

Paducah-OREIS Data Report

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12/18/2007

SWMU2-1

1020903

WAG 22 (SWMU 2)

S01211

Collected: 7/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		18	mg/kg		0.24	SW846-6010
Barium		120	mg/kg		0.12	SW846-6010
Beryllium		1.3	mg/kg		0.043	SW846-6010
Cadmium	B	0.091	mg/kg		0.033	SW846-6010
Chromium		21	mg/kg		0.39	SW846-6010
Manganese		850	mg/kg		0.14	SW846-6010
Nickel		13	mg/kg		0.89	SW846-6010
Silver	U	2.5	mg/kg		0.16	SW846-6010
Thallium	B	0.88	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		37	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		26.97	pCi/G	15.57		RL-7119
Americium-241		0.17	pCi/G	0.05	4E-05	EPA-907
Beta activity		5.44	pCi/G	2.64		RL-7119
Cesium-137	U	0.06	pCi/G	0.05	0.0001	EPA-907
Neptunium-237		0.03	pCi/G	0.02	2E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.01	1E-05	EPA-907
Protactinium-234	U	0.03	pCi/G	0.34	0.0006	EPA-907
Technetium-99		2.24	pCi/G	0.06	6E-05	DNT
Thorium-230		1.37	pCi/G	0.13	7E-05	EPA-907
Uranium-234		1.72	pCi/G	0.13	3E-05	EPA-907
Uranium-235/236		0.19	pCi/G	0.05	3E-05	EPA-907
Uranium-238		6.25	pCi/G	0.25	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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WAG 22 (SWMU 2)

S01212

Collected: 7/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		6.8	mg/kg		0.24	SW846-6010
Barium		89	mg/kg		0.12	SW846-6010
Beryllium	B	0.52	mg/kg		0.043	SW846-6010
Cadmium	U	0.25	mg/kg		0.033	SW846-6010
Chromium		18	mg/kg		0.39	SW846-6010
Manganese		440	mg/kg		0.14	SW846-6010
Nickel		16	mg/kg		0.89	SW846-6010
Silver	B	2.5	mg/kg		0.16	SW846-6010
Thallium		1.3	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		24	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		7.97	pCi/G	6.97		RL-7119
Americium-241		0.12	pCi/G	0.05	6E-05	EPA-907
Beta activity		4.08	pCi/G	2.04		RL-7119
Cesium-137	U	0.05	pCi/G	0.06	9E-05	EPA-907
Neptunium-237		-0.0024	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	0.17	pCi/G	0.37	0.0006	EPA-907
Technetium-99		1.05	pCi/G	0.05	6E-05	DNT
Thorium-230		1.17	pCi/G	0.11	3E-05	EPA-907
Uranium-234		0.81	pCi/G	0.09	3E-05	EPA-907
Uranium-235/236		0.07	pCi/G	0.03	2E-05	EPA-907
Uranium-238		1.02	pCi/G	0.1	2E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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WAG 22 (SWMU 2)

S01213

Collected: 7/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		1.9	mg/kg		0.24	SW846-6010
Barium		63	mg/kg		0.12	SW846-6010
Beryllium	B	0.38	mg/kg		0.043	SW846-6010
Cadmium	U	0.24	mg/kg		0.033	SW846-6010
Chromium		9	mg/kg		0.39	SW846-6010
Manganese		240	mg/kg		0.14	SW846-6010
Nickel		7	mg/kg		0.89	SW846-6010
Silver	U	2.4	mg/kg		0.16	SW846-6010
Thallium	U	1.2	mg/kg		0.43	SW846-6010
Uranium	U	24	mg/kg		1.6	SW846-6010
Vanadium		11	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		10.76	pCi/G	8.79		RL-7119
Americium-241		0.16	pCi/G	0.05	4E-05	EPA-907
Beta activity		2.72	pCi/G	1.41		RL-7119
Cesium-137	U	-0.014	pCi/G	0.05	7E-05	EPA-907
Neptunium-237		0.02	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.01	1E-05	EPA-907
Protactinium-234	U	-0.25	pCi/G	0.44	0.0005	EPA-907
Technetium-99		0.12	pCi/G	0.04	6E-05	DNT
Thorium-230		1	pCi/G	0.1	4E-05	EPA-907
Uranium-234		0.86	pCi/G	0.1	5E-05	EPA-907
Uranium-235/236		0.08	pCi/G	0.04	3E-05	EPA-907
Uranium-238		0.82	pCi/G	0.1	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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WAG 22 (SWMU 2)

S01214

Collected: 8/28/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic		1.1	mg/kg		0.24	SW846-6010
Barium		49	mg/kg		0.12	SW846-6010
Beryllium	B	0.29	mg/kg		0.043	SW846-6010
Cadmium	U	0.25	mg/kg		0.033	SW846-6010
Chromium		7.3	mg/kg		0.39	SW846-6010
Manganese		170	mg/kg		0.14	SW846-6010
Nickel		5.2	mg/kg		0.89	SW846-6010
Silver	B	2.5	mg/kg		0.16	SW846-6010
Thallium	U	1.2	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		6.5	mg/kg		0.16	SW846-6010
RADS						
Alpha activity		2.19	pCi/G	2.53		RL-7119
Americium-241		0.12	pCi/G	0.04	3E-05	EPA-907
Beta activity		10.88	pCi/G	4.75		RL-7119
Cesium-137	U	0.05	pCi/G	0.05	9E-05	EPA-907
Neptunium-237		0.03	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	-0.11	pCi/G	0.34	0.0005	EPA-907
Technetium-99		0.14	pCi/G	0.04	6E-05	DNT
Thorium-230		1.08	pCi/G	0.11	5E-05	EPA-907
Uranium-234		0.8	pCi/G	0.09	3E-05	EPA-907
Uranium-235/236		0.04	pCi/G	0.03	3E-05	EPA-907
Uranium-238		0.84	pCi/G	0.09	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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1020903

WAG 22 (SWMU 2)

S10101

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		98.68	pCi/G	25.07		RL-7119
Americium-241		0.08	pCi/G	0.03	3E-05	EPA-907
Beta activity		222.62	pCi/G	31.23		RL-7119
Cesium-137		0.09	pCi/G	0.06	5E-05	EPA-907
Neptunium-237		0.05	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	0.2	pCi/G	0.32	0.0004	EPA-907
Technetium-99		1.41	pCi/G	0.05	6E-05	DNT
Thorium-230		1.37	pCi/G	0.16	3E-05	EPA-907
Uranium-234		22.6	pCi/G	0.7	7E-05	EPA-907
Uranium-235/236		3.16	pCi/G	0.29	6E-05	EPA-907
Uranium-238		131	pCi/G	1.67	6E-05	EPA-907

S10111

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		85.11	pCi/G	23.17		RL-7119
Americium-241		0.41	pCi/G	0.07	4E-05	EPA-907
Beta activity		209.52	pCi/G	30.23		RL-7119
Cesium-137		0.1	pCi/G	0.06	6E-05	EPA-907
Neptunium-237		0.05	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.06	pCi/G	0.03	3E-05	EPA-907
Protactinium-234	U	0.52	pCi/G	0.66	0.0005	EPA-907
Technetium-99		1.1	pCi/G	0.04	6E-05	DNT
Thorium-230		1.32	pCi/G	0.14	3E-05	EPA-907
Uranium-234		51.9	pCi/G	1.33	0.0001	EPA-907
Uranium-235/236		7.7	pCi/G	0.57	3E-05	EPA-907
Uranium-238		314	pCi/G	3.26	0.0001	EPA-907

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SWMU2-11

1020903

WAG 22 (SWMU 2)

S11311

Collected: 8/9/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide	U	1.4	mg/kg		0.13	SW846-9012
METAL						
Aluminum		7800	mg/kg		14	SW846-6010
Antimony	U	6	mg/kg		0.46	SW846-7041
Arsenic		3.4	mg/kg		0.24	SW846-6010
Barium		73	mg/kg		0.17	SW846-6010
Beryllium	B	1.4	mg/kg		0.06	SW846-6010
Cadmium	U	0.28	mg/kg		0.033	SW846-6010
Calcium		2400	mg/kg		1.9	SW846-6010
Chromium		12	mg/kg		0.54	SW846-6010
Cobalt		3.2	mg/kg		0.53	SW846-6010
Copper		7.8	mg/kg		0.76	SW846-6010
Iron		11000	mg/kg		2.6	SW846-6010
Lead		12	mg/kg		0.17	SW846-6010
Magnesium		780	mg/kg		1.2	SW846-6010
Manganese		240	mg/kg		0.19	SW846-6010
Mercury	U	0.14	mg/kg		0.034	SW846-7071
Molybdenum	B	14	mg/kg		0.57	SW846-6010
Nickel		8.7	mg/kg		1.2	SW846-6010
Potassium		540	mg/kg		4.3	SW846-6010
Selenium		0.77	mg/kg		0.39	SW846-6010
Silver	U	1.4	mg/kg		0.22	SW846-6010
Sodium	B	35	mg/kg		21	SW846-6010
Thallium	B	1	mg/kg		0.43	SW846-6010
Tin	B	2.6	mg/kg		2.2	SW846-6010
Uranium		280	mg/kg		2.2	SW846-6010
Vanadium		15	mg/kg		0.22	SW846-6010
Zinc		35	mg/kg		1.4	SW846-6010
PPCB						
4,4'-DDD	U	0.07	mg/kg		0.07	SW846-8270
4,4'-DDD	U	0.00012	mg/kg		0.0001	SW846-8080
4,4'-DDE	U	0.06	mg/kg		0.06	SW846-8270
4,4'-DDE	U	4.2E-05	mg/kg		4E-05	SW846-8080
4,4'-DDT	U	0.04	mg/kg		0.04	SW846-8270
4,4'-DDT	U	4.3E-05	mg/kg		4E-05	SW846-8080
Aldrin	U	0.05	mg/kg		0.05	SW846-8270
Aldrin	U	0.00017	mg/kg		0.0002	SW846-8080
alpha-BHC	U	6.4E-05	mg/kg		6E-05	SW846-8080
alpha-BHC	U	0.04	mg/kg		0.04	SW846-8270
alpha-Chlordane	U	5.7E-05	mg/kg		6E-05	SW846-8080
beta-BHC	U	0.08	mg/kg		0.08	SW846-8270
beta-BHC	U	5.2E-05	mg/kg		5E-05	SW846-8080
delta-BHC	U	8.3E-05	mg/kg		8E-05	SW846-8080
delta-BHC	U	0.09	mg/kg		0.09	SW846-8270
Dieldrin	U	0.085	mg/kg		0.085	SW846-8270
Dieldrin	U	4.2E-05	mg/kg		4E-05	SW846-8080
Endosulfan I	U	0.00011	mg/kg		0.0001	SW846-8080
Endosulfan II	U	0.00016	mg/kg		0.0002	SW846-8080
Endosulfan sulfate	U	0.00022	mg/kg		0.0002	SW846-8080

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Endrin	U	9.7E-05	mg/kg	1E-04	SW846-8080
Endrin aldehyde	U	0.00015	mg/kg	0.0002	SW846-8080
Endrin ketone	U	9.7E-05	mg/kg	1E-04	SW846-8080
gamma-Chlordane	J	0.0011	mg/kg	6E-05	SW846-8080
Heptachlor	U	0.035	mg/kg	0.035	SW846-8270
Heptachlor	U	3.8E-05	mg/kg	4E-05	SW846-8080
Heptachlor epoxide	U	5.4E-05	mg/kg	5E-05	SW846-8080
Lindane	U	7.1E-05	mg/kg	7E-05	SW846-8080
Lindane	U	0.04	mg/kg	0.04	SW846-8270
Methoxychlor	U	0.02	mg/kg	0.02	SW846-8270
Methoxychlor	U	0.00035	mg/kg	0.0004	SW846-8080
PCB-1016	U	0.00092	mg/kg	0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg	0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg	0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg	0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg	0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg	0.0007	SW846-8080
PCB-1260		0.05	mg/kg	0.0008	SW846-8080
Toxaphene	U	0.013	mg/kg	0.013	SW846-8080

RADS

Alpha activity		13.81	pCi/G	9.21	RL-7119
Americium-241		0.07	pCi/G	0.03	2E-05 EPA-907
Beta activity		45.28	pCi/G	12.33	RL-7119
Cesium-137		0.18	pCi/G	0.06	6E-05 EPA-907
Neptunium-237		0.02	pCi/G	0.03	6E-05 EPA-907
Plutonium-239		0.06	pCi/G	0.03	3E-05 EPA-907
Protactinium-234	U	0.07	pCi/G	0.24	0.0004 EPA-907
Technetium-99		0.47	pCi/G	0.04	6E-05 DNT
Thorium-230		1.05	pCi/G	0.12	5E-05 EPA-907
Uranium-234		8.75	pCi/G	0.34	4E-05 EPA-907
Uranium-235/236		1.34	pCi/G	0.15	4E-05 EPA-907
Uranium-238		60	pCi/G	0.89	4E-05 EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.04	mg/kg	0.04	SW846-8270
1,2,4-Trichlorobenzene	U	0.05	mg/kg	0.05	SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg	0.0002	SW846-8260
1,2-Dichlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
1,2-Diphenylhydrazine	U	0.035	mg/kg	0.035	SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg	0.0002	SW846-8260
1,3-Dichlorobenzene	U	0.05	mg/kg	0.05	SW846-8270
1,4-Dichlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg	0.0002	SW846-8260
1-Chloronaphtalene	U	0.05	mg/kg	0.05	SW846-8270
1-Naphthalenamine	U	0.19	mg/kg	0.19	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.06	mg/kg	0.06	SW846-8270
2,4,5-Trichlorophenol	U	0.045	mg/kg	0.045	SW846-8270
2,4,6-Trichlorophenol	U	0.05	mg/kg	0.05	SW846-8270
2,4-Dichlorophenol	U	0.045	mg/kg	0.045	SW846-8270
2,4-Dimethylphenol	U	0.12	mg/kg	0.12	SW846-8270
2,4-Dinitrophenol	U	0.25	mg/kg	0.25	SW846-8270
2,4-Dinitrotoluene	U	0.075	mg/kg	0.075	SW846-8270
2,6-Dichlorophenol	U	0.05	mg/kg	0.05	SW846-8270
2,6-Dinitrotoluene	U	0.04	mg/kg	0.04	SW846-8270
2-Chloronaphtalene	U	0.02	mg/kg	0.02	SW846-8270
2-Chlorophenol	U	0.055	mg/kg	0.055	SW846-8270

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1020903

WAG 22 (SWMU 2)

2-Methyl-4,6-dinitrophenol	U	0.26	mg/kg	0.26	SW846-8270
2-Methylnaphthalene	U	0.045	mg/kg	0.045	SW846-8270
2-Methylphenol	U	0.04	mg/kg	0.04	SW846-8270
2-Methylpyridine	U	0.34	mg/kg	0.34	SW846-8270
2-Naphthalenamine	U	0.33	mg/kg	0.33	SW846-8270
2-Nitrobenzenamine	U	0.05	mg/kg	0.05	SW846-8270
2-Nitrophenol	U	0.045	mg/kg	0.045	SW846-8270
3,3'-Dichlorobenzidine	U	0.18	mg/kg	0.18	SW846-8270
3-Methylcholanthrene	U	0.1	mg/kg	0.1	SW846-8270
3-Nitrobenzenamine	U	0.13	mg/kg	0.13	SW846-8270
4-Aminobiphenyl	U	0.29	mg/kg	0.29	SW846-8270
4-Bromophenyl phenyl ether	U	0.04	mg/kg	0.04	SW846-8270
4-Chloro-3-methylphenol	U	0.05	mg/kg	0.05	SW846-8270
4-Chlorobenzenamine	U	0.24	mg/kg	0.24	SW846-8270
4-Chlorophenyl phenyl ether	U	0.035	mg/kg	0.035	SW846-8270
4-Methylphenol	U	0.04	mg/kg	0.04	SW846-8270
4-Nitrobenzenamine	U	0.33	mg/kg	0.33	SW846-8270
4-Nitrophenol	U	0.11	mg/kg	0.11	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.43	mg/kg	0.43	SW846-8270
a,a-Dimethylphenethylamine	U	0.065	mg/kg	0.065	SW846-8270
Acenaphthene	U	0.04	mg/kg	0.04	SW846-8270
Acenaphthylene	U	0.04	mg/kg	0.04	SW846-8270
Acetophenone	U	0.04	mg/kg	0.04	SW846-8270
Aniline	U	0.26	mg/kg	0.26	SW846-8270
Anthracene	U	0.045	mg/kg	0.045	SW846-8270
Benz(a)anthracene	U	0.04	mg/kg	0.04	SW846-8270
Benzenemethanol	U	0.05	mg/kg	0.05	SW846-8270
Benzidine	U	1.6	mg/kg	1.6	SW846-8270
Benzo(a)pyrene	U	0.045	mg/kg	0.045	SW846-8270
Benzo(b)fluoranthene	U	0.05	mg/kg	0.05	SW846-8270
Benzo(ghi)perylene	U	0.095	mg/kg	0.095	SW846-8270
Benzo(k)fluoranthene	U	0.05	mg/kg	0.05	SW846-8270
Benzoic acid	U	0.13	mg/kg	0.13	SW846-8270
Bis(2-chloroethoxy)methane	U	0.045	mg/kg	0.045	SW846-8270
Bis(2-chloroethyl) ether	U	0.055	mg/kg	0.055	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.28	mg/kg	0.28	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.57	mg/kg	0.57	SW846-8270
Butyl benzyl phthalate	U	0.64	mg/kg	0.64	SW846-8270
Chrysene	U	0.05	mg/kg	0.05	SW846-8270
Dibenz(a,h)anthracene	U	0.06	mg/kg	0.06	SW846-8270
Dibenzofuran	U	0.02	mg/kg	0.02	SW846-8270
Diethyl phthalate	U	0.055	mg/kg	0.055	SW846-8270
Dimethyl phthalate	U	0.045	mg/kg	0.045	SW846-8270
Di-n-butyl phthalate	U	0.3	mg/kg	0.3	SW846-8270
Di-n-octylphthalate	U	0.055	mg/kg	0.055	SW846-8270
Ethyl methanesulfonate	U	0.04	mg/kg	0.04	SW846-8270
Fluoranthene	U	0.05	mg/kg	0.05	SW846-8270
Fluorene	U	0.045	mg/kg	0.045	SW846-8270
Hexachlorobenzene	U	0.035	mg/kg	0.035	SW846-8270
Hexachlorobutadiene	U	0.04	mg/kg	0.04	SW846-8270
Hexachlorocyclopentadiene	U	0.03	mg/kg	0.03	SW846-8270
Hexachloroethane	U	0.045	mg/kg	0.045	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.065	mg/kg	0.065	SW846-8270
Isophorone	U	0.045	mg/kg	0.045	SW846-8270
Methyl methanesulfonate	U	0.34	mg/kg	0.34	SW846-8270

SWMU2-11

1020903

WAG 22 (SWMU 2)

Naphthalene	U	0.05	mg/kg	0.05	SW846-8270
Nitrobenzene	U	0.17	mg/kg	0.17	SW846-8270
N-Nitrosodimethylamine	U	0.085	mg/kg	0.085	SW846-8270
N-Nitroso-di-n-propylamine	U	0.06	mg/kg	0.06	SW846-8270
N-Nitrosodiphenylamine	U	0.02	mg/kg	0.02	SW846-8270
N-Nitrosopiperidine	U	0.04	mg/kg	0.04	SW846-8270
p-Dimethylaminoazobenzene	U	0.1	mg/kg	0.1	SW846-8270
Pentachlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
Pentachloronitrobenzene	U	0.065	mg/kg	0.065	SW846-8270
Pentachlorophenol	U	0.045	mg/kg	0.045	SW846-8270
Phenacetin	U	0.07	mg/kg	0.07	SW846-8270
Phenanthrene	U	0.04	mg/kg	0.04	SW846-8270
Phenol	U	0.045	mg/kg	0.045	SW846-8270
Pronamide	U	0.06	mg/kg	0.06	SW846-8270
Pyrene	U	0.08	mg/kg	0.08	SW846-8270
Pyridine	U	0.27	mg/kg	0.27	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.00022	mg/kg	0.0002	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	0.0001	SW846-8260
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	0.0009	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	0.0001	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	0.0004	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	0.0008	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	0.0003	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	0.0005	SW846-8260
2-Butanone	U	0.0018	mg/kg	0.0018	SW846-8260
2-Hexanone	U	0.00039	mg/kg	0.0004	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	0.0006	SW846-8260
Acetone	U	0.0041	mg/kg	0.0041	SW846-8260
Benzene	U	0.00039	mg/kg	0.0004	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	0.0003	SW846-8260
Bromoform	U	0.0002	mg/kg	0.0002	SW846-8260
Bromomethane	U	0.00067	mg/kg	0.0007	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	0.0007	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	0.0006	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	0.0004	SW846-8260
Chloroethane	U	0.00087	mg/kg	0.0009	SW846-8260
Chloroform	U	0.00032	mg/kg	0.0003	SW846-8260
Chloromethane	U	0.0013	mg/kg	0.0013	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	0.0005	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	0.0002	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	0.0002	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	0.0006	SW846-8260
Methylene chloride	BJ	0.0012	mg/kg	0.0004	SW846-8260
Styrene	U	0.00026	mg/kg	0.0003	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	0.0005	SW846-8260
Toluene	U	0.00075	mg/kg	0.0008	SW846-8260
Total Xylene	U	0.0011	mg/kg	0.0011	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	0.0006	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	0.0002	SW846-8260
Trichloroethene	U	0.00056	mg/kg	0.0006	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	0.0007	SW846-8260

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SWMU2-12

1020903

WAG 22 (SWMU 2)

S12211

Collected: 7/3/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		12	mg/kg		0.24	SW846-6010
Barium		160	mg/kg		0.12	SW846-6010
Beryllium	B	0.65	mg/kg		0.043	SW846-6010
Cadmium	B	0.25	mg/kg		0.033	SW846-6010
Chromium		15	mg/kg		0.39	SW846-6010
Manganese		770	mg/kg		0.14	SW846-6010
Nickel		15	mg/kg		0.89	SW846-6010
Silver	U	1.3	mg/kg		0.16	SW846-6010
Thallium	U	1.3	mg/kg		0.43	SW846-6010
Uranium		1500	mg/kg		1.5	SW846-6010
Vanadium		23	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248		0.058	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		67.74	pCi/G	7.63		RL-7119
Americium-241		0.13	pCi/G	0.08	9E-05	EPA-907
Beta activity		216.23	pCi/G	8.89		RL-7119
Cesium-137	U	0.02	pCi/G	0.05	9E-05	EPA-907
Neptunium-237		-0.011	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	1.4	pCi/G	1.7	0.0007	EPA-907
Technetium-99		0.32	pCi/G	0.04	7E-05	DNT
Thorium-230		1.52	pCi/G	0.13	2E-05	EPA-907
Uranium-234		155	pCi/G	3.67	0.0003	EPA-907
Uranium-235/236		25.8	pCi/G	1.67	0.0003	EPA-907
Uranium-238		947	pCi/G	9.08	0.0003	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.056	mg/kg		0.056	SW846-8260
trans-1,2-Dichloroethene	U	0.069	mg/kg		0.069	SW846-8260
Trichloroethene	J	0.28	mg/kg		0.07	SW846-8260
Vinyl chloride	U	0.09	mg/kg		0.09	SW846-8260

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SWMU2-12

1020903

WAG 22 (SWMU 2)

S12212

Collected: 7/3/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		4.5	mg/kg		0.24	SW846-6010
Barium		350	mg/kg		0.12	SW846-6010
Beryllium	B	0.55	mg/kg		0.043	SW846-6010
Cadmium	B	0.25	mg/kg		0.033	SW846-6010
Chromium		18	mg/kg		0.39	SW846-6010
Manganese		620	mg/kg		0.14	SW846-6010
Nickel		17	mg/kg		0.89	SW846-6010
Silver	U	1.3	mg/kg		0.16	SW846-6010
Thallium	U	1.3	mg/kg		0.43	SW846-6010
Uranium	U	13	mg/kg		1.5	SW846-6010
Vanadium		23	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248		0.031	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		10.57	pCi/G	3.15		RL-7119
Americium-241		0.24	pCi/G	0.08	2E-05	EPA-907
Beta activity		3.24	pCi/G	0.81		RL-7119
Cesium-137	U	-0.017	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.01	3E-05	EPA-907
Plutonium-239		0.05	pCi/G	0.03	3E-05	EPA-907
Protactinium-234	U	0.04	pCi/G	0.18	0.0003	EPA-907
Technetium-99		0.06	pCi/G	0.04	6E-05	DNT
Thorium-230		1.19	pCi/G	0.11	3E-05	EPA-907
Uranium-234		0.98	pCi/G	0.1	3E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	4E-05	EPA-907
Uranium-238		2.02	pCi/G	0.14	2E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.056	mg/kg		0.056	SW846-8260
trans-1,2-Dichloroethene	U	0.069	mg/kg		0.069	SW846-8260
Trichloroethene	U	0.07	mg/kg		0.07	SW846-8260
Vinyl chloride	U	0.09	mg/kg		0.09	SW846-8260

SWMU2-12

1020903

WAG 22 (SWMU 2)

S12213

Collected: 7/3/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		4.6	mg/kg		0.24	SW846-6010
Barium		86	mg/kg		0.12	SW846-6010
Beryllium	B	0.75	mg/kg		0.043	SW846-6010
Cadmium	B	0.25	mg/kg		0.033	SW846-6010
Chromium		26	mg/kg		0.39	SW846-6010
Manganese		360	mg/kg		0.14	SW846-6010
Nickel		23	mg/kg		0.89	SW846-6010
Silver	U	1.2	mg/kg		0.16	SW846-6010
Thallium	U	1.2	mg/kg		0.43	SW846-6010
Uranium	U	12	mg/kg		1.5	SW846-6010
Vanadium		33	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248		0.015	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		4.12	pCi/G	1.84		RL-7119
Americium-241		0.18	pCi/G	0.05	1E-05	EPA-907
Beta activity		1.39	pCi/G	0.42		RL-7119
Cesium-137	U	-0.006	pCi/G	0.03	5E-05	EPA-907
Neptunium-237		0	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	0.01	pCi/G	0.17	0.0003	EPA-907
Technetium-99		0.79	pCi/G	0	0	DNT
Thorium-230		0.98	pCi/G	0.1	2E-05	EPA-907
Uranium-234		0.77	pCi/G	0.09	2E-05	EPA-907
Uranium-235/236		0.04	pCi/G	0.02	1E-05	EPA-907
Uranium-238		0.97	pCi/G	0.1	2E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.056	mg/kg		0.056	SW846-8260
trans-1,2-Dichloroethene	U	0.069	mg/kg		0.069	SW846-8260
Trichloroethene	U	0.07	mg/kg		0.07	SW846-8260
Vinyl chloride	U	0.09	mg/kg		0.09	SW846-8260

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WAG 22 (SWMU 2)

S12214

Collected: 7/3/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		1.7	mg/kg		0.24	SW846-6010
Barium		86	mg/kg		0.12	SW846-6010
Beryllium	B	0.39	mg/kg		0.043	SW846-6010
Cadmium	U	0.025	mg/kg		0.033	SW846-6010
Chromium		13	mg/kg		0.39	SW846-6010
Manganese		670	mg/kg		0.14	SW846-6010
Nickel		15	mg/kg		0.89	SW846-6010
Silver	U	1.2	mg/kg		0.16	SW846-6010
Thallium	U	1.2	mg/kg		0.43	SW846-6010
Uranium	U	12	mg/kg		1.5	SW846-6010
Vanadium		15	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248		0.041	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		4.3	pCi/G	1.88		RL-7119
Americium-241		0.14	pCi/G	0.06	6E-05	EPA-907
Beta activity		2.59	pCi/G	0.69		RL-7119
Cesium-137	U	-0.018	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0.04	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	-0.17	pCi/G	0.26	0.0003	EPA-907
Technetium-99		0.02	pCi/G	0.04	7E-05	DNT
Thorium-230		1.19	pCi/G	0.11	3E-05	EPA-907
Uranium-234		0.83	pCi/G	0.09	5E-05	EPA-907
Uranium-235/236		0.09	pCi/G	0.04	3E-05	EPA-907
Uranium-238		1.39	pCi/G	0.12	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.056	mg/kg		0.056	SW846-8260
trans-1,2-Dichloroethene	U	0.069	mg/kg		0.069	SW846-8260
Trichloroethene	U	0.07	mg/kg		0.07	SW846-8260
Vinyl chloride	U	0.09	mg/kg		0.09	SW846-8260

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SWMU2-13

1020903

WAG 22 (SWMU 2)

S13215

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	B	24	mg/kg		1.9	SW846-6010
RADS						
Alpha activity		0.88	pCi/G	0.62		RL-7119
Americium-241		0.04	pCi/G	0.02	3E-05	EPA-907
Beta activity		1.06	pCi/G	0.53		RL-7119
Cesium-137	U	-0.016	pCi/G	0.02	3E-05	EPA-907
Neptunium-237		0	pCi/G	0.03	5E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	-0.029	pCi/G	0.12	0.0002	EPA-907
Technetium-99		-0.0039	pCi/G	0.04	6E-05	DNT
Thorium-230		0.25	pCi/G	0.05	2E-05	EPA-907
Uranium-234		0.26	pCi/G	0.05	3E-05	EPA-907
Uranium-235/236		0.01	pCi/G	0.01	2E-05	EPA-907
Uranium-238		0.21	pCi/G	0.05	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S13216

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		0.19	pCi/G	0.38		RL-7119
Americium-241		0.07	pCi/G	0.03	3E-05	EPA-907
Beta activity		-4.76	pCi/G	-2.75		RL-7119
Cesium-137	U	0.01	pCi/G	0.02	3E-05	EPA-907
Neptunium-237		0.04	pCi/G	0.03	5E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	-0.07	pCi/G	0.15	0.0002	EPA-907
Technetium-99		0.01	pCi/G	0.04	6E-05	DNT
Thorium-230		0.37	pCi/G	0.06	3E-05	EPA-907
Uranium-234		0.27	pCi/G	0.05	4E-05	EPA-907
Uranium-235/236		0.03	pCi/G	0.02	3E-05	EPA-907
Uranium-238		0.33	pCi/G	0.06	2E-05	EPA-907
VOA						
Trichloroethene	U	0.00039	mg/kg		0.0004	SW846-8260

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SWMU2-13

1020903

WAG 22 (SWMU 2)

S13211

Collected: 9/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	25	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		2.28	pCi/G	1.61		RL-7119
Americium-241		0.31	pCi/G	0.07	6E-05	EPA-907
Beta activity		2.67	pCi/G	0.94		RL-7119
Cesium-137		0.04	pCi/G	0.05	6E-05	EPA-907
Neptunium-237		0.04	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	0.02	pCi/G	0.24	0.0004	EPA-907
Technetium-99		-0.0361	pCi/G	0.04	7E-05	DNT
Thorium-230		1.27	pCi/G	0.11	6E-05	EPA-907
Uranium-234		1.16	pCi/G	0.11	4E-05	EPA-907
Uranium-235/236		0.1	pCi/G	0.04	2E-05	EPA-907
Uranium-238		1.23	pCi/G	0.11	4E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S13212

Collected: 9/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	24	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		5.54	pCi/G	2.77		RL-7119
Americium-241		0.14	pCi/G	0.04	4E-05	EPA-907
Beta activity		2.82	pCi/G	0.98		RL-7119
Cesium-137		0.21	pCi/G	0.05	4E-05	EPA-907
Neptunium-237		-0.0056	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0	pCi/G	0.01	3E-05	EPA-907
Protactinium-234	U	-0.011	pCi/G	0.17	0.0003	EPA-907
Technetium-99		-0.0104	pCi/G	0.04	7E-05	DNT
Thorium-230		0.91	pCi/G	0.1	3E-05	EPA-907
Uranium-234		0.73	pCi/G	0.09	4E-05	EPA-907
Uranium-235/236		0.09	pCi/G	0.03	2E-05	EPA-907
Uranium-238		0.78	pCi/G	0.09	2E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-13

1020903

WAG 22 (SWMU 2)

S13213

Collected: 9/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	23	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		3.86	pCi/G	2.23		RL-7119
Americium-241		0.1	pCi/G	0.04	3E-05	EPA-907
Beta activity		3.56	pCi/G	1.15		RL-7119
Cesium-137		0.03	pCi/G	0.04	3E-05	EPA-907
Neptunium-237		0.12	pCi/G	0.05	6E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	0.08	pCi/G	0.17	0.0003	EPA-907
Technetium-99		-0.0132	pCi/G	0.04	7E-05	DNT
Thorium-230		0.7	pCi/G	0.09	4E-05	EPA-907
Uranium-234		0.57	pCi/G	0.07	2E-05	EPA-907
Uranium-235/236		0.02	pCi/G	0.02	3E-05	EPA-907
Uranium-238		0.6	pCi/G	0.08	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S13214

Collected: 9/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	24	mg/kg		1.9	SW846-6010
RADS						
Alpha activity		23.24	pCi/G	11.62		RL-7119
Americium-241		0.31	pCi/G	0.06	3E-05	EPA-907
Beta activity		32.12	pCi/G	9.27		RL-7119
Cesium-137	U	-0.013	pCi/G	0.03	5E-05	EPA-907
Neptunium-237		-0.0056	pCi/G	0.01	3E-05	EPA-907
Plutonium-239		0.05	pCi/G	0.03	2E-05	EPA-907
Protactinium-234	U	0.04	pCi/G	0.2	0.0003	EPA-907
Technetium-99		-0.0115	pCi/G	0.03	5E-05	DNT
Thorium-230		1.15	pCi/G	0.11	3E-05	EPA-907
Uranium-234		1.2	pCi/G	0.11	4E-05	EPA-907
Uranium-235/236		0.07	pCi/G	0.03	2E-05	EPA-907
Uranium-238		1.26	pCi/G	0.11	2E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-14

1020903

WAG 22 (SWMU 2)

S14111

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		29.69	pCi/G	13.62		RL-7119
Americium-241		0.08	pCi/G	0.03	3E-05	EPA-907
Beta activity		51.19	pCi/G	13.33		RL-7119
Cesium-137		0.07	pCi/G	0.04	5E-05	EPA-907
Neptunium-237		0.03	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.04	pCi/G	0.03	4E-05	EPA-907
Protactinium-234	U	0.18	pCi/G	0.29	0.0004	EPA-907
Technetium-99		0.41	pCi/G	0.04	6E-05	DNT
Thorium-230		1.36	pCi/G	0.15	5E-05	EPA-907
Uranium-234		5.05	pCi/G	0.22	3E-05	EPA-907
Uranium-235/236		0.66	pCi/G	0.09	3E-05	EPA-907
Uranium-238		27.1	pCi/G	0.52	2E-05	EPA-907

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SWMU2-15

1020903

WAG 22 (SWMU 2)

S15311

Collected: 8/9/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide	U	1.6	mg/kg		0.15	SW846-9012
METAL						
Aluminum		10000	mg/kg		16	SW846-6010
Antimony	U	6	mg/kg		0.46	SW846-7041
Arsenic		25	mg/kg		0.24	SW846-6010
Barium		160	mg/kg		0.19	SW846-6010
Beryllium	B	1.6	mg/kg		0.067	SW846-6010
Cadmium	B	0.27	mg/kg		0.033	SW846-6010
Calcium		5600	mg/kg		2.2	SW846-6010
Chromium		30	mg/kg		0.61	SW846-6010
Cobalt		7.6	mg/kg		0.59	SW846-6010
Copper		28	mg/kg		0.86	SW846-6010
Iron		41000	mg/kg		3	SW846-6010
Lead		20	mg/kg		0.17	SW846-6010
Magnesium		1600	mg/kg		1.3	SW846-6010
Manganese		280	mg/kg		0.22	SW846-6010
Mercury		0.14	mg/kg		0.034	SW846-7071
Molybdenum	B	16	mg/kg		0.64	SW846-6010
Nickel		33	mg/kg		1.4	SW846-6010
Potassium		940	mg/kg		4.8	SW846-6010
Selenium		0.94	mg/kg		0.39	SW846-6010
Silver	B	0.39	mg/kg		0.25	SW846-6010
Sodium		150	mg/kg		23	SW846-6010
Thallium		3.7	mg/kg		0.43	SW846-6010
Tin	B	9.5	mg/kg		2.5	SW846-6010
Uranium		130	mg/kg		2.5	SW846-6010
Vanadium		34	mg/kg		0.25	SW846-6010
Zinc		110	mg/kg		1.5	SW846-6010
PPCB						
4,4'-DDD	U	0.00012	mg/kg		0.0001	SW846-8080
4,4'-DDD	U	0.07	mg/kg		0.07	SW846-8270
4,4'-DDE	U	4.2E-05	mg/kg		4E-05	SW846-8080
4,4'-DDE	U	0.06	mg/kg		0.06	SW846-8270
4,4'-DDT	U	4.3E-05	mg/kg		4E-05	SW846-8080
4,4'-DDT	U	0.04	mg/kg		0.04	SW846-8270
Aldrin	U	0.00017	mg/kg		0.0002	SW846-8080
Aldrin	U	0.05	mg/kg		0.05	SW846-8270
alpha-BHC	U	6.4E-05	mg/kg		6E-05	SW846-8080
alpha-BHC	U	0.04	mg/kg		0.04	SW846-8270
alpha-Chlordane	J	0.00078	mg/kg		6E-05	SW846-8080
beta-BHC	U	0.08	mg/kg		0.08	SW846-8270
beta-BHC	U	5.2E-05	mg/kg		5E-05	SW846-8080
delta-BHC	U	8.3E-05	mg/kg		8E-05	SW846-8080
delta-BHC	U	0.09	mg/kg		0.09	SW846-8270
Dieldrin	U	4.2E-05	mg/kg		4E-05	SW846-8080
Dieldrin	U	0.085	mg/kg		0.085	SW846-8270
Endosulfan I	U	0.00011	mg/kg		0.0001	SW846-8080
Endosulfan II	U	0.00016	mg/kg		0.0002	SW846-8080
Endosulfan sulfate	U	0.00022	mg/kg		0.0002	SW846-8080

*QUALIFIER Codes See attached List.

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WAG 22 (SWMU 2)

Endrin	U	9.7E-05	mg/kg	1E-04	SW846-8080
Endrin aldehyde	U	0.00015	mg/kg	0.0002	SW846-8080
Endrin ketone	U	9.7E-05	mg/kg	1E-04	SW846-8080
gamma-Chlordane		0.003	mg/kg	6E-05	SW846-8080
Heptachlor	U	3.8E-05	mg/kg	4E-05	SW846-8080
Heptachlor	U	0.035	mg/kg	0.035	SW846-8270
Heptachlor epoxide	U	5.4E-05	mg/kg	5E-05	SW846-8080
Lindane	U	0.04	mg/kg	0.04	SW846-8270
Lindane	U	7.1E-05	mg/kg	7E-05	SW846-8080
Methoxychlor	U	0.00035	mg/kg	0.0004	SW846-8080
Methoxychlor	U	0.02	mg/kg	0.02	SW846-8270
PCB-1016	U	0.00092	mg/kg	0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg	0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg	0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg	0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg	0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg	0.0007	SW846-8080
PCB-1260		0.15	mg/kg	0.0008	SW846-8080
Toxaphene	U	0.013	mg/kg	0.013	SW846-8080

RADS

Alpha activity		38.77	pCi/G	15.51	RL-7119
Americium-241		0.61	pCi/G	0.08	3E-05 EPA-907
Beta activity		114.47	pCi/G	21.93	RL-7119
Cesium-137		43	pCi/G	9.7	9E-05 EPA-907
Neptunium-237		0.31	pCi/G	0.08	9E-05 EPA-907
Plutonium-239		11.8	pCi/G	0.36	3E-05 EPA-907
Protactinium-234	U	0.26	pCi/G	0.45	0.0006 EPA-907
Technetium-99		3.94	pCi/G	0.07	6E-05 DNT
Thorium-230		11.7	pCi/G	0.47	0.0001 EPA-907
Uranium-234		7.05	pCi/G	0.27	3E-05 EPA-907
Uranium-235/236		0.81	pCi/G	0.1	3E-05 EPA-907
Uranium-238		29.8	pCi/G	0.55	4E-05 EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.04	mg/kg	0.04	SW846-8270
1,2,4-Trichlorobenzene	U	0.05	mg/kg	0.05	SW846-8270
1,2-Dichlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg	0.0002	SW846-8260
1,2-Diphenylhydrazine	U	0.035	mg/kg	0.035	SW846-8270
1,3-Dichlorobenzene	U	0.05	mg/kg	0.05	SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg	0.0002	SW846-8260
1,4-Dichlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg	0.0002	SW846-8260
1-Chloronaphtalene	U	0.05	mg/kg	0.05	SW846-8270
1-Naphthalenamine	U	0.19	mg/kg	0.19	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.06	mg/kg	0.06	SW846-8270
2,4,5-Trichlorophenol	U	0.045	mg/kg	0.045	SW846-8270
2,4,6-Trichlorophenol	U	0.05	mg/kg	0.05	SW846-8270
2,4-Dichlorophenol	U	0.045	mg/kg	0.045	SW846-8270
2,4-Dimethylphenol	U	0.12	mg/kg	0.12	SW846-8270
2,4-Dinitrophenol	U	0.25	mg/kg	0.25	SW846-8270
2,4-Dinitrotoluene	U	0.075	mg/kg	0.075	SW846-8270
2,6-Dichlorophenol	U	0.05	mg/kg	0.05	SW846-8270
2,6-Dinitrotoluene	U	0.04	mg/kg	0.04	SW846-8270
2-Chloronaphtalene	U	0.02	mg/kg	0.02	SW846-8270
2-Chlorophenol	U	0.055	mg/kg	0.055	SW846-8270

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1020903

WAG 22 (SWMU 2)

2-Methyl-4,6-dinitrophenol	U	0.26	mg/kg	0.26	SW846-8270
2-Methylnaphthalene	J	0.36	mg/kg	0.045	SW846-8270
2-Methylphenol	U	0.04	mg/kg	0.04	SW846-8270
2-Methylpyridine	U	0.34	mg/kg	0.34	SW846-8270
2-Naphthalenamine	U	0.33	mg/kg	0.33	SW846-8270
2-Nitrobenzenamine	U	0.05	mg/kg	0.05	SW846-8270
2-Nitrophenol	U	0.045	mg/kg	0.045	SW846-8270
3,3'-Dichlorobenzidine	U	0.18	mg/kg	0.18	SW846-8270
3-Methylcholanthrene	U	0.1	mg/kg	0.1	SW846-8270
3-Nitrobenzenamine	U	0.13	mg/kg	0.13	SW846-8270
4-Aminobiphenyl	U	0.29	mg/kg	0.29	SW846-8270
4-Bromophenyl phenyl ether	U	0.04	mg/kg	0.04	SW846-8270
4-Chloro-3-methylphenol	U	0.05	mg/kg	0.05	SW846-8270
4-Chlorobenzenamine	U	0.24	mg/kg	0.24	SW846-8270
4-Chlorophenyl phenyl ether	U	0.035	mg/kg	0.035	SW846-8270
4-Methylphenol	J	0.061	mg/kg	0.04	SW846-8270
4-Nitrobenzenamine	U	0.33	mg/kg	0.33	SW846-8270
4-Nitrophenol	U	0.11	mg/kg	0.11	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.43	mg/kg	0.43	SW846-8270
a,a-Dimethylphenethylamine	U	0.065	mg/kg	0.065	SW846-8270
Acenaphthene	U	0.04	mg/kg	0.04	SW846-8270
Acenaphthylene	U	0.04	mg/kg	0.04	SW846-8270
Acetophenone	U	0.04	mg/kg	0.04	SW846-8270
Aniline	U	0.26	mg/kg	0.26	SW846-8270
Anthracene	U	0.045	mg/kg	0.045	SW846-8270
Benz(a)anthracene	U	0.04	mg/kg	0.04	SW846-8270
Benzenemethanol	U	0.05	mg/kg	0.05	SW846-8270
Benzidine	U	1.6	mg/kg	1.6	SW846-8270
Benzo(a)pyrene	U	0.045	mg/kg	0.045	SW846-8270
Benzo(b)fluoranthene	J	0.12	mg/kg	0.05	SW846-8270
Benzo(ghi)perylene	U	0.095	mg/kg	0.095	SW846-8270
Benzo(k)fluoranthene	U	0.05	mg/kg	0.05	SW846-8270
Benzoic acid	U	0.13	mg/kg	0.13	SW846-8270
Bis(2-chloroethoxy)methane	U	0.045	mg/kg	0.045	SW846-8270
Bis(2-chloroethyl) ether	U	0.055	mg/kg	0.055	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.28	mg/kg	0.28	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.57	mg/kg	0.57	SW846-8270
Butyl benzyl phthalate	U	0.64	mg/kg	0.64	SW846-8270
Chrysene	J	0.094	mg/kg	0.05	SW846-8270
Dibenz(a,h)anthracene	U	0.06	mg/kg	0.06	SW846-8270
Dibenzofuran	J	0.091	mg/kg	0.02	SW846-8270
Diethyl phthalate	U	0.055	mg/kg	0.055	SW846-8270
Dimethyl phthalate	U	0.045	mg/kg	0.045	SW846-8270
Di-n-butyl phthalate	U	0.3	mg/kg	0.3	SW846-8270
Di-n-octylphthalate	U	0.055	mg/kg	0.055	SW846-8270
Ethyl methanesulfonate	U	0.04	mg/kg	0.04	SW846-8270
Fluoranthene	J	0.17	mg/kg	0.05	SW846-8270
Fluorene	U	0.045	mg/kg	0.045	SW846-8270
Hexachlorobenzene	U	0.035	mg/kg	0.035	SW846-8270
Hexachlorobutadiene	U	0.04	mg/kg	0.04	SW846-8270
Hexachlorocyclopentadiene	U	0.03	mg/kg	0.03	SW846-8270
Hexachloroethane	U	0.045	mg/kg	0.045	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.065	mg/kg	0.065	SW846-8270
Isophorone	U	0.045	mg/kg	0.045	SW846-8270
Methyl methanesulfonate	U	0.34	mg/kg	0.34	SW846-8270

SWMU2-15

1020903

WAG 22 (SWMU 2)

Naphthalene	J	0.18	mg/kg	0.05	SW846-8270
Nitrobenzene	U	0.17	mg/kg	0.17	SW846-8270
N-Nitrosodimethylamine	U	0.085	mg/kg	0.085	SW846-8270
N-Nitroso-di-n-propylamine	U	0.06	mg/kg	0.06	SW846-8270
N-Nitrosodiphenylamine	U	0.02	mg/kg	0.02	SW846-8270
N-Nitrosopiperidine	U	0.04	mg/kg	0.04	SW846-8270
p-Dimethylaminoazobenzene	U	0.1	mg/kg	0.1	SW846-8270
Pentachlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
Pentachloronitrobenzene	U	0.065	mg/kg	0.065	SW846-8270
Pentachlorophenol	U	0.045	mg/kg	0.045	SW846-8270
Phenacetin	U	0.07	mg/kg	0.07	SW846-8270
Phenanthrene	J	0.3	mg/kg	0.04	SW846-8270
Phenol	U	0.045	mg/kg	0.045	SW846-8270
Pronamide	U	0.06	mg/kg	0.06	SW846-8270
Pyrene	J	0.2	mg/kg	0.08	SW846-8270
Pyridine	U	0.27	mg/kg	0.27	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.00022	mg/kg	0.0002	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	0.0001	SW846-8260
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	0.0009	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	0.0001	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	0.0004	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	0.0008	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	0.0003	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	0.0005	SW846-8260
2-Butanone	U	0.0018	mg/kg	0.0018	SW846-8260
2-Hexanone	U	0.00039	mg/kg	0.0004	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	0.0006	SW846-8260
Acetone	U	0.0041	mg/kg	0.0041	SW846-8260
Benzene	U	0.00039	mg/kg	0.0004	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	0.0003	SW846-8260
Bromoform	U	0.0002	mg/kg	0.0002	SW846-8260
Bromomethane	U	0.00067	mg/kg	0.0007	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	0.0007	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	0.0006	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	0.0004	SW846-8260
Chloroethane	U	0.00087	mg/kg	0.0009	SW846-8260
Chloroform	U	0.00032	mg/kg	0.0003	SW846-8260
Chloromethane	U	0.0013	mg/kg	0.0013	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	0.0005	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	0.0002	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	0.0002	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	0.0006	SW846-8260
Methylene chloride	BJ	0.0013	mg/kg	0.0004	SW846-8260
Styrene	U	0.00026	mg/kg	0.0003	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	0.0005	SW846-8260
Toluene	U	0.00075	mg/kg	0.0008	SW846-8260
Total Xylene	U	0.0011	mg/kg	0.0011	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	0.0006	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	0.0002	SW846-8260
Trichloroethene	U	0.00056	mg/kg	0.0006	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	0.0007	SW846-8260

SWMU2-17

1020903

WAG 22 (SWMU 2)

S17111

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		9.87	pCi/G	7.46		RL-7119
Americium-241		0.27	pCi/G	0.05	1E-05	EPA-907
Beta activity		17.86	pCi/G	6.41		RL-7119
Cesium-137		0.1	pCi/G	0.04	4E-05	EPA-907
Neptunium-237		0.04	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	0.08	pCi/G	0.19	0.0003	EPA-907
Technetium-99		0.23	pCi/G	0.04	6E-05	DNT
Thorium-230		1.67	pCi/G	0.25	0.0001	EPA-907
Uranium-234		1.75	pCi/G	0.13	4E-05	EPA-907
Uranium-235/236		0.11	pCi/G	0.04	3E-05	EPA-907
Uranium-238		2.2	pCi/G	0.15	3E-05	EPA-907

S17202

Collected: 9/27/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	13.4	pCi/G			RL-7119
Americium-241		0.12	pCi/G	0.04	2E-05	EPA-907
Beta activity	U	14.2	pCi/G			RL-7119
Cesium-137	U	-0.018	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.01	1E-05	EPA-907
Protactinium-234	U	-0.0065	pCi/G	0.16	0.0003	EPA-907
Technetium-99		0.01	pCi/G	0.03	6E-05	DNT
Thorium-230		0.82	pCi/G	0.1	3E-05	EPA-907
Uranium-234		0.93	pCi/G	0.1	4E-05	EPA-907
Uranium-235/236		0.05	pCi/G	0.03	1E-05	EPA-907
Uranium-238		0.97	pCi/G	0.1	4E-05	EPA-907
VOA						
Trichloroethene	U	0.00039	mg/kg		0.0004	SW846-8260

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SWMU2-17

1020903

WAG 22 (SWMU 2)

S17211

Collected: 9/27/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	13.4	pCi/G			RL-7119
Americium-241		0.14	pCi/G	0.04	3E-05	EPA-907
Beta activity	U	14.2	pCi/G			RL-7119
Cesium-137	U	-0.012	pCi/G	0.03	5E-05	EPA-907
Neptunium-237		0.04	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	4E-05	EPA-907
Protactinium-234	U	-0.11	pCi/G	0.24	0.0003	EPA-907
Technetium-99		0.28	pCi/G	0.04	6E-05	DNT
Thorium-230		1.03	pCi/G	0.13	4E-05	EPA-907
Uranium-234		0.81	pCi/G	0.09	3E-05	EPA-907
Uranium-235/236		0.1	pCi/G	0.03	1E-05	EPA-907
Uranium-238		0.95	pCi/G	0.1	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00039	mg/kg		0.0004	SW846-8260

S17212

Collected: 9/27/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	13.4	pCi/G			RL-7119
Americium-241		0.09	pCi/G	0.03	3E-05	EPA-907
Beta activity	U	14.2	pCi/G			RL-7119
Cesium-137	U	0.0006	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0.03	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.09	pCi/G	0.03	2E-05	EPA-907
Protactinium-234	U	-0.019	pCi/G	0.15	0.0003	EPA-907
Technetium-99		0.06	pCi/G	0.03	6E-05	DNT
Thorium-230		0.9	pCi/G	0.14	6E-05	EPA-907
Uranium-234		0.92	pCi/G	0.1	4E-05	EPA-907
Uranium-235/236		0.05	pCi/G	0.03	3E-05	EPA-907
Uranium-238		0.95	pCi/G	0.1	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00039	mg/kg		0.0004	SW846-8260

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SWMU2-17

1020903

WAG 22 (SWMU 2)

S17213

Collected: 10/11/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		1.82	pCi/G	1.01		RL-7119
Americium-241		0.48	pCi/G	0.08	3E-05	EPA-907
Beta activity		0.88	pCi/G	0.37		RL-7119
Cesium-137	U	-0.0082	pCi/G	0.03	5E-05	EPA-907
Neptunium-237	U	0.03	pCi/G	0.01	7E-05	EPA-907
Plutonium-239		0.04	pCi/G	0.03	3E-05	EPA-907
Protactinium-234	U	0.08	pCi/G	0.21	0.0004	EPA-907
Technetium-99		0.02	pCi/G	0.03	5E-05	DNT
Thorium-230		1.35	pCi/G	0.22	0.0001	EPA-907
Uranium-234		1.17	pCi/G	0.13	0.0001	EPA-907
Uranium-235/236		0.06	pCi/G	0.05	8E-05	EPA-907
Uranium-238		1.27	pCi/G	0.13	4E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S17214

Collected: 10/11/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		1.27	pCi/G	0.85		RL-7119
Americium-241		0.1	pCi/G	0.03	3E-05	EPA-907
Beta activity		0.35	pCi/G	0.18		RL-7119
Cesium-137	U	-0.02	pCi/G	0.02	4E-05	EPA-907
Neptunium-237	U	0.03	pCi/G	0	7E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	-0.043	pCi/G	0.17	0.0003	EPA-907
Technetium-99		0.03	pCi/G	0.03	6E-05	DNT
Thorium-230		0.65	pCi/G	0.09	4E-05	EPA-907
Uranium-234		0.6	pCi/G	0.08	5E-05	EPA-907
Uranium-235/236		0.05	pCi/G	0.03	3E-05	EPA-907
Uranium-238		0.71	pCi/G	0.09	6E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-17

1020903

WAG 22 (SWMU 2)

S17215

Collected: 10/11/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	B	13	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		0.58	pCi/G	0.58		RL-7119
Americium-241		0.04	pCi/G	0.03	4E-05	EPA-907
Beta activity		-9	pCi/G	0.05		RL-7119
Cesium-137	U	0	pCi/G	0.01	2E-05	EPA-907
Neptunium-237	U	0.03	pCi/G	0.0047	6E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	0.01	pCi/G	0.11	0.0002	EPA-907
Technetium-99		0.05	pCi/G	0.04	6E-05	DNT
Thorium-230		0.29	pCi/G	0.06	4E-05	EPA-907
Uranium-234		0.57	pCi/G	0.08	5E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	3E-05	EPA-907
Uranium-238		0.29	pCi/G	0.06	6E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

SWMU2-2

1020903

WAG 22 (SWMU 2)

S02211

Collected: 7/12/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		7.7	mg/kg		0.24	SW846-6010
Barium		120	mg/kg		0.12	SW846-6010
Beryllium	B	0.42	mg/kg		0.043	SW846-6010
Cadmium	B	0.25	mg/kg		0.033	SW846-6010
Chromium		15	mg/kg		0.39	SW846-6010
Manganese		370	mg/kg		0.14	SW846-6010
Nickel		9.5	mg/kg		0.89	SW846-6010
Silver	B	1.2	mg/kg		0.16	SW846-6010
Thallium	U	1.2	mg/kg		0.43	SW846-6010
Uranium	U	12	mg/kg		1.5	SW846-6010
Vanadium		21	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		3.6	pCi/G	1.65		RL-7119
Americium-241		0.18	pCi/G	0.06	2E-05	EPA-907
Beta activity		5.28	pCi/G	1.14		RL-7119
Cesium-137		0.05	pCi/G	0.05	5E-05	EPA-907
Neptunium-237		0.02	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.06	pCi/G	0.03	3E-05	EPA-907
Protactinium-234	U	0.06	pCi/G	0.18	0.0003	EPA-907
Technetium-99		0.51	pCi/G	0.04	7E-05	DNT
Thorium-230		1.26	pCi/G	0.12	7E-05	EPA-907
Uranium-234		1.15	pCi/G	0.1	3E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	3E-05	EPA-907
Uranium-238		1.82	pCi/G	0.13	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene		2.7	mg/kg		0.056	SW846-8260
trans-1,2-Dichloroethene	U	0.069	mg/kg		0.069	SW846-8260
Trichloroethene	U	0.07	mg/kg		0.07	SW846-8260
Vinyl chloride	U	0.09	mg/kg		0.09	SW846-8260

SWMU2-2

1020903

WAG 22 (SWMU 2)

S02212

Collected: 7/19/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		22	mg/kg		0.24	SW846-6010
Barium		140	mg/kg		0.12	SW846-6010
Beryllium	B	0.82	mg/kg		0.043	SW846-6010
Cadmium	B	0.26	mg/kg		0.033	SW846-6010
Chromium		21	mg/kg		0.39	SW846-6010
Manganese		1200	mg/kg		0.14	SW846-6010
Nickel		13	mg/kg		0.89	SW846-6010
Silver	U	1.3	mg/kg		0.16	SW846-6010
Thallium	U	1.3	mg/kg		0.43	SW846-6010
Uranium		33	mg/kg		1.5	SW846-6010
Vanadium		38	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248		4.2	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		8.26	pCi/G	2.61		RL-7119
Americium-241		0.15	pCi/G	0.07	7E-05	EPA-907
Beta activity		18.52	pCi/G	2.45		RL-7119
Cesium-137	U	0.02	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		-0.0028	pCi/G	0.02	5E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	0.09	pCi/G	0.21	0.0003	EPA-907
Technetium-99		0.23	pCi/G	0.04	7E-05	DNT
Thorium-230		1.17	pCi/G	0.11	3E-05	EPA-907
Uranium-234		2.07	pCi/G	0.14	3E-05	EPA-907
Uranium-235/236		0.38	pCi/G	0.07	3E-05	EPA-907
Uranium-238		8.02	pCi/G	0.28	4E-05	EPA-907
VOA						
cis-1,2-Dichloroethene		130	mg/kg		0.56	SW846-8260
trans-1,2-Dichloroethene	U	0.069	mg/kg		0.069	SW846-8260
Trichloroethene		140	mg/kg		0.7	SW846-8260
Vinyl chloride	J	1.4	mg/kg		0.09	SW846-8260

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SWMU2-3

1020903

WAG 22 (SWMU 2)

S03211

Collected: 8/8/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	24	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		6.54	pCi/G	3.38		RL-7119
Americium-241		0.12	pCi/G	0.04	4E-05	EPA-907
Beta activity		2.02	pCi/G	0.82		RL-7119
Cesium-137	U	-0.034	pCi/G	0.04	6E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.01	1E-05	EPA-907
Protactinium-234	U	0.23	pCi/G	0.37	0.0005	EPA-907
Technetium-99		-0.0097	pCi/G	0.03	5E-05	DNT
Thorium-230		1.06	pCi/G	0.1	2E-05	EPA-907
Uranium-234		0.77	pCi/G	0.09	4E-05	EPA-907
Uranium-235/236		0.07	pCi/G	0.03	2E-05	EPA-907
Uranium-238		0.75	pCi/G	0.09	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S03212

Collected: 8/8/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	B	22	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		0.84	pCi/G	0.75		RL-7119
Americium-241		0.08	pCi/G	0.03	2E-05	EPA-907
Beta activity		3.17	pCi/G	0.96		RL-7119
Cesium-137		0.15	pCi/G	0.08	4E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.01	2E-05	EPA-907
Plutonium-239		0	pCi/G	0.01	3E-05	EPA-907
Protactinium-234	U	0.03	pCi/G	0.15	0.0003	EPA-907
Technetium-99		-0.0208	pCi/G	0.04	7E-05	DNT
Thorium-230		0.56	pCi/G	0.08	3E-05	EPA-907
Uranium-234		0.58	pCi/G	0.07	3E-05	EPA-907
Uranium-235/236		0.04	pCi/G	0.02	2E-05	EPA-907
Uranium-238		0.62	pCi/G	0.08	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-3

1020903

WAG 22 (SWMU 2)

S03213

Collected: 8/8/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	23	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		3.26	pCi/G	1.74		RL-7119
Americium-241		0.09	pCi/G	0.03	3E-05	EPA-907
Beta activity		0.45	pCi/G	0.2		RL-7119
Cesium-137		0.13	pCi/G	0.05	4E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0	pCi/G	0.04	8E-05	EPA-907
Protactinium-234	U	-0.17	pCi/G	0.27	0.0003	EPA-907
Technetium-99		-0.0232	pCi/G	0.04	6E-05	DNT
Thorium-230		0.76	pCi/G	0.09	2E-05	EPA-907
Uranium-234		0.86	pCi/G	0.1	2E-05	EPA-907
Uranium-235/236		0.12	pCi/G	0.04	1E-05	EPA-907
Uranium-238		0.93	pCi/G	0.1	1E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S03205

Collected: 8/16/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	12	pCi/G			RL-7119
Americium-241		0.06	pCi/G	0.03	1E-05	EPA-907
Beta activity	U	17	pCi/G			RL-7119
Cesium-137	U	-0.016	pCi/G	0.02	3E-05	EPA-907
Neptunium-237		-0.003	pCi/G	0.03	5E-05	EPA-907
Plutonium-239		-0.0057	pCi/G	0.02	4E-05	EPA-907
Protactinium-234	U	0.01	pCi/G	0.13	0.0002	EPA-907
Technetium-99		0.0006	pCi/G	0.03	6E-05	DNT
Thorium-230		0.55	pCi/G	0.08	2E-05	EPA-907
Uranium-234		0.63	pCi/G	0.08	3E-05	EPA-907
Uranium-235/236		0.04	pCi/G	0.02	2E-05	EPA-907
Uranium-238		0.53	pCi/G	0.07	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-3

1020903

WAG 22 (SWMU 2)

S03214

Collected: 8/16/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	12	pCi/G			RL-7119
Americium-241		0.39	pCi/G	0.07	3E-05	EPA-907
Beta activity	U	17	pCi/G			RL-7119
Cesium-137	U	-0.017	pCi/G	0.03	4E-05	EPA-907
Neptunium-237		0	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	4E-05	EPA-907
Protactinium-234	U	0.01	pCi/G	0.21	0.0004	EPA-907
Technetium-99		0.01	pCi/G	0.03	6E-05	DNT
Thorium-230		1.23	pCi/G	0.19	9E-05	EPA-907
Uranium-234		0.93	pCi/G	0.1	5E-05	EPA-907
Uranium-235/236		0.07	pCi/G	0.03	2E-05	EPA-907
Uranium-238		1.14	pCi/G	0.11	4E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S03215

Collected: 8/16/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	12	pCi/G			RL-7119
Americium-241		0.08	pCi/G	0.03	3E-05	EPA-907
Beta activity	U	17	pCi/G			RL-7119
Cesium-137	U	0	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0.02	pCi/G	0.03	5E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	-0.0009	pCi/G	0.16	0.0003	EPA-907
Technetium-99		-0.0142	pCi/G	0.05	8E-05	DNT
Thorium-230		0.49	pCi/G	0.09	4E-05	EPA-907
Uranium-234		0.61	pCi/G	0.08	4E-05	EPA-907
Uranium-235/236		0.02	pCi/G	0.02	3E-05	EPA-907
Uranium-238		0.69	pCi/G	0.08	2E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-3

1020903

WAG 22 (SWMU 2)

S03216

Collected: 9/30/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		3.48	pCi/G	2.46		RL-7119
Americium-241		0.18	pCi/G	0.05	3E-05	EPA-907
Beta activity	U	4.19	pCi/G			RL-7119
Cesium-137	U	0.03	pCi/G	0.04	6E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.05	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	0.03	pCi/G	0.21	0.0004	EPA-907
Thorium-230		1.51	pCi/G	0.15	4E-05	EPA-907
Uranium-234		1.2	pCi/G	0.14	5E-05	EPA-907
Uranium-235/236		0.11	pCi/G	0.05	1E-05	EPA-907
Uranium-238		1.2	pCi/G	0.14	5E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

SWMU2-4

1020903

WAG 22 (SWMU 2)

S04211

Collected: 8/5/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		21	mg/kg		0.24	SW846-6010
Barium		97	mg/kg		0.12	SW846-6010
Beryllium	B	0.49	mg/kg		0.043	SW846-6010
Cadmium	U	0.26	mg/kg		0.033	SW846-6010
Chromium		13	mg/kg		0.39	SW846-6010
Manganese		180	mg/kg		0.14	SW846-6010
Nickel		7.8	mg/kg		0.89	SW846-6010
Silver	U	2.6	mg/kg		0.16	SW846-6010
Thallium		1.7	mg/kg		0.43	SW846-6010
Uranium	U	26	mg/kg		1.6	SW846-6010
Vanadium		21	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		8.44	pCi/G	7.55		RL-7119
Americium-241		0.28	pCi/G	0.06	5E-05	EPA-907
Beta activity		-5	pCi/G	-4		RL-7119
Cesium-137	U	0	pCi/G	0.04	8E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0	pCi/G	0.01	3E-05	EPA-907
Protactinium-234	U	0.15	pCi/G	0.37	0.0006	EPA-907
Technetium-99		0.06	pCi/G	0.04	6E-05	DNT
Thorium-230		1.52	pCi/G	0.13	4E-05	EPA-907
Uranium-234		1.04	pCi/G	0.1	4E-05	EPA-907
Uranium-235/236		0.03	pCi/G	0.03	5E-05	EPA-907
Uranium-238		1.08	pCi/G	0.1	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	J	0.0019	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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SWMU2-4

1020903

WAG 22 (SWMU 2)

S04213

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		7.6	mg/kg		0.24	SW846-6010
Barium		120	mg/kg		0.12	SW846-6010
Beryllium	B	0.45	mg/kg		0.043	SW846-6010
Cadmium	B	0.042	mg/kg		0.033	SW846-6010
Chromium		11	mg/kg		0.39	SW846-6010
Manganese		130	mg/kg		0.14	SW846-6010
Nickel		19	mg/kg		0.89	SW846-6010
Silver	U	2.5	mg/kg		0.16	SW846-6010
Thallium	B	1.2	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		11	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		10.5	pCi/G	8.57		RL-7119
Americium-241		0.14	pCi/G	0.04	2E-05	EPA-907
Beta activity		8.16	pCi/G	3.75		RL-7119
Cesium-137	U	-0.014	pCi/G	0.05	8E-05	EPA-907
Neptunium-237		0.04	pCi/G	0.02	2E-05	EPA-907
Plutonium-239		-0.003	pCi/G	0.01	3E-05	EPA-907
Protactinium-234	U	-0.088	pCi/G	0.35	0.0006	EPA-907
Technetium-99		-0.0299	pCi/G	0.04	6E-05	DNT
Thorium-230		1.06	pCi/G	0.1	2E-05	EPA-907
Uranium-234		0.71	pCi/G	0.09	4E-05	EPA-907
Uranium-235/236		0.04	pCi/G	0.03	3E-05	EPA-907
Uranium-238		0.71	pCi/G	0.08	2E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

SWMU2-4

1020903

WAG 22 (SWMU 2)

S04214

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		8.5	mg/kg		0.24	SW846-6010
Barium		140	mg/kg		0.12	SW846-6010
Beryllium	B	0.55	mg/kg		0.043	SW846-6010
Cadmium	B	0.093	mg/kg		0.033	SW846-6010
Chromium		17	mg/kg		0.39	SW846-6010
Manganese		130	mg/kg		0.14	SW846-6010
Nickel		17	mg/kg		0.89	SW846-6010
Silver	U	2.4	mg/kg		0.16	SW846-6010
Thallium		1.2	mg/kg		0.43	SW846-6010
Uranium	U	24	mg/kg		1.6	SW846-6010
Vanadium		17	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		0	pCi/G	0		RL-7119
Americium-241		0.13	pCi/G	0.04	2E-05	EPA-907
Beta activity		0	pCi/G	0		RL-7119
Cesium-137	U	0.03	pCi/G	0.05	9E-05	EPA-907
Neptunium-237		-0.0093	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		-0.0027	pCi/G	0.01	3E-05	EPA-907
Protactinium-234	U	-0.24	pCi/G	0.42	0.0005	EPA-907
Technetium-99		0	pCi/G	0.04	6E-05	DNT
Thorium-230		1.04	pCi/G	0.1	3E-05	EPA-907
Uranium-234		0.76	pCi/G	0.08	3E-05	EPA-907
Uranium-235/236		0.09	pCi/G	0.03	2E-05	EPA-907
Uranium-238		0.84	pCi/G	0.09	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

SWMU2-4

1020903

WAG 22 (SWMU 2)

S04212

Collected: 8/24/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		9.9	mg/kg		0.24	SW846-6010
Barium		110	mg/kg		0.12	SW846-6010
Beryllium	B	0.51	mg/kg		0.043	SW846-6010
Cadmium	B	0.051	mg/kg		0.033	SW846-6010
Chromium		13	mg/kg		0.39	SW846-6010
Manganese		130	mg/kg		0.14	SW846-6010
Nickel		15	mg/kg		0.89	SW846-6010
Silver	U	2.5	mg/kg		0.16	SW846-6010
Thallium		1.3	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		13	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		0.2	pCi/G	0.28		RL-7119
Americium-241		0.15	pCi/G	0.05	3E-05	EPA-907
Beta activity		-4.08	pCi/G	-2.58		RL-7119
Cesium-137	U	0.07	pCi/G	0.06	9E-05	EPA-907
Neptunium-237		0.02	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	0.06	pCi/G	0.32	0.0006	EPA-907
Technetium-99		0.03	pCi/G	0.04	6E-05	DNT
Thorium-230		1.08	pCi/G	0.11	4E-05	EPA-907
Uranium-234		0.79	pCi/G	0.09	4E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	2E-05	EPA-907
Uranium-238		1.04	pCi/G	0.1	4E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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SWMU2-5

1020903

WAG 22 (SWMU 2)

S05214

Collected: 7/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	24	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		8.04	pCi/G	7.19		RL-7119
Americium-241		0.11	pCi/G	0.03	2E-05	EPA-907
Beta activity		2.72	pCi/G	1.41		RL-7119
Cesium-137	U	-0.029	pCi/G	0.04	7E-05	EPA-907
Neptunium-237		0.02	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0	pCi/G	0.01	2E-05	EPA-907
Protactinium-234	U	0.09	pCi/G	0.34	0.0006	EPA-907
Technetium-99		-0.0374	pCi/G	0.04	6E-05	DNT
Thorium-230		0.83	pCi/G	0.09	3E-05	EPA-907
Uranium-234		0.69	pCi/G	0.08	4E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	2E-05	EPA-907
Uranium-238		0.8	pCi/G	0.09	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S05211

Collected: 8/20/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	12	mg/kg		1.3	SW846-6010
RADS						
Alpha activity		6.58	pCi/G	3.8		RL-7119
Americium-241		0.15	pCi/G	0.04	3E-05	EPA-907
Beta activity		2.4	pCi/G	1.33		RL-7119
Cesium-137	U	0.03	pCi/G	0.04	7E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	0.0001	pCi/G	0.24	0.0004	EPA-907
Technetium-99		0.03	pCi/G	0.04	6E-05	DNT
Thorium-230		1.07	pCi/G	0.11	3E-05	EPA-907
Uranium-234		0.76	pCi/G	0.09	4E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	1E-05	EPA-907
Uranium-238		0.86	pCi/G	0.1	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-5

1020903

WAG 22 (SWMU 2)

S05212

Collected: 8/20/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	B	11	mg/kg		1.3	SW846-6010
RADS						
Alpha activity		0.35	pCi/G	0.41		RL-7119
Americium-241		0.08	pCi/G	0.03	2E-05	EPA-907
Beta activity		5.59	pCi/G	2.24		RL-7119
Cesium-137	U	0.01	pCi/G	0.02	3E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.01	1E-05	EPA-907
Plutonium-239		-0.011	pCi/G	0.02	4E-05	EPA-907
Protactinium-234	U	-0.14	pCi/G	0.21	0.0002	EPA-907
Technetium-99		-0.0131	pCi/G	0.04	6E-05	DNT
Thorium-230		0.68	pCi/G	0.08	3E-05	EPA-907
Uranium-234		0.52	pCi/G	0.07	3E-05	EPA-907
Uranium-235/236		0.03	pCi/G	0.02	1E-05	EPA-907
Uranium-238		0.52	pCi/G	0.07	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S05215

Collected: 8/24/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	24	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		1.55	pCi/G	1.27		RL-7119
Americium-241		0.08	pCi/G	0.03	1E-05	EPA-907
Beta activity		1.68	pCi/G	0.72		RL-7119
Cesium-137	U	-0.015	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	-0.23	pCi/G	0.31	0.0003	EPA-907
Technetium-99		-0.0291	pCi/G	0.04	6E-05	DNT
Thorium-230		0.56	pCi/G	0.08	2E-05	EPA-907
Uranium-234		0.48	pCi/G	0.07	3E-05	EPA-907
Uranium-235/236		0.05	pCi/G	0.02	1E-05	EPA-907
Uranium-238		0.52	pCi/G	0.07	2E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-5

1020903

WAG 22 (SWMU 2)

S05213

Collected: 9/13/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	23	mg/kg		1.6	SW846-6010
RADS						
Americium-241		0.1	pCi/G	0.04	3E-05	EPA-907
Cesium-137	U	0.03	pCi/G	0.05	9E-05	EPA-907
Neptunium-237		0	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	0.07	pCi/G	0.28	0.0005	EPA-907
Technetium-99		0.29	pCi/G	0.04	6E-05	DNT
Thorium-230		0.88	pCi/G	0.09	2E-05	EPA-907
Uranium-234		0.87	pCi/G	0.1	4E-05	EPA-907
Uranium-235/236		0.11	pCi/G	0.04	3E-05	EPA-907
Uranium-238		0.8	pCi/G	0.09	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-6

1020903

WAG 22 (SWMU 2)

S06311

Collected: 8/9/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide	U	1.8	mg/kg		0.18	SW846-9012
METAL						
Aluminum		11000	mg/kg		18	SW846-6010
Antimony	B	0.5	mg/kg		0.46	SW846-7041
Arsenic		30	mg/kg		0.24	SW846-6010
Barium		150	mg/kg		0.22	SW846-6010
Beryllium	B	1.8	mg/kg		0.079	SW846-6010
Cadmium		0.45	mg/kg		0.033	SW846-6010
Calcium		5400	mg/kg		2.6	SW846-6010
Chromium		28	mg/kg		0.72	SW846-6010
Cobalt		11	mg/kg		0.7	SW846-6010
Copper		30	mg/kg		1	SW846-6010
Iron		42000	mg/kg		3.5	SW846-6010
Lead		29	mg/kg		0.17	SW846-6010
Magnesium		1400	mg/kg		1.6	SW846-6010
Manganese		540	mg/kg		0.26	SW846-6010
Mercury		0.43	mg/kg		0.034	SW846-7071
Molybdenum	B	18	mg/kg		0.76	SW846-6010
Nickel		37	mg/kg		1.6	SW846-6010
Potassium		1000	mg/kg		5.7	SW846-6010
Selenium		1.7	mg/kg		0.39	SW846-6010
Silver	B	1.2	mg/kg		0.3	SW846-6010
Sodium		180	mg/kg		28	SW846-6010
Thallium		4.5	mg/kg		0.43	SW846-6010
Tin	B	15	mg/kg		3	SW846-6010
Uranium		140	mg/kg		3	SW846-6010
Vanadium		31	mg/kg		0.3	SW846-6010
Zinc		140	mg/kg		1.8	SW846-6010
PPCB						
4,4'-DDD	U	0.07	mg/kg		0.07	SW846-8270
4,4'-DDD	U	0.00012	mg/kg		0.0001	SW846-8080
4,4'-DDE	U	0.06	mg/kg		0.06	SW846-8270
4,4'-DDE	U	4.2E-05	mg/kg		4E-05	SW846-8080
4,4'-DDT	U	0.04	mg/kg		0.04	SW846-8270
4,4'-DDT	U	4.3E-05	mg/kg		4E-05	SW846-8080
Aldrin	U	0.05	mg/kg		0.05	SW846-8270
Aldrin	U	0.00017	mg/kg		0.0002	SW846-8080
alpha-BHC	U	6.4E-05	mg/kg		6E-05	SW846-8080
alpha-BHC	U	0.04	mg/kg		0.04	SW846-8270
alpha-Chlordane	U	5.7E-05	mg/kg		6E-05	SW846-8080
beta-BHC	U	0.08	mg/kg		0.08	SW846-8270
beta-BHC	U	5.2E-05	mg/kg		5E-05	SW846-8080
delta-BHC	U	0.09	mg/kg		0.09	SW846-8270
delta-BHC		0.0065	mg/kg		8E-05	SW846-8080
Dieldrin	U	0.085	mg/kg		0.085	SW846-8270
Dieldrin	U	4.2E-05	mg/kg		4E-05	SW846-8080
Endosulfan I	U	0.00011	mg/kg		0.0001	SW846-8080
Endosulfan II	U	0.00016	mg/kg		0.0002	SW846-8080
Endosulfan sulfate	U	0.00022	mg/kg		0.0002	SW846-8080

*QUALIFIER Codes See attached List.

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WAG 22 (SWMU 2)

Endrin	U	9.7E-05	mg/kg	1E-04	SW846-8080
Endrin aldehyde	U	0.00015	mg/kg	0.0002	SW846-8080
Endrin ketone		0.0076	mg/kg	1E-04	SW846-8080
gamma-Chlordane	U	6.1E-05	mg/kg	6E-05	SW846-8080
Heptachlor	U	0.035	mg/kg	0.035	SW846-8270
Heptachlor	U	3.8E-05	mg/kg	4E-05	SW846-8080
Heptachlor epoxide	U	5.4E-05	mg/kg	5E-05	SW846-8080
Lindane	U	0.04	mg/kg	0.04	SW846-8270
Lindane	U	7.1E-05	mg/kg	7E-05	SW846-8080
Methoxychlor	U	0.02	mg/kg	0.02	SW846-8270
Methoxychlor	U	0.00035	mg/kg	0.0004	SW846-8080
PCB-1016	U	0.00092	mg/kg	0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg	0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg	0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg	0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg	0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg	0.0007	SW846-8080
PCB-1260		0.5	mg/kg	0.0008	SW846-8080
Toxaphene	U	0.013	mg/kg	0.013	SW846-8080

RADS

Alpha activity		42.09	pCi/G	15.63	RL-7119
Americium-241		0.87	pCi/G	0.1	4E-05 EPA-907
Beta activity		215.09	pCi/G	31.3	RL-7119
Cesium-137		51	pCi/G	9	0.0001 EPA-907
Neptunium-237		0.29	pCi/G	0.06	5E-05 EPA-907
Plutonium-239		16.1	pCi/G	0.39	2E-05 EPA-907
Protactinium-234	U	0.05	pCi/G	0.33	0.0006 EPA-907
Technetium-99		14.6	pCi/G	0.11	5E-05 DNT
Thorium-230		15.9	pCi/G	0.54	7E-05 EPA-907
Uranium-234		11.6	pCi/G	0.37	4E-05 EPA-907
Uranium-235/236		1.35	pCi/G	0.14	5E-05 EPA-907
Uranium-238		54.7	pCi/G	0.81	3E-05 EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.04	mg/kg	0.04	SW846-8270
1,2,4-Trichlorobenzene	U	0.05	mg/kg	0.05	SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg	0.0002	SW846-8260
1,2-Dichlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
1,2-Diphenylhydrazine	U	0.035	mg/kg	0.035	SW846-8270
1,3-Dichlorobenzene	U	0.05	mg/kg	0.05	SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg	0.0002	SW846-8260
1,4-Dichlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg	0.0002	SW846-8260
1-Chloronaphtalene	U	0.05	mg/kg	0.05	SW846-8270
1-Naphthalenamine	U	0.19	mg/kg	0.19	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.06	mg/kg	0.06	SW846-8270
2,4,5-Trichlorophenol	U	0.045	mg/kg	0.045	SW846-8270
2,4,6-Trichlorophenol	U	0.05	mg/kg	0.05	SW846-8270
2,4-Dichlorophenol	U	0.045	mg/kg	0.045	SW846-8270
2,4-Dimethylphenol	U	0.12	mg/kg	0.12	SW846-8270
2,4-Dinitrophenol	U	0.25	mg/kg	0.25	SW846-8270
2,4-Dinitrotoluene	U	0.075	mg/kg	0.075	SW846-8270
2,6-Dichlorophenol	U	0.05	mg/kg	0.05	SW846-8270
2,6-Dinitrotoluene	U	0.04	mg/kg	0.04	SW846-8270
2-Chloronaphtalene	U	0.02	mg/kg	0.02	SW846-8270
2-Chlorophenol	U	0.055	mg/kg	0.055	SW846-8270

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WAG 22 (SWMU 2)

2-Methyl-4,6-dinitrophenol	U	0.26	mg/kg	0.26	SW846-8270
2-Methylnaphthalene	J	0.69	mg/kg	0.045	SW846-8270
2-Methylphenol	U	0.04	mg/kg	0.04	SW846-8270
2-Methylpyridine	U	0.34	mg/kg	0.34	SW846-8270
2-Naphthalenamine	U	0.33	mg/kg	0.33	SW846-8270
2-Nitrobenzenamine	U	0.05	mg/kg	0.05	SW846-8270
2-Nitrophenol	U	0.045	mg/kg	0.045	SW846-8270
3,3'-Dichlorobenzidine	U	0.18	mg/kg	0.18	SW846-8270
3-Methylcholanthrene	U	0.1	mg/kg	0.1	SW846-8270
3-Nitrobenzenamine	U	0.13	mg/kg	0.13	SW846-8270
4-Aminobiphenyl	U	0.29	mg/kg	0.29	SW846-8270
4-Bromophenyl phenyl ether	U	0.04	mg/kg	0.04	SW846-8270
4-Chloro-3-methylphenol	U	0.05	mg/kg	0.05	SW846-8270
4-Chlorobenzenamine	U	0.24	mg/kg	0.24	SW846-8270
4-Chlorophenyl phenyl ether	U	0.035	mg/kg	0.035	SW846-8270
4-Methylphenol	U	0.04	mg/kg	0.04	SW846-8270
4-Nitrobenzenamine	U	0.33	mg/kg	0.33	SW846-8270
4-Nitrophenol	U	0.11	mg/kg	0.11	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.43	mg/kg	0.43	SW846-8270
a,a-Dimethylphenethylamine	U	0.065	mg/kg	0.065	SW846-8270
Acenaphthene	U	0.04	mg/kg	0.04	SW846-8270
Acenaphthylene	U	0.04	mg/kg	0.04	SW846-8270
Acetophenone	U	0.04	mg/kg	0.04	SW846-8270
Aniline	U	0.26	mg/kg	0.26	SW846-8270
Anthracene	U	0.045	mg/kg	0.045	SW846-8270
Benz(a)anthracene	J	0.13	mg/kg	0.04	SW846-8270
Benzenemethanol	U	0.05	mg/kg	0.05	SW846-8270
Benzidine	U	1.6	mg/kg	1.6	SW846-8270
Benzo(a)pyrene	J	0.14	mg/kg	0.045	SW846-8270
Benzo(b)fluoranthene	J	0.27	mg/kg	0.05	SW846-8270
Benzo(ghi)perylene	J	0.15	mg/kg	0.095	SW846-8270
Benzo(k)fluoranthene	U	0.05	mg/kg	0.05	SW846-8270
Benzoic acid	U	0.13	mg/kg	0.13	SW846-8270
Bis(2-chloroethoxy)methane	U	0.045	mg/kg	0.045	SW846-8270
Bis(2-chloroethyl) ether	U	0.055	mg/kg	0.055	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.28	mg/kg	0.28	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.57	mg/kg	0.57	SW846-8270
Butyl benzyl phthalate	U	0.64	mg/kg	0.64	SW846-8270
Chrysene	J	0.17	mg/kg	0.05	SW846-8270
Dibenz(a,h)anthracene	U	0.06	mg/kg	0.06	SW846-8270
Dibenzofuran	J	0.18	mg/kg	0.02	SW846-8270
Diethyl phthalate	U	0.055	mg/kg	0.055	SW846-8270
Dimethyl phthalate	U	0.045	mg/kg	0.045	SW846-8270
Di-n-butyl phthalate	U	0.3	mg/kg	0.3	SW846-8270
Di-n-octylphthalate	U	0.055	mg/kg	0.055	SW846-8270
Ethyl methanesulfonate	U	0.04	mg/kg	0.04	SW846-8270
Fluoranthene	J	0.34	mg/kg	0.05	SW846-8270
Fluorene	U	0.045	mg/kg	0.045	SW846-8270
Hexachlorobenzene	U	0.035	mg/kg	0.035	SW846-8270
Hexachlorobutadiene	U	0.04	mg/kg	0.04	SW846-8270
Hexachlorocyclopentadiene	U	0.03	mg/kg	0.03	SW846-8270
Hexachloroethane	U	0.045	mg/kg	0.045	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.065	mg/kg	0.065	SW846-8270
Isophorone	U	0.045	mg/kg	0.045	SW846-8270
Methyl methanesulfonate	U	0.34	mg/kg	0.34	SW846-8270

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1020903

WAG 22 (SWMU 2)

Naphthalene	J	0.36	mg/kg	0.05	SW846-8270
Nitrobenzene	U	0.17	mg/kg	0.17	SW846-8270
N-Nitrosodimethylamine	U	0.085	mg/kg	0.085	SW846-8270
N-Nitroso-di-n-propylamine	U	0.06	mg/kg	0.06	SW846-8270
N-Nitrosodiphenylamine	U	0.02	mg/kg	0.02	SW846-8270
N-Nitrosopiperidine	U	0.04	mg/kg	0.04	SW846-8270
p-Dimethylaminoazobenzene	U	0.1	mg/kg	0.1	SW846-8270
Pentachlorobenzene	U	0.045	mg/kg	0.045	SW846-8270
Pentachloronitrobenzene	U	0.065	mg/kg	0.065	SW846-8270
Pentachlorophenol	U	0.045	mg/kg	0.045	SW846-8270
Phenacetin	U	0.07	mg/kg	0.07	SW846-8270
Phenanthrene	J	0.57	mg/kg	0.04	SW846-8270
Phenol	U	0.045	mg/kg	0.045	SW846-8270
Pronamide	U	0.06	mg/kg	0.06	SW846-8270
Pyrene	J	0.29	mg/kg	0.08	SW846-8270
Pyridine	U	0.27	mg/kg	0.27	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.00022	mg/kg	0.0002	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	0.0001	SW846-8260
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	0.0009	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	0.0001	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	0.0004	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	0.0008	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	0.0003	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	0.0005	SW846-8260
2-Butanone	U	0.0018	mg/kg	0.0018	SW846-8260
2-Hexanone	U	0.00039	mg/kg	0.0004	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	0.0006	SW846-8260
Acetone	U	0.0041	mg/kg	0.0041	SW846-8260
Benzene	U	0.00039	mg/kg	0.0004	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	0.0003	SW846-8260
Bromoform	U	0.0002	mg/kg	0.0002	SW846-8260
Bromomethane	U	0.00067	mg/kg	0.0007	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	0.0007	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	0.0006	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	0.0004	SW846-8260
Chloroethane	U	0.00087	mg/kg	0.0009	SW846-8260
Chloroform	U	0.00032	mg/kg	0.0003	SW846-8260
Chloromethane	U	0.0013	mg/kg	0.0013	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	0.0005	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	0.0002	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	0.0002	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	0.0006	SW846-8260
Methylene chloride	BJ	0.0011	mg/kg	0.0004	SW846-8260
Styrene	U	0.00026	mg/kg	0.0003	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	0.0005	SW846-8260
Toluene	U	0.00075	mg/kg	0.0008	SW846-8260
Total Xylene	U	0.0011	mg/kg	0.0011	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	0.0006	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	0.0002	SW846-8260
Trichloroethene	U	0.00056	mg/kg	0.0006	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	0.0007	SW846-8260

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SWMU2-7

1020903

WAG 22 (SWMU 2)

S07111

Collected: 8/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		80.57	pCi/G	23.02		RL-7119
Americium-241		0.18	pCi/G	0.05	3E-05	EPA-907
Beta activity		101.19	pCi/G	20.14		RL-7119
Cesium-137		0.27	pCi/G	0.08	5E-05	EPA-907
Neptunium-237		0.08	pCi/G	0.04	5E-05	EPA-907
Plutonium-239		0.07	pCi/G	0.03	3E-05	EPA-907
Protactinium-234	U	-0.092	pCi/G	0.21	0.0003	EPA-907
Technetium-99		2.73	pCi/G	0.06	6E-05	DNT
Thorium-230		1.32	pCi/G	0.15	6E-05	EPA-907
Uranium-234		12.3	pCi/G	0.41	5E-05	EPA-907
Uranium-235/236		4.11	pCi/G	0.27	1E-05	EPA-907
Uranium-238		65.6	pCi/G	0.96	4E-05	EPA-907

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SWMU2-8

1020903

WAG 22 (SWMU 2)

S08213

Collected: 7/30/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic		3.6	mg/kg		0.24	SW846-6010
Barium		100	mg/kg		0.12	SW846-6010
Beryllium	B	0.37	mg/kg		0.043	SW846-6010
Cadmium	B	0.055	mg/kg		0.033	SW846-6010
Chromium		11	mg/kg		0.39	SW846-6010
Manganese		230	mg/kg		0.14	SW846-6010
Nickel		9.2	mg/kg		0.89	SW846-6010
Silver	U	2.5	mg/kg		0.16	SW846-6010
Thallium	B	0.63	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		13	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		2.79	pCi/G	3.22		RL-7119
Americium-241		0.13	pCi/G	0.05	4E-05	EPA-907
Beta activity		-1.36	pCi/G	-0.79		RL-7119
Cesium-137	U	-0.015	pCi/G	0.05	8E-05	EPA-907
Neptunium-237		0.03	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.03	4E-05	EPA-907
Protactinium-234	U	-0.13	pCi/G	0.36	0.0005	EPA-907
Technetium-99		-0.0114	pCi/G	0.04	6E-05	DNT
Thorium-230		0.99	pCi/G	0.1	4E-05	EPA-907
Uranium-234		0.77	pCi/G	0.09	5E-05	EPA-907
Uranium-235/236		0.1	pCi/G	0.04	1E-05	EPA-907
Uranium-238		0.87	pCi/G	0.09	2E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	J	0.0021	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

SWMU2-8

1020903

WAG 22 (SWMU 2)

S08214

Collected: 7/30/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		2.3	mg/kg		0.24	SW846-6010
Barium		81	mg/kg		0.12	SW846-6010
Beryllium	B	0.49	mg/kg		0.043	SW846-6010
Cadmium	U	0.24	mg/kg		0.033	SW846-6010
Chromium		11	mg/kg		0.39	SW846-6010
Manganese		320	mg/kg		0.14	SW846-6010
Nickel		10	mg/kg		0.89	SW846-6010
Silver	U	2.4	mg/kg		0.16	SW846-6010
Thallium	B	0.61	mg/kg		0.43	SW846-6010
Uranium	B	24	mg/kg		1.6	SW846-6010
Vanadium		12	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		10.5	pCi/G	8.57		RL-7119
Americium-241		0.15	pCi/G	0.05	4E-05	EPA-907
Beta activity		8.16	pCi/G	3.75		RL-7119
Cesium-137	U	-0.022	pCi/G	0.04	7E-05	EPA-907
Neptunium-237		0.06	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	0.16	pCi/G	0.38	0.0006	EPA-907
Technetium-99		-0.0437	pCi/G	0.04	6E-05	DNT
Thorium-230		1.23	pCi/G	0.11	1E-05	EPA-907
Uranium-234		0.89	pCi/G	0.1	3E-05	EPA-907
Uranium-235/236		0.08	pCi/G	0.03	2E-05	EPA-907
Uranium-238		0.9	pCi/G	0.1	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	J	0.0022	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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SWMU2-8

1020903

WAG 22 (SWMU 2)

S08212

Collected: 8/21/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		10	mg/kg		0.24	SW846-6010
Barium		140	mg/kg		0.12	SW846-6010
Beryllium	B	0.58	mg/kg		0.043	SW846-6010
Cadmium	B	0.12	mg/kg		0.033	SW846-6010
Chromium		19	mg/kg		0.39	SW846-6010
Manganese		210	mg/kg		0.14	SW846-6010
Nickel		16	mg/kg		0.89	SW846-6010
Silver	U	2.5	mg/kg		0.16	SW846-6010
Thallium	B	0.99	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		23	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		8.17	pCi/G	7.31		RL-7119
Americium-241		0.13	pCi/G	0.04	2E-05	EPA-907
Beta activity		0	pCi/G	0		RL-7119
Cesium-137	U	-0.055	pCi/G	0.05	7E-05	EPA-907
Neptunium-237		-0.0143	pCi/G	0.02	4E-05	EPA-907
Plutonium-239		0	pCi/G	0.01	2E-05	EPA-907
Protactinium-234	U	-0.11	pCi/G	0.37	0.0006	EPA-907
Technetium-99		-0.0031	pCi/G	0.04	6E-05	DNT
Thorium-230		1.05	pCi/G	0.1	3E-05	EPA-907
Uranium-234		0.99	pCi/G	0.11	4E-05	EPA-907
Uranium-235/236		0.14	pCi/G	0.04	3E-05	EPA-907
Uranium-238		0.98	pCi/G	0.1	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	U	0.00045	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene	J	0.0025	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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SWMU2-8

1020903

WAG 22 (SWMU 2)

S08211

Collected: 8/24/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic		3.8	mg/kg		0.24	SW846-6010
Barium		120	mg/kg		0.12	SW846-6010
Beryllium	B	0.51	mg/kg		0.043	SW846-6010
Cadmium	U	0.25	mg/kg		0.033	SW846-6010
Chromium		9.4	mg/kg		0.39	SW846-6010
Manganese		130	mg/kg		0.14	SW846-6010
Nickel		16	mg/kg		0.89	SW846-6010
Silver	B	2.5	mg/kg		0.16	SW846-6010
Thallium	B	0.55	mg/kg		0.43	SW846-6010
Uranium	U	25	mg/kg		1.6	SW846-6010
Vanadium		10	mg/kg		0.16	SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg		0.0009	SW846-8080
PCB-1221	U	0.009	mg/kg		0.009	SW846-8080
PCB-1232	U	0.0037	mg/kg		0.0037	SW846-8080
PCB-1242	U	0.0024	mg/kg		0.0024	SW846-8080
PCB-1248	U	0.00074	mg/kg		0.0007	SW846-8080
PCB-1254	U	0.00071	mg/kg		0.0007	SW846-8080
PCB-1260	U	0.00084	mg/kg		0.0008	SW846-8080
RADS						
Alpha activity		19.07	pCi/G	12.71		RL-7119
Americium-241		0.11	pCi/G	0.03	2E-05	EPA-907
Beta activity		0	pCi/G	0		RL-7119
Cesium-137	U	0.01	pCi/G	0.05	8E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0	pCi/G	0.01	3E-05	EPA-907
Protactinium-234	U	-0.13	pCi/G	0.37	0.0006	EPA-907
Technetium-99		0.05	pCi/G	0.04	6E-05	DNT
Thorium-230		1.11	pCi/G	0.11	4E-05	EPA-907
Uranium-234		0.98	pCi/G	0.1	3E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	3E-05	EPA-907
Uranium-238		0.95	pCi/G	0.1	3E-05	EPA-907
VOA						
cis-1,2-Dichloroethene	J	0.00093	mg/kg		0.0005	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg		0.0006	SW846-8260
Trichloroethene		0.01	mg/kg		0.0006	SW846-8260
Vinyl chloride	U	0.0013	mg/kg		0.0013	SW846-8260

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SWMU2-9

1020903

WAG 22 (SWMU 2)

S09215

Collected: 8/29/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	B	11	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		0.14	pCi/G	0.2		RL-7119
Americium-241		0.04	pCi/G	0.03	3E-05	EPA-907
Beta activity		0.75	pCi/G	0.38		RL-7119
Cesium-137	U	-0.0059	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.02	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	-0.06	pCi/G	0.13	0.0002	EPA-907
Technetium-99		-0.0016	pCi/G	0.05	8E-05	DNT
Thorium-230		0.26	pCi/G	0.05	3E-05	EPA-907
Uranium-234		0.52	pCi/G	0.08	5E-05	EPA-907
Uranium-235/236		0.02	pCi/G	0.03	4E-05	EPA-907
Uranium-238		0.23	pCi/G	0.06	4E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

S09211

Collected: 9/2/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity		9.95	pCi/G	3.21		RL-7119
Americium-241		0.37	pCi/G	0.07	3E-05	EPA-907
Beta activity		17.13	pCi/G	2.86		RL-7119
Cesium-137		0.14	pCi/G	0.06	5E-05	EPA-907
Neptunium-237		0.01	pCi/G	0.02	3E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	2E-05	EPA-907
Protactinium-234	U	0.03	pCi/G	0.21	0.0004	EPA-907
Technetium-99		0.13	pCi/G	0.03	5E-05	DNT
Thorium-230		1.55	pCi/G	0.21	9E-05	EPA-907
Uranium-234		1.57	pCi/G	0.13	2E-05	EPA-907
Uranium-235/236		0.1	pCi/G	0.04	2E-05	EPA-907
Uranium-238		2.83	pCi/G	0.17	2E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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SWMU2-9

1020903

WAG 22 (SWMU 2)

S09213

Collected: 9/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Americium-241		0.11	pCi/G	0.04	3E-05	EPA-907
Cesium-137	U	-0.011	pCi/G	0.03	5E-05	EPA-907
Neptunium-237		-0.015	pCi/G	0.02	5E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	4E-05	EPA-907
Protactinium-234	U	0.11	pCi/G	0.23	0.0004	EPA-907
Technetium-99		0.04	pCi/G	0.03	6E-05	DNT
Thorium-230		1.11	pCi/G	0.19	0.0001	EPA-907
Uranium-234		1.19	pCi/G	0.11	4E-05	EPA-907
Uranium-235/236		0.06	pCi/G	0.03	4E-05	EPA-907
Uranium-238		1.11	pCi/G	0.1	1E-05	EPA-907
VOA						
Trichloroethene		0.0078	mg/kg		0.0006	SW846-8260

S09214

Collected: 9/26/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	B	4.9	mg/kg		1.6	SW846-6010
RADS						
Americium-241		0.08	pCi/G	0.03	3E-05	EPA-907
Cesium-137	U	-0.0045	pCi/G	0.02	4E-05	EPA-907
Neptunium-237		0	pCi/G	0.02	5E-05	EPA-907
Plutonium-239		0.03	pCi/G	0.02	1E-05	EPA-907
Protactinium-234	U	0.04	pCi/G	0.16	0.0003	EPA-907
Technetium-99		0.01	pCi/G	0.04	6E-05	DNT
Thorium-230		0.72	pCi/G	0.1	5E-05	EPA-907
Uranium-234		0.6	pCi/G	0.08	4E-05	EPA-907
Uranium-235/236		0.04	pCi/G	0.02	2E-05	EPA-907
Uranium-238		0.75	pCi/G	0.09	4E-05	EPA-907
VOA						
Trichloroethene	J	0.0034	mg/kg		0.0006	SW846-8260

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SWMU2-9

1020903

WAG 22 (SWMU 2)

S09212

Collected: 10/2/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Uranium	U	1.6	mg/kg		1.6	SW846-6010
RADS						
Alpha activity	U	4.41	pCi/G			RL-7119
Americium-241		0.06	pCi/G	0.03	3E-05	EPA-907
Beta activity	U	3	pCi/G			RL-7119
Cesium-137	U	-0.0026	pCi/G	0.02	3E-05	EPA-907
Neptunium-237		0.02	pCi/G	0.03	4E-05	EPA-907
Plutonium-239		0.01	pCi/G	0.02	3E-05	EPA-907
Protactinium-234	U	-0.042	pCi/G	0.16	0.0003	EPA-907
Technetium-99		0.03	pCi/G	0.04	6E-05	DNT
Thorium-230		0.54	pCi/G	0.08	3E-05	EPA-907
Uranium-234		0.44	pCi/G	0.07	4E-05	EPA-907
Uranium-235/236		0.05	pCi/G	0.03	1E-05	EPA-907
Uranium-238		0.58	pCi/G	0.08	3E-05	EPA-907
VOA						
Trichloroethene	U	0.00056	mg/kg		0.0006	SW846-8260

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DD-01

1021003

WAG 22 (SWMUs 7 and 30) 1021003

C01311

Collected: 10/2/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide	U	0.14	mg/kg			SW846-9012
METAL						
Aluminum		16000	mg/kg			SW846-6010
Antimony	U	0.46	mg/kg			SW846-7041
Arsenic		12	mg/kg			SW846-6010
Barium		160	mg/kg			SW846-6010
Beryllium	B	1	mg/kg			SW846-6010
Cadmium	B	0.23	mg/kg			SW846-6010
Calcium		3700	mg/kg			SW846-6010
Chromium		37	mg/kg			SW846-6010
Cobalt		7	mg/kg			SW846-6010
Copper		24	mg/kg			SW846-6010
Iron		25000	mg/kg			SW846-6010
Lead		16	mg/kg			SW846-6010
Magnesium		2400	mg/kg			SW846-6010
Manganese		250	mg/kg			SW846-6010
Mercury	U	0.034	mg/kg			SW846-7071
Molybdenum	B	2.3	mg/kg			SW846-6010
Nickel		35	mg/kg			SW846-6010
Potassium		1000	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	U	0.16	mg/kg			SW846-6010
Sodium		190	mg/kg			SW846-6010
Thallium	B	1.1	mg/kg			SW846-6010
Tin		17	mg/kg			SW846-6010
Uranium	U	1.6	mg/kg			SW846-6010
Vanadium		43	mg/kg			SW846-6010
Zinc		80	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		0.092	mg/kg			SW846-8080
RADS						
Alpha activity		23	pCi/G	2.9		EPA-900

DD-01

1021003

WAG 22 (SWMUs 7 and 30) 1021003

Alpha activity	U	19.12	pCi/G		RL-7119
Beta activity	U	14.38	pCi/G		RL-7119
Beta activity		69	pCi/G	3.2	EPA-900
Neptunium-237		0.05	pCi/G	0.03	EPA-907
Plutonium-239		0.08	pCi/G	0.03	EPA-907
Technetium-99		41	pCi/G	0.19	DNT
Thorium-230		1.41	pCi/G	0.14	EPA-907
Uranium-234		3.86	pCi/G	0.21	EPA-907
Uranium-235/236		0.45	pCi/G	0.08	EPA-907
Uranium-238		7.49	pCi/G	0.29	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	U	0.008	mg/kg		SW846-8270
Acenaphthylene	U	0.008	mg/kg		SW846-8270
Acetophenone	U	0.008	mg/kg		SW846-8270
Aniline	U	0.051	mg/kg		SW846-8270
Anthracene	U	0.009	mg/kg		SW846-8270

DD-01

1021003

WAG 22 (SWMUs 7 and 30) 1021003

Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	J	0.13	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	J	0.08	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.02	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.009	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.025	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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DD-02

1021003

WAG 22 (SWMUs 7 and 30) 1021003

C02311

Collected: 8/27/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Cyanide		0.14	mg/kg			SW846-9012
METAL						
Aluminum		16000	mg/kg			SW846-6010
Antimony	B	0.67	mg/kg			SW846-7041
Arsenic		6.9	mg/kg			SW846-6010
Barium		170	mg/kg			SW846-6010
Beryllium	B	0.78	mg/kg			SW846-6010
Cadmium	B	0.13	mg/kg			SW846-6010
Calcium		6300	mg/kg			SW846-6010
Chromium		28	mg/kg			SW846-6010
Cobalt		8	mg/kg			SW846-6010
Copper		18	mg/kg			SW846-6010
Iron		23000	mg/kg			SW846-6010
Lead		13	mg/kg			SW846-6010
Magnesium		2200	mg/kg			SW846-6010
Manganese		340	mg/kg			SW846-6010
Mercury	U	0.034	mg/kg			SW846-7071
Molybdenum	B	1.2	mg/kg			SW846-6010
Nickel		27	mg/kg			SW846-6010
Potassium		1100	mg/kg			SW846-6010
Selenium	B	0.58	mg/kg			SW846-6010
Silver	U	0.16	mg/kg			SW846-6010
Sodium		85	mg/kg			SW846-6010
Thallium		1.8	mg/kg			SW846-6010
Tin		13	mg/kg			SW846-6010
Uranium	B	2.7	mg/kg			SW846-6010
Vanadium		27	mg/kg			SW846-6010
Zinc		68	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.018	mg/kg			SW846-8270
4,4'-DDE	U	0.015	mg/kg			SW846-8270
4,4'-DDT	U	0.01	mg/kg			SW846-8270
Aldrin	U	0.013	mg/kg			SW846-8270
alpha-BHC	U	0.01	mg/kg			SW846-8270
beta-BHC	U	0.021	mg/kg			SW846-8270
delta-BHC	U	0.023	mg/kg			SW846-8270
Dieldrin	U	0.022	mg/kg			SW846-8270
Heptachlor	U	0.009	mg/kg			SW846-8270
Lindane	U	0.01	mg/kg			SW846-8270
Methoxychlor	U	0.0051	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260	J	0.032	mg/kg			SW846-8080
RADS						
Alpha activity		4.3	pCi/G	1.65		RL-7119

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

Alpha activity	21	pCi/G	2.5	EPA-900
Beta activity	3.98	pCi/G	1.17	RL-7119
Beta activity	34	pCi/G	2.6	EPA-900
Neptunium-237	0.06	pCi/G	0.04	EPA-907
Plutonium-239	0.05	pCi/G	0.03	EPA-907
Technetium-99	5.62	pCi/G	0.1	DNT
Thorium-230	1.34	pCi/G	0.17	EPA-907
Uranium-234	4.27	pCi/G	0.21	EPA-907
Uranium-235/236	0.38	pCi/G	0.07	EPA-907
Uranium-238	8.04	pCi/G	0.29	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.01	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.013	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.012	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.009	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.013	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.012	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.013	mg/kg	SW846-8270
1-Naphthalenamine	U	0.049	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.015	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.012	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.013	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.012	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.03	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.063	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.019	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.013	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.01	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.0051	mg/kg	SW846-8270
2-Chlorophenol	U	0.014	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.067	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.012	mg/kg	SW846-8270
2-Methylphenol	U	0.01	mg/kg	SW846-8270
2-Methylpyridine	U	0.086	mg/kg	SW846-8270
2-Naphthalenamine	U	0.085	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.013	mg/kg	SW846-8270
2-Nitrophenol	U	0.012	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.046	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.026	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.032	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.073	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.01	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.013	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.06	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.009	mg/kg	SW846-8270
4-Methylphenol	U	0.01	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.085	mg/kg	SW846-8270
4-Nitrophenol	U	0.028	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.11	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.017	mg/kg	SW846-8270
Acenaphthene	U	0.01	mg/kg	SW846-8270
Acenaphthylene	U	0.01	mg/kg	SW846-8270
Acetophenone	U	0.01	mg/kg	SW846-8270
Aniline	U	0.066	mg/kg	SW846-8270
Anthracene	U	0.012	mg/kg	SW846-8270

DD-02

1021003

WAG 22 (SWMUs 7 and 30) 1021003

Benz(a)anthracene	U	0.01	mg/kg	SW846-8270
Benzenemethanol	U	0.013	mg/kg	SW846-8270
Benzidine	U	0.42	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.012	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.013	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.024	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.013	mg/kg	SW846-8270
Benzoic acid	U	0.032	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.012	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.014	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.072	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.15	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.16	mg/kg	SW846-8270
Chrysene	U	0.013	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.015	mg/kg	SW846-8270
Dibenzofuran	U	0.0051	mg/kg	SW846-8270
Diethyl phthalate	U	0.014	mg/kg	SW846-8270
Dimethyl phthalate	U	0.012	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.076	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.014	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.01	mg/kg	SW846-8270
Fluoranthene	U	0.013	mg/kg	SW846-8270
Fluorene	U	0.012	mg/kg	SW846-8270
Hexachlorobenzene	U	0.009	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.01	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.0077	mg/kg	SW846-8270
Hexachloroethane	U	0.012	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.017	mg/kg	SW846-8270
Isophorone	U	0.012	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.087	mg/kg	SW846-8270
Naphthalene	U	0.013	mg/kg	SW846-8270
Nitrobenzene	U	0.044	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.022	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.015	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.0051	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.01	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.026	mg/kg	SW846-8270
Pentachlorobenzene	U	0.012	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.017	mg/kg	SW846-8270
Pentachlorophenol	U	0.012	mg/kg	SW846-8270
Phenacetin	U	0.018	mg/kg	SW846-8270
Phenanthrene	U	0.01	mg/kg	SW846-8270
Phenol	U	0.012	mg/kg	SW846-8270
Pronamide	U	0.015	mg/kg	SW846-8270
Pyrene	U	0.021	mg/kg	SW846-8270
Pyridine	U	0.068	mg/kg	SW846-8270

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DD-03

1021003

WAG 22 (SWMUs 7 and 30) 1021003

C03311

Collected: 10/2/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Cyanide	U	0.14	mg/kg			SW846-9012
METAL						
Aluminum		16000	mg/kg			SW846-6010
Antimony	B	1.1	mg/kg			SW846-7041
Arsenic		5.8	mg/kg			SW846-6010
Barium		110	mg/kg			SW846-6010
Beryllium	B	0.64	mg/kg			SW846-6010
Cadmium		1.8	mg/kg			SW846-6010
Calcium		4200	mg/kg			SW846-6010
Chromium		25	mg/kg			SW846-6010
Cobalt		4.8	mg/kg			SW846-6010
Copper		110	mg/kg			SW846-6010
Iron		18000	mg/kg			SW846-6010
Lead		71	mg/kg			SW846-6010
Magnesium		1700	mg/kg			SW846-6010
Manganese		390	mg/kg			SW846-6010
Mercury		0.13	mg/kg			SW846-7071
Molybdenum	U	0.41	mg/kg			SW846-6010
Nickel		410	mg/kg			SW846-6010
Potassium		880	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	U	0.16	mg/kg			SW846-6010
Sodium		85	mg/kg			SW846-6010
Thallium		1.5	mg/kg			SW846-6010
Tin	B	11	mg/kg			SW846-6010
Uranium		480	mg/kg			SW846-6010
Vanadium		29	mg/kg			SW846-6010
Zinc		640	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		1.4	mg/kg			SW846-8080
RADS						
Alpha activity		145.27	pCi/G	26.09		RL-7119

DD-03

1021003

WAG 22 (SWMUs 7 and 30) 1021003

Alpha activity	190	pCi/G	6.9	EPA-900
Beta activity	184.91	pCi/G	20.27	RL-7119
Beta activity	310	pCi/G	5.4	EPA-900
Neptunium-237	1.03	pCi/G	0.1	EPA-907
Plutonium-239	0.17	pCi/G	0.04	EPA-907
Technetium-99	110	pCi/G	0.31	DNT
Thorium-230	1.64	pCi/G	0.15	EPA-907
Uranium-234	80.9	pCi/G	1.4	EPA-907
Uranium-235/236	8.3	pCi/G	0.52	EPA-907
Uranium-238	147	pCi/G	1.96	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.038	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	J	0.01	mg/kg	SW846-8270
Acenaphthylene	J	0.04	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	J	0.052	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Benz(a)anthracene		1.3 mg/kg	SW846-8270
Benzenemethanol	U	0.01 mg/kg	SW846-8270
Benzidine	U	0.327 mg/kg	SW846-8270
Benzo(a)pyrene		1.1 mg/kg	SW846-8270
Benzo(b)fluoranthene		2.2 mg/kg	SW846-8270
Benzo(ghi)perylene		0.58 mg/kg	SW846-8270
Benzo(k)fluoranthene		0.69 mg/kg	SW846-8270
Benzoic acid	U	0.025 mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009 mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011 mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056 mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	J	0.39 mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128 mg/kg	SW846-8270
Chrysene		1.2 mg/kg	SW846-8270
Dibenz(a,h)anthracene	J	0.18 mg/kg	SW846-8270
Dibenzofuran	U	0.004 mg/kg	SW846-8270
Diethyl phthalate	U	0.011 mg/kg	SW846-8270
Dimethyl phthalate	U	0.009 mg/kg	SW846-8270
Di-n-butyl phthalate	J	0.1 mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011 mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008 mg/kg	SW846-8270
Fluoranthene		1 mg/kg	SW846-8270
Fluorene	U	0.009 mg/kg	SW846-8270
Hexachlorobenzene	U	0.007 mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008 mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006 mg/kg	SW846-8270
Hexachloroethane	U	0.009 mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene		0.66 mg/kg	SW846-8270
Isophorone	U	0.009 mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068 mg/kg	SW846-8270
Naphthalene	U	0.01 mg/kg	SW846-8270
Nitrobenzene	U	0.034 mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017 mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012 mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004 mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008 mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02 mg/kg	SW846-8270
Pentachlorobenzene	U	0.009 mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013 mg/kg	SW846-8270
Pentachlorophenol	U	0.009 mg/kg	SW846-8270
Phenacetin	U	0.014 mg/kg	SW846-8270
Phenanthrene	J	0.097 mg/kg	SW846-8270
Phenol	U	0.009 mg/kg	SW846-8270
Pronamide	U	0.012 mg/kg	SW846-8270
Pyrene		1.6 mg/kg	SW846-8270
Pyridine	U	0.053 mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

C04311

Collected: 8/27/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Cyanide		0.13	mg/kg			SW846-9012
METAL						
Aluminum		2900	mg/kg			SW846-6010
Antimony	B	1.3	mg/kg			SW846-7041
Arsenic		2.4	mg/kg			SW846-6010
Barium		34	mg/kg			SW846-6010
Beryllium	B	0.26	mg/kg			SW846-6010
Cadmium		0.68	mg/kg			SW846-6010
Calcium		210000	mg/kg			SW846-6010
Chromium		26	mg/kg			SW846-6010
Cobalt	B	2.1	mg/kg			SW846-6010
Copper		82	mg/kg			SW846-6010
Iron		6100	mg/kg			SW846-6010
Lead		23	mg/kg			SW846-6010
Magnesium		3300	mg/kg			SW846-6010
Manganese		200	mg/kg			SW846-6010
Mercury	J	0.061	mg/kg			SW846-7071
Molybdenum	B	3.1	mg/kg			SW846-6010
Nickel		18	mg/kg			SW846-6010
Potassium	B	350	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	B	1.9	mg/kg			SW846-6010
Sodium		170	mg/kg			SW846-6010
Thallium	U	0.43	mg/kg			SW846-6010
Tin	B	5.9	mg/kg			SW846-6010
Uranium	B	35	mg/kg			SW846-6010
Vanadium		8.8	mg/kg			SW846-6010
Zinc		120	mg/kg			SW846-6010
PCCB						
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		3.1	mg/kg			SW846-8080
RADS						
Alpha activity		3.81	pCi/G	1.52		RL-7119
Alpha activity		43	pCi/G	3.3		EPA-900
Beta activity		97	pCi/G	3.3		EPA-900
Beta activity		7.42	pCi/G	1.68		RL-7119
Neptunium-237		0.46	pCi/G	0.09		EPA-907
Plutonium-239		0.68	pCi/G	0.09		EPA-907
Technetium-99		42.2	pCi/G	0.24		DNT
Thorium-230		2.49	pCi/G	0.17		EPA-907
Uranium-234		12.8	pCi/G	0.36		EPA-907
Uranium-235/236		1.83	pCi/G	0.15		EPA-907
Uranium-238		29.1	pCi/G	0.54		EPA-907

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C05311

Collected: 10/2/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Cyanide	U	0.2	mg/kg			SW846-9012
METAL						
Aluminum		13000	mg/kg			SW846-6010
Antimony	B	3	mg/kg			SW846-7041
Arsenic		4.4	mg/kg			SW846-6010
Barium		130	mg/kg			SW846-6010
Beryllium	B	0.62	mg/kg			SW846-6010
Cadmium		2.8	mg/kg			SW846-6010
Calcium		4900	mg/kg			SW846-6010
Chromium		22	mg/kg			SW846-6010
Cobalt		6	mg/kg			SW846-6010
Copper		170	mg/kg			SW846-6010
Iron		15000	mg/kg			SW846-6010
Lead		71	mg/kg			SW846-6010
Magnesium		1600	mg/kg			SW846-6010
Manganese		430	mg/kg			SW846-6010
Mercury		0.16	mg/kg			SW846-7071
Molybdenum	U	0.41	mg/kg			SW846-6010
Nickel		570	mg/kg			SW846-6010
Potassium		870	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	U	0.16	mg/kg			SW846-6010
Sodium	B	88	mg/kg			SW846-6010
Thallium	B	1.5	mg/kg			SW846-6010
Tin	B	19	mg/kg			SW846-6010
Uranium		500	mg/kg			SW846-6010
Vanadium		27	mg/kg			SW846-6010
Zinc		750	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		3.1	mg/kg			SW846-8080
RADS						
Alpha activity		128.44	pCi/G	24.06		RL-7119

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Alpha activity	180	pCi/G	6.8	EPA-900
Beta activity	460	pCi/G	6.5	EPA-900
Beta activity	275.03	pCi/G	24.89	RL-7119
Neptunium-237	1.68	pCi/G	0.13	EPA-907
Plutonium-239	0.05	pCi/G	0.04	EPA-907
Technetium-99	360	pCi/G	0.55	DNT
Thorium-230	1.35	pCi/G	0.13	EPA-907
Uranium-234	99.4	pCi/G	1.67	EPA-907
Uranium-235/236	11.7	pCi/G	0.66	EPA-907
Uranium-238	173	pCi/G	2.29	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.038	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	J	0.091	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	J	0.037	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Benz(a)anthracene		1.3 mg/kg	SW846-8270
Benzenemethanol	U	0.01 mg/kg	SW846-8270
Benzidine	U	0.327 mg/kg	SW846-8270
Benzo(a)pyrene		1.7 mg/kg	SW846-8270
Benzo(b)fluoranthene		3.1 mg/kg	SW846-8270
Benzo(ghi)perylene		0.81 mg/kg	SW846-8270
Benzo(k)fluoranthene		0.99 mg/kg	SW846-8270
Benzoic acid	BJ	0.19 mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009 mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011 mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056 mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	J	0.62 mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128 mg/kg	SW846-8270
Chrysene		1.2 mg/kg	SW846-8270
Dibenz(a,h)anthracene	J	0.23 mg/kg	SW846-8270
Dibenzofuran	U	0.004 mg/kg	SW846-8270
Diethyl phthalate	U	0.011 mg/kg	SW846-8270
Dimethyl phthalate	U	0.009 mg/kg	SW846-8270
Di-n-butyl phthalate	J	0.087 mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011 mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008 mg/kg	SW846-8270
Fluoranthene		1.1 mg/kg	SW846-8270
Fluorene	U	0.009 mg/kg	SW846-8270
Hexachlorobenzene	U	0.007 mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008 mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006 mg/kg	SW846-8270
Hexachloroethane	U	0.009 mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene		0.99 mg/kg	SW846-8270
Isophorone	U	0.009 mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068 mg/kg	SW846-8270
Naphthalene	U	0.01 mg/kg	SW846-8270
Nitrobenzene	U	0.034 mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017 mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012 mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004 mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008 mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02 mg/kg	SW846-8270
Pentachlorobenzene	U	0.009 mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013 mg/kg	SW846-8270
Pentachlorophenol	U	0.009 mg/kg	SW846-8270
Phenacetin	U	0.014 mg/kg	SW846-8270
Phenanthrene	J	0.045 mg/kg	SW846-8270
Phenol	U	0.009 mg/kg	SW846-8270
Pronamide	U	0.012 mg/kg	SW846-8270
Pyrene		2.3 mg/kg	SW846-8270
Pyridine	U	0.053 mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C06301

Collected: 8/7/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Cyanide		0.22	mg/kg			SW846-9012
METAL						
Aluminum		8400	mg/kg			SW846-6010
Antimony	B	0.85	mg/kg			SW846-7041
Arsenic		6.4	mg/kg			SW846-6010
Barium		92	mg/kg			SW846-6010
Beryllium	B	1.3	mg/kg			SW846-6010
Cadmium		1.3	mg/kg			SW846-6010
Calcium		7800	mg/kg			SW846-6010
Chromium		23	mg/kg			SW846-6010
Cobalt		9	mg/kg			SW846-6010
Copper		62	mg/kg			SW846-6010
Iron		19000	mg/kg			SW846-6010
Lead		21	mg/kg			SW846-6010
Magnesium		1000	mg/kg			SW846-6010
Manganese		900	mg/kg			SW846-6010
Mercury		0.059	mg/kg			SW846-7071
Molybdenum	B	13	mg/kg			SW846-6010
Nickel		60	mg/kg			SW846-6010
Potassium		530	mg/kg			SW846-6010
Selenium		0.8	mg/kg			SW846-6010
Silver	U	1.3	mg/kg			SW846-6010
Sodium	B	63	mg/kg			SW846-6010
Thallium	B	1	mg/kg			SW846-6010
Tin	B	4.4	mg/kg			SW846-6010
Uranium		410	mg/kg			SW846-6010
Vanadium		24	mg/kg			SW846-6010
Zinc		200	mg/kg			SW846-6010
PPCB						
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		0.15	mg/kg			SW846-8080
RADS						
Alpha activity		140	pCi/G	5.8		EPA-900
Alpha activity		117.29	pCi/G	26.39		RL-7119
Beta activity		247.67	pCi/G	30.96		RL-7119
Beta activity		300	pCi/G	5.2		EPA-900
Neptunium-237		0.29	pCi/G	0.06		EPA-907
Plutonium-239		0.42	pCi/G	0.07		EPA-907
Technetium-99		58.5	pCi/G	0.36		DNT
Thorium-230		1.84	pCi/G	0.13		EPA-907
Uranium-234		48.7	pCi/G	1.09		EPA-907
Uranium-235/236		5.58	pCi/G	0.41		EPA-907
Uranium-238		164	pCi/G	2.01		EPA-907

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C06311

Collected: 8/7/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide		0.22	mg/kg			SW846-9012
METAL						
Aluminum		5900	mg/kg			SW846-6010
Antimony	U	0.46	mg/kg			SW846-7041
Arsenic		6.7	mg/kg			SW846-6010
Barium		64	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium		1.1	mg/kg			SW846-6010
Calcium		3300	mg/kg			SW846-6010
Chromium		16	mg/kg			SW846-6010
Cobalt		11	mg/kg			SW846-6010
Copper		13	mg/kg			SW846-6010
Iron		22000	mg/kg			SW846-6010
Lead		18	mg/kg			SW846-6010
Magnesium		1000	mg/kg			SW846-6010
Manganese		900	mg/kg			SW846-6010
Mercury		0.05	mg/kg			SW846-7071
Molybdenum	U	12	mg/kg			SW846-6010
Nickel		43	mg/kg			SW846-6010
Potassium		370	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium	B	60	mg/kg			SW846-6010
Thallium		1.5	mg/kg			SW846-6010
Tin	B	6.3	mg/kg			SW846-6010
Uranium		270	mg/kg			SW846-6010
Vanadium		20	mg/kg			SW846-6010
Zinc		130	mg/kg			SW846-6010
PPCB						
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		0.25	mg/kg			SW846-8080
RADS						
Alpha activity		89.44	pCi/G	22.9		RL-7119
Alpha activity		160	pCi/G	6.3		EPA-900
Beta activity		370	pCi/G	5.9		EPA-900
Beta activity		208.29	pCi/G	28.22		RL-7119
Neptunium-237		0.33	pCi/G	0.06		EPA-907
Plutonium-239		0.3	pCi/G	0.06		EPA-907
Technetium-99		67.6	pCi/G	0.36		DNT
Thorium-230		1.96	pCi/G	0.14		EPA-907
Uranium-234		50.1	pCi/G	1.11		EPA-907
Uranium-235/236		6.03	pCi/G	0.43		EPA-907
Uranium-238		172	pCi/G	2.06		EPA-907

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C07311

Collected: 10/2/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide	U	0.14	mg/kg			SW846-9012
METAL						
Aluminum		14000	mg/kg			SW846-6010
Antimony	B	0.82	mg/kg			SW846-7041
Arsenic		4.2	mg/kg			SW846-6010
Barium		120	mg/kg			SW846-6010
Beryllium	B	0.55	mg/kg			SW846-6010
Cadmium		1.2	mg/kg			SW846-6010
Calcium		3000	mg/kg			SW846-6010
Chromium		19	mg/kg			SW846-6010
Cobalt		3.1	mg/kg			SW846-6010
Copper		46	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		31	mg/kg			SW846-6010
Magnesium		1600	mg/kg			SW846-6010
Manganese		220	mg/kg			SW846-6010
Mercury	U	0.034	mg/kg			SW846-7071
Molybdenum	U	0.41	mg/kg			SW846-6010
Nickel		140	mg/kg			SW846-6010
Potassium		870	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	U	0.16	mg/kg			SW846-6010
Sodium		75	mg/kg			SW846-6010
Thallium	B	1	mg/kg			SW846-6010
Tin		15	mg/kg			SW846-6010
Uranium		130	mg/kg			SW846-6010
Vanadium		27	mg/kg			SW846-6010
Zinc		240	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016		0.051	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		1.2	mg/kg			SW846-8080
RADS						
Alpha activity		89	pCi/G	4.8		EPA-900

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Alpha activity	101.87	pCi/G	21.24	RL-7119
Beta activity	210	pCi/G	4.5	EPA-900
Beta activity	234.33	pCi/G	22.92	RL-7119
Neptunium-237	0.53	pCi/G	0.08	EPA-907
Plutonium-239	0.03	pCi/G	0.02	EPA-907
Technetium-99	150	pCi/G	0.36	DNT
Thorium-230	1.16	pCi/G	0.12	EPA-907
Uranium-234	35.7	pCi/G	0.78	EPA-907
Uranium-235/236	4.12	pCi/G	0.31	EPA-907
Uranium-238	64.1	pCi/G	1.09	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.038	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	J	0.015	mg/kg	SW846-8270

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Benz(a)anthracene	J	0.056	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.051	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.096	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.021	mg/kg	SW846-8270
Benzoic acid	BJ	0.12	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	J	0.23	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.06	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.14	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.084	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.11	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C08311

Collected: 8/27/1996

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Cyanide		0.18	mg/kg			SW846-9012
METAL						
Aluminum		7600	mg/kg			SW846-6010
Antimony	B	0.81	mg/kg			SW846-7041
Arsenic		2.5	mg/kg			SW846-6010
Barium		71	mg/kg			SW846-6010
Beryllium	B	0.39	mg/kg			SW846-6010
Cadmium	B	0.065	mg/kg			SW846-6010
Calcium		2100	mg/kg			SW846-6010
Chromium		19	mg/kg			SW846-6010
Cobalt		3.4	mg/kg			SW846-6010
Copper		8.8	mg/kg			SW846-6010
Iron		9300	mg/kg			SW846-6010
Lead		9.8	mg/kg			SW846-6010
Magnesium		650	mg/kg			SW846-6010
Manganese		130	mg/kg			SW846-6010
Mercury	U	0.034	mg/kg			SW846-7071
Molybdenum	B	1.7	mg/kg			SW846-6010
Nickel		7.8	mg/kg			SW846-6010
Potassium		330	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	B	0.44	mg/kg			SW846-6010
Sodium		79	mg/kg			SW846-6010
Thallium	B	0.52	mg/kg			SW846-6010
Tin	B	8.7	mg/kg			SW846-6010
Uranium	U	1.6	mg/kg			SW846-6010
Vanadium		15	mg/kg			SW846-6010
Zinc		72	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.037	mg/kg			SW846-8270
4,4'-DDE	U	0.032	mg/kg			SW846-8270
4,4'-DDT	U	0.021	mg/kg			SW846-8270
Aldrin	U	0.026	mg/kg			SW846-8270
alpha-BHC	U	0.021	mg/kg			SW846-8270
beta-BHC	U	0.042	mg/kg			SW846-8270
delta-BHC	U	0.047	mg/kg			SW846-8270
Dieldrin	U	0.045	mg/kg			SW846-8270
Heptachlor	U	0.018	mg/kg			SW846-8270
Lindane	U	0.021	mg/kg			SW846-8270
Methoxychlor	U	0.011	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260		0.093	mg/kg			SW846-8080
RADS						
Alpha activity		95	pCi/G	4.9		EPA-900

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WAG 22 (SWMUs 7 and 30) 1021003

Alpha activity	5.19	pCi/G	1.83	RL-7119
Beta activity	200	pCi/G	4.5	EPA-900
Beta activity	3.23	pCi/G	1.03	RL-7119
Neptunium-237	0.26	pCi/G	0.08	EPA-907
Plutonium-239	0.05	pCi/G	0.03	EPA-907
Technetium-99	4.42	pCi/G	0.1	DNT
Thorium-230	3.94	pCi/G	0.43	EPA-907
Uranium-234	21.6	pCi/G	0.51	EPA-907
Uranium-235/236	2.87	pCi/G	0.21	EPA-907
Uranium-238	37	pCi/G	0.67	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.021	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.026	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.024	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.018	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.026	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.024	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.026	mg/kg	SW846-8270
1-Naphthalenamine	U	0.1	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.032	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.024	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.026	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.024	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.061	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.13	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.04	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.026	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.021	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.011	mg/kg	SW846-8270
2-Chlorophenol	U	0.029	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.14	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.024	mg/kg	SW846-8270
2-Methylphenol	U	0.021	mg/kg	SW846-8270
2-Methylpyridine	U	0.18	mg/kg	SW846-8270
2-Naphthalenamine	U	0.17	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.026	mg/kg	SW846-8270
2-Nitrophenol	U	0.024	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.095	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.053	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.15	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.021	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.026	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.12	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.018	mg/kg	SW846-8270
4-Methylphenol	U	0.021	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.17	mg/kg	SW846-8270
4-Nitrophenol	U	0.058	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.22	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.034	mg/kg	SW846-8270
Acenaphthene	U	0.021	mg/kg	SW846-8270
Acenaphthylene	U	0.021	mg/kg	SW846-8270
Acetophenone	U	0.021	mg/kg	SW846-8270
Aniline	U	0.13	mg/kg	SW846-8270
Anthracene	U	0.024	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Benz(a)anthracene	U	0.021	mg/kg	SW846-8270
Benzenemethanol	U	0.026	mg/kg	SW846-8270
Benzidine	U	0.86	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.024	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.026	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.05	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.026	mg/kg	SW846-8270
Benzoic acid	U	0.066	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.024	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.028	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.15	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.3	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.34	mg/kg	SW846-8270
Chrysene	U	0.026	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.032	mg/kg	SW846-8270
Dibenzofuran	U	0.011	mg/kg	SW846-8270
Diethyl phthalate	U	0.029	mg/kg	SW846-8270
Dimethyl phthalate	U	0.024	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.16	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.029	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.021	mg/kg	SW846-8270
Fluoranthene	U	0.026	mg/kg	SW846-8270
Fluorene	U	0.024	mg/kg	SW846-8270
Hexachlorobenzene	U	0.018	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.021	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.016	mg/kg	SW846-8270
Hexachloroethane	U	0.024	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.034	mg/kg	SW846-8270
Isophorone	U	0.024	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.18	mg/kg	SW846-8270
Naphthalene	U	0.026	mg/kg	SW846-8270
Nitrobenzene	U	0.09	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.045	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.032	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.011	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.021	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.053	mg/kg	SW846-8270
Pentachlorobenzene	U	0.024	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.034	mg/kg	SW846-8270
Pentachlorophenol	U	0.024	mg/kg	SW846-8270
Phenacetin	U	0.037	mg/kg	SW846-8270
Phenanthrene	U	0.021	mg/kg	SW846-8270
Phenol	U	0.024	mg/kg	SW846-8270
Pronamide	U	0.032	mg/kg	SW846-8270
Pyrene	U	0.042	mg/kg	SW846-8270
Pyridine	U	0.14	mg/kg	SW846-8270

WAG22SS-1

1021003

WAG 22 (SWMUs 7 and 30) 1021003

C01111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2	mg/kg			EPA-300
Fluoride		12	mg/kg			EPA-300
Nitrate/Nitrite		1.5	mg/kg			EPA-353.2
Sulfate		35	mg/kg			EPA-300
Total Organic Carbon (TOC)		19000	mg/kg			SW846-9060
METAL						
Aluminum		3600	mg/kg			SW846-6010
Antimony	B	1.7	mg/kg			SW846-7041
Arsenic		2.7	mg/kg			SW846-6010
Barium	B	47	mg/kg			SW846-6010
Beryllium	B	0.2	mg/kg			SW846-6010
Cadmium		0.84	mg/kg			SW846-6010
Calcium		11000	mg/kg			SW846-6010
Chromium		44	mg/kg			SW846-6010
Cobalt	B	2	mg/kg			SW846-6010
Copper		99	mg/kg			SW846-6010
Iron		9400	mg/kg			SW846-6010
Lead		120	mg/kg			SW846-6010
Magnesium		1500	mg/kg			SW846-6010
Manganese		160	mg/kg			SW846-6010
Mercury		0.074	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		25	mg/kg			SW846-6010
Potassium		250	mg/kg			SW846-6010
Selenium	B	0.59	mg/kg			SW846-6010
Silver	B	1.2	mg/kg			SW846-6010
Sodium	B	61	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	4.5	mg/kg			SW846-6010
Uranium		180	mg/kg			SW846-6010
Vanadium		8.3	mg/kg			SW846-6010
Zinc		200	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.028	mg/kg			SW846-8270
4,4'-DDE	U	0.024	mg/kg			SW846-8270
4,4'-DDT	U	0.016	mg/kg			SW846-8270
Aldrin	U	0.02	mg/kg			SW846-8270
alpha-BHC	U	0.016	mg/kg			SW846-8270
beta-BHC	U	0.032	mg/kg			SW846-8270
delta-BHC	U	0.036	mg/kg			SW846-8270
Dieldrin	U	0.034	mg/kg			SW846-8270
Heptachlor	U	0.014	mg/kg			SW846-8270
Lindane	U	0.016	mg/kg			SW846-8270
Methoxychlor	U	0.008	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		1.8	mg/kg		SW846-8080
RADS					
Alpha activity		94	pCi/G	4.9	EPA-900
Alpha activity		128.59	pCi/G	35.32	RL-7119
Beta activity		190	pCi/G	4.5	EPA-900
Beta activity		136.79	pCi/G	22.98	RL-7119
Neptunium-237		0.72	pCi/G	0.1	EPA-907
Plutonium-239		0.4	pCi/G	0.07	EPA-907
Technetium-99		3.35	pCi/G	0.0669	DNT
Thorium-230		2.15	pCi/G	0.15	EPA-907
Uranium-234		10.9	pCi/G	0.39	EPA-907
Uranium-235/236		1.62	pCi/G	0.17	EPA-907
Uranium-238		61.1	pCi/G	0.92	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.016	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.02	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.018	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.014	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.02	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.018	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.02	mg/kg		SW846-8270
1-Naphthalenamine	U	0.076	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.024	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.018	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.02	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.018	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.046	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.098	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.03	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.02	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.016	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.008	mg/kg		SW846-8270
2-Chlorophenol	U	0.022	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.104	mg/kg		SW846-8270
2-Methylnaphthalene	J	0.15	mg/kg		SW846-8270
2-Methylphenol	U	0.016	mg/kg		SW846-8270
2-Methylpyridine	U	0.134	mg/kg		SW846-8270
2-Naphthalenamine	U	0.132	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.02	mg/kg		SW846-8270
2-Nitrophenol	U	0.018	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.072	mg/kg		SW846-8270
3-Methylcholanthrene	J	0.11	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.05	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.114	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.016	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.02	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.094	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.014	mg/kg		SW846-8270
4-Methylphenol	U	0.016	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.132	mg/kg		SW846-8270
4-Nitrophenol	U	0.044	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.17	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.026	mg/kg		SW846-8270
Acenaphthene		0.44	mg/kg		SW846-8270

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Acenaphthylene	U	0.016	mg/kg	SW846-8270
Acetophenone	U	0.016	mg/kg	SW846-8270
Aniline	U	0.102	mg/kg	SW846-8270
Anthracene		0.69	mg/kg	SW846-8270
Benz(a)anthracene		4.3	mg/kg	SW846-8270
Benzenemethanol	U	0.02	mg/kg	SW846-8270
Benzdine	U	0.654	mg/kg	SW846-8270
Benzo(a)pyrene		4.1	mg/kg	SW846-8270
Benzo(b)fluoranthene		5.2	mg/kg	SW846-8270
Benzo(ghi)perylene		3.8	mg/kg	SW846-8270
Benzo(k)fluoranthene		1.7	mg/kg	SW846-8270
Benzoic acid	J	0.15	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.018	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.022	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.112	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	J	0.39	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.256	mg/kg	SW846-8270
Chrysene		4.2	mg/kg	SW846-8270
Dibenz(a,h)anthracene		0.92	mg/kg	SW846-8270
Dibenzofuran	J	0.24	mg/kg	SW846-8270
Diethyl phthalate	U	0.022	mg/kg	SW846-8270
Dimethyl phthalate	U	0.018	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.118	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.022	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.016	mg/kg	SW846-8270
Fluoranthene		7.9	mg/kg	SW846-8270
Fluorene		0.41	mg/kg	SW846-8270
Hexachlorobenzene	U	0.014	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.016	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.012	mg/kg	SW846-8270
Hexachloroethane	U	0.018	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene		3.8	mg/kg	SW846-8270
Isophorone	U	0.018	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.136	mg/kg	SW846-8270
Naphthalene	J	0.056	mg/kg	SW846-8270
Nitrobenzene	U	0.068	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.034	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.024	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.008	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.016	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.04	mg/kg	SW846-8270
Pentachlorobenzene	U	0.018	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.026	mg/kg	SW846-8270
Pentachlorophenol	J	0.069	mg/kg	SW846-8270
Phenacetin	U	0.028	mg/kg	SW846-8270
Phenanthrene		5.1	mg/kg	SW846-8270
Phenol	U	0.018	mg/kg	SW846-8270
Pronamide	U	0.024	mg/kg	SW846-8270
Pyrene		9	mg/kg	SW846-8270
Pyridine	U	0.106	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C10111

Collected: 8/7/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Chloride		2.9	mg/kg			EPA-300
Fluoride		32	mg/kg			EPA-300
Sulfate		4.4	mg/kg			EPA-300
Total Organic Carbon (TOC)		7700	mg/kg			SW846-9060
METAL						
Aluminum		6500	mg/kg			SW846-6010
Antimony	B	0.47	mg/kg			SW846-7041
Arsenic		7.2	mg/kg			SW846-6010
Barium		53	mg/kg			SW846-6010
Beryllium	B	1.1	mg/kg			SW846-6010
Cadmium	U	0.21	mg/kg			SW846-6010
Calcium		1300	mg/kg			SW846-6010
Chromium		24	mg/kg			SW846-6010
Cobalt		10	mg/kg			SW846-6010
Copper		6.5	mg/kg			SW846-6010
Iron		30000	mg/kg			SW846-6010
Lead		6.5	mg/kg			SW846-6010
Magnesium		430	mg/kg			SW846-6010
Manganese		490	mg/kg			SW846-6010
Mercury	U	0.11	mg/kg			SW846-7071
Molybdenum	B	11	mg/kg			SW846-6010
Nickel		9.6	mg/kg			SW846-6010
Potassium		200	mg/kg			SW846-6010
Selenium	U	0.53	mg/kg			SW846-6010
Silver	U	1.1	mg/kg			SW846-6010
Sodium	B	53	mg/kg			SW846-6010
Thallium		1.8	mg/kg			SW846-6010
Tin	B	8	mg/kg			SW846-6010
Uranium		120	mg/kg			SW846-6010
Vanadium		29	mg/kg			SW846-6010
Zinc		24	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.028	mg/kg			SW846-8270
4,4'-DDE	U	0.024	mg/kg			SW846-8270
4,4'-DDT	U	0.016	mg/kg			SW846-8270
Aldrin	U	0.02	mg/kg			SW846-8270
alpha-BHC	U	0.016	mg/kg			SW846-8270
beta-BHC	U	0.032	mg/kg			SW846-8270
delta-BHC	U	0.036	mg/kg			SW846-8270
Dieldrin	U	0.034	mg/kg			SW846-8270
Heptachlor	U	0.014	mg/kg			SW846-8270
Lindane	U	0.016	mg/kg			SW846-8270
Methoxychlor	U	0.008	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity		2.5E+07	pCi/L		RL-7119
Alpha activity		110	pCi/G	5.1	EPA-900
Beta activity		190	pCi/G	4.5	EPA-900
Beta activity		2.4E+07	pCi/L		RL-7119
Neptunium-237		0.01	pCi/G	0.02	EPA-907
Plutonium-239		0.02	pCi/G	0.02	EPA-907
Technetium-99		1.27	pCi/G	0.07	DNT
Thorium-230		1.01	pCi/G	0.1	EPA-907
Uranium-234		9.92	pCi/G	0.37	EPA-907
Uranium-235/236		1.53	pCi/G	0.16	EPA-907
Uranium-238		61.3	pCi/G	0.91	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.016	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.02	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.018	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.014	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.02	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.018	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.02	mg/kg		SW846-8270
1-Naphthalenamine	U	0.076	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.024	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.018	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.02	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.018	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.046	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.098	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.03	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.02	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.016	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.008	mg/kg		SW846-8270
2-Chlorophenol	U	0.022	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.1	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.018	mg/kg		SW846-8270
2-Methylphenol	U	0.016	mg/kg		SW846-8270
2-Methylpyridine	U	0.13	mg/kg		SW846-8270
2-Naphthalenamine	U	0.13	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.02	mg/kg		SW846-8270
2-Nitrophenol	U	0.018	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.072	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.04	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.05	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.11	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.016	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.02	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.094	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.014	mg/kg		SW846-8270
4-Methylphenol	U	0.016	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.13	mg/kg		SW846-8270
4-Nitrophenol	U	0.044	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.17	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.026	mg/kg		SW846-8270
Acenaphthene	U	0.016	mg/kg		SW846-8270
Acenaphthylene	U	0.016	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acetophenone	U	0.016	mg/kg	SW846-8270
Aniline	U	0.1	mg/kg	SW846-8270
Anthracene	U	0.018	mg/kg	SW846-8270
Benz(a)anthracene	U	0.016	mg/kg	SW846-8270
Benzenemethanol	U	0.02	mg/kg	SW846-8270
Benzidine	U	0.65	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.018	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.02	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.038	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.02	mg/kg	SW846-8270
Benzoic acid	U	0.05	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.018	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.022	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.11	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.23	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.26	mg/kg	SW846-8270
Chrysene	U	0.02	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.024	mg/kg	SW846-8270
Dibenzofuran	U	0.008	mg/kg	SW846-8270
Diethyl phthalate	U	0.022	mg/kg	SW846-8270
Dimethyl phthalate	U	0.018	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.12	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.022	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.016	mg/kg	SW846-8270
Fluoranthene	J	0.021	mg/kg	SW846-8270
Fluorene	U	0.018	mg/kg	SW846-8270
Hexachlorobenzene	U	0.014	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.016	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.012	mg/kg	SW846-8270
Hexachloroethane	U	0.018	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.026	mg/kg	SW846-8270
Isophorone	U	0.018	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.14	mg/kg	SW846-8270
Naphthalene	U	0.02	mg/kg	SW846-8270
Nitrobenzene	U	0.068	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.034	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.024	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.008	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.016	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.04	mg/kg	SW846-8270
Pentachlorobenzene	U	0.018	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.026	mg/kg	SW846-8270
Pentachlorophenol	U	0.018	mg/kg	SW846-8270
Phenacetin	U	0.028	mg/kg	SW846-8270
Phenanthrene	U	0.016	mg/kg	SW846-8270
Phenol	U	0.018	mg/kg	SW846-8270
Pronamide	U	0.024	mg/kg	SW846-8270
Pyrene	J	0.048	mg/kg	SW846-8270
Pyridine	U	0.11	mg/kg	SW846-8270

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12/18/2007

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C11111

Collected: 8/27/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Cyanide	U	0.099	mg/kg			SW846-9012
METAL						
Aluminum		4600	mg/kg			SW846-6010
Antimony	B	0.54	mg/kg			SW846-7041
Arsenic		4.4	mg/kg			SW846-6010
Barium		21	mg/kg			SW846-6010
Beryllium	B	0.55	mg/kg			SW846-6010
Cadmium	B	0.16	mg/kg			SW846-6010
Calcium		4800	mg/kg			SW846-6010
Chromium		22	mg/kg			SW846-6010
Cobalt		5.9	mg/kg			SW846-6010
Copper		6.1	mg/kg			SW846-6010
Iron		20000	mg/kg			SW846-6010
Lead		4.7	mg/kg			SW846-6010
Magnesium		380	mg/kg			SW846-6010
Manganese		160	mg/kg			SW846-6010
Mercury	U	0.034	mg/kg			SW846-7071
Molybdenum	B	3.1	mg/kg			SW846-6010
Nickel		7.1	mg/kg			SW846-6010
Potassium	B	230	mg/kg			SW846-6010
Selenium	U	0.39	mg/kg			SW846-6010
Silver	B	0.18	mg/kg			SW846-6010
Sodium	B	21	mg/kg			SW846-6010
Thallium		2	mg/kg			SW846-6010
Tin		12	mg/kg			SW846-6010
Uranium		100	mg/kg			SW846-6010
Vanadium		19	mg/kg			SW846-6010
Zinc		26	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.0082	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.0082	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.019	mg/kg			SW846-8270
Dieldrin	U	0.018	mg/kg			SW846-8270
Heptachlor	U	0.0072	mg/kg			SW846-8270
Lindane	U	0.0082	mg/kg			SW846-8270
Methoxychlor	U	0.0041	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260	J	0.027	mg/kg			SW846-8080
RADS						
Alpha activity		9.17	pCi/G	2.45		RL-7119

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Alpha activity	67	pCi/G	4.2	EPA-900
Beta activity	6.56	pCi/G	1.57	RL-7119
Beta activity	120	pCi/G	3.6	EPA-900
Neptunium-237	0.04	pCi/G	0.04	EPA-907
Plutonium-239	0.01	pCi/G	0.02	EPA-907
Technetium-99	1.79	pCi/G	0.07	DNT
Thorium-230	0.83	pCi/G	0.11	EPA-907
Uranium-234	8.92	pCi/G	0.34	EPA-907
Uranium-235/236	1.35	pCi/G	0.15	EPA-907
Uranium-238	47.9	pCi/G	0.78	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.0082	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.0093	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.0072	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.0093	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.039	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.0093	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.0093	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.024	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.051	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.0082	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.0041	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.054	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.0093	mg/kg	SW846-8270
2-Methylphenol	U	0.0082	mg/kg	SW846-8270
2-Methylpyridine	U	0.069	mg/kg	SW846-8270
2-Naphthalenamine	U	0.068	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.0093	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.037	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.021	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.026	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.059	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.0082	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.048	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.0072	mg/kg	SW846-8270
4-Methylphenol	U	0.0082	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.068	mg/kg	SW846-8270
4-Nitrophenol	U	0.023	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.088	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.0082	mg/kg	SW846-8270
Acenaphthylene	U	0.0082	mg/kg	SW846-8270
Acetophenone	U	0.0082	mg/kg	SW846-8270
Aniline	U	0.053	mg/kg	SW846-8270
Anthracene	U	0.0093	mg/kg	SW846-8270

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Benz(a)anthracene	J	0.026	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.34	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.02	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.034	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.02	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.026	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.0093	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.058	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.12	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.13	mg/kg	SW846-8270
Chrysene	J	0.024	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.0041	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.0093	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.061	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.0082	mg/kg	SW846-8270
Fluoranthene	J	0.039	mg/kg	SW846-8270
Fluorene	U	0.0093	mg/kg	SW846-8270
Hexachlorobenzene	U	0.0072	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.0082	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.0062	mg/kg	SW846-8270
Hexachloroethane	U	0.0093	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.0093	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.07	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.035	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.018	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.0041	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.0082	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.021	mg/kg	SW846-8270
Pentachlorobenzene	U	0.0093	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.0093	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.023	mg/kg	SW846-8270
Phenol	U	0.0093	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.048	mg/kg	SW846-8270
Pyridine	U	0.055	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

C02111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2.4	mg/kg			EPA-300
Fluoride		6.9	mg/kg			EPA-300
Nitrate/Nitrite		4.1	mg/kg			EPA-353.2
Sulfate		12	mg/kg			EPA-300
Total Organic Carbon (TOC)		11000	mg/kg			SW846-9060
METAL						
Aluminum		15000	mg/kg			SW846-6010
Antimony	B	0.57	mg/kg			SW846-7041
Arsenic		5.8	mg/kg			SW846-6010
Barium	B	120	mg/kg			SW846-6010
Beryllium	B	0.58	mg/kg			SW846-6010
Cadmium	B	0.071	mg/kg			SW846-6010
Calcium		6800	mg/kg			SW846-6010
Chromium		29	mg/kg			SW846-6010
Cobalt		7.2	mg/kg			SW846-6010
Copper		25	mg/kg			SW846-6010
Iron		18000	mg/kg			SW846-6010
Lead		17	mg/kg			SW846-6010
Magnesium		1500	mg/kg			SW846-6010
Manganese		490	mg/kg			SW846-6010
Mercury		0.095	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		23	mg/kg			SW846-6010
Potassium		1000	mg/kg			SW846-6010
Selenium	U	0.58	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium	U	70	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	5	mg/kg			SW846-6010
Uranium	B	23	mg/kg			SW846-6010
Vanadium		29	mg/kg			SW846-6010
Zinc		50	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		0.56	mg/kg		SW846-8080
RADS					
Alpha activity		22	pCi/G	2.6	EPA-900
Alpha activity		35.74	pCi/G		RL-7119
Beta activity		41	pCi/G	2.8	EPA-900
Beta activity		31.09	pCi/G		RL-7119
Neptunium-237		0.15	pCi/G	0.05	EPA-907
Plutonium-239		0.21	pCi/G	0.05	EPA-907
Technetium-99		2.46	pCi/G	0.0612	DNT
Thorium-230		1.74	pCi/G	0.13	EPA-907
Uranium-234		9.26	pCi/G	0.3	EPA-907
Uranium-235/236		1.12	pCi/G	0.12	EPA-907
Uranium-238		10.7	pCi/G	0.32	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	J	0.011	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	J	0.035	mg/kg		SW846-8270

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Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	J	0.071	mg/kg	SW846-8270
Benz(a)anthracene		0.4	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzdine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.33	mg/kg	SW846-8270
Benzo(b)fluoranthene		0.43	mg/kg	SW846-8270
Benzo(ghi)perylene	J	0.29	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.16	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.31	mg/kg	SW846-8270
Dibenz(a,h)anthracene	J	0.085	mg/kg	SW846-8270
Dibenzofuran	J	0.021	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene		0.44	mg/kg	SW846-8270
Fluorene	J	0.043	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.3	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene		0.44	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene		0.81	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C03111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2.6	mg/kg			EPA-300
Fluoride		10	mg/kg			EPA-300
Nitrate/Nitrite		3.7	mg/kg			EPA-353.2
Sulfate		6.5	mg/kg			EPA-300
Total Organic Carbon (TOC)		12000	mg/kg			SW846-9060
METAL						
Aluminum		9400	mg/kg			SW846-6010
Antimony	B	0.48	mg/kg			SW846-7041
Arsenic		4.2	mg/kg			SW846-6010
Barium	B	85	mg/kg			SW846-6010
Beryllium	B	0.44	mg/kg			SW846-6010
Cadmium	B	0.048	mg/kg			SW846-6010
Calcium		5700	mg/kg			SW846-6010
Chromium		18	mg/kg			SW846-6010
Cobalt		4.4	mg/kg			SW846-6010
Copper		16	mg/kg			SW846-6010
Iron		13000	mg/kg			SW846-6010
Lead		11	mg/kg			SW846-6010
Magnesium		1100	mg/kg			SW846-6010
Manganese		270	mg/kg			SW846-6010
Mercury		0.13	mg/kg			SW846-7071
Molybdenum	B	11	mg/kg			SW846-6010
Nickel		16	mg/kg			SW846-6010
Potassium		490	mg/kg			SW846-6010
Selenium	B	0.43	mg/kg			SW846-6010
Silver	U	1.1	mg/kg			SW846-6010
Sodium	B	57	mg/kg			SW846-6010
Thallium	B	0.62	mg/kg			SW846-6010
Tin	B	3.1	mg/kg			SW846-6010
Uranium	B	23	mg/kg			SW846-6010
Vanadium		18	mg/kg			SW846-6010
Zinc		33	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		0.18	mg/kg		SW846-8080
RADS					
Alpha activity		21.21	pCi/G	13.41	RL-7119
Alpha activity		18	pCi/G	2.4	EPA-900
Beta activity		45	pCi/G	2.9	EPA-900
Beta activity		6.22	pCi/G	2.54	RL-7119
Neptunium-237		0.24	pCi/G	0.05	EPA-907
Plutonium-239		0.15	pCi/G	0.05	EPA-907
Technetium-99		0.105	pCi/G	0.101	DNT
Thorium-230		2.49	pCi/G	0.16	EPA-907
Uranium-234		6.33	pCi/G	0.26	EPA-907
Uranium-235/236		0.5	pCi/G	0.08	EPA-907
Uranium-238		7.82	pCi/G	0.29	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	U	0.008	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.047	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.049	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.06	mg/kg	SW846-8270
Benzo(ghi)perylene	J	0.05	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.026	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.034	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.046	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.044	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.022	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.081	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

C04111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2.2	mg/kg			EPA-300
Fluoride		12	mg/kg			EPA-300
Nitrate/Nitrite		6.3	mg/kg			EPA-353.2
Sulfate		35	mg/kg			EPA-300
Total Organic Carbon (TOC)		34000	mg/kg			SW846-9060
METAL						
Aluminum		8400	mg/kg			SW846-6010
Antimony	B	1.3	mg/kg			SW846-7041
Arsenic		5.1	mg/kg			SW846-6010
Barium	B	59	mg/kg			SW846-6010
Beryllium	B	0.5	mg/kg			SW846-6010
Cadmium		1	mg/kg			SW846-6010
Calcium		24000	mg/kg			SW846-6010
Chromium		38	mg/kg			SW846-6010
Cobalt		7.3	mg/kg			SW846-6010
Copper		68	mg/kg			SW846-6010
Iron		15000	mg/kg			SW846-6010
Lead		49	mg/kg			SW846-6010
Magnesium		2000	mg/kg			SW846-6010
Manganese		310	mg/kg			SW846-6010
Mercury		0.17	mg/kg			SW846-7071
Molybdenum	U	12	mg/kg			SW846-6010
Nickel		31	mg/kg			SW846-6010
Potassium		570	mg/kg			SW846-6010
Selenium	B	0.57	mg/kg			SW846-6010
Silver	B	1.2	mg/kg			SW846-6010
Sodium		68	mg/kg			SW846-6010
Thallium	B	0.89	mg/kg			SW846-6010
Tin	B	5.9	mg/kg			SW846-6010
Uranium		130	mg/kg			SW846-6010
Vanadium		20	mg/kg			SW846-6010
Zinc		83	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		15	mg/kg		SW846-8080
RADS					
Alpha activity		85	pCi/G	4.6	EPA-900
Alpha activity		61.26	pCi/G	23.58	RL-7119
Beta activity		150	pCi/G	3.8	EPA-900
Beta activity		93.26	pCi/G	17.94	RL-7119
Neptunium-237		0.47	pCi/G	0.07	EPA-907
Plutonium-239		0.62	pCi/G	0.08	EPA-907
Technetium-99		1.1	pCi/G	0.472	DNT
Thorium-230		4.88	pCi/G	0.22	EPA-907
Uranium-234		39.4	pCi/G	0.72	EPA-907
Uranium-235/236		2.86	pCi/G	0.22	EPA-907
Uranium-238		57	pCi/G	0.86	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	J	0.27	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	J	0.22	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene		1.7	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	J	0.03	mg/kg	SW846-8270
Acetophenone	J	0.013	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene		3.2	mg/kg	SW846-8270
Benz(a)anthracene		9.1	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene		8.4	mg/kg	SW846-8270
Benzo(b)fluoranthene		9.6	mg/kg	SW846-8270
Benzo(ghi)perylene		5.2	mg/kg	SW846-8270
Benzo(k)fluoranthene		4.3	mg/kg	SW846-8270
Benzoic acid	J	0.043	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene		9.9	mg/kg	SW846-8270
Dibenz(a,h)anthracene		1.6	mg/kg	SW846-8270
Dibenzofuran		0.83	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene		20	mg/kg	SW846-8270
Fluorene		1.3	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene		5.4	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	J	0.31	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene		17	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene		23	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

Paducah-OREIS Data Report

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12/18/2007

WAG22SS-5

1021003

WAG 22 (SWMUs 7 and 30) 1021003

C05111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Chloride		2.8	mg/kg			EPA-300
Fluoride		20	mg/kg			EPA-300
Nitrate/Nitrite		4	mg/kg			EPA-353.2
Sulfate		24	mg/kg			EPA-300
Total Organic Carbon (TOC)		32000	mg/kg			SW846-9060
METAL						
Aluminum		10000	mg/kg			SW846-6010
Antimony	B	0.49	mg/kg			SW846-7041
Arsenic		8.9	mg/kg			SW846-6010
Barium	B	62	mg/kg			SW846-6010
Beryllium	B	0.68	mg/kg			SW846-6010
Cadmium	B	0.17	mg/kg			SW846-6010
Calcium		12000	mg/kg			SW846-6010
Chromium		27	mg/kg			SW846-6010
Cobalt		8.5	mg/kg			SW846-6010
Copper		27	mg/kg			SW846-6010
Iron		22000	mg/kg			SW846-6010
Lead		21	mg/kg			SW846-6010
Magnesium		1200	mg/kg			SW846-6010
Manganese		320	mg/kg			SW846-6010
Mercury		0.097	mg/kg			SW846-7071
Molybdenum	B	13	mg/kg			SW846-6010
Nickel		19	mg/kg			SW846-6010
Potassium		630	mg/kg			SW846-6010
Selenium		0.66	mg/kg			SW846-6010
Silver	B	1.3	mg/kg			SW846-6010
Sodium	B	64	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	4.5	mg/kg			SW846-6010
Uranium		450	mg/kg			SW846-6010
Vanadium		34	mg/kg			SW846-6010
Zinc		46	mg/kg			SW846-6010
PCPB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		1.4	mg/kg		SW846-8080
RADS					
Alpha activity		337.8	pCi/G	58.37	RL-7119
Alpha activity		230	pCi/G	7.4	EPA-900
Beta activity		330	pCi/G	5.4	EPA-900
Beta activity		280.83	pCi/G	33.03	RL-7119
Neptunium-237		0.13	pCi/G	0.04	EPA-907
Plutonium-239		0.19	pCi/G	0.05	EPA-907
Technetium-99		0.101	pCi/G	0.0972	DNT
Thorium-230		1.56	pCi/G	0.12	EPA-907
Uranium-234		115	pCi/G	1.73	EPA-907
Uranium-235/236		9.68	pCi/G	0.56	EPA-907
Uranium-238		195	pCi/G	2.25	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	J	0.019	mg/kg		SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	J	0.035	mg/kg	SW846-8270
Benz(a)anthracene	J	0.28	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzdine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.36	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.42	mg/kg	SW846-8270
Benzo(ghi)perylene	J	0.36	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.16	mg/kg	SW846-8270
Benzoic acid	J	0.028	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.23	mg/kg	SW846-8270
Dibenz(a,h)anthracene	J	0.097	mg/kg	SW846-8270
Dibenzofuran	J	0.0097	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.3	mg/kg	SW846-8270
Fluorene	J	0.013	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.36	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.25	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene		0.55	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C06101

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		3.8	mg/kg			EPA-300
Fluoride		8.1	mg/kg			EPA-300
Nitrate/Nitrite		7.1	mg/kg			EPA-353.2
Sulfate		8	mg/kg			EPA-300
Total Organic Carbon (TOC)		22000	mg/kg			SW846-9060
METAL						
Aluminum		9700	mg/kg			SW846-6010
Antimony	B	0.67	mg/kg			SW846-7041
Arsenic		5.1	mg/kg			SW846-6010
Barium	B	70	mg/kg			SW846-6010
Beryllium	B	0.49	mg/kg			SW846-6010
Cadmium	B	0.12	mg/kg			SW846-6010
Calcium		5400	mg/kg			SW846-6010
Chromium		33	mg/kg			SW846-6010
Cobalt		5.3	mg/kg			SW846-6010
Copper		14	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		20	mg/kg			SW846-6010
Magnesium		1000	mg/kg			SW846-6010
Manganese		280	mg/kg			SW846-6010
Mercury		0.077	mg/kg			SW846-7071
Molybdenum	B	13	mg/kg			SW846-6010
Nickel		16	mg/kg			SW846-6010
Potassium		660	mg/kg			SW846-6010
Selenium	U	0.63	mg/kg			SW846-6010
Silver	U	1.3	mg/kg			SW846-6010
Sodium	B	63	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	5.8	mg/kg			SW846-6010
Uranium		100	mg/kg			SW846-6010
Vanadium		20	mg/kg			SW846-6010
Zinc		46	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		0.39	mg/kg		SW846-8080

RADS

Alpha activity		52.27	pCi/G	21.8	RL-7119
Alpha activity		48	pCi/G	3.7	EPA-900
Beta activity		66.32	pCi/G	14.65	RL-7119
Beta activity		84	pCi/G	3.5	EPA-900
Neptunium-237		0.12	pCi/G	0.04	EPA-907
Plutonium-239		0.14	pCi/G	0.04	EPA-907
Technetium-99		1.6	pCi/G	0.0537	DNT
Thorium-230		1.46	pCi/G	0.12	EPA-907
Uranium-234		17.7	pCi/G	0.44	EPA-907
Uranium-235/236		1.53	pCi/G	0.14	EPA-907
Uranium-238		36	pCi/G	0.62	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	U	0.008	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.052	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.075	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.094	mg/kg	SW846-8270
Benzo(ghi)perylene	J	0.076	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.044	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.045	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.036	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.071	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.028	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.074	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C06111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2.2	mg/kg			EPA-300
Fluoride		6.7	mg/kg			EPA-300
Nitrate/Nitrite		6.4	mg/kg			EPA-353.2
Sulfate		7.4	mg/kg			EPA-300
Total Organic Carbon (TOC)		19000	mg/kg			SW846-9060
METAL						
Aluminum		10000	mg/kg			SW846-6010
Antimony	B	0.58	mg/kg			SW846-7041
Arsenic		5.3	mg/kg			SW846-6010
Barium	B	74	mg/kg			SW846-6010
Beryllium	B	0.48	mg/kg			SW846-6010
Cadmium	B	0.13	mg/kg			SW846-6010
Calcium		3900	mg/kg			SW846-6010
Chromium		34	mg/kg			SW846-6010
Cobalt		5	mg/kg			SW846-6010
Copper		15	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		23	mg/kg			SW846-6010
Magnesium		1100	mg/kg			SW846-6010
Manganese		320	mg/kg			SW846-6010
Mercury		0.083	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		17	mg/kg			SW846-6010
Potassium		650	mg/kg			SW846-6010
Selenium		0.88	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium	B	62	mg/kg			SW846-6010
Thallium	B	1.1	mg/kg			SW846-6010
Tin	B	3.3	mg/kg			SW846-6010
Uranium		94	mg/kg			SW846-6010
Vanadium		22	mg/kg			SW846-6010
Zinc		46	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg	SW846-8080
PCB-1260		0.31	mg/kg	SW846-8080

RADS

Alpha activity		52	pCi/G	3.9	EPA-900
Alpha activity		68.56	pCi/G	25.46	RL-7119
Beta activity		65.28	pCi/G	14.51	RL-7119
Beta activity		92	pCi/G	3.4	EPA-900
Neptunium-237		0.16	pCi/G	0.04	EPA-907
Plutonium-239		0.3	pCi/G	0.06	EPA-907
Technetium-99		1.54	pCi/G	0.052	DNT
Thorium-230		1.68	pCi/G	0.13	EPA-907
Uranium-234		19.2	pCi/G	0.46	EPA-907
Uranium-235/236		1.8	pCi/G	0.16	EPA-907
Uranium-238		39.5	pCi/G	0.66	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.038	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.05	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzdine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.072	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.1	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.044	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.036	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.034	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.074	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C07111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		4.5	mg/kg			EPA-300
Fluoride		13	mg/kg			EPA-300
Nitrate/Nitrite		8.7	mg/kg			EPA-353.2
Sulfate		7.1	mg/kg			EPA-300
Total Organic Carbon (TOC)		50000	mg/kg			SW846-9060
METAL						
Aluminum		10000	mg/kg			SW846-6010
Antimony	B	0.54	mg/kg			SW846-7041
Arsenic		4.4	mg/kg			SW846-6010
Barium	B	78	mg/kg			SW846-6010
Beryllium	B	0.47	mg/kg			SW846-6010
Cadmium		0.35	mg/kg			SW846-6010
Calcium		24000	mg/kg			SW846-6010
Chromium		16	mg/kg			SW846-6010
Cobalt		5	mg/kg			SW846-6010
Copper		18	mg/kg			SW846-6010
Iron		13000	mg/kg			SW846-6010
Lead		19	mg/kg			SW846-6010
Magnesium		1400	mg/kg			SW846-6010
Manganese		330	mg/kg			SW846-6010
Mercury		0.092	mg/kg			SW846-7071
Molybdenum	B	14	mg/kg			SW846-6010
Nickel		55	mg/kg			SW846-6010
Potassium		710	mg/kg			SW846-6010
Selenium	U	0.71	mg/kg			SW846-6010
Silver	U	1.4	mg/kg			SW846-6010
Sodium	B	71	mg/kg			SW846-6010
Thallium	B	0.99	mg/kg			SW846-6010
Tin	B	8.3	mg/kg			SW846-6010
Uranium		230	mg/kg			SW846-6010
Vanadium		20	mg/kg			SW846-6010
Zinc		73	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		0.16	mg/kg		SW846-8080

RADS

Alpha activity		120.73	pCi/G	34.49	RL-7119
Alpha activity		82	pCi/G	4.5	EPA-900
Beta activity		140	pCi/G	3.8	EPA-900
Beta activity		93.26	pCi/G	17.94	RL-7119
Neptunium-237		0.53	pCi/G	0.08	EPA-907
Plutonium-239		0.16	pCi/G	0.06	EPA-907
Technetium-99		0.205	pCi/G	0.0391	DNT
Thorium-230		2.16	pCi/G	0.15	EPA-907
Uranium-234		32.9	pCi/G	0.73	EPA-907
Uranium-235/236		3.52	pCi/G	0.27	EPA-907
Uranium-238		84.3	pCi/G	1.17	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	U	0.008	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	J	0.019	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	J	0.021	mg/kg	SW846-8270
Benz(a)anthracene	J	0.22	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzdine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.26	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.35	mg/kg	SW846-8270
Benzo(ghi)perylene	J	0.21	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.14	mg/kg	SW846-8270
Benzoic acid	J	0.044	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.18	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.2	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.21	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.11	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.43	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

C08111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Chloride		3.2	mg/kg			EPA-300
Fluoride		5.5	mg/kg			EPA-300
Nitrate/Nitrite		3.5	mg/kg			EPA-353.2
Sulfate		4.9	mg/kg			EPA-300
Total Organic Carbon (TOC)		26000	mg/kg			SW846-9060
METAL						
Aluminum		8300	mg/kg			SW846-6010
Antimony	B	0.9	mg/kg			SW846-7041
Arsenic		16	mg/kg			SW846-6010
Barium	B	89	mg/kg			SW846-6010
Beryllium		1.3	mg/kg			SW846-6010
Cadmium	U	0.23	mg/kg			SW846-6010
Calcium		5200	mg/kg			SW846-6010
Chromium		18	mg/kg			SW846-6010
Cobalt		8.7	mg/kg			SW846-6010
Copper		16	mg/kg			SW846-6010
Iron		28000	mg/kg			SW846-6010
Lead		24	mg/kg			SW846-6010
Magnesium		1100	mg/kg			SW846-6010
Manganese		470	mg/kg			SW846-6010
Mercury		0.052	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		13	mg/kg			SW846-6010
Potassium		520	mg/kg			SW846-6010
Selenium		0.63	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium	B	58	mg/kg			SW846-6010
Thallium		1.8	mg/kg			SW846-6010
Tin	B	7.2	mg/kg			SW846-6010
Uranium		380	mg/kg			SW846-6010
Vanadium		52	mg/kg			SW846-6010
Zinc		47	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg		SW846-8080
PCB-1260		0.051	mg/kg		SW846-8080
RADS					
Alpha activity		200.87	pCi/G	44.37	RL-7119
Alpha activity		110	pCi/G	5.2	EPA-900
Beta activity		230	pCi/G	4.9	EPA-900
Beta activity		226.94	pCi/G	29.48	RL-7119
Neptunium-237		0.09	pCi/G	0.03	EPA-907
Plutonium-239		0.13	pCi/G	0.04	EPA-907
Technetium-99		1.55	pCi/G	0.0515	DNT
Thorium-230		1.24	pCi/G	0.11	EPA-907
Uranium-234		33.9	pCi/G	0.88	EPA-907
Uranium-235/236		4.87	pCi/G	0.37	EPA-907
Uranium-238		142	pCi/G	1.8	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270
Acenaphthene	U	0.008	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.028	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.04	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.051	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.022	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.018	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.02	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.015	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.037	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

C09111

Collected: 8/6/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2	mg/kg			EPA-300
Fluoride		26	mg/kg			EPA-300
Nitrate/Nitrite		1.4	mg/kg			EPA-353.2
Sulfate		6.3	mg/kg			EPA-300
Total Organic Carbon (TOC)		9900	mg/kg			SW846-9060
METAL						
Aluminum		8700	mg/kg			SW846-6010
Antimony	B	1.6	mg/kg			SW846-7041
Arsenic		5	mg/kg			SW846-6010
Barium	B	64	mg/kg			SW846-6010
Beryllium	B	0.85	mg/kg			SW846-6010
Cadmium	U	0.23	mg/kg			SW846-6010
Calcium		5700	mg/kg			SW846-6010
Chromium		42	mg/kg			SW846-6010
Cobalt		8.9	mg/kg			SW846-6010
Copper		11	mg/kg			SW846-6010
Iron		24000	mg/kg			SW846-6010
Lead		16	mg/kg			SW846-6010
Magnesium		1000	mg/kg			SW846-6010
Manganese		330	mg/kg			SW846-6010
Mercury		0.036	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		16	mg/kg			SW846-6010
Potassium		440	mg/kg			SW846-6010
Selenium	U	0.58	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium	B	58	mg/kg			SW846-6010
Thallium		1.7	mg/kg			SW846-6010
Tin	B	9.3	mg/kg			SW846-6010
Uranium		1400	mg/kg			SW846-6010
Vanadium		30	mg/kg			SW846-6010
Zinc		63	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1254	U	0.00071	mg/kg	SW846-8080
PCB-1260		0.026	mg/kg	SW846-8080

RADS

Alpha activity		570	pCi/G	12	EPA-900
Alpha activity		478.7	pCi/G	69.08	RL-7119
Beta activity		1200	pCi/G	10	EPA-900
Beta activity		515.03	pCi/G	45.37	RL-7119
Neptunium-237		0.08	pCi/G	0.03	EPA-907
Plutonium-239		0.06	pCi/G	0.03	EPA-907
Technetium-99		1.47	pCi/G	0.0492	DNT
Thorium-230		1.27	pCi/G	0.11	EPA-907
Uranium-234		110	pCi/G	2.43	EPA-907
Uranium-235/236		16.6	pCi/G	1.05	EPA-907
Uranium-238		565	pCi/G	5.49	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.038	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.02	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.019	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.03	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.019	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.032	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

Paducah-OREIS Data Report

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12/18/2007

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

W01211

Collected: 7/12/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		1.8	mg/kg			EPA-300
Fluoride		4.9	mg/kg			EPA-300
Sulfate		150	mg/kg			EPA-300
Total Organic Carbon (TOC)		3400	mg/kg			SW846-9060
METAL						
Aluminum		19000	mg/kg			SW846-6010
Antimony	B	8.4	mg/kg			SW846-7041
Arsenic		6.3	mg/kg			SW846-6010
Barium		130	mg/kg			SW846-6010
Beryllium	B	1.4	mg/kg			SW846-6010
Cadmium	U	0.7	mg/kg			SW846-6010
Calcium		10000	mg/kg			SW846-6010
Chromium		49	mg/kg			SW846-6010
Cobalt		5.6	mg/kg			SW846-6010
Copper		20	mg/kg			SW846-6010
Iron		21000	mg/kg			SW846-6010
Lead		14	mg/kg			SW846-6010
Magnesium		2000	mg/kg			SW846-6010
Manganese		340	mg/kg			SW846-6010
Mercury		0.12	mg/kg			SW846-7071
Molybdenum	B	14	mg/kg			SW846-6010
Nickel		25	mg/kg			SW846-6010
Potassium		1500	mg/kg			SW846-6010
Selenium	B	0.69	mg/kg			SW846-6010
Silver	U	1.4	mg/kg			SW846-6010
Sodium		150	mg/kg			SW846-6010
Thallium	B	1.4	mg/kg			SW846-6010
Tin	B	4.7	mg/kg			SW846-6010
Uranium	U	14	mg/kg			SW846-6010
Vanadium		40	mg/kg			SW846-6010
Zinc		52	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260		0.18	mg/kg		SW846-8080
RADS					
Alpha activity	U	75.6	pCi/G		RL-7119
Alpha activity		19	pCi/G	2.7	EPA-900
Beta activity	U	64.8	pCi/G		RL-7119
Beta activity		28	pCi/G	2.4	EPA-900
Neptunium-237		0.04	pCi/G	0.03	EPA-907
Plutonium-239		0.08	pCi/G	0.03	EPA-907
Technetium-99		6.79	pCi/G	0.08	DNT
Thorium-230		1.43	pCi/G	0.13	EPA-907
Uranium-234		0.2	pCi/G	0.05	EPA-907
Uranium-235/236		0.02	pCi/G	0.02	EPA-907
Uranium-238		0.38	pCi/G	0.07	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.02	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	U	0.0041	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.007	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	J	0.0011	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003
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WAG 22 (SWMUs 7 and 30) 1021003

Collected: 7/13/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		1.2	mg/kg			EPA-300
Fluoride		2.2	mg/kg			EPA-300
Sulfate		61	mg/kg			EPA-300
Total Organic Carbon (TOC)		3300	mg/kg			SW846-9060
METAL						
Aluminum		10000	mg/kg			SW846-6010
Antimony	U	7.1	mg/kg			SW846-7041
Arsenic		4.9	mg/kg			SW846-6010
Barium		79	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.59	mg/kg			SW846-6010
Calcium		740	mg/kg			SW846-6010
Chromium		15	mg/kg			SW846-6010
Cobalt		3.3	mg/kg			SW846-6010
Copper		7.8	mg/kg			SW846-6010
Iron		11000	mg/kg			SW846-6010
Lead		12	mg/kg			SW846-6010
Magnesium		780	mg/kg			SW846-6010
Manganese		380	mg/kg			SW846-6010
Mercury	U	0.12	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		7.7	mg/kg			SW846-6010
Potassium		490	mg/kg			SW846-6010
Selenium		0.72	mg/kg			SW846-6010
Silver	B	1.2	mg/kg			SW846-6010
Sodium		96	mg/kg			SW846-6010
Thallium	U	1.2	mg/kg			SW846-6010
Tin	B	2.4	mg/kg			SW846-6010
Uranium	U	12	mg/kg			SW846-6010
Vanadium		19	mg/kg			SW846-6010
Zinc		25	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

WB-10**1021003****WAG 22 (SWMUs 7 and 30) 1021003**

PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity		11	pCi/G	2.2	EPA-900
Alpha activity		150.78	pCi/G	71.02	RL-7119
Beta activity	U	64.8	pCi/G		RL-7119
Beta activity		22	pCi/G	2.4	EPA-900
Neptunium-237		-0.147	pCi/G	0.02	EPA-907
Plutonium-239		-0.024	pCi/G	0.01	EPA-907
Technetium-99		0.06	pCi/G	0.04	DNT
Thorium-230		1.26	pCi/G	0.12	EPA-907
Uranium-234		1.21	pCi/G	0.12	EPA-907
Uranium-235/236		0.07	pCi/G	0.04	EPA-907
Uranium-238		2.02	pCi/G	0.15	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

WB-10**1021003****WAG 22 (SWMUs 7 and 30) 1021003**

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

WB-10**1021003****WAG 22 (SWMUs 7 and 30) 1021003**

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	U	0.0041	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.0059	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003
W11211

WAG 22 (SWMUs 7 and 30) 1021003

Collected: 7/13/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		4.7	mg/kg			EPA-300
Fluoride		7.3	mg/kg			EPA-300
Sulfate		8.1	mg/kg			EPA-300
Total Organic Carbon (TOC)		1800	mg/kg			SW846-9060
METAL						
Aluminum		9100	mg/kg			SW846-6010
Antimony	U	7.2	mg/kg			SW846-7041
Arsenic		9.7	mg/kg			SW846-6010
Barium		110	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.6	mg/kg			SW846-6010
Calcium		1500	mg/kg			SW846-6010
Chromium		14	mg/kg			SW846-6010
Cobalt		14	mg/kg			SW846-6010
Copper		14	mg/kg			SW846-6010
Iron		17000	mg/kg			SW846-6010
Lead		18	mg/kg			SW846-6010
Magnesium		990	mg/kg			SW846-6010
Manganese		1200	mg/kg			SW846-6010
Mercury	U	0.12	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		16	mg/kg			SW846-6010
Potassium		420	mg/kg			SW846-6010
Selenium		0.6	mg/kg			SW846-6010
Silver	B	1.2	mg/kg			SW846-6010
Sodium		180	mg/kg			SW846-6010
Thallium	U	1.2	mg/kg			SW846-6010
Tin	B	4.6	mg/kg			SW846-6010
Uranium	U	12	mg/kg			SW846-6010
Vanadium		25	mg/kg			SW846-6010
Zinc		26	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260	J	0.02	mg/kg		SW846-8080
RADS					
Alpha activity		16	pCi/G	2.5	EPA-900
Alpha activity	U	75.6	pCi/G		RL-7119
Beta activity		25	pCi/G	2.3	EPA-900
Beta activity	U	64.8	pCi/G		RL-7119
Neptunium-237		0.02	pCi/G	0.02	EPA-907
Plutonium-239		0	pCi/G	0.01	EPA-907
Technetium-99		0.24	pCi/G	0.04	DNT
Thorium-230		1.27	pCi/G	0.12	EPA-907
Uranium-234		2.26	pCi/G	0.16	EPA-907
Uranium-235/236		0.14	pCi/G	0.05	EPA-907
Uranium-238		2.74	pCi/G	0.18	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	J	0.033	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	J	0.025	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	J	0.023	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	J	0.017	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.038	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	J	0.052	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.067	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	J	0.026	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.035	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.054	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.012	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.041	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone		0.018	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.006	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

Paducah-OREIS Data Report

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12/18/2007

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W12211

WAG 22 (SWMUs 7 and 30) 1021003

Collected: 7/15/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		11	mg/kg			EPA-300
Fluoride		26	mg/kg			EPA-300
Sulfate		4.4	mg/kg			EPA-300
Total Organic Carbon (TOC)		1900	mg/kg			SW846-9060
METAL						
Aluminum		11000	mg/kg			SW846-6010
Antimony	U	7.5	mg/kg			SW846-7041
Arsenic		3.7	mg/kg			SW846-6010
Barium		180	mg/kg			SW846-6010
Beryllium	B	1.3	mg/kg			SW846-6010
Cadmium	U	0.25	mg/kg			SW846-6010
Calcium		1600	mg/kg			SW846-6010
Chromium		13	mg/kg			SW846-6010
Cobalt		6.1	mg/kg			SW846-6010
Copper		12	mg/kg			SW846-6010
Iron		15000	mg/kg			SW846-6010
Lead		8.5	mg/kg			SW846-6010
Magnesium		1600	mg/kg			SW846-6010
Manganese		470	mg/kg			SW846-6010
Mercury	U	0.013	mg/kg			SW846-7071
Molybdenum	B	13	mg/kg			SW846-6010
Nickel		13	mg/kg			SW846-6010
Potassium		680	mg/kg			SW846-6010
Selenium	B	0.58	mg/kg			SW846-6010
Silver	U	1.3	mg/kg			SW846-6010
Sodium		400	mg/kg			SW846-6010
Thallium	B	1.3	mg/kg			SW846-6010
Tin	B	3.8	mg/kg			SW846-6010
Uranium	B	13	mg/kg			SW846-6010
Vanadium		25	mg/kg			SW846-6010
Zinc		33	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248		0.41	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

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PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity		11	pCi/G	2.3	EPA-900
Alpha activity		74.34	pCi/G	39.73	RL-7119
Beta activity		24	pCi/G	2.4	EPA-900
Beta activity		46.41	pCi/G	14.86	RL-7119
Neptunium-237		0.01	pCi/G	0.03	EPA-907
Plutonium-239		0.01	pCi/G	0.01	EPA-907
Technetium-99		0.61	pCi/G	0.04	DNT
Thorium-230		1.11	pCi/G	0.12	EPA-907
Uranium-234		1.85	pCi/G	0.15	EPA-907
Uranium-235/236		0.12	pCi/G	0.04	EPA-907
Uranium-238		4.07	pCi/G	0.22	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	J	0.037	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	J	0.072	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

WB-12**1021003****WAG 22 (SWMUs 7 and 30) 1021003**

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	J	0.0082	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	U	0.00041	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003
W13211

WAG 22 (SWMUs 7 and 30) 1021003

Collected: 7/15/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		23	mg/kg			EPA-300
Fluoride		10	mg/kg			EPA-300
Sulfate		13	mg/kg			EPA-300
Total Organic Carbon (TOC)		990	mg/kg			SW846-9060
METAL						
Aluminum		9900	mg/kg			SW846-6010
Antimony	B	7.3	mg/kg			SW846-7041
Arsenic		5.1	mg/kg			SW846-6010
Barium		93	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.24	mg/kg			SW846-6010
Calcium		1600	mg/kg			SW846-6010
Chromium		14	mg/kg			SW846-6010
Cobalt		5.1	mg/kg			SW846-6010
Copper		8.5	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		11	mg/kg			SW846-6010
Magnesium		1100	mg/kg			SW846-6010
Manganese		380	mg/kg			SW846-6010
Mercury	U	0.012	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		10	mg/kg			SW846-6010
Potassium		450	mg/kg			SW846-6010
Selenium	U	0.61	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium		240	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	2	mg/kg			SW846-6010
Uranium		14	mg/kg			SW846-6010
Vanadium		24	mg/kg			SW846-6010
Zinc		26	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

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PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity		20	pCi/G	2.8	EPA-900
Alpha activity		103.74	pCi/G	46.39	RL-7119
Beta activity		38	pCi/G	2.8	EPA-900
Beta activity		128.01	pCi/G	26.99	RL-7119
Neptunium-237		0.03	pCi/G	0.02	EPA-907
Plutonium-239		0	pCi/G	0.01	EPA-907
Technetium-99		1.53	pCi/G	0.05	DNT
Thorium-230		1.19	pCi/G	0.12	EPA-907
Uranium-234		2.59	pCi/G	0.17	EPA-907
Uranium-235/236		0.34	pCi/G	0.07	EPA-907
Uranium-238		12.3	pCi/G	0.36	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone		0.022	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	U	0.00041	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

W14211

Collected: 7/16/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		1.3	mg/kg			EPA-300
Fluoride		14	mg/kg			EPA-300
Sulfate		3.4	mg/kg			EPA-300
Total Organic Carbon (TOC)		2900	mg/kg			SW846-9060
METAL						
Aluminum		8600	mg/kg			SW846-6010
Antimony	B	7.4	mg/kg			SW846-7041
Arsenic		3.9	mg/kg			SW846-6010
Barium		130	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.25	mg/kg			SW846-6010
Calcium		1200	mg/kg			SW846-6010
Chromium		12	mg/kg			SW846-6010
Cobalt		6.5	mg/kg			SW846-6010
Copper		9.1	mg/kg			SW846-6010
Iron		17000	mg/kg			SW846-6010
Lead		10	mg/kg			SW846-6010
Magnesium		1000	mg/kg			SW846-6010
Manganese		1200	mg/kg			SW846-6010
Mercury	U	0.012	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		9.6	mg/kg			SW846-6010
Potassium		310	mg/kg			SW846-6010
Selenium	B	0.42	mg/kg			SW846-6010
Silver	B	1.2	mg/kg			SW846-6010
Sodium		160	mg/kg			SW846-6010
Thallium	U	1.2	mg/kg			SW846-6010
Tin	B	2.9	mg/kg			SW846-6010
Uranium		18	mg/kg			SW846-6010
Vanadium		31	mg/kg			SW846-6010
Zinc		20	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity	U	72.6	pCi/G		RL-7119
Alpha activity		23	pCi/G	2.7	EPA-900
Beta activity		59.21	pCi/G	17.27	RL-7119
Beta activity		42	pCi/G	2.6	EPA-900
Neptunium-237		0.01	pCi/G	0.02	EPA-907
Plutonium-239		0.01	pCi/G	0.02	EPA-907
Technetium-99		4.17	pCi/G	0.06	DNT
Thorium-230		1.46	pCi/G	0.14	EPA-907
Uranium-234		3.34	pCi/G	0.21	EPA-907
Uranium-235/236		0.35	pCi/G	0.07	EPA-907
Uranium-238		10.8	pCi/G	0.37	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone		0.014	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	U	0.00041	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

W03211

Collected: 7/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
ANION						
Total Organic Carbon (TOC)		3100	mg/kg			SW846-9060
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	J	0.028	mg/kg			SW846-8080
PCB-1260	U	0.00084	mg/kg			SW846-8080
RADS						
Alpha activity		24.61	pCi/G	8.32		RL-7119
Alpha activity		11	pCi/G	2.1		EPA-900
Beta activity		23.2	pCi/G	4.57		RL-7119
Beta activity		19	pCi/G	2.1		EPA-900
Neptunium-237		0.05	pCi/G	0.03		EPA-907
Plutonium-239		0.05	pCi/G	0.03		EPA-907
Technetium-99		0.82	pCi/G	0.04		DNT
Thorium-230		1.21	pCi/G	0.12		EPA-907
Uranium-234		2.24	pCi/G	0.17		EPA-907
Uranium-235/236		0.16	pCi/G	0.05		EPA-907
Uranium-238		2.92	pCi/G	0.19		EPA-907
SVOA						
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg			SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg			SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg			SW846-8260
1,2-Dichlorobenzene	U	0.009	mg/kg			SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg			SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg			SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg			SW846-8260
1,4-Dichlorobenzene	U	0.009	mg/kg			SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg			SW846-8260
1-Chloronaphtalene	U	0.01	mg/kg			SW846-8270
1-Naphthalenamine	U	0.038	mg/kg			SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg			SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg			SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg			SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg			SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg			SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	BJ	0.029	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.012	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270

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Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.018	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	U	0.0041	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.0018	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

W04211

Collected: 7/9/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		2.4	mg/kg			EPA-300
Fluoride		11	mg/kg			EPA-300
Sulfate		75	mg/kg			EPA-300
Total Organic Carbon (TOC)		2900	mg/kg			SW846-9060
METAL						
Aluminum		12000	mg/kg			SW846-6010
Antimony	B	7.2	mg/kg			SW846-7041
Arsenic		12	mg/kg			SW846-6010
Barium		150	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.24	mg/kg			SW846-6010
Calcium		6000	mg/kg			SW846-6010
Chromium		32	mg/kg			SW846-6010
Cobalt		12	mg/kg			SW846-6010
Copper		35	mg/kg			SW846-6010
Iron		29000	mg/kg			SW846-6010
Lead		18	mg/kg			SW846-6010
Magnesium		1300	mg/kg			SW846-6010
Manganese		740	mg/kg			SW846-6010
Mercury	U	0.12	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		22	mg/kg			SW846-6010
Potassium		700	mg/kg			SW846-6010
Selenium		1	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium		120	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	8.6	mg/kg			SW846-6010
Uranium		17	mg/kg			SW846-6010
Vanadium		31	mg/kg			SW846-6010
Zinc		51	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260		0.049	mg/kg		SW846-8080
RADS					
Alpha activity		40.22	pCi/G	10.38	RL-7119
Alpha activity		24	pCi/G	2.5	EPA-900
Beta activity		67.34	pCi/G	7.79	RL-7119
Beta activity		35	pCi/G	2.4	EPA-900
Neptunium-237		0.03	pCi/G	0.03	EPA-907
Plutonium-239		0.08	pCi/G	0.03	EPA-907
Technetium-99		0.12	pCi/G	0.03	DNT
Thorium-230		1.44	pCi/G	0.13	EPA-907
Uranium-234		6.56	pCi/G	0.28	EPA-907
Uranium-235/236		0.55	pCi/G	0.09	EPA-907
Uranium-238		10.3	pCi/G	0.35	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.026	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	J	0.041	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.025	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.039	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.036	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	U	0.0041	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.0019	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	J	0.0011	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

W05211

Collected: 7/11/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		3	mg/kg			EPA-300
Fluoride		3.1	mg/kg			EPA-300
Sulfate		38	mg/kg			EPA-300
Total Organic Carbon (TOC)		2300	mg/kg			SW846-9060
METAL						
Aluminum		11000	mg/kg			SW846-6010
Antimony	B	7	mg/kg			SW846-7041
Arsenic		5.1	mg/kg			SW846-6010
Barium		97	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.23	mg/kg			SW846-6010
Calcium		11000	mg/kg			SW846-6010
Chromium		35	mg/kg			SW846-6010
Cobalt		6.4	mg/kg			SW846-6010
Copper		33	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		16	mg/kg			SW846-6010
Magnesium		1300	mg/kg			SW846-6010
Manganese		230	mg/kg			SW846-6010
Mercury	U	0.12	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		32	mg/kg			SW846-6010
Potassium		540	mg/kg			SW846-6010
Selenium	U	0.59	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium		110	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	1.9	mg/kg			SW846-6010
Uranium	B	12	mg/kg			SW846-6010
Vanadium		18	mg/kg			SW846-6010
Zinc		67	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260		0.065	mg/kg		SW846-8080
RADS					
Alpha activity		27	pCi/G	2.5	EPA-900
Alpha activity		13.79	pCi/G	6.17	RL-7119
Beta activity		29	pCi/G	2.3	EPA-900
Beta activity		17.12	pCi/G	3.93	RL-7119
Neptunium-237		0.06	pCi/G	0.03	EPA-907
Plutonium-239		0.19	pCi/G	0.05	EPA-907
Technetium-99		1.75	pCi/G	0.05	DNT
Thorium-230		1.41	pCi/G	0.13	EPA-907
Uranium-234		5.87	pCi/G	0.25	EPA-907
Uranium-235/236		0.4	pCi/G	0.07	EPA-907
Uranium-238		8.2	pCi/G	0.29	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	J	0.017	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	J	0.012	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	J	0.028	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	J	0.015	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.059	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	J	0.0065	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.0019	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

W06211

Collected: 7/17/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		7.9	mg/kg			EPA-300
Fluoride		7.1	mg/kg			EPA-300
Sulfate		13	mg/kg			EPA-300
Total Organic Carbon (TOC)		1600	mg/kg			SW846-9060
METAL						
Aluminum		6200	mg/kg			SW846-6010
Antimony	U	6.8	mg/kg			SW846-7041
Arsenic		5.7	mg/kg			SW846-6010
Barium		50	mg/kg			SW846-6010
Beryllium	B	1.1	mg/kg			SW846-6010
Cadmium	U	0.23	mg/kg			SW846-6010
Calcium		750	mg/kg			SW846-6010
Chromium		10	mg/kg			SW846-6010
Cobalt		4	mg/kg			SW846-6010
Copper		6.7	mg/kg			SW846-6010
Iron		13000	mg/kg			SW846-6010
Lead		9.2	mg/kg			SW846-6010
Magnesium		580	mg/kg			SW846-6010
Manganese		390	mg/kg			SW846-6010
Mercury	U	0.11	mg/kg			SW846-7071
Molybdenum	U	11	mg/kg			SW846-6010
Nickel		5.3	mg/kg			SW846-6010
Potassium		270	mg/kg			SW846-6010
Selenium	U	0.57	mg/kg			SW846-6010
Silver	U	1.1	mg/kg			SW846-6010
Sodium		120	mg/kg			SW846-6010
Thallium	B	1.1	mg/kg			SW846-6010
Tin	B	1.9	mg/kg			SW846-6010
Uranium	U	11	mg/kg			SW846-6010
Vanadium		22	mg/kg			SW846-6010
Zinc		17	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	U	0.00071	mg/kg			SW846-8080
PCB-1260	U	0.00084	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

RADS

Alpha activity	36	pCi/G	3.3	EPA-900
Alpha activity	41.95	pCi/G	15	RL-7119
Beta activity	46	pCi/G	2.7	EPA-900
Beta activity	33.84	pCi/G	8.5	RL-7119
Neptunium-237	0.01	pCi/G	0.02	EPA-907
Plutonium-239	0.01	pCi/G	0.02	EPA-907
Technetium-99	2.03	pCi/G	0.05	DNT
Thorium-230	1.22	pCi/G	0.11	EPA-907
Uranium-234	10.8	pCi/G	0.35	EPA-907
Uranium-235/236	0.86	pCi/G	0.11	EPA-907
Uranium-238	23.2	pCi/G	0.51	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg	SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg	SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg	SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg	SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg	SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg	SW846-8260
1,4-Dichlorobenzene	U	0.009	mg/kg	SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg	SW846-8270
1-Naphthalenamine	U	0.038	mg/kg	SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg	SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg	SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg	SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg	SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg	SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg	SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg	SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg	SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg	SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg	SW846-8270
2-Chlorophenol	U	0.011	mg/kg	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg	SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg	SW846-8270
2-Methylphenol	U	0.008	mg/kg	SW846-8270
2-Methylpyridine	U	0.067	mg/kg	SW846-8270
2-Naphthalenamine	U	0.066	mg/kg	SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg	SW846-8270
2-Nitrophenol	U	0.009	mg/kg	SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg	SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg	SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg	SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg	SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg	SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg	SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg	SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg	SW846-8270
4-Methylphenol	U	0.008	mg/kg	SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg	SW846-8270
4-Nitrophenol	U	0.022	mg/kg	SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg	SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270

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WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	J	0.0063	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	BJ	0.00041	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

W07211

Collected: 7/17/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		23	mg/kg			EPA-300
Fluoride		7.3	mg/kg			EPA-300
Sulfate		13	mg/kg			EPA-300
Total Organic Carbon (TOC)		910	mg/kg			SW846-9060
METAL						
Aluminum		9400	mg/kg			SW846-6010
Antimony	B	7.2	mg/kg			SW846-7041
Arsenic		2.8	mg/kg			SW846-6010
Barium		120	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	B	0.11	mg/kg			SW846-6010
Calcium		1900	mg/kg			SW846-6010
Chromium		13	mg/kg			SW846-6010
Cobalt		5.2	mg/kg			SW846-6010
Copper		27	mg/kg			SW846-6010
Iron		12000	mg/kg			SW846-6010
Lead		9.1	mg/kg			SW846-6010
Magnesium		1600	mg/kg			SW846-6010
Manganese		280	mg/kg			SW846-6010
Mercury	U	0.12	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		11	mg/kg			SW846-6010
Potassium		360	mg/kg			SW846-6010
Selenium	U	0.6	mg/kg			SW846-6010
Silver	U	1.2	mg/kg			SW846-6010
Sodium		260	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	5.1	mg/kg			SW846-6010
Uranium	U	12	mg/kg			SW846-6010
Vanadium		23	mg/kg			SW846-6010
Zinc		39	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	J	0.0091	mg/kg			SW846-8080
PCB-1260	U	0.00084	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

RADS

Alpha activity	U	30.35	pCi/G		RL-7119
Alpha activity		12	pCi/G	2.4	EPA-900
Beta activity	U	25.33	pCi/G	0	RL-7119
Beta activity		21	pCi/G	2.5	EPA-900
Neptunium-237		0.02	pCi/G	0.02	EPA-907
Plutonium-239		0.12	pCi/G	0.04	EPA-907
Technetium-99		2.19	pCi/G	0.06	DNT
Thorium-230		1.01	pCi/G	0.1	EPA-907
Uranium-234		2.7	pCi/G	0.16	EPA-907
Uranium-235/236		0.17	pCi/G	0.05	EPA-907
Uranium-238		4.01	pCi/G	0.2	EPA-907

SVOA

1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1,4-Dichlorobenzene	J	0.07	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	J	0.035	mg/kg		SW846-8270
2,4,6-Trichlorophenol	J	0.041	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	J	0.02	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	J	0.016	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270
a,a-Dimethylphenethylamine	U	0.013	mg/kg		SW846-8270

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1021003

WAG 22 (SWMUs 7 and 30) 1021003

Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	J	0.058	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	J	0.034	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	J	0.0087	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	BJ	0.00041	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

W08211

Collected: 7/16/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		1.7	mg/kg			EPA-300
Fluoride		11	mg/kg			EPA-300
Sulfate		12	mg/kg			EPA-300
Total Organic Carbon (TOC)		880	mg/kg			SW846-9060
METAL						
Aluminum		9900	mg/kg			SW846-6010
Antimony	U	7.1	mg/kg			SW846-7041
Arsenic		5.2	mg/kg			SW846-6010
Barium		170	mg/kg			SW846-6010
Beryllium	B	1.2	mg/kg			SW846-6010
Cadmium	U	0.24	mg/kg			SW846-6010
Calcium		2000	mg/kg			SW846-6010
Chromium		18	mg/kg			SW846-6010
Cobalt		9.4	mg/kg			SW846-6010
Copper		13	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		9.1	mg/kg			SW846-6010
Magnesium		1400	mg/kg			SW846-6010
Manganese		630	mg/kg			SW846-6010
Mercury	U	0.012	mg/kg			SW846-7071
Molybdenum	B	12	mg/kg			SW846-6010
Nickel		16	mg/kg			SW846-6010
Potassium		350	mg/kg			SW846-6010
Selenium	U	0.59	mg/kg			SW846-6010
Silver	B	1.2	mg/kg			SW846-6010
Sodium		140	mg/kg			SW846-6010
Thallium	B	1.2	mg/kg			SW846-6010
Tin	B	1.8	mg/kg			SW846-6010
Uranium	B	12	mg/kg			SW846-6010
Vanadium		29	mg/kg			SW846-6010
Zinc		31	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254	J	0.032	mg/kg			SW846-8080

*QUALIFIER Codes See attached List.

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity		142.27	pCi/G	55.8	RL-7119
Alpha activity		37	pCi/G	3.4	EPA-900
Beta activity		47	pCi/G	2.8	EPA-900
Beta activity		97.61	pCi/G	23.17	RL-7119
Neptunium-237		0.06	pCi/G	0.03	EPA-907
Plutonium-239		0.13	pCi/G	0.04	EPA-907
Technetium-99		5.28	pCi/G	0.08	DNT
Thorium-230		3.7	pCi/G	0.22	EPA-907
Uranium-234		12.3	pCi/G	0.39	EPA-907
Uranium-235/236		0.88	pCi/G	0.12	EPA-907
Uranium-238		15.4	pCi/G	0.44	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	U	0.01	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,4-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	U	0.011	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

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a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	U	0.008	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzdine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	J	0.091	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	U	0.016	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	J	0.0065	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	U	0.00041	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

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WAG 22 (SWMUs 7 and 30) 1021003

W09211

Collected: 7/10/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
ANION						
Chloride		7.2	mg/kg			EPA-300
Fluoride		22	mg/kg			EPA-300
Sulfate		44	mg/kg			EPA-300
Total Organic Carbon (TOC)		1300	mg/kg			SW846-9060
METAL						
Aluminum		16000	mg/kg			SW846-6010
Antimony	B	7.5	mg/kg			SW846-7041
Arsenic		3.7	mg/kg			SW846-6010
Barium		97	mg/kg			SW846-6010
Beryllium	B	1.3	mg/kg			SW846-6010
Cadmium	B	0.18	mg/kg			SW846-6010
Calcium		3300	mg/kg			SW846-6010
Chromium		20	mg/kg			SW846-6010
Cobalt		5.4	mg/kg			SW846-6010
Copper		15	mg/kg			SW846-6010
Iron		14000	mg/kg			SW846-6010
Lead		8.2	mg/kg			SW846-6010
Magnesium		1800	mg/kg			SW846-6010
Manganese		320	mg/kg			SW846-6010
Mercury	U	0.13	mg/kg			SW846-7071
Molybdenum	B	13	mg/kg			SW846-6010
Nickel		40	mg/kg			SW846-6010
Potassium		550	mg/kg			SW846-6010
Selenium	B	0.41	mg/kg			SW846-6010
Silver	U	1.3	mg/kg			SW846-6010
Sodium		330	mg/kg			SW846-6010
Thallium	B	1.3	mg/kg			SW846-6010
Tin	B	2	mg/kg			SW846-6010
Uranium		45	mg/kg			SW846-6010
Vanadium		18	mg/kg			SW846-6010
Zinc		47	mg/kg			SW846-6010
PCCB						
4,4'-DDD	U	0.014	mg/kg			SW846-8270
4,4'-DDE	U	0.012	mg/kg			SW846-8270
4,4'-DDT	U	0.008	mg/kg			SW846-8270
Aldrin	U	0.01	mg/kg			SW846-8270
alpha-BHC	U	0.008	mg/kg			SW846-8270
beta-BHC	U	0.016	mg/kg			SW846-8270
delta-BHC	U	0.018	mg/kg			SW846-8270
Dieldrin	U	0.017	mg/kg			SW846-8270
Heptachlor	U	0.007	mg/kg			SW846-8270
Lindane	U	0.008	mg/kg			SW846-8270
Methoxychlor	U	0.004	mg/kg			SW846-8270
PCB-1016	U	0.00092	mg/kg			SW846-8080
PCB-1221	U	0.009	mg/kg			SW846-8080
PCB-1232	U	0.0037	mg/kg			SW846-8080
PCB-1242	U	0.0024	mg/kg			SW846-8080
PCB-1248	U	0.00074	mg/kg			SW846-8080
PCB-1254		0.054	mg/kg			SW846-8080

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WAG 22 (SWMUs 7 and 30) 1021003

PCB-1260	U	0.00084	mg/kg		SW846-8080
RADS					
Alpha activity		108.9	pCi/G	18.1	RL-7119
Alpha activity		30	pCi/G	2.7	EPA-900
Beta activity		240.54	pCi/G	14.72	RL-7119
Beta activity		32	pCi/G	2.6	EPA-900
Neptunium-237		0.05	pCi/G	0.03	EPA-907
Plutonium-239		0.02	pCi/G	0.02	EPA-907
Technetium-99		2.86	pCi/G	0.06	DNT
Thorium-230		3.03	pCi/G	0.23	EPA-907
Uranium-234		13.2	pCi/G	0.38	EPA-907
Uranium-235/236		1.03	pCi/G	0.12	EPA-907
Uranium-238		15.2	pCi/G	0.4	EPA-907
SVOA					
1,2,4,5-Tetrachlorobenzene	U	0.008	mg/kg		SW846-8270
1,2,4-Trichlorobenzene	J	0.077	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.009	mg/kg		SW846-8270
1,2-Dichlorobenzene	U	0.0002	mg/kg		SW846-8260
1,2-Diphenylhydrazine	U	0.007	mg/kg		SW846-8270
1,3-Dichlorobenzene	U	0.00021	mg/kg		SW846-8260
1,3-Dichlorobenzene	U	0.01	mg/kg		SW846-8270
1,4-Dichlorobenzene	U	0.00022	mg/kg		SW846-8260
1,4-Dichlorobenzene	J	0.052	mg/kg		SW846-8270
1-Chloronaphthalene	U	0.01	mg/kg		SW846-8270
1-Naphthalenamine	U	0.038	mg/kg		SW846-8270
2,3,4,6-Tetrachlorophenol	U	0.012	mg/kg		SW846-8270
2,4,5-Trichlorophenol	U	0.009	mg/kg		SW846-8270
2,4,6-Trichlorophenol	U	0.01	mg/kg		SW846-8270
2,4-Dichlorophenol	U	0.009	mg/kg		SW846-8270
2,4-Dimethylphenol	U	0.023	mg/kg		SW846-8270
2,4-Dinitrophenol	U	0.049	mg/kg		SW846-8270
2,4-Dinitrotoluene	U	0.015	mg/kg		SW846-8270
2,6-Dichlorophenol	U	0.01	mg/kg		SW846-8270
2,6-Dinitrotoluene	U	0.008	mg/kg		SW846-8270
2-Chloronaphthalene	U	0.004	mg/kg		SW846-8270
2-Chlorophenol	J	0.039	mg/kg		SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.052	mg/kg		SW846-8270
2-Methylnaphthalene	U	0.009	mg/kg		SW846-8270
2-Methylphenol	U	0.008	mg/kg		SW846-8270
2-Methylpyridine	U	0.067	mg/kg		SW846-8270
2-Naphthalenamine	U	0.066	mg/kg		SW846-8270
2-Nitrobenzenamine	U	0.01	mg/kg		SW846-8270
2-Nitrophenol	U	0.009	mg/kg		SW846-8270
3,3'-Dichlorobenzidine	U	0.036	mg/kg		SW846-8270
3-Methylcholanthrene	U	0.02	mg/kg		SW846-8270
3-Nitrobenzenamine	U	0.025	mg/kg		SW846-8270
4-Aminobiphenyl	U	0.057	mg/kg		SW846-8270
4-Bromophenyl phenyl ether	U	0.008	mg/kg		SW846-8270
4-Chloro-3-methylphenol	U	0.01	mg/kg		SW846-8270
4-Chlorobenzenamine	U	0.047	mg/kg		SW846-8270
4-Chlorophenyl phenyl ether	U	0.007	mg/kg		SW846-8270
4-Methylphenol	U	0.008	mg/kg		SW846-8270
4-Nitrobenzenamine	U	0.066	mg/kg		SW846-8270
4-Nitrophenol	U	0.022	mg/kg		SW846-8270
7,12-Dimethylbenz(a)anthracene	U	0.085	mg/kg		SW846-8270

WB-9

1021003

WAG 22 (SWMUs 7 and 30) 1021003

a,a-Dimethylphenethylamine	U	0.013	mg/kg	SW846-8270
Acenaphthene	J	0.031	mg/kg	SW846-8270
Acenaphthylene	U	0.008	mg/kg	SW846-8270
Acetophenone	U	0.008	mg/kg	SW846-8270
Aniline	U	0.051	mg/kg	SW846-8270
Anthracene	U	0.009	mg/kg	SW846-8270
Benz(a)anthracene	U	0.008	mg/kg	SW846-8270
Benzenemethanol	U	0.01	mg/kg	SW846-8270
Benzidine	U	0.327	mg/kg	SW846-8270
Benzo(a)pyrene	U	0.009	mg/kg	SW846-8270
Benzo(b)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzo(ghi)perylene	U	0.019	mg/kg	SW846-8270
Benzo(k)fluoranthene	U	0.01	mg/kg	SW846-8270
Benzoic acid	U	0.025	mg/kg	SW846-8270
Bis(2-chloroethoxy)methane	U	0.009	mg/kg	SW846-8270
Bis(2-chloroethyl) ether	U	0.011	mg/kg	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.056	mg/kg	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.113	mg/kg	SW846-8270
Butyl benzyl phthalate	U	0.128	mg/kg	SW846-8270
Chrysene	U	0.01	mg/kg	SW846-8270
Dibenz(a,h)anthracene	U	0.012	mg/kg	SW846-8270
Dibenzofuran	U	0.004	mg/kg	SW846-8270
Diethyl phthalate	U	0.011	mg/kg	SW846-8270
Dimethyl phthalate	U	0.009	mg/kg	SW846-8270
Di-n-butyl phthalate	U	0.059	mg/kg	SW846-8270
Di-n-octylphthalate	U	0.011	mg/kg	SW846-8270
Ethyl methanesulfonate	U	0.008	mg/kg	SW846-8270
Fluoranthene	U	0.01	mg/kg	SW846-8270
Fluorene	U	0.009	mg/kg	SW846-8270
Hexachlorobenzene	U	0.007	mg/kg	SW846-8270
Hexachlorobutadiene	U	0.008	mg/kg	SW846-8270
Hexachlorocyclopentadiene	U	0.006	mg/kg	SW846-8270
Hexachloroethane	U	0.009	mg/kg	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.013	mg/kg	SW846-8270
Isophorone	U	0.009	mg/kg	SW846-8270
Methyl methanesulfonate	U	0.068	mg/kg	SW846-8270
Naphthalene	U	0.01	mg/kg	SW846-8270
Nitrobenzene	U	0.034	mg/kg	SW846-8270
N-Nitrosodimethylamine	U	0.017	mg/kg	SW846-8270
N-Nitroso-di-n-propylamine	U	0.012	mg/kg	SW846-8270
N-Nitrosodiphenylamine	U	0.004	mg/kg	SW846-8270
N-Nitrosopiperidine	U	0.008	mg/kg	SW846-8270
p-Dimethylaminoazobenzene	U	0.02	mg/kg	SW846-8270
Pentachlorobenzene	U	0.009	mg/kg	SW846-8270
Pentachloronitrobenzene	U	0.013	mg/kg	SW846-8270
Pentachlorophenol	U	0.009	mg/kg	SW846-8270
Phenacetin	U	0.014	mg/kg	SW846-8270
Phenanthrene	U	0.008	mg/kg	SW846-8270
Phenol	U	0.009	mg/kg	SW846-8270
Pronamide	U	0.012	mg/kg	SW846-8270
Pyrene	J	0.033	mg/kg	SW846-8270
Pyridine	U	0.053	mg/kg	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.00022	mg/kg	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.00013	mg/kg	SW846-8260

WB-9

1021003

WAG 22 (SWMUs 7 and 30) 1021003

1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.00087	mg/kg	SW846-8260
1,1,2-Trichloroethane	U	0.00013	mg/kg	SW846-8260
1,1-Dichloroethane	U	0.00038	mg/kg	SW846-8260
1,1-Dichloroethene	U	0.00078	mg/kg	SW846-8260
1,2-Dichloroethane	U	0.00027	mg/kg	SW846-8260
1,2-Dichloropropane	U	0.00045	mg/kg	SW846-8260
2-Butanone	U	0.0018	mg/kg	SW846-8260
2-Hexanone	U	0.00039	mg/kg	SW846-8260
4-Methyl-2-pentanone	U	0.00057	mg/kg	SW846-8260
Acetone	J	0.012	mg/kg	SW846-8260
Benzene	U	0.00039	mg/kg	SW846-8260
Bromodichloromethane	U	0.00027	mg/kg	SW846-8260
Bromoform	U	0.0002	mg/kg	SW846-8260
Bromomethane	U	0.00067	mg/kg	SW846-8260
Carbon disulfide	U	0.00068	mg/kg	SW846-8260
Carbon tetrachloride	U	0.00061	mg/kg	SW846-8260
Chlorobenzene	U	0.00036	mg/kg	SW846-8260
Chloroethane	U	0.00087	mg/kg	SW846-8260
Chloroform	U	0.00032	mg/kg	SW846-8260
Chloromethane	U	0.0013	mg/kg	SW846-8260
cis-1,2-Dichloroethene	U	0.00045	mg/kg	SW846-8260
cis-1,3-Dichloropropene	U	0.00023	mg/kg	SW846-8260
Dibromochloromethane	U	0.00024	mg/kg	SW846-8260
Ethylbenzene	U	0.00061	mg/kg	SW846-8260
Methylene chloride	J	0.0023	mg/kg	SW846-8260
Styrene	U	0.00026	mg/kg	SW846-8260
Tetrachloroethene	U	0.00054	mg/kg	SW846-8260
Toluene	U	0.00075	mg/kg	SW846-8260
Total Xylene	U	0.0011	mg/kg	SW846-8260
trans-1,2-Dichloroethene	U	0.00055	mg/kg	SW846-8260
trans-1,3-Dichloropropene	U	0.00016	mg/kg	SW846-8260
Trichloroethene	U	0.00056	mg/kg	SW846-8260
Vinyl chloride	U	0.00072	mg/kg	SW846-8260

SEC3A-5SO

AIPSESOCHSP12-0

AIP SE SO CH Split December 00

120019

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8720	mg/kg		27.1	SW846-6010B
Antimony	U	8.1	mg/kg		8.1	SW846-6010B
Arsenic		3.1	mg/kg		1.4	SW846-6010B
Barium		86.8	mg/kg		27.1	SW846-6010B
Beryllium	B	0.44	mg/kg		0.68	SW846-6010B
Boron	U	27.1	mg/kg		27.1	SW846-6010B
Cadmium	B	0.28	mg/kg		0.68	SW846-6010B
Calcium		2010	mg/kg		678	SW846-6010B
Chromium	E	10.9	mg/kg		1.4	SW846-6010B
Cobalt	B	4.7	mg/kg		6.8	SW846-6010B
Copper		10.1	mg/kg		3.4	SW846-6010B
Iron	N	11000	mg/kg		13.6	SW846-6010B
Lead		8.9	mg/kg		0.41	SW846-6010B
Magnesium		1050	mg/kg		678	SW846-6010B
Manganese	N	230	mg/kg		2	SW846-6010B
Mercury		0.06	mg/kg		0.04	SW846-7471A
Molybdenum	B	0.29	mg/kg		5.4	SW846-6010B
Nickel	E	8.2	mg/kg		5.4	SW846-6010B
Potassium		738	mg/kg		678	SW846-6010B
Selenium	U	0.68	mg/kg		0.68	SW846-6010B
Silicon	N	325	mg/kg		67.8	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	678	mg/kg		678	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		19.2	mg/kg		6.8	SW846-6010B
Zinc		24.1	mg/kg		2.7	SW846-6010B
PCCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		26.2	%		0.1	EPA-160.3-CAWW-

SEC3A-8SO

AIPSESOCHSP12-0

AIP SE SO CH Split December 00

120018

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	13400	mg/kg		27.4	SW846-6010B
Antimony	U	8.2	mg/kg		8.2	SW846-6010B
Arsenic		4	mg/kg		1.4	SW846-6010B
Barium		103	mg/kg		27.4	SW846-6010B
Beryllium	B	0.66	mg/kg		0.69	SW846-6010B
Boron	U	27.4	mg/kg		27.4	SW846-6010B
Cadmium	B	0.39	mg/kg		0.69	SW846-6010B
Calcium		2180	mg/kg		685	SW846-6010B
Chromium	E	15.7	mg/kg		1.4	SW846-6010B
Cobalt	B	3.9	mg/kg		6.9	SW846-6010B
Copper		13	mg/kg		3.4	SW846-6010B
Iron	N	13700	mg/kg		13.7	SW846-6010B
Lead		16.6	mg/kg		0.41	SW846-6010B
Magnesium		1490	mg/kg		685	SW846-6010B
Manganese	N	255	mg/kg		2.1	SW846-6010B
Mercury		0.1	mg/kg		0.04	SW846-7471A
Molybdenum	B	0.38	mg/kg		5.5	SW846-6010B
Nickel	E	11.8	mg/kg		5.5	SW846-6010B
Potassium		804	mg/kg		685	SW846-6010B
Selenium	U	0.69	mg/kg		0.69	SW846-6010B
Silicon	N	282	mg/kg		68.5	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	685	mg/kg		685	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		24.5	mg/kg		6.9	SW846-6010B
Zinc		50	mg/kg		2.7	SW846-6010B
PCCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		27	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-01

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050027SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		8700	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		9.6	mg/kg		1	SW846-6010B
Barium		66.1	mg/kg		20	SW846-6010B
Beryllium		1.1	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	83000	mg/kg		5000	SW846-6010B
Chromium	N*	19.7	mg/kg		1	SW846-6010B
Cobalt		10.7	mg/kg		5	SW846-6010B
Copper	N	10.3	mg/kg		2.5	SW846-6010B
Iron	*	24800	mg/kg		10	SW846-6010B
Lead		13.6	mg/kg		0.3	SW846-6010B
Magnesium	N*	2350	mg/kg		500	SW846-6010B
Manganese	*	461	mg/kg		1.5	SW846-6010B
Mercury	U	0.1	mg/kg		0.1	SW846-7471A
Molybdenum	B	1.2	mg/kg		4	SW846-6010B
Nickel		16.6	mg/kg		4	SW846-6010B
Potassium	B	224	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		611	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	116	mg/kg		500	SW846-6010B
Thallium	B	0.75	mg/kg		1	SW846-6010B
Vanadium	N	40.7	mg/kg		5	SW846-6010B
Zinc		45.6	mg/kg		2	SW846-6010B
PPCB						
PCB-1016	U	0.041	mg/kg		0.041	SW846-8082
PCB-1221	U	0.041	mg/kg		0.041	SW846-8082
PCB-1232	U	0.041	mg/kg		0.041	SW846-8082
PCB-1242	U	0.041	mg/kg		0.041	SW846-8082
PCB-1248	U	0.041	mg/kg		0.041	SW846-8082
PCB-1254	U	0.041	mg/kg		0.041	SW846-8082
PCB-1260	U	0.041	mg/kg		0.041	SW846-8082
PCB-1262	U	0.041	mg/kg		0.041	SW846-8082
PCB-1268	U	0.041	mg/kg		0.041	SW846-8082
WETCHEM						
Percent Moisture		19.2	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-02

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050026SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		9970	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		3.2	mg/kg		1	SW846-6010B
Barium		85.2	mg/kg		20	SW846-6010B
Beryllium		0.81	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	2440	mg/kg		500	SW846-6010B
Chromium	N*	15.4	mg/kg		1	SW846-6010B
Cobalt		6.1	mg/kg		5	SW846-6010B
Copper	N	10.5	mg/kg		2.5	SW846-6010B
Iron	*	11300	mg/kg		10	SW846-6010B
Lead		10.8	mg/kg		0.3	SW846-6010B
Magnesium	N*	1090	mg/kg		500	SW846-6010B
Manganese	*	191	mg/kg		1.5	SW846-6010B
Mercury	B	0.03	mg/kg		0.1	SW846-7471A
Molybdenum	U	4	mg/kg		4	SW846-6010B
Nickel		11.8	mg/kg		4	SW846-6010B
Potassium	B	499	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		748	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	74.3	mg/kg		500	SW846-6010B
Thallium	U	1	mg/kg		1	SW846-6010B
Vanadium	N	31.3	mg/kg		5	SW846-6010B
Zinc		25	mg/kg		2	SW846-6010B
PCCB						
PCB-1016	U	0.046	mg/kg		0.046	SW846-8082
PCB-1221	U	0.046	mg/kg		0.046	SW846-8082
PCB-1232	U	0.046	mg/kg		0.046	SW846-8082
PCB-1242	U	0.046	mg/kg		0.046	SW846-8082
PCB-1248	U	0.046	mg/kg		0.046	SW846-8082
PCB-1254	U	0.046	mg/kg		0.046	SW846-8082
PCB-1260	U	0.046	mg/kg		0.046	SW846-8082
PCB-1262	U	0.046	mg/kg		0.046	SW846-8082
PCB-1268	U	0.046	mg/kg		0.046	SW846-8082
WETCHEM						
Percent Moisture		28.7	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-03

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050025SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		8940	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		14.7	mg/kg		1	SW846-6010B
Barium		95.2	mg/kg		20	SW846-6010B
Beryllium		1.6	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	7950	mg/kg		500	SW846-6010B
Chromium	N*	28.1	mg/kg		1	SW846-6010B
Cobalt		14.7	mg/kg		5	SW846-6010B
Copper	N	19.3	mg/kg		2.5	SW846-6010B
Iron	*	31400	mg/kg		10	SW846-6010B
Lead		27.2	mg/kg		0.3	SW846-6010B
Magnesium	N*	1390	mg/kg		500	SW846-6010B
Manganese	*	478	mg/kg		1.5	SW846-6010B
Mercury	B	0.03	mg/kg		0.1	SW846-7471A
Molybdenum	B	0.65	mg/kg		4	SW846-6010B
Nickel		19.2	mg/kg		4	SW846-6010B
Potassium	B	365	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		845	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	75.8	mg/kg		500	SW846-6010B
Thallium		1.6	mg/kg		1	SW846-6010B
Vanadium	N	65.2	mg/kg		5	SW846-6010B
Zinc		52.3	mg/kg		2	SW846-6010B
PCCB						
PCB-1016	U	0.051	mg/kg		0.051	SW846-8082
PCB-1221	U	0.051	mg/kg		0.051	SW846-8082
PCB-1232	U	0.051	mg/kg		0.051	SW846-8082
PCB-1242	U	0.051	mg/kg		0.051	SW846-8082
PCB-1248	U	0.051	mg/kg		0.051	SW846-8082
PCB-1254	U	0.051	mg/kg		0.051	SW846-8082
PCB-1260	U	0.051	mg/kg		0.051	SW846-8082
PCB-1262	U	0.051	mg/kg		0.051	SW846-8082
PCB-1268	U	0.051	mg/kg		0.051	SW846-8082
WETCHEM						
Percent Moisture		34.9	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-04

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050024SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		9290	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		7.2	mg/kg		1	SW846-6010B
Barium		87.1	mg/kg		20	SW846-6010B
Beryllium		0.96	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	3090	mg/kg		500	SW846-6010B
Chromium	N*	22.3	mg/kg		1	SW846-6010B
Cobalt		8.5	mg/kg		5	SW846-6010B
Copper	N	16.9	mg/kg		2.5	SW846-6010B
Iron	*	17900	mg/kg		10	SW846-6010B
Lead		16.9	mg/kg		0.3	SW846-6010B
Magnesium	N*	1060	mg/kg		500	SW846-6010B
Manganese	*	365	mg/kg		1.5	SW846-6010B
Mercury	B	0.03	mg/kg		0.1	SW846-7471A
Molybdenum	B	0.29	mg/kg		4	SW846-6010B
Nickel		14.7	mg/kg		4	SW846-6010B
Potassium	B	495	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		781	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	59	mg/kg		500	SW846-6010B
Thallium	B	0.87	mg/kg		1	SW846-6010B
Vanadium	N	38.9	mg/kg		5	SW846-6010B
Zinc		53.1	mg/kg		2	SW846-6010B
PCCB						
PCB-1016	U	0.046	mg/kg		0.046	SW846-8082
PCB-1221	U	0.046	mg/kg		0.046	SW846-8082
PCB-1232	U	0.046	mg/kg		0.046	SW846-8082
PCB-1242	U	0.046	mg/kg		0.046	SW846-8082
PCB-1248	U	0.046	mg/kg		0.046	SW846-8082
PCB-1254	U	0.046	mg/kg		0.046	SW846-8082
PCB-1260	U	0.046	mg/kg		0.046	SW846-8082
PCB-1262	U	0.046	mg/kg		0.046	SW846-8082
PCB-1268	U	0.046	mg/kg		0.046	SW846-8082
WETCHEM						
Percent Moisture		28	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-05

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050023SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		9330	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		7.3	mg/kg		1	SW846-6010B
Barium		85.4	mg/kg		20	SW846-6010B
Beryllium		0.82	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	2720	mg/kg		500	SW846-6010B
Chromium	N*	18	mg/kg		1	SW846-6010B
Cobalt		8.7	mg/kg		5	SW846-6010B
Copper	N	15.3	mg/kg		2.5	SW846-6010B
Iron	*	20800	mg/kg		10	SW846-6010B
Lead		14	mg/kg		0.3	SW846-6010B
Magnesium	N*	970	mg/kg		500	SW846-6010B
Manganese	*	651	mg/kg		1.5	SW846-6010B
Mercury	B	0.03	mg/kg		0.1	SW846-7471A
Molybdenum	B	0.39	mg/kg		4	SW846-6010B
Nickel		14.1	mg/kg		4	SW846-6010B
Potassium	B	461	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		780	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	53.6	mg/kg		500	SW846-6010B
Thallium		1.2	mg/kg		1	SW846-6010B
Vanadium	N	35.7	mg/kg		5	SW846-6010B
Zinc		54.5	mg/kg		2	SW846-6010B
PPCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		26.5	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-06

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050022SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		11100	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		4.2	mg/kg		1	SW846-6010B
Barium		94.9	mg/kg		20	SW846-6010B
Beryllium		0.71	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	3040	mg/kg		500	SW846-6010B
Chromium	N*	18.9	mg/kg		1	SW846-6010B
Cobalt		5.3	mg/kg		5	SW846-6010B
Copper	N	16	mg/kg		2.5	SW846-6010B
Iron	*	13300	mg/kg		10	SW846-6010B
Lead		11.9	mg/kg		0.3	SW846-6010B
Magnesium	N*	1300	mg/kg		500	SW846-6010B
Manganese	*	451	mg/kg		1.5	SW846-6010B
Mercury	B	0.04	mg/kg		0.1	SW846-7471A
Molybdenum	B	0.27	mg/kg		4	SW846-6010B
Nickel		12.5	mg/kg		4	SW846-6010B
Potassium		807	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		812	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	67	mg/kg		500	SW846-6010B
Thallium	B	0.75	mg/kg		1	SW846-6010B
Vanadium	N	25.6	mg/kg		5	SW846-6010B
Zinc		72.4	mg/kg		2	SW846-6010B
PPCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		26.9	%		0.1	EPA-160.3-CAWW-

AIPNSD2000-07

AIPSEWSCHSP06-0

AIP SE WS CH SPLIT June 00

050021SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		5940	mg/kg		20	SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		3.5	mg/kg		1	SW846-6010B
Barium		46.2	mg/kg		20	SW846-6010B
Beryllium		0.53	mg/kg		0.5	SW846-6010B
Boron	U	20	mg/kg		20	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	N*	1200	mg/kg		500	SW846-6010B
Chromium	N*	10.4	mg/kg		1	SW846-6010B
Cobalt	B	4.3	mg/kg		5	SW846-6010B
Copper	N	6	mg/kg		2.5	SW846-6010B
Iron	*	10500	mg/kg		10	SW846-6010B
Lead		9.5	mg/kg		0.3	SW846-6010B
Magnesium	N*	523	mg/kg		500	SW846-6010B
Manganese	*	180	mg/kg		1.5	SW846-6010B
Mercury	U	0.1	mg/kg		0.1	SW846-7471A
Molybdenum	B	0.23	mg/kg		4	SW846-6010B
Nickel		5.6	mg/kg		4	SW846-6010B
Potassium	B	392	mg/kg		500	SW846-6010B
Selenium	U	0.5	mg/kg		0.5	SW846-6010B
Silicon		819	mg/kg		50	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	62.7	mg/kg		500	SW846-6010B
Thallium	B	0.56	mg/kg		1	SW846-6010B
Vanadium	N	21.5	mg/kg		5	SW846-6010B
Zinc		23	mg/kg		2	SW846-6010B
PPCB						
PCB-1016	U	0.048	mg/kg		0.048	SW846-8082
PCB-1221	U	0.048	mg/kg		0.048	SW846-8082
PCB-1232	U	0.048	mg/kg		0.048	SW846-8082
PCB-1242	U	0.048	mg/kg		0.048	SW846-8082
PCB-1248	U	0.048	mg/kg		0.048	SW846-8082
PCB-1254	U	0.048	mg/kg		0.048	SW846-8082
PCB-1260	U	0.048	mg/kg		0.048	SW846-8082
PCB-1262	U	0.048	mg/kg		0.048	SW846-8082
PCB-1268	U	0.048	mg/kg		0.048	SW846-8082
WETCHEM						
Percent Moisture		31.4	%		0.1	EPA-160.3-CAWW-

NST1S03

AIPSOCHSP10-00

AIP SO CH SPLIT October 00

0100002

Collected: 1/8/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		8200	mg/kg		23.9	SW846-6010B
Antimony	B	0.2	mg/kg		6	SW846-6010B
Arsenic		9.8	mg/kg		1	SW846-6010B
Barium		86.8	mg/kg		20	SW846-6010B
Beryllium		0.68	mg/kg		0.5	SW846-6010B
Boron	U	23.9	mg/kg		23.9	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium	B	495	mg/kg		597	SW846-6010B
Chromium		14.2	mg/kg		1	SW846-6010B
Cobalt		8.8	mg/kg		5	SW846-6010B
Copper		11.1	mg/kg		2.5	SW846-6010B
Iron	*	17000	mg/kg		11.9	SW846-6010B
Lead		12.2	mg/kg		0.3	SW846-6010B
Magnesium		905	mg/kg		597	SW846-6010B
Manganese	*	417	mg/kg		1.5	SW846-6010B
Mercury	B	0.04	mg/kg		0.12	SW846-7471A
Molybdenum	B	0.62	mg/kg		4	SW846-6010B
Nickel		8.9	mg/kg		4	SW846-6010B
Potassium	U	597	mg/kg		597	SW846-6010B
Selenium		1.1	mg/kg		0.5	SW846-6010B
Silicon		635	mg/kg		59.7	SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	89.6	mg/kg		597	SW846-6010B
Thallium	B	0.9	mg/kg		1	SW846-6010B
Vanadium		30.7	mg/kg		5	SW846-6010B
Zinc	E	23.4	mg/kg		2	SW846-6010B
PCCB						
PCB-1016	U	0.039	mg/kg		0.039	SW846-8082
PCB-1221	U	0.039	mg/kg		0.039	SW846-8082
PCB-1232	U	0.039	mg/kg		0.039	SW846-8082
PCB-1242	U	0.039	mg/kg		0.039	SW846-8082
PCB-1248	U	0.039	mg/kg		0.039	SW846-8082
PCB-1254	U	0.039	mg/kg		0.039	SW846-8082
PCB-1260	U	0.039	mg/kg		0.039	SW846-8082
PCB-1262	U	0.039	mg/kg		0.039	SW846-8082
PCB-1268	U	0.039	mg/kg		0.039	SW846-8082
SVOA						
1,2,4,5-Tetrachlorobenzene	U	0.39	mg/kg		0.39	SW846-8270C
1,2,4-Trichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270C
1,2-Dichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270C
1,3,5-Trinitrobenzene	U	1.9	mg/kg		1.9	SW846-8270C
1,3-Dichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270C
1,3-Dinitrobenzene	U	0.39	mg/kg		0.39	SW846-8270C
1,4-Dichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270C
1,4-Naphthoquinone	U	1.9	mg/kg		1.9	SW846-8270C
1-Naphthalenamine	U	0.39	mg/kg		0.39	SW846-8270C
2,3,4,6-Tetrachlorophenol	U	1.9	mg/kg		1.9	SW846-8270C
2,4,5-Trichlorophenol	U	0.39	mg/kg		0.39	SW846-8270C
2,4,6-Trichlorophenol	U	0.39	mg/kg		0.39	SW846-8270C

NST1S03

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AIP SO CH SPLIT October 00

2,4-Dichlorophenol	U	0.39	mg/kg	0.39	SW846-8270C
2,4-Dimethylphenol	U	0.39	mg/kg	0.39	SW846-8270C
2,4-Dinitrophenol	U	1.9	mg/kg	1.9	SW846-8270C
2,4-Dinitrotoluene	U	0.39	mg/kg	0.39	SW846-8270C
2,6-Dichlorophenol	U	0.39	mg/kg	0.39	SW846-8270C
2,6-Dinitrotoluene	U	0.39	mg/kg	0.39	SW846-8270C
2-Acetylaminofluorene	U	3.9	mg/kg	3.9	SW846-8270C
2-Chloronaphthalene	U	0.39	mg/kg	0.39	SW846-8270C
2-Chlorophenol	U	0.39	mg/kg	0.39	SW846-8270C
2-Methyl-4,6-dinitrophenol	U	1.9	mg/kg	1.9	SW846-8270C
2-Methylnaphthalene	U	0.39	mg/kg	0.39	SW846-8270C
2-Methylphenol	U	0.39	mg/kg	0.39	SW846-8270C
2-Methylpyridine	U	0.79	mg/kg	0.79	SW846-8270C
2-Naphthalenamine	U	0.39	mg/kg	0.39	SW846-8270C
2-Nitrobenzenamine	U	1.9	mg/kg	1.9	SW846-8270C
2-Nitrophenol	U	0.39	mg/kg	0.39	SW846-8270C
3,3'-Dichlorobenzidine	U	1.9	mg/kg	1.9	SW846-8270C
3,3'-Dimethylbenzidine	U	1.9	mg/kg	1.9	SW846-8270C
3-Methylcholanthrene	U	0.79	mg/kg	0.79	SW846-8270C
3-Nitrobenzenamine	U	1.9	mg/kg	1.9	SW846-8270C
4-Aminobiphenyl	U	1.9	mg/kg	1.9	SW846-8270C
4-Bromophenyl phenyl ether	U	0.39	mg/kg	0.39	SW846-8270C
4-Chloro-3-methylphenol	U	0.39	mg/kg	0.39	SW846-8270C
4-Chlorobenzenamine	U	0.39	mg/kg	0.39	SW846-8270C
4-Chlorophenyl phenyl ether	U	0.39	mg/kg	0.39	SW846-8270C
4-Methylphenol	U	0.39	mg/kg	0.39	SW846-8270C
4-Nitrobenzenamine	U	1.9	mg/kg	1.9	SW846-8270C
4-Nitrophenol	U	1.9	mg/kg	1.9	SW846-8270C
4-Nitroquinoline-1-oxide	U	3.9	mg/kg	3.9	SW846-8270C
5-(2-Propenyl)-1,3-benzodioxole (Safr	U	0.79	mg/kg	0.79	SW846-8270C
5-Nitro-o-toluidine	U	0.79	mg/kg	0.79	SW846-8270C
7,12-Dimethylbenz(a)anthracene	U	0.79	mg/kg	0.79	SW846-8270C
a,a-Dimethylphenethylamine	U	1.9	mg/kg	1.9	SW846-8270C
Acenaphthene	U	0.39	mg/kg	0.39	SW846-8270C
Acenaphthylene	U	0.39	mg/kg	0.39	SW846-8270C
Acetophenone	U	0.39	mg/kg	0.39	SW846-8270C
Aniline	U	0.39	mg/kg	0.39	SW846-8270C
Anthracene	U	0.39	mg/kg	0.39	SW846-8270C
Aramite	U	0.79	mg/kg	0.79	SW846-8270C
Benz(a)anthracene	J	0.05	mg/kg	0.39	SW846-8270C
Benzenemethanol	U	0.39	mg/kg	0.39	SW846-8270C
Benzo(a)pyrene	J	0.044	mg/kg	0.39	SW846-8270C
Benzo(b)fluoranthene	J	0.04	mg/kg	0.39	SW846-8270C
Benzo(ghi)perylene	U	0.39	mg/kg	0.39	SW846-8270C
Benzo(k)fluoranthene	U	0.39	mg/kg	0.39	SW846-8270C
Benzoic acid	U	1.9	mg/kg	1.9	SW846-8270C
Bis(2-chloroethoxy)methane	U	0.39	mg/kg	0.39	SW846-8270C
Bis(2-chloroethyl) ether	U	0.39	mg/kg	0.39	SW846-8270C
Bis(2-chloroisopropyl) ether	U	0.39	mg/kg	0.39	SW846-8270C
Bis(2-ethylhexyl)phthalate	U	0.39	mg/kg	0.39	SW846-8270C
Butyl benzyl phthalate	U	0.39	mg/kg	0.39	SW846-8270C
Chlorobenzilate	U	0.39	mg/kg	0.39	SW846-8270C
Chrysene	J	0.067	mg/kg	0.39	SW846-8270C
Diallate	U	0.79	mg/kg	0.79	SW846-8270C
Dibenz(a,h)anthracene	U	0.39	mg/kg	0.39	SW846-8270C

NST1S03

AIPSOCHSP10-00

AIP SO CH SPLIT October 00

Dibenzofuran	U	0.39	mg/kg	0.39	SW846-8270C
Diethyl phthalate	U	0.39	mg/kg	0.39	SW846-8270C
Dimethoate	U	0.79	mg/kg	0.79	SW846-8270C
Dimethyl phthalate	U	0.39	mg/kg	0.39	SW846-8270C
Di-n-butyl phthalate	U	0.39	mg/kg	0.39	SW846-8270C
Di-n-octylphthalate	U	0.39	mg/kg	0.39	SW846-8270C
Dinoseb	U	0.79	mg/kg	0.79	SW846-8270C
Disulfoton	U	1.9	mg/kg	1.9	SW846-8270C
Ethyl methanesulfonate	U	0.39	mg/kg	0.39	SW846-8270C
Famphur	U	3.9	mg/kg	3.9	SW846-8270C
Fluoranthene	J	0.13	mg/kg	0.39	SW846-8270C
Fluorene	U	0.39	mg/kg	0.39	SW846-8270C
Hexachloro-1-propene	U	3.9	mg/kg	3.9	SW846-8270C
Hexachlorobenzene	U	0.39	mg/kg	0.39	SW846-8270C
Hexachlorobutadiene	U	0.39	mg/kg	0.39	SW846-8270C
Hexachlorocyclopentadiene	U	1.9	mg/kg	1.9	SW846-8270C
Hexachloroethane	U	0.39	mg/kg	0.39	SW846-8270C
Hexachlorophene	U	3.9	mg/kg	3.9	SW846-8270C
Indeno(1,2,3-cd)pyrene	U	0.39	mg/kg	0.39	SW846-8270C
Isodrin	U	0.39	mg/kg	0.39	SW846-8270C
Isophorone	U	0.39	mg/kg	0.39	SW846-8270C
Isosafrole	U	0.79	mg/kg	0.79	SW846-8270C
Kepone	U	3.9	mg/kg	3.9	SW846-8270C
Methapyrilene	U	1.9	mg/kg	1.9	SW846-8270C
Methyl methanesulfonate	U	0.39	mg/kg	0.39	SW846-8270C
Methyl parathion	U	1.9	mg/kg	1.9	SW846-8270C
Naphthalene	U	0.39	mg/kg	0.39	SW846-8270C
Nitrobenzene	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosodiethylamine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosodimethylamine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitroso-di-n-butylamine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitroso-di-n-propylamine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosodiphenylamine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosomethylethylamine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosomorpholine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosopiperidine	U	0.39	mg/kg	0.39	SW846-8270C
N-Nitrosopyrrolidine	U	0.39	mg/kg	0.39	SW846-8270C
O,O,O-Triethylphosphorothioate	U	1.9	mg/kg	1.9	SW846-8270C
o-Toluidine	U	0.79	mg/kg	0.79	SW846-8270C
Parathion	U	1.9	mg/kg	1.9	SW846-8270C
p-Dimethylaminoazobenzene	U	0.79	mg/kg	0.79	SW846-8270C
Pentachlorobenzene	U	0.39	mg/kg	0.39	SW846-8270C
Pentachloroethane	U	1.9	mg/kg	1.9	SW846-8270C
Pentachloronitrobenzene	U	1.9	mg/kg	1.9	SW846-8270C
Pentachlorophenol	U	1.9	mg/kg	1.9	SW846-8270C
Phenacetin	U	0.79	mg/kg	0.79	SW846-8270C
Phenanthrene	J	0.11	mg/kg	0.39	SW846-8270C
Phenol	U	0.39	mg/kg	0.39	SW846-8270C
Phorate	U	1.9	mg/kg	1.9	SW846-8270C
p-Phenylenediamine	U	3.9	mg/kg	3.9	SW846-8270C
Pronamide	U	0.79	mg/kg	0.79	SW846-8270C
Pyrene	J	0.084	mg/kg	0.39	SW846-8270C
Pyridine	U	0.79	mg/kg	0.79	SW846-8270C
Sulfotepp	U	1.9	mg/kg	1.9	SW846-8270C
Thionazin	U	1.9	mg/kg	1.9	SW846-8270C

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TCLPMET

Arsenic	U	0.3	mg/L	0.3	SW846-6010B
Barium		0.85	mg/L	0.2	SW846-6010B
Cadmium	U	0.005	mg/L	0.005	SW846-6010B
Chromium	U	0.01	mg/L	0.01	SW846-6010B
Lead		0.147	mg/L	0.1	SW846-6010B
Mercury	B	0.00039	mg/L	0.0008	SW846-7470A
Selenium	U	0.25	mg/L	0.25	SW846-6010B
Silver	U	0.01	mg/L	0.01	SW846-6010B

VOA

1,1,1,2-Tetrachloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1,1-Trichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1,2-Trichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1-Dichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1-Dichloroethene	U	0.005	mg/kg	0.005	SW846-8260A
1,2,3-Trichloropropane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dibromo-3-chloropropane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dibromoethane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dichloropropane	U	0.005	mg/kg	0.005	SW846-8260A
1,4-Dioxane	U	0.5	mg/kg	0.5	SW846-8260A
2-Butanone	U	0.02	mg/kg	0.02	SW846-8260A
2-Chloro-1,3-butadiene	U	0.005	mg/kg	0.005	SW846-8260A
2-Hexanone	U	0.02	mg/kg	0.02	SW846-8260A
4-Methyl-2-pentanone	U	0.02	mg/kg	0.02	SW846-8260A
Acetone		0.022	mg/kg	0.02	SW846-8260A
Acetonitrile	U	0.02	mg/kg	0.02	SW846-8260A
Acrolein	U	0.1	mg/kg	0.1	SW846-8260A
Acrylonitrile	U	0.1	mg/kg	0.1	SW846-8260A
Allyl chloride	U	0.01	mg/kg	0.01	SW846-8260A
Benzene	U	0.005	mg/kg	0.005	SW846-8260A
Bromodichloromethane	U	0.005	mg/kg	0.005	SW846-8260A
Bromoform	U	0.005	mg/kg	0.005	SW846-8260A
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260A
Carbon disulfide	U	0.005	mg/kg	0.005	SW846-8260A
Carbon tetrachloride	U	0.005	mg/kg	0.005	SW846-8260A
Chlorobenzene	U	0.005	mg/kg	0.005	SW846-8260A
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260A
Chloroform	U	0.005	mg/kg	0.005	SW846-8260A
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260A
cis-1,3-Dichloropropene	U	0.005	mg/kg	0.005	SW846-8260A
Dibromochloromethane	U	0.005	mg/kg	0.005	SW846-8260A
Dibromomethane	U	0.005	mg/kg	0.005	SW846-8260A
Dichlorodifluoromethane	U	0.01	mg/kg	0.01	SW846-8260A
Ethyl cyanide	U	0.02	mg/kg	0.02	SW846-8260A
Ethyl methacrylate	U	0.005	mg/kg	0.005	SW846-8260A
Ethylbenzene	U	0.005	mg/kg	0.005	SW846-8260A
Iodomethane	U	0.005	mg/kg	0.005	SW846-8260A
Isobutanol	U	0.2	mg/kg	0.2	SW846-8260A
Methacrylonitrile	U	0.005	mg/kg	0.005	SW846-8260A
Methyl methacrylate	U	0.005	mg/kg	0.005	SW846-8260A
Methylene chloride	J	0.003	mg/kg	0.005	SW846-8260A
Pentachloroethane	U	0.005	mg/kg	0.005	SW846-8260A
Styrene	U	0.005	mg/kg	0.005	SW846-8260A

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Tetrachloroethene	U	0.005	mg/kg	0.005	SW846-8260A
Toluene	U	0.005	mg/kg	0.005	SW846-8260A
Total Xylene	U	0.005	mg/kg	0.005	SW846-8260A
trans-1,2-Dichloroethene	U	0.002	mg/kg	0.002	SW846-8260A
trans-1,3-Dichloropropene	U	0.005	mg/kg	0.005	SW846-8260A
Trans-1,4-Dichloro-2-butene	U	0.005	mg/kg	0.005	SW846-8260A
Trichloroethene	U	0.005	mg/kg	0.005	SW846-8260A
Trichlorofluoromethane	U	0.01	mg/kg	0.01	SW846-8260A
Vinyl acetate	U	0.01	mg/kg	0.01	SW846-8260A
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260A
WETCHEM					
Percent Moisture		16.2	%	0.1	EPA-160.3-CAWW-

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0100005

Collected: 1/11/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		7390	mg/kg		21.4	SW846-6010B
Antimony	B	1.4	mg/kg		6	SW846-6010B
Arsenic		6.9	mg/kg		1	SW846-6010B
Barium		75.8	mg/kg		20	SW846-6010B
Beryllium	B	0.39	mg/kg		0.5	SW846-6010B
Boron	U	21.4	mg/kg		21.4	SW846-6010B
Cadmium	U	0.5	mg/kg		0.5	SW846-6010B
Calcium		2910	mg/kg		535	SW846-6010B
Chromium		99.2	mg/kg		1	SW846-6010B
Cobalt		5.5	mg/kg		5	SW846-6010B
Copper		89.8	mg/kg		2.5	SW846-6010B
Iron	*	12400	mg/kg		10.7	SW846-6010B
Lead		20.8	mg/kg		0.3	SW846-6010B
Magnesium		1270	mg/kg		535	SW846-6010B
Manganese	*	195	mg/kg		1.5	SW846-6010B
Mercury	B	0.07	mg/kg		0.11	SW846-7471A
Molybdenum	B	0.77	mg/kg		4	SW846-6010B
Nickel		28.8	mg/kg		4	SW846-6010B
Potassium	U	535	mg/kg		535	SW846-6010B
Selenium		0.86	mg/kg		0.5	SW846-6010B
Silicon		684	mg/kg		53.5	SW846-6010B
Silver	B	0.96	mg/kg		1	SW846-6010B
Sodium	B	110	mg/kg		535	SW846-6010B
Thallium	B	0.49	mg/kg		1	SW846-6010B
Vanadium		21.3	mg/kg		5	SW846-6010B
Zinc	E	59.1	mg/kg		2	SW846-6010B
PCCB						
PCB-1016	U	0.035	mg/kg		0.035	SW846-8082
PCB-1221	U	0.035	mg/kg		0.035	SW846-8082
PCB-1232	U	0.035	mg/kg		0.035	SW846-8082
PCB-1242	U	0.035	mg/kg		0.035	SW846-8082
PCB-1248	U	0.035	mg/kg		0.035	SW846-8082
PCB-1254	U	0.035	mg/kg		0.035	SW846-8082
PCB-1260	U	0.035	mg/kg		0.035	SW846-8082
PCB-1262	U	0.035	mg/kg		0.035	SW846-8082
PCB-1268	U	0.035	mg/kg		0.035	SW846-8082
SVOA						
1,2,4,5-Tetrachlorobenzene	U	0.35	mg/kg		0.35	SW846-8270C
1,2,4-Trichlorobenzene	U	0.35	mg/kg		0.35	SW846-8270C
1,2-Dichlorobenzene	U	0.35	mg/kg		0.35	SW846-8270C
1,3,5-Trinitrobenzene	U	1.7	mg/kg		1.7	SW846-8270C
1,3-Dichlorobenzene	U	0.35	mg/kg		0.35	SW846-8270C
1,3-Dinitrobenzene	U	0.35	mg/kg		0.35	SW846-8270C
1,4-Dichlorobenzene	U	0.35	mg/kg		0.35	SW846-8270C
1,4-Naphthoquinone	U	1.7	mg/kg		1.7	SW846-8270C
1-Naphthalenamine	U	0.35	mg/kg		0.35	SW846-8270C
2,3,4,6-Tetrachlorophenol	U	1.7	mg/kg		1.7	SW846-8270C
2,4,5-Trichlorophenol	U	0.35	mg/kg		0.35	SW846-8270C
2,4,6-Trichlorophenol	U	0.35	mg/kg		0.35	SW846-8270C

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2,4-Dichlorophenol	U	0.35	mg/kg	0.35	SW846-8270C
2,4-Dimethylphenol	U	0.35	mg/kg	0.35	SW846-8270C
2,4-Dinitrophenol	U	1.7	mg/kg	1.7	SW846-8270C
2,4-Dinitrotoluene	U	0.35	mg/kg	0.35	SW846-8270C
2,6-Dichlorophenol	U	0.35	mg/kg	0.35	SW846-8270C
2,6-Dinitrotoluene	U	0.35	mg/kg	0.35	SW846-8270C
2-Acetylaminofluorene	U	3.5	mg/kg	3.5	SW846-8270C
2-Chloronaphthalene	U	0.35	mg/kg	0.35	SW846-8270C
2-Chlorophenol	U	0.35	mg/kg	0.35	SW846-8270C
2-Methyl-4,6-dinitrophenol	U	1.7	mg/kg	1.7	SW846-8270C
2-Methylnaphthalene	U	0.35	mg/kg	0.35	SW846-8270C
2-Methylphenol	U	0.35	mg/kg	0.35	SW846-8270C
2-Methylpyridine	U	0.71	mg/kg	0.71	SW846-8270C
2-Naphthalenamine	U	0.35	mg/kg	0.35	SW846-8270C
2-Nitrobenzenamine	U	1.7	mg/kg	1.7	SW846-8270C
2-Nitrophenol	U	0.35	mg/kg	0.35	SW846-8270C
3,3'-Dichlorobenzidine	U	1.7	mg/kg	1.7	SW846-8270C
3,3'-Dimethylbenzidine	U	1.7	mg/kg	1.7	SW846-8270C
3-Methylcholanthrene	U	0.71	mg/kg	0.71	SW846-8270C
3-Nitrobenzenamine	U	1.7	mg/kg	1.7	SW846-8270C
4-Aminobiphenyl	U	1.7	mg/kg	1.7	SW846-8270C
4-Bromophenyl phenyl ether	U	0.35	mg/kg	0.35	SW846-8270C
4-Chloro-3-methylphenol	U	0.35	mg/kg	0.35	SW846-8270C
4-Chlorobenzenamine	U	0.35	mg/kg	0.35	SW846-8270C
4-Chlorophenyl phenyl ether	U	0.35	mg/kg	0.35	SW846-8270C
4-Methylphenol	U	0.35	mg/kg	0.35	SW846-8270C
4-Nitrobenzenamine	U	1.7	mg/kg	1.7	SW846-8270C
4-Nitrophenol	U	1.7	mg/kg	1.7	SW846-8270C
4-Nitroquinoline-1-oxide	U	3.5	mg/kg	3.5	SW846-8270C
5-(2-Propenyl)-1,3-benzodioxole (Safr	U	0.71	mg/kg	0.71	SW846-8270C
5-Nitro-o-toluidine	U	0.71	mg/kg	0.71	SW846-8270C
7,12-Dimethylbenz(a)anthracene	U	0.71	mg/kg	0.71	SW846-8270C
a,a-Dimethylphenethylamine	U	1.7	mg/kg	1.7	SW846-8270C
Acenaphthene	U	0.35	mg/kg	0.35	SW846-8270C
Acenaphthylene	U	0.35	mg/kg	0.35	SW846-8270C
Acetophenone	U	0.35	mg/kg	0.35	SW846-8270C
Aniline	U	0.35	mg/kg	0.35	SW846-8270C
Anthracene	U	0.35	mg/kg	0.35	SW846-8270C
Aramite	U	0.71	mg/kg	0.71	SW846-8270C
Benz(a)anthracene	U	0.35	mg/kg	0.35	SW846-8270C
Benzenemethanol	U	0.35	mg/kg	0.35	SW846-8270C
Benzo(a)pyrene	U	0.35	mg/kg	0.35	SW846-8270C
Benzo(b)fluoranthene	U	0.35	mg/kg	0.35	SW846-8270C
Benzo(ghi)perylene	U	0.35	mg/kg	0.35	SW846-8270C
Benzo(k)fluoranthene	U	0.35	mg/kg	0.35	SW846-8270C
Benzoic acid	U	1.7	mg/kg	1.7	SW846-8270C
Bis(2-chloroethoxy)methane	U	0.35	mg/kg	0.35	SW846-8270C
Bis(2-chloroethyl) ether	U	0.35	mg/kg	0.35	SW846-8270C
Bis(2-chloroisopropyl) ether	U	0.35	mg/kg	0.35	SW846-8270C
Bis(2-ethylhexyl)phthalate	U	0.35	mg/kg	0.35	SW846-8270C
Butyl benzyl phthalate	U	0.35	mg/kg	0.35	SW846-8270C
Chlorobenzilate	U	0.35	mg/kg	0.35	SW846-8270C
Chrysene	U	0.35	mg/kg	0.35	SW846-8270C
Diallate	U	0.71	mg/kg	0.71	SW846-8270C
Dibenz(a,h)anthracene	U	0.35	mg/kg	0.35	SW846-8270C

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Dibenzofuran	U	0.35	mg/kg	0.35	SW846-8270C
Diethyl phthalate	U	0.35	mg/kg	0.35	SW846-8270C
Dimethoate	U	0.71	mg/kg	0.71	SW846-8270C
Dimethyl phthalate	U	0.35	mg/kg	0.35	SW846-8270C
Di-n-butyl phthalate	U	0.35	mg/kg	0.35	SW846-8270C
Di-n-octylphthalate	U	0.35	mg/kg	0.35	SW846-8270C
Dinoseb	U	0.71	mg/kg	0.71	SW846-8270C
Disulfoton	U	1.7	mg/kg	1.7	SW846-8270C
Ethyl methanesulfonate	U	0.35	mg/kg	0.35	SW846-8270C
Famphur	U	3.5	mg/kg	3.5	SW846-8270C
Fluoranthene	U	0.35	mg/kg	0.35	SW846-8270C
Fluorene	U	0.35	mg/kg	0.35	SW846-8270C
Hexachloro-1-propene	U	3.5	mg/kg	3.5	SW846-8270C
Hexachlorobenzene	U	0.35	mg/kg	0.35	SW846-8270C
Hexachlorobutadiene	U	0.35	mg/kg	0.35	SW846-8270C
Hexachlorocyclopentadiene	U	1.7	mg/kg	1.7	SW846-8270C
Hexachloroethane	U	0.35	mg/kg	0.35	SW846-8270C
Hexachlorophene	U	3.5	mg/kg	3.5	SW846-8270C
Indeno(1,2,3-cd)pyrene	U	0.35	mg/kg	0.35	SW846-8270C
Isodrin	U	0.35	mg/kg	0.35	SW846-8270C
Isophorone	U	0.35	mg/kg	0.35	SW846-8270C
Isosafrole	U	0.71	mg/kg	0.71	SW846-8270C
Kepone	U	3.5	mg/kg	3.5	SW846-8270C
Methapyrilene	U	1.7	mg/kg	1.7	SW846-8270C
Methyl methanesulfonate	U	0.35	mg/kg	0.35	SW846-8270C
Methyl parathion	U	1.7	mg/kg	1.7	SW846-8270C
Naphthalene	U	0.35	mg/kg	0.35	SW846-8270C
Nitrobenzene	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosodiethylamine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosodimethylamine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitroso-di-n-butylamine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitroso-di-n-propylamine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosodiphenylamine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosomethylethylamine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosomorpholine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosopiperidine	U	0.35	mg/kg	0.35	SW846-8270C
N-Nitrosopyrrolidine	U	0.35	mg/kg	0.35	SW846-8270C
O,O,O-Triethylphosphorothioate	U	1.7	mg/kg	1.7	SW846-8270C
o-Toluidine	U	0.71	mg/kg	0.71	SW846-8270C
Parathion	U	1.7	mg/kg	1.7	SW846-8270C
p-Dimethylaminoazobenzene	U	0.71	mg/kg	0.71	SW846-8270C
Pentachlorobenzene	U	0.35	mg/kg	0.35	SW846-8270C
Pentachloroethane	U	1.7	mg/kg	1.7	SW846-8270C
Pentachloronitrobenzene	U	1.7	mg/kg	1.7	SW846-8270C
Pentachlorophenol	U	1.7	mg/kg	1.7	SW846-8270C
Phenacetin	U	0.71	mg/kg	0.71	SW846-8270C
Phenanthrene	U	0.35	mg/kg	0.35	SW846-8270C
Phenol	U	0.35	mg/kg	0.35	SW846-8270C
Phorate	U	1.7	mg/kg	1.7	SW846-8270C
p-Phenylenediamine	U	3.5	mg/kg	3.5	SW846-8270C
Pronamide	U	0.71	mg/kg	0.71	SW846-8270C
Pyrene	U	0.35	mg/kg	0.35	SW846-8270C
Pyridine	U	0.71	mg/kg	0.71	SW846-8270C
Sulfotepp	U	1.7	mg/kg	1.7	SW846-8270C
Thionazin	U	1.7	mg/kg	1.7	SW846-8270C

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TCLPMET

Arsenic	B	0.0117	mg/L	0.3	SW846-6010B
Barium		1.33	mg/L	0.2	SW846-6010B
Cadmium	B	0.0031	mg/L	0.005	SW846-6010B
Chromium		0.0209	mg/L	0.01	SW846-6010B
Lead	B	0.0954	mg/L	0.1	SW846-6010B
Mercury	B	0.00005	mg/L	0.0008	SW846-7470A
Selenium	U	0.25	mg/L	0.25	SW846-6010B
Silver	U	0.01	mg/L	0.01	SW846-6010B

VOA

1,1,1,2-Tetrachloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1,1-Trichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1,2-Trichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1-Dichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,1-Dichloroethene	U	0.005	mg/kg	0.005	SW846-8260A
1,2,3-Trichloropropane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dibromo-3-chloropropane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dibromoethane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dichloroethane	U	0.005	mg/kg	0.005	SW846-8260A
1,2-Dichloropropane	U	0.005	mg/kg	0.005	SW846-8260A
1,4-Dioxane	U	0.5	mg/kg	0.5	SW846-8260A
2-Butanone	U	0.02	mg/kg	0.02	SW846-8260A
2-Chloro-1,3-butadiene	U	0.005	mg/kg	0.005	SW846-8260A
2-Hexanone	U	0.02	mg/kg	0.02	SW846-8260A
4-Methyl-2-pentanone	U	0.02	mg/kg	0.02	SW846-8260A
Acetone	U	0.02	mg/kg	0.02	SW846-8260A
Acetonitrile	U	0.02	mg/kg	0.02	SW846-8260A
Acrolein	U	0.1	mg/kg	0.1	SW846-8260A
Acrylonitrile	U	0.1	mg/kg	0.1	SW846-8260A
Allyl chloride	U	0.01	mg/kg	0.01	SW846-8260A
Benzene	U	0.005	mg/kg	0.005	SW846-8260A
Bromodichloromethane	U	0.005	mg/kg	0.005	SW846-8260A
Bromoform	U	0.005	mg/kg	0.005	SW846-8260A
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260A
Carbon disulfide	U	0.005	mg/kg	0.005	SW846-8260A
Carbon tetrachloride	U	0.005	mg/kg	0.005	SW846-8260A
Chlorobenzene	U	0.005	mg/kg	0.005	SW846-8260A
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260A
Chloroform	U	0.005	mg/kg	0.005	SW846-8260A
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260A
cis-1,3-Dichloropropene	U	0.005	mg/kg	0.005	SW846-8260A
Dibromochloromethane	U	0.005	mg/kg	0.005	SW846-8260A
Dibromomethane	U	0.005	mg/kg	0.005	SW846-8260A
Dichlorodifluoromethane	U	0.01	mg/kg	0.01	SW846-8260A
Ethyl cyanide	U	0.02	mg/kg	0.02	SW846-8260A
Ethyl methacrylate	U	0.005	mg/kg	0.005	SW846-8260A
Ethylbenzene	U	0.005	mg/kg	0.005	SW846-8260A
Iodomethane	U	0.005	mg/kg	0.005	SW846-8260A
Isobutanol	U	0.2	mg/kg	0.2	SW846-8260A
Methacrylonitrile	U	0.005	mg/kg	0.005	SW846-8260A
Methyl methacrylate	U	0.005	mg/kg	0.005	SW846-8260A
Methylene chloride	J	0.002	mg/kg	0.005	SW846-8260A
Pentachloroethane	U	0.005	mg/kg	0.005	SW846-8260A
Styrene	U	0.005	mg/kg	0.005	SW846-8260A

NST2S03**AIPSOCHSP10-00****AIP SO CH SPLIT October 00**

Tetrachloroethene	U	0.005	mg/kg	0.005	SW846-8260A
Toluene	U	0.005	mg/kg	0.005	SW846-8260A
Total Xylene	U	0.005	mg/kg	0.005	SW846-8260A
trans-1,2-Dichloroethene	U	0.002	mg/kg	0.002	SW846-8260A
trans-1,3-Dichloropropene	U	0.005	mg/kg	0.005	SW846-8260A
Trans-1,4-Dichloro-2-butene	U	0.005	mg/kg	0.005	SW846-8260A
Trichloroethene	U	0.005	mg/kg	0.005	SW846-8260A
Trichlorofluoromethane	U	0.01	mg/kg	0.01	SW846-8260A
Vinyl acetate	U	0.01	mg/kg	0.01	SW846-8260A
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260A
WETCHEM					
Percent Moisture		6.6	%	0.1	EPA-160.3-CAWW-

NS-SD-01

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-01

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
RADS						
Alpha activity		8.56	pCi/g	4.75	5.72	RL-7119
Beta activity		8.7	pCi/g	2.19	2.71	RL-7119

NS-SD-02

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-02

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
RADS						
Alpha activity		13.13	pCi/g	6.02	5.72	RL-7119
Beta activity		9.5	pCi/g	2.3	2.71	RL-7119

NS-SD-03

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-03

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
RADS						
Alpha activity		22.42	pCi/g	7.58	5.72	RL-7119
Beta activity		47.83	pCi/g	5.47	2.71	RL-7119

NS-SD-04

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-04

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
RADS						
Alpha activity		29.08	pCi/g	9.08	5.72	RL-7119
Beta activity		22.22	pCi/g	3.67	2.71	RL-7119

NS-SD-05

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-05

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
RADS						
Alpha activity		27.23	pCi/g	8.83	5.72	RL-7119
Beta activity		16.43	pCi/g	3.12	2.71	RL-7119

NS-SD-06

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-06

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
RADS						
Alpha activity		15.99	pCi/g	6.67	5.72	RL-7119
Beta activity		12.24	pCi/g	2.65	2.71	RL-7119

NS-SD-07

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SD-07

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<	1	ppm			
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		10	pCi/g	5.17	5.72	RL-7119
Beta activity		9.99	pCi/g	2.37	2.71	RL-7119

ERI00SD-07DUP

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082

NS-SS-01

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-01

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
Polychlorinated biphenyl	<		1 ppm			

NS-SS-02

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-02

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	>		1 ppm			
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082

NS-SS-03

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-03

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
Polychlorinated biphenyl	<		1 ppm			

NS-SS-04

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-04

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
Polychlorinated biphenyl	<		1 ppm			

NS-SS-05

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-05

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
Polychlorinated biphenyl	<		1 ppm			

NS-SS-06

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-06

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
Polychlorinated biphenyl	<		1 ppm			

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NS-SS-07

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-07

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<	1	ppm			
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082

ERI00SS-07DUP

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082

NS-SS-08

ERI00-NS-SCRN

North/South Diversion Ditch State Screening - ERI00-NS-SCRN

ERI00SS-08

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
Field P						
Polychlorinated biphenyl	<		1 ppm			
Polychlorinated biphenyl	<		1 ppm			

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NS-SD-01

ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP
050027SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		8700	mg/kg			SW846-6010B
Antimony	U	4.8	mg/kg		4.8	SW846-6010B
Arsenic		9.6	mg/kg			SW846-6010B
Barium		66.1	mg/kg			SW846-6010B
Beryllium		1.1	mg/kg			SW846-6010B
Boron	U	1.4	mg/kg		1.4	SW846-6010B
Cadmium	U	0.35	mg/kg		0.35	SW846-6010B
Calcium		83000	mg/kg			SW846-6010B
Chromium		19.7	mg/kg			SW846-6010B
Cobalt		10.7	mg/kg			SW846-6010B
Copper		10.3	mg/kg			SW846-6010B
Iron		24800	mg/kg			SW846-6010B
Lead		13.6	mg/kg			SW846-6010B
Magnesium		2350	mg/kg			SW846-6010B
Manganese		461	mg/kg			SW846-6010B
Mercury	U	0.02	mg/kg		0.02	SW846-7471A
Molybdenum	B	1.2	mg/kg			SW846-6010B
Nickel		16.6	mg/kg			SW846-6010B
Potassium	B	224	mg/kg			SW846-6010B
Selenium	U	0.3	mg/kg		0.3	SW846-6010B
Silicon		611	mg/kg			SW846-6010B
Silver	U	0.92	mg/kg		0.92	SW846-6010B
Sodium	B	116	mg/kg			SW846-6010B
Thallium	B	0.75	mg/kg			SW846-6010B
Vanadium		40.7	mg/kg			SW846-6010B
Zinc		45.6	mg/kg			SW846-6010B
PCCB						
PCB-1016	U	0.037	mg/kg		0.041	SW846-8082
PCB-1221	U	0.037	mg/kg		0.041	SW846-8082
PCB-1232	U	0.037	mg/kg		0.041	SW846-8082
PCB-1242	U	0.037	mg/kg		0.041	SW846-8082
PCB-1248	U	0.037	mg/kg		0.041	SW846-8082
PCB-1254	U	0.038	mg/kg		0.041	SW846-8082
PCB-1260	U	0.038	mg/kg		0.041	SW846-8082
PCB-1262	U	0.038	mg/kg		0.041	SW846-8082
PCB-1268	U	0.038	mg/kg		0.041	SW846-8082

NS-SD-02

ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP
050026SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		9970	mg/kg			SW846-6010B
Antimony	U	5.5	mg/kg		5.5	SW846-6010B
Arsenic		3.2	mg/kg			SW846-6010B
Barium		85.2	mg/kg			SW846-6010B
Beryllium		0.81	mg/kg			SW846-6010B
Boron	U	1.5	mg/kg		1.5	SW846-6010B
Cadmium	U	0.39	mg/kg		0.39	SW846-6010B
Calcium		2440	mg/kg			SW846-6010B
Chromium		15.4	mg/kg			SW846-6010B
Cobalt	B	6.1	mg/kg			SW846-6010B
Copper		10.5	mg/kg			SW846-6010B
Iron		11300	mg/kg			SW846-6010B
Lead		10.8	mg/kg			SW846-6010B
Magnesium		1090	mg/kg			SW846-6010B
Manganese		191	mg/kg			SW846-6010B
Mercury	B	0.03	mg/kg			SW846-7471A
Molybdenum	U	0.15	mg/kg		0.15	SW846-6010B
Nickel		11.8	mg/kg			SW846-6010B
Potassium	B	499	mg/kg			SW846-6010B
Selenium	U	0.34	mg/kg		0.34	SW846-6010B
Silicon		748	mg/kg			SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	74.3	mg/kg			SW846-6010B
Thallium	U	0.46	mg/kg		0.46	SW846-6010B
Vanadium		31.3	mg/kg			SW846-6010B
Zinc		25	mg/kg			SW846-6010B
PCCB						
PCB-1016	U	0.042	mg/kg		0.046	SW846-8082
PCB-1221	U	0.042	mg/kg		0.046	SW846-8082
PCB-1232	U	0.042	mg/kg		0.046	SW846-8082
PCB-1242	U	0.042	mg/kg		0.046	SW846-8082
PCB-1248	U	0.042	mg/kg		0.046	SW846-8082
PCB-1254	U	0.043	mg/kg		0.046	SW846-8082
PCB-1260	U	0.043	mg/kg		0.046	SW846-8082
PCB-1262	U	0.043	mg/kg		0.046	SW846-8082
PCB-1268	U	0.043	mg/kg		0.046	SW846-8082

NS-SD-03

ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP

050025SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		8940	mg/kg			SW846-6010B
Antimony	U	6	mg/kg		6	SW846-6010B
Arsenic		14.7	mg/kg			SW846-6010B
Barium		95.2	mg/kg			SW846-6010B
Beryllium		1.6	mg/kg			SW846-6010B
Boron	U	1.7	mg/kg		1.7	SW846-6010B
Cadmium	U	0.43	mg/kg		0.43	SW846-6010B
Calcium		7950	mg/kg			SW846-6010B
Chromium		28.1	mg/kg			SW846-6010B
Cobalt		14.7	mg/kg			SW846-6010B
Copper		19.3	mg/kg			SW846-6010B
Iron		31400	mg/kg			SW846-6010B
Lead		27.2	mg/kg			SW846-6010B
Magnesium		1390	mg/kg			SW846-6010B
Manganese		478	mg/kg			SW846-6010B
Mercury	B	0.03	mg/kg			SW846-7471A
Molybdenum	B	0.65	mg/kg			SW846-6010B
Nickel		19.2	mg/kg			SW846-6010B
Potassium	B	365	mg/kg			SW846-6010B
Selenium	U	0.37	mg/kg		0.37	SW846-6010B
Silicon		845	mg/kg			SW846-6010B
Silver	U	1.1	mg/kg		1.1	SW846-6010B
Sodium	B	75.8	mg/kg			SW846-6010B
Thallium		1.6	mg/kg			SW846-6010B
Vanadium		65.2	mg/kg			SW846-6010B
Zinc		52.3	mg/kg			SW846-6010B
PCCB						
PCB-1016	U	0.046	mg/kg		0.051	SW846-8082
PCB-1221	U	0.046	mg/kg		0.051	SW846-8082
PCB-1232	U	0.046	mg/kg		0.051	SW846-8082
PCB-1242	U	0.046	mg/kg		0.051	SW846-8082
PCB-1248	U	0.046	mg/kg		0.051	SW846-8082
PCB-1254	U	0.048	mg/kg		0.051	SW846-8082
PCB-1260	U	0.048	mg/kg		0.051	SW846-8082
PCB-1262	U	0.048	mg/kg		0.051	SW846-8082
PCB-1268	U	0.048	mg/kg		0.051	SW846-8082

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NS-SD-04

**ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP
050024SD**

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum		9290	mg/kg			SW846-6010B
Antimony	U	5.4	mg/kg		5.4	SW846-6010B
Arsenic		7.2	mg/kg			SW846-6010B
Barium		87.1	mg/kg			SW846-6010B
Beryllium		0.96	mg/kg			SW846-6010B
Boron	U	1.5	mg/kg		1.5	SW846-6010B
Cadmium	U	0.39	mg/kg		0.39	SW846-6010B
Calcium		3090	mg/kg			SW846-6010B
Chromium		22.3	mg/kg			SW846-6010B
Cobalt		8.5	mg/kg			SW846-6010B
Copper		16.9	mg/kg			SW846-6010B
Iron		17900	mg/kg			SW846-6010B
Lead		16.9	mg/kg			SW846-6010B
Magnesium		1060	mg/kg			SW846-6010B
Manganese		365	mg/kg			SW846-6010B
Mercury	B	0.03	mg/kg			SW846-7471A
Molybdenum	B	0.29	mg/kg			SW846-6010B
Nickel		14.7	mg/kg			SW846-6010B
Potassium	B	495	mg/kg			SW846-6010B
Selenium	U	0.33	mg/kg		0.33	SW846-6010B
Silicon		781	mg/kg			SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	59	mg/kg			SW846-6010B
Thallium	B	0.87	mg/kg			SW846-6010B
Vanadium		38.9	mg/kg			SW846-6010B
Zinc		53.1	mg/kg			SW846-6010B
PCCB						
PCB-1016	U	0.042	mg/kg		0.046	SW846-8082
PCB-1221	U	0.042	mg/kg		0.046	SW846-8082
PCB-1232	U	0.042	mg/kg		0.046	SW846-8082
PCB-1242	U	0.042	mg/kg		0.046	SW846-8082
PCB-1248	U	0.042	mg/kg		0.046	SW846-8082
PCB-1254	U	0.043	mg/kg		0.046	SW846-8082
PCB-1260	U	0.043	mg/kg		0.046	SW846-8082
PCB-1262	U	0.043	mg/kg		0.046	SW846-8082
PCB-1268	U	0.043	mg/kg		0.046	SW846-8082

NS-SD-05

ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP
050023SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		9330	mg/kg			SW846-6010B
Antimony	U	5.3	mg/kg		5.3	SW846-6010B
Arsenic		7.3	mg/kg			SW846-6010B
Barium		85.4	mg/kg			SW846-6010B
Beryllium		0.82	mg/kg			SW846-6010B
Boron	U	1.5	mg/kg		1.5	SW846-6010B
Cadmium	U	0.38	mg/kg		0.38	SW846-6010B
Calcium		2720	mg/kg			SW846-6010B
Chromium		18	mg/kg			SW846-6010B
Cobalt		8.7	mg/kg			SW846-6010B
Copper		15.3	mg/kg			SW846-6010B
Iron		20800	mg/kg			SW846-6010B
Lead		14	mg/kg			SW846-6010B
Magnesium		970	mg/kg			SW846-6010B
Manganese		651	mg/kg			SW846-6010B
Mercury	B	0.03	mg/kg			SW846-7471A
Molybdenum	B	0.39	mg/kg			SW846-6010B
Nickel		14.1	mg/kg			SW846-6010B
Potassium	B	461	mg/kg			SW846-6010B
Selenium	U	0.33	mg/kg		0.33	SW846-6010B
Silicon		780	mg/kg			SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	53.6	mg/kg			SW846-6010B
Thallium	B	1.2	mg/kg			SW846-6010B
Vanadium		35.7	mg/kg			SW846-6010B
Zinc		54.5	mg/kg			SW846-6010B
PCCB						
PCB-1016	U	0.041	mg/kg		0.045	SW846-8082
PCB-1221	U	0.041	mg/kg		0.045	SW846-8082
PCB-1232	U	0.041	mg/kg		0.045	SW846-8082
PCB-1242	U	0.041	mg/kg		0.045	SW846-8082
PCB-1248	U	0.041	mg/kg		0.045	SW846-8082
PCB-1254	U	0.042	mg/kg		0.045	SW846-8082
PCB-1260	U	0.042	mg/kg		0.045	SW846-8082
PCB-1262	U	0.042	mg/kg		0.045	SW846-8082
PCB-1268	U	0.042	mg/kg		0.045	SW846-8082

NS-SD-06

ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP

050022SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		11100	mg/kg			SW846-6010B
Antimony	U	5.3	mg/kg		5.3	SW846-6010B
Arsenic		4.2	mg/kg			SW846-6010B
Barium		94.9	mg/kg			SW846-6010B
Beryllium		0.71	mg/kg			SW846-6010B
Boron	U	1.5	mg/kg		1.5	SW846-6010B
Cadmium	U	0.38	mg/kg		0.38	SW846-6010B
Calcium		3040	mg/kg			SW846-6010B
Chromium		18.9	mg/kg			SW846-6010B
Cobalt	B	5.3	mg/kg			SW846-6010B
Copper		16	mg/kg			SW846-6010B
Iron		13300	mg/kg			SW846-6010B
Lead		11.9	mg/kg			SW846-6010B
Magnesium		1300	mg/kg			SW846-6010B
Manganese		451	mg/kg			SW846-6010B
Mercury	B	0.04	mg/kg			SW846-7471A
Molybdenum	B	0.27	mg/kg			SW846-6010B
Nickel		12.5	mg/kg			SW846-6010B
Potassium		807	mg/kg			SW846-6010B
Selenium	U	0.33	mg/kg		0.33	SW846-6010B
Silicon		812	mg/kg			SW846-6010B
Silver	U	1	mg/kg		1	SW846-6010B
Sodium	B	67	mg/kg			SW846-6010B
Thallium	B	0.75	mg/kg			SW846-6010B
Vanadium		25.6	mg/kg			SW846-6010B
Zinc		72.4	mg/kg			SW846-6010B
PCCB						
PCB-1221	U	0.041	mg/kg		0.045	SW846-8082
PCB-1232	U	0.041	mg/kg		0.045	SW846-8082
PCB-1242	U	0.041	mg/kg		0.045	SW846-8082
PCB-1248	U	0.041	mg/kg		0.045	SW846-8082
PCB-1254	U	0.042	mg/kg		0.045	SW846-8082
PCB-1260	U	0.042	mg/kg		0.045	SW846-8082
PCB-1262	U	0.042	mg/kg		0.045	SW846-8082
PCB-1268	U	0.042	mg/kg		0.045	SW846-8082

NS-SD-07

ERI00-NS-SCRN-AI AIP North/South Diversion Ditch State Screening - ERI00-NS-SCRN-AIP

050021SD

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum		5940	mg/kg			SW846-6010B
Antimony	U	5.7	mg/kg		5.7	SW846-6010B
Arsenic		3.5	mg/kg			SW846-6010B
Barium		46.2	mg/kg			SW846-6010B
Beryllium	B	0.53	mg/kg			SW846-6010B
Boron	U	1.6	mg/kg		1.6	SW846-6010B
Cadmium	U	0.41	mg/kg		0.41	SW846-6010B
Calcium		1200	mg/kg			SW846-6010B
Chromium		10.4	mg/kg			SW846-6010B
Cobalt	B	4.3	mg/kg			SW846-6010B
Copper		6	mg/kg			SW846-6010B
Iron		10500	mg/kg			SW846-6010B
Lead		9.5	mg/kg			SW846-6010B
Magnesium	B	523	mg/kg			SW846-6010B
Manganese		180	mg/kg			SW846-6010B
Mercury	U	0.02	mg/kg		0.02	SW846-7471A
Molybdenum	B	0.23	mg/kg			SW846-6010B
Nickel	B	5.6	mg/kg			SW846-6010B
Potassium	B	392	mg/kg			SW846-6010B
Selenium	U	0.35	mg/kg		0.35	SW846-6010B
Silicon		819	mg/kg			SW846-6010B
Silver	U	1.1	mg/kg		1.1	SW846-6010B
Sodium	B	62.7	mg/kg			SW846-6010B
Thallium	B	0.56	mg/kg			SW846-6010B
Vanadium		21.5	mg/kg			SW846-6010B
Zinc		23	mg/kg			SW846-6010B
PCCB						
PCB-1016	U	0.044	mg/kg		0.048	SW846-8082
PCB-1221	U	0.044	mg/kg		0.048	SW846-8082
PCB-1232	U	0.044	mg/kg		0.048	SW846-8082
PCB-1242	U	0.044	mg/kg		0.048	SW846-8082
PCB-1248	U	0.044	mg/kg		0.048	SW846-8082
PCB-1254	U	0.045	mg/kg		0.048	SW846-8082
PCB-1260	U	0.045	mg/kg		0.048	SW846-8082
PCB-1262	U	0.045	mg/kg		0.048	SW846-8082

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NSD2000-01 bank

**ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5798**

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241		0.253	pCi/g	0.06	0.06	NS
Neptunium-237/Protactinium-233		0.362	pCi/g	0.08	0.08	NS
Plutonium-238	UJ	0.0114	pCi/g	0.01	0.02	NS
Plutonium-238	UJ	0.016	pCi/g	0.01	0.01	NS
Plutonium-239/240		0.7317	pCi/g	0.1	0.0044	NS
Plutonium-239/240		0.7486	pCi/g	0.1	0.0096	NS
Technetium-99		20.36	pCi/g	0.17	0.14	NS
Uranium-234		2.348	pCi/g	0.28	0.0048	NS
Uranium-234		2.155	pCi/g	0.25	0.0047	NS
Uranium-235		0.1585	pCi/g	0.04	0.0058	NS
Uranium-235		0.1092	pCi/g	0.03	0.0059	NS
Uranium-238	UJ	3.02	pCi/g	0.35	0.0048	NS
Uranium-238		3.003	pCi/g	0.34	0.01	NS

NSD2000-02 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5799

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.168	pCi/g	0.05	0.06	NS
Neptunium-237/Protactinium-233	J	0.254	pCi/g	0.1	0.08	NS
Plutonium-238	UJ	0.0229	pCi/g	0.03	0.03	NS
Plutonium-239/240		0.4672	pCi/g	0.09	0.02	NS
Technetium-99		13.4	pCi/g	0.14	0.14	NS
Uranium-234		1.792	pCi/g	0.22	0.01	NS
Uranium-235		0.0794	pCi/g	0.02	0.0061	NS
Uranium-238		2.218	pCi/g	0.26	0.005	NS

NSD2000-03 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5800

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.109	pCi/g	0.06	0.06	NS
Neptunium-237/Protactinium-233	J	0.1	pCi/g	0.07	0.09	NS
Plutonium-238	UJ	0.00609	pCi/g	0.01	0.03	NS
Plutonium-239/240		0.1762	pCi/g	0.04	0.01	NS
Technetium-99		5	pCi/g	0.1	0.14	NS
Uranium-234		1.045	pCi/g	0.13	0.0043	NS
Uranium-235		0.035	pCi/g	0.01	0.01	NS
Uranium-238		1.249	pCi/g	0.15	0.0094	NS

NSD2000-04 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5801

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.103	pCi/g	0.04	0.06	NS
Neptunium-237/Protactinium-233	J	0.158	pCi/g	0.07	0.09	NS
Plutonium-238	UJ	0.0112	pCi/g	0.01	0.02	NS
Plutonium-239/240		0.3372	pCi/g	0.07	0.0076	NS
Technetium-99		-0.84	pCi/g	0.05	0.14	NS
Uranium-234		1.346	pCi/g	0.16	0.01	NS
Uranium-235		0.0839	pCi/g	0.02	0.0055	NS
Uranium-238		1.674	pCi/g	0.2	0.0099	NS

NSD2000-05 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5802

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241		0.206	pCi/g	0.05	0.06	NS
Neptunium-237/Protactinium-233	J	0.318	pCi/g	0.11	0.09	NS
Plutonium-238	UJ	0.0131	pCi/g	0.04	0.07	NS
Plutonium-238	UJ	-0.0057	pCi/g	0.01	0.03	NS
Plutonium-239/240		0.4654	pCi/g	0.07	0.02	NS
Plutonium-239/240		0.4582	pCi/g	0.12	0.01	NS
Technetium-99		14.63	pCi/g	0.15	0.14	NS
Uranium-234		2.3	pCi/g	0.26	0.0043	NS
Uranium-235		0.1125	pCi/g	0.03	0.0054	NS
Uranium-238		2.947	pCi/g	0.33	0.0096	NS

NSD2000-06 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5803

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.172	pCi/g	0.06	0.06	NS
Neptunium-237/Protactinium-233	J	0.171	pCi/g	0.11	0.09	NS
Plutonium-238	UJ	0.018	pCi/g	0.02	0.04	NS
Plutonium-239/240		0.4703	pCi/g	0.09	0.02	NS
Technetium-99		12.83	pCi/g	0.14	0.14	NS
Uranium-234		2.335	pCi/g	0.28	0.01	NS
Uranium-235		0.1767	pCi/g	0.04	0.0061	NS
Uranium-238		2.892	pCi/g	0.34	0.005	NS

NSD2000-06 sedi

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5819

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.123	pCi/g	0.07	0.06	NS
Neptunium-237/Protactinium-233	UJ	0.127	pCi/g	0.09	0.16	NS
Plutonium-238	UJ	0.7683	pCi/g	5.21	10.28	NS
Plutonium-239/240	UJ	-1.535	pCi/g	3.07	7.34	NS
Technetium-99		10.87	pCi/g	0.13	0.14	NS
Uranium-234		3.253	pCi/g	0.39	0.0056	NS
Uranium-235		0.2275	pCi/g	0.05	0.01	NS
Uranium-238		4.296	pCi/g	0.5	0.01	NS

NSD2000-06 SPT

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5820

Collected: 6/16/2000

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	UJ	0.07	pCi/g	0.05	0.07	NS
Neptunium-237/Protactinium-233	J	0.285	pCi/g	0.13	0.16	NS
Plutonium-238	UJ	0.0204	pCi/g	0.02	0.05	NS
Plutonium-239/240		0.2938	pCi/g	0.07	0.01	NS
Technetium-99		10.91	pCi/g	0.13	0.14	NS
Uranium-234		3.335	pCi/g	0.38	0.01	NS
Uranium-235		0.2081	pCi/g	0.04	0.0062	NS
Uranium-238		4.346	pCi/g	0.49	0.01	NS

NSD2000-07 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5804

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.117	pCi/g	0.05	0.06	NS
Neptunium-237/Protactinium-233	J	0.131	pCi/g	0.08	0.09	NS
Plutonium-238	UJ	0.01957	pCi/g	0.02	0.03	NS
Plutonium-238	UJ	-0.0334	pCi/g	0.17	0.3	NS
Plutonium-239/240		0.2209	pCi/g	0.04	0.01	NS
Plutonium-239/240		0.3002	pCi/g	0.22	0.09	NS
Technetium-99		9.08	pCi/g	0.12	0.14	NS
Uranium-234		1.403	pCi/g	0.17	0.0044	NS
Uranium-235		0.095	pCi/g	0.02	0.0055	NS
Uranium-238		2.025	pCi/g	0.23	0.0044	NS

NSD2000-07 SPT

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5805

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	J	0.123	pCi/g	0.05	0.06	NS
Neptunium-237/Protactinium-233	J	0.083	pCi/g	0.07	0.1	NS
Plutonium-238	UJ	0.0032	pCi/g	0.02	0.03	NS
Plutonium-239/240		0.2283	pCi/g	0.06	0.01	NS
Technetium-99		9.9	pCi/g	0.13	0.14	NS
Uranium-234		1.424	pCi/g	0.17	0.0047	NS
Uranium-235		0.0826	pCi/g	0.02	0.01	NS
Uranium-238		2.129	pCi/g	0.25	0.0046	NS

NSD2000-08 bank

ERI00-NS-SCRN-KY IAD North/South Diversion Ditch State Screening - ERI00-NS-SCRN-KYI
2000-5806

Collected: 6/16/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Americium-241		0.234	pCi/g	0.06	0.06	NS
Neptunium-237/Protactinium-233	J	0.124	pCi/g	0.09	0.1	NS
Plutonium-238	UJ	-0.0022	pCi/g	0.01	0.02	NS
Plutonium-238	UJ	0.0206	pCi/g	0.02	0.02	NS
Plutonium-239/240		0.2359	pCi/g	0.05	0.006	NS
Plutonium-239/240		0.26	pCi/g	0.05	0.01	NS
Technetium-99		13.68	pCi/g	0.14	0.14	NS
Technetium-99		16.87	pCi/g	0.16	0.14	NS
Uranium-234		1.451	pCi/g	0.17	0.0044	NS
Uranium-234		1.573	pCi/g	0.21	0.01	NS
Uranium-235		0.1719	pCi/g	0.04	0.0079	NS
Uranium-235		0.1143	pCi/g	0.03	0.0054	NS
Uranium-238		1.971	pCi/g	0.23	0.0097	NS
Uranium-238		1.832	pCi/g	0.24	0.0064	NS

SEC3A-5SO

ERI01-NS-SCRN2

Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch

ERISEC3ASO5

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9640	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		59.5	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Boron	U	200	mg/kg		200	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1510	mg/kg		100	SW846-6010A
Chromium		11.7	mg/kg		2.5	SW846-6010A
Cobalt	N	3.06	mg/kg		2.5	SW846-6010A
Copper	N	14.1	mg/kg		2.5	SW846-6010A
Iron	*NW	8610	mg/kg		20	SW846-6010A
Lead	*NU	20	mg/kg		20	SW846-6010A
Magnesium	W	1000	mg/kg		15	SW846-6010A
Manganese	*N	110	mg/kg		10	SW846-6010A
Mercury	NU	0.2	mg/kg		0.2	SW846-7471
Molybdenum	U	5	mg/kg		5	SW846-6010A
Nickel	*N	9.19	mg/kg		5	SW846-6010A
Potassium	N	686	mg/kg		200	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	300	mg/kg		300	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Vanadium		19.2	mg/kg		2.5	SW846-6010A
Zinc	N	27.7	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.1	pCi/g	2.55	2.66	RL-7119
Beta activity		5.35	pCi/g	1.69	3.14	RL-7119

SEC3A-8SO

ERI01-NS-SCRN2

Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch

ERISEC3ASO8

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		85.4	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Boron	U	200	mg/kg		200	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1440	mg/kg		100	SW846-6010A
Chromium		12.8	mg/kg		2.5	SW846-6010A
Cobalt	N	2.93	mg/kg		2.5	SW846-6010A
Copper	N	13.9	mg/kg		2.5	SW846-6010A
Iron	*NW	9710	mg/kg		20	SW846-6010A
Lead	*NU	20	mg/kg		20	SW846-6010A
Magnesium	W	1140	mg/kg		15	SW846-6010A
Manganese	*N	189	mg/kg		10	SW846-6010A
Mercury	NU	0.2	mg/kg		0.2	SW846-7471
Molybdenum	U	5	mg/kg		5	SW846-6010A
Nickel	*N	10.2	mg/kg		5	SW846-6010A
Potassium	N	613	mg/kg		200	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	300	mg/kg		300	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Vanadium		19.1	mg/kg		2.5	SW846-6010A
Zinc	N	43.7	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		9.02	pCi/g	3.41	2.66	RL-7119
Beta activity		12.65	pCi/g	2.81	3.14	RL-7119

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NSD2000-01 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120012

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8040	mg/kg		25.3	SW846-6010B
Antimony	U	7.6	mg/kg		7.6	SW846-6010B
Arsenic		6.5	mg/kg		1.3	SW846-6010B
Barium		91.1	mg/kg		25.3	SW846-6010B
Beryllium	B	0.61	mg/kg		0.63	SW846-6010B
Boron	U	25.3	mg/kg		25.3	SW846-6010B
Cadmium	B	0.41	mg/kg		0.63	SW846-6010B
Calcium		12700	mg/kg		633	SW846-6010B
Chromium	E	10.9	mg/kg		1.3	SW846-6010B
Cobalt		7.3	mg/kg		6.3	SW846-6010B
Copper		11.2	mg/kg		3.2	SW846-6010B
Iron	N	13100	mg/kg		12.7	SW846-6010B
Lead		14.4	mg/kg		0.38	SW846-6010B
Magnesium		1760	mg/kg		633	SW846-6010B
Manganese	N	564	mg/kg		1.9	SW846-6010B
Mercury	B	0.071	mg/kg		0.042	SW846-7471A
Molybdenum	B	0.37	mg/kg		5.1	SW846-6010B
Nickel	E	10.5	mg/kg		5.1	SW846-6010B
Potassium	B	471	mg/kg		633	SW846-6010B
Selenium	U	0.63	mg/kg		0.63	SW846-6010B
Silicon	N	343	mg/kg		63.3	SW846-6010B
Silver	U	1.3	mg/kg		1.3	SW846-6010B
Sodium	U	633	mg/kg		633	SW846-6010B
Thallium	U	1.3	mg/kg		1.3	SW846-6010B
Vanadium		23.1	mg/kg		6.3	SW846-6010B
Zinc		34.2	mg/kg		2.5	SW846-6010B
PCCB						
PCB-1016	U	0.042	mg/kg		0.042	SW846-8082
PCB-1221	U	0.042	mg/kg		0.042	SW846-8082
PCB-1232	U	0.042	mg/kg		0.042	SW846-8082
PCB-1242	U	0.042	mg/kg		0.042	SW846-8082
PCB-1248	U	0.042	mg/kg		0.042	SW846-8082
PCB-1254	U	0.042	mg/kg		0.042	SW846-8082
PCB-1260	U	0.042	mg/kg		0.042	SW846-8082
PCB-1262	U	0.042	mg/kg		0.042	SW846-8082
PCB-1268	U	0.042	mg/kg		0.042	SW846-8082
WETCHEM						
Percent Moisture		21	%		0.1	EPA-160.3-CAWW-

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NSD2000-02 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120013

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8220	mg/kg		25.5	SW846-6010B
Antimony	U	7.6	mg/kg		7.6	SW846-6010B
Arsenic		4.3	mg/kg		1.3	SW846-6010B
Barium		83.5	mg/kg		25.5	SW846-6010B
Beryllium	B	0.52	mg/kg		0.64	SW846-6010B
Boron	U	25.5	mg/kg		25.5	SW846-6010B
Cadmium	B	0.31	mg/kg		0.64	SW846-6010B
Calcium		1970	mg/kg		637	SW846-6010B
Chromium	E	9.7	mg/kg		1.3	SW846-6010B
Cobalt	B	4.4	mg/kg		6.4	SW846-6010B
Copper		8.5	mg/kg		3.2	SW846-6010B
Iron	N	9930	mg/kg		12.7	SW846-6010B
Lead		13.3	mg/kg		0.38	SW846-6010B
Magnesium		1080	mg/kg		637	SW846-6010B
Manganese	N	485	mg/kg		1.9	SW846-6010B
Mercury	B	0.074	mg/kg		0.043	SW846-7471A
Molybdenum	B	0.3	mg/kg		5.1	SW846-6010B
Nickel	E	9	mg/kg		5.1	SW846-6010B
Potassium	B	441	mg/kg		637	SW846-6010B
Selenium	U	0.64	mg/kg		0.64	SW846-6010B
Silicon	N	277	mg/kg		63.7	SW846-6010B
Silver	U	1.3	mg/kg		1.3	SW846-6010B
Sodium	U	637	mg/kg		637	SW846-6010B
Thallium	U	1.3	mg/kg		1.3	SW846-6010B
Vanadium		18.7	mg/kg		6.4	SW846-6010B
Zinc		31	mg/kg		2.6	SW846-6010B
PCCB						
PCB-1016	U	0.042	mg/kg		0.042	SW846-8082
PCB-1221	U	0.042	mg/kg		0.042	SW846-8082
PCB-1232	U	0.042	mg/kg		0.042	SW846-8082
PCB-1242	U	0.042	mg/kg		0.042	SW846-8082
PCB-1248	U	0.042	mg/kg		0.042	SW846-8082
PCB-1254	U	0.042	mg/kg		0.042	SW846-8082
PCB-1260	U	0.042	mg/kg		0.042	SW846-8082
PCB-1262	U	0.042	mg/kg		0.042	SW846-8082
PCB-1268	U	0.042	mg/kg		0.042	SW846-8082
WETCHEM						
Percent Moisture		21.5	%		0.1	EPA-160.3-CAWW-

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NSD2000-03 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120015

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	9540	mg/kg		27.7	SW846-6010B
Antimony	BN	0.55	mg/kg		8.3	SW846-6010B
Arsenic		6	mg/kg		1.4	SW846-6010B
Barium		176	mg/kg		27.7	SW846-6010B
Beryllium		0.78	mg/kg		0.69	SW846-6010B
Boron	U	27.7	mg/kg		27.7	SW846-6010B
Cadmium	B	0.64	mg/kg		0.69	SW846-6010B
Calcium		3390	mg/kg		693	SW846-6010B
Chromium	E	10.6	mg/kg		1.4	SW846-6010B
Cobalt		8.4	mg/kg		6.9	SW846-6010B
Copper		10.4	mg/kg		3.5	SW846-6010B
Iron	N	11500	mg/kg		13.9	SW846-6010B
Lead		23.8	mg/kg		0.42	SW846-6010B
Magnesium		1300	mg/kg		693	SW846-6010B
Manganese	N	1690	mg/kg		2.1	SW846-6010B
Mercury	B	0.11	mg/kg		0.046	SW846-7471A
Molybdenum	B	0.46	mg/kg		5.5	SW846-6010B
Nickel	E	12.7	mg/kg		5.5	SW846-6010B
Potassium	B	613	mg/kg		693	SW846-6010B
Selenium	U	0.69	mg/kg		0.69	SW846-6010B
Silicon	N	296	mg/kg		69.3	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	693	mg/kg		693	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		19.6	mg/kg		6.9	SW846-6010B
Zinc		50.2	mg/kg		2.8	SW846-6010B
PCCB						
PCB-1016	U	0.046	mg/kg		0.046	SW846-8082
PCB-1221	U	0.046	mg/kg		0.046	SW846-8082
PCB-1232	U	0.046	mg/kg		0.046	SW846-8082
PCB-1242	U	0.046	mg/kg		0.046	SW846-8082
PCB-1248	U	0.046	mg/kg		0.046	SW846-8082
PCB-1254	U	0.046	mg/kg		0.046	SW846-8082
PCB-1260	U	0.046	mg/kg		0.046	SW846-8082
PCB-1262	U	0.046	mg/kg		0.046	SW846-8082
PCB-1268	U	0.046	mg/kg		0.046	SW846-8082
WETCHEM						
Percent Moisture		27.8	%		0.1	EPA-160.3-CAWW-

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NSD2000-04 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120017

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8450	mg/kg		27.5	SW846-6010B
Antimony	U	8.2	mg/kg		8.2	SW846-6010B
Arsenic		4	mg/kg		1.4	SW846-6010B
Barium		93.5	mg/kg		27.5	SW846-6010B
Beryllium	B	0.53	mg/kg		0.69	SW846-6010B
Boron	U	27.5	mg/kg		27.5	SW846-6010B
Cadmium	B	0.41	mg/kg		0.69	SW846-6010B
Calcium		2380	mg/kg		687	SW846-6010B
Chromium	E	10.2	mg/kg		1.4	SW846-6010B
Cobalt	B	4.3	mg/kg		6.9	SW846-6010B
Copper		9.3	mg/kg		3.4	SW846-6010B
Iron	N	8960	mg/kg		13.7	SW846-6010B
Lead		17	mg/kg		0.41	SW846-6010B
Magnesium		973	mg/kg		687	SW846-6010B
Manganese	N	540	mg/kg		2.1	SW846-6010B
Mercury	B	0.097	mg/kg		0.046	SW846-7471A
Molybdenum	B	0.41	mg/kg		5.5	SW846-6010B
Nickel	E	8.9	mg/kg		5.5	SW846-6010B
Potassium		710	mg/kg		687	SW846-6010B
Selenium	U	0.69	mg/kg		0.69	SW846-6010B
Silicon	N	311	mg/kg		68.7	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	687	mg/kg		687	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		18.7	mg/kg		6.9	SW846-6010B
Zinc		38.7	mg/kg		2.8	SW846-6010B
PPCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		27.2	%		0.1	EPA-160.3-CAWW-

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NSD2000-05 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120019

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8720	mg/kg		27.1	SW846-6010B
Antimony	U	8.1	mg/kg		8.1	SW846-6010B
Arsenic		3.1	mg/kg		1.4	SW846-6010B
Barium		86.8	mg/kg		27.1	SW846-6010B
Beryllium	B	0.44	mg/kg		0.68	SW846-6010B
Boron	U	27.1	mg/kg		27.1	SW846-6010B
Cadmium	B	0.28	mg/kg		0.68	SW846-6010B
Calcium		2010	mg/kg		678	SW846-6010B
Chromium	E	10.9	mg/kg		1.4	SW846-6010B
Cobalt	B	4.7	mg/kg		6.8	SW846-6010B
Copper		10.1	mg/kg		3.4	SW846-6010B
Iron	N	11000	mg/kg		13.6	SW846-6010B
Lead		8.9	mg/kg		0.41	SW846-6010B
Magnesium		1050	mg/kg		678	SW846-6010B
Manganese	N	230	mg/kg		2	SW846-6010B
Mercury	B	0.062	mg/kg		0.045	SW846-7471A
Molybdenum	B	0.29	mg/kg		5.4	SW846-6010B
Nickel	E	8.2	mg/kg		5.4	SW846-6010B
Potassium		738	mg/kg		678	SW846-6010B
Selenium	U	0.68	mg/kg		0.68	SW846-6010B
Silicon	N	325	mg/kg		67.8	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	678	mg/kg		678	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		19.2	mg/kg		6.8	SW846-6010B
Zinc		24.1	mg/kg		2.7	SW846-6010B
PCCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		26.2	%		0.1	EPA-160.3-CAWW-

Paducah-OREIS Data Report

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NSD2000-06 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120014

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8090	mg/kg		26.1	SW846-6010B
Antimony	U	7.8	mg/kg		7.8	SW846-6010B
Arsenic		8.6	mg/kg		1.3	SW846-6010B
Barium		153	mg/kg		26.1	SW846-6010B
Beryllium		0.69	mg/kg		0.65	SW846-6010B
Boron	U	26.1	mg/kg		26.1	SW846-6010B
Cadmium	B	0.45	mg/kg		0.65	SW846-6010B
Calcium		1520	mg/kg		653	SW846-6010B
Chromium	E	11.8	mg/kg		1.3	SW846-6010B
Cobalt		9.8	mg/kg		6.5	SW846-6010B
Copper		9	mg/kg		3.3	SW846-6010B
Iron	N	14100	mg/kg		13.1	SW846-6010B
Lead		20	mg/kg		0.39	SW846-6010B
Magnesium		1110	mg/kg		653	SW846-6010B
Manganese	N	1900	mg/kg		2	SW846-6010B
Mercury	B	0.094	mg/kg		0.044	SW846-7471A
Molybdenum	B	0.48	mg/kg		5.2	SW846-6010B
Nickel	E	11.7	mg/kg		5.2	SW846-6010B
Potassium	B	578	mg/kg		653	SW846-6010B
Selenium	U	0.65	mg/kg		0.65	SW846-6010B
Silicon	N	212	mg/kg		65.3	SW846-6010B
Silver	U	1.3	mg/kg		1.3	SW846-6010B
Sodium	U	653	mg/kg		653	SW846-6010B
Thallium	U	1.3	mg/kg		1.3	SW846-6010B
Vanadium		22.6	mg/kg		6.5	SW846-6010B
Zinc		33.8	mg/kg		2.6	SW846-6010B
PCCB						
PCB-1016	U	0.043	mg/kg		0.043	SW846-8082
PCB-1221	U	0.043	mg/kg		0.043	SW846-8082
PCB-1232	U	0.043	mg/kg		0.043	SW846-8082
PCB-1242	U	0.043	mg/kg		0.043	SW846-8082
PCB-1248	U	0.043	mg/kg		0.043	SW846-8082
PCB-1254	U	0.043	mg/kg		0.043	SW846-8082
PCB-1260	U	0.043	mg/kg		0.043	SW846-8082
PCB-1262	U	0.043	mg/kg		0.043	SW846-8082
PCB-1268	U	0.043	mg/kg		0.043	SW846-8082
WETCHEM						
Percent Moisture		23.4	%		0.1	EPA-160.3-CAWW-

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NSD2000-07 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120016

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	9910	mg/kg		27	SW846-6010B
Antimony	U	8.1	mg/kg		8.1	SW846-6010B
Arsenic		6	mg/kg		1.4	SW846-6010B
Barium		128	mg/kg		27	SW846-6010B
Beryllium		0.7	mg/kg		0.67	SW846-6010B
Boron	U	27	mg/kg		27	SW846-6010B
Cadmium	B	0.47	mg/kg		0.67	SW846-6010B
Calcium		2130	mg/kg		674	SW846-6010B
Chromium	E	10.9	mg/kg		1.4	SW846-6010B
Cobalt	B	6.2	mg/kg		6.7	SW846-6010B
Copper		10.4	mg/kg		3.4	SW846-6010B
Iron	N	12300	mg/kg		13.5	SW846-6010B
Lead		19.1	mg/kg		0.4	SW846-6010B
Magnesium		1270	mg/kg		674	SW846-6010B
Manganese	N	905	mg/kg		2	SW846-6010B
Mercury	B	0.087	mg/kg		0.045	SW846-7471A
Molybdenum	B	0.46	mg/kg		5.4	SW846-6010B
Nickel	E	12.7	mg/kg		5.4	SW846-6010B
Potassium	B	443	mg/kg		674	SW846-6010B
Selenium	U	0.67	mg/kg		0.67	SW846-6010B
Silicon	N	283	mg/kg		67.4	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	674	mg/kg		674	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		20.8	mg/kg		6.7	SW846-6010B
Zinc		42.1	mg/kg		2.7	SW846-6010B
PCCB						
PCB-1016	U	0.044	mg/kg		0.044	SW846-8082
PCB-1221	U	0.044	mg/kg		0.044	SW846-8082
PCB-1232	U	0.044	mg/kg		0.044	SW846-8082
PCB-1242	U	0.044	mg/kg		0.044	SW846-8082
PCB-1248	U	0.044	mg/kg		0.044	SW846-8082
PCB-1254	U	0.044	mg/kg		0.044	SW846-8082
PCB-1260	U	0.044	mg/kg		0.044	SW846-8082
PCB-1262	U	0.044	mg/kg		0.044	SW846-8082
PCB-1268	U	0.044	mg/kg		0.044	SW846-8082
WETCHEM						
Percent Moisture		25.8	%		0.1	EPA-160.3-CAWW-

NSD2000-08 bank

ERI01-NS-SCRN2-A AIP Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch
120018

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	13400	mg/kg		27.4	SW846-6010B
Antimony	U	8.2	mg/kg		8.2	SW846-6010B
Arsenic		4	mg/kg		1.4	SW846-6010B
Barium		103	mg/kg		27.4	SW846-6010B
Beryllium	B	0.66	mg/kg		0.69	SW846-6010B
Boron	U	27.4	mg/kg		27.4	SW846-6010B
Cadmium	B	0.39	mg/kg		0.69	SW846-6010B
Calcium		2180	mg/kg		685	SW846-6010B
Chromium	E	15.7	mg/kg		1.4	SW846-6010B
Cobalt	B	3.9	mg/kg		6.9	SW846-6010B
Copper		13	mg/kg		3.4	SW846-6010B
Iron	N	13700	mg/kg		13.7	SW846-6010B
Lead		16.6	mg/kg		0.41	SW846-6010B
Magnesium		1490	mg/kg		685	SW846-6010B
Manganese	N	255	mg/kg		2.1	SW846-6010B
Mercury	B	0.1	mg/kg		0.046	SW846-7471A
Molybdenum	B	0.38	mg/kg		5.5	SW846-6010B
Nickel	E	11.8	mg/kg		5.5	SW846-6010B
Potassium		804	mg/kg		685	SW846-6010B
Selenium	U	0.69	mg/kg		0.69	SW846-6010B
Silicon	N	282	mg/kg		68.5	SW846-6010B
Silver	U	1.4	mg/kg		1.4	SW846-6010B
Sodium	U	685	mg/kg		685	SW846-6010B
Thallium	U	1.4	mg/kg		1.4	SW846-6010B
Vanadium		24.5	mg/kg		6.9	SW846-6010B
Zinc		50	mg/kg		2.7	SW846-6010B
PCCB						
PCB-1016	U	0.045	mg/kg		0.045	SW846-8082
PCB-1221	U	0.045	mg/kg		0.045	SW846-8082
PCB-1232	U	0.045	mg/kg		0.045	SW846-8082
PCB-1242	U	0.045	mg/kg		0.045	SW846-8082
PCB-1248	U	0.045	mg/kg		0.045	SW846-8082
PCB-1254	U	0.045	mg/kg		0.045	SW846-8082
PCB-1260	U	0.045	mg/kg		0.045	SW846-8082
PCB-1262	U	0.045	mg/kg		0.045	SW846-8082
PCB-1268	U	0.045	mg/kg		0.045	SW846-8082
WETCHEM						
Percent Moisture		27	%		0.1	EPA-160.3-CAWW-

SEC3A-5SO

ERI01-NS-SCRN2-K (YRAD Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch) 2000-6940

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	U	0.01702	pCi/g	0.0311	0.0489	NS
Neptunium-237/Protactinium-233	U	-0.0041	pCi/g	0.0360	0.0607	NS
Plutonium-238	U	8.7E-10	pCi/g	0.0116	0.0246	NS
Plutonium-239/240	U	0.00734	pCi/g	0.0074	0.0055	NS
Protactinium-234m	U	0.8373	pCi/g	2.537	4.239	NS
Technetium-99		0.31	pCi/g	0.12	0.2962	NS
Thorium-234		1.748	pCi/g	0.3879	0.2947	NS
Uranium-234		0.553	pCi/g	0.0834	0.0127	NS
Uranium-235		0.03687	pCi/g	0.0178	0.0061	NS
Uranium-238		0.6514	pCi/g	0.0943	0.0158	NS

SEC3A-8SO

ERI01-NS-SCRN2-K (YRAD Limited Sampling of Outfall 008, 010, and Section 3A of N/S Ditch) 2000-6943

Collected: 12/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	U	0.02517	pCi/g	0.0346	0.0546	NS
Neptunium-237/Protactinium-233	U	-0.0106	pCi/g	0.0376	0.0631	NS
Plutonium-238	U	1.3E-09	pCi/g	0.0155	0.0337	NS
Plutonium-239/240	U	0.0137	pCi/g	0.0146	0.021	NS
Protactinium-234m	U	4.747	pCi/g	3.859	4.051	NS
Technetium-99		5.54	pCi/g	0.17	0.3744	NS
Thorium-234		5.334	pCi/g	0.3944	0.3611	NS
Uranium-234		2.279	pCi/g	0.2884	0.0055	NS
Uranium-235		0.1218	pCi/g	0.0359	0.0068	NS
Uranium-238		2.541	pCi/g	0.318	0.0139	NS

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

WC01-317

Collected: 4/26/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic		6.15	mg/kg		5	SW846-7060
Barium	*N	79.8	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	6870	mg/kg		200	SW846-6010A
Chromium		81	mg/kg		2.5	SW846-6010A
Cobalt	*N	4.66	mg/kg		2.5	SW846-6010A
Copper		134	mg/kg		2.5	SW846-6010A
Iron	*NW	11100	mg/kg		20	SW846-6010A
Lead	N	32.2	mg/kg		20	SW846-6010A
Lithium		8.75	mg/kg		5	SW846-6010A
Magnesium	*N	1380	mg/kg		2.5	SW846-6010A
Manganese	*N	167	mg/kg		2.5	SW846-6010A
Mercury	W	0.28	mg/kg		0.2	SW846-7471
Nickel		99.6	mg/kg		5	SW846-6010A
Selenium	NUW	1	mg/kg		1	SW846-7740
Silver		8.66	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	X	164	mg/kg		100	SW846-6010A
Vanadium		28.2	mg/kg		2.5	SW846-6010A
Zinc	*N	138	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254		0.6	mg/kg		0.06	SW846-8082
PCB-1260		0.5	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		1.1	mg/kg		0.09	SW846-8082
RADS						
Activity of U-235		0.683	pCi/g	0.0439	0.0477	RL-7124
Americium-241		0.883	pCi/g	0.169	0.163	RL-7124
Cesium-134	U	0.00933	pCi/g	0.0187	0.0284	RL-7124
Cesium-137		1.04	pCi/g	0.0568	0.0277	RL-7124
Cobalt-60	U	0.0069	pCi/g	0.0138	0.0307	RL-7124
Neptunium-237		1.22	pCi/g	0.0611	0.0554	RL-7124
Plutonium-238	U	0.0474	pCi/g	0.0354	0.254	RL-7120
Plutonium-239/240		3.05	pCi/g	0.146	0.0646	RL-7120
Technetium-99		34.6	pCi/g	3.17	3.01	RL-7116
Thorium-228		0.599	pCi/g	0.0748	0.106	RL-7120
Thorium-230		46.9	pCi/g	0.65	0.196	RL-7120
Thorium-232		0.663	pCi/g	0.0792	0.115	RL-7120
Uranium	J	26	pCi/g	3.11	1.85	RL-7124
Uranium-234	J	11	pCi/g	2.23	0.779	RL-7124

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Uranium-235		0.735	wt %	0.0607		RL-7124
Uranium-238	J	14.4	pCi/g	1.45	1.02	RL-7124
SVOA						
1,2,4-Trichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
1,3-Dichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
1,4-Dichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
2,4,5-Trichlorophenol	JU	0.49	mg/kg		0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg		0.49	SW846-8270
2,4-Dichlorophenol	JU	0.49	mg/kg		0.49	SW846-8270
2,4-Dimethylphenol	JU	0.49	mg/kg		0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg		0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg		0.49	SW846-8270
2,6-Dinitrotoluene	JU	0.49	mg/kg		0.49	SW846-8270
2-Chloronaphthalene	JU	0.49	mg/kg		0.49	SW846-8270
2-Chlorophenol	JU	0.49	mg/kg		0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.49	mg/kg		0.49	SW846-8270
2-Methylnaphthalene	JU	0.49	mg/kg		0.49	SW846-8270
2-Methylphenol	JU	0.49	mg/kg		0.49	SW846-8270
2-Nitrobenzenamine	JU	0.49	mg/kg		0.49	SW846-8270
2-Nitrophenol	JU	0.49	mg/kg		0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg		0.49	SW846-8270
3-Nitrobenzenamine	JU	0.49	mg/kg		0.49	SW846-8270
4-Bromophenyl phenyl ether	JU	0.49	mg/kg		0.49	SW846-8270
4-Chloro-3-methylphenol	JU	0.49	mg/kg		0.49	SW846-8270
4-Chlorobenzenamine	JU	0.49	mg/kg		0.49	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.49	mg/kg		0.49	SW846-8270
4-Methylphenol	JU	0.49	mg/kg		0.49	SW846-8270
4-Nitrobenzenamine	JU	0.49	mg/kg		0.49	SW846-8270
4-Nitrophenol	JU	0.49	mg/kg		0.49	SW846-8270
Acenaphthene	JU	0.49	mg/kg		0.49	SW846-8270
Acenaphthylene	JU	0.49	mg/kg		0.49	SW846-8270
Anthracene	JU	0.49	mg/kg		0.49	SW846-8270
Benz(a)anthracene	JU	0.49	mg/kg		0.49	SW846-8270
Benzo(a)pyrene	JU	0.49	mg/kg		0.49	SW846-8270
Benzo(b)fluoranthene	JU	0.49	mg/kg		0.49	SW846-8270
Benzo(ghi)perylene	JU	0.49	mg/kg		0.49	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.49	mg/kg		0.49	SW846-8270
Bis(2-chloroethyl) ether	JU	0.49	mg/kg		0.49	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.49	mg/kg		0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.49	mg/kg		0.49	SW846-8270
Butyl benzyl phthalate	JU	0.49	mg/kg		0.49	SW846-8270
Carbazole	JU	0.49	mg/kg		0.49	SW846-8270
Chrysene	JU	0.49	mg/kg		0.49	SW846-8270
Di-n-octylphthalate	JU	0.49	mg/kg		0.49	SW846-8270
Fluorene	JU	0.49	mg/kg		0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg		0.49	SW846-8270
Hexachloroethane	JU	0.49	mg/kg		0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.49	mg/kg		0.49	SW846-8270
Isophorone	JU	0.49	mg/kg		0.49	SW846-8270
Naphthalene	JU	0.49	mg/kg		0.49	SW846-8270
Nitrobenzene	JU	0.49	mg/kg		0.49	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.49	mg/kg		0.49	SW846-8270
N-Nitrosodiphenylamine	JU	0.49	mg/kg		0.49	SW846-8270
Pentachlorophenol	JU	0.49	mg/kg		0.49	SW846-8270

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Phenanthrene	JU	0.49	mg/kg	0.49	SW846-8270
Phenol	JU	0.49	mg/kg	0.49	SW846-8270
Pyrene	JUX	0.49	mg/kg	0.49	SW846-8270
Pyridine	JU	0.49	mg/kg	0.49	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

WC01-318

Collected: 4/26/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic		5.52	mg/kg		5	SW846-7060
Barium	*N	82.3	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	5330	mg/kg		200	SW846-6010A
Chromium		120	mg/kg		2.5	SW846-6010A
Cobalt	*N	4.48	mg/kg		2.5	SW846-6010A
Copper		135	mg/kg		2.5	SW846-6010A
Iron	*NW	11000	mg/kg		20	SW846-6010A
Lead	N	34.8	mg/kg		20	SW846-6010A
Lithium		8.37	mg/kg		5	SW846-6010A
Magnesium	*N	1260	mg/kg		2.5	SW846-6010A
Manganese	*N	169	mg/kg		2.5	SW846-6010A
Mercury	W	0.47	mg/kg		0.2	SW846-7471
Nickel		101	mg/kg		5	SW846-6010A
Selenium	NUW	1	mg/kg		1	SW846-7740
Silver		19.6	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	X	234	mg/kg		100	SW846-6010A
Vanadium		27.7	mg/kg		2.5	SW846-6010A
Zinc	*N	130	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254		0.9	mg/kg		0.06	SW846-8082
PCB-1260		0.5	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		1.4	mg/kg		0.09	SW846-8082
RADS						
Activity of U-235		0.157	pCi/g	0.0216	0.0319	RL-7124
Americium-241		0.22	pCi/g	0.0767	0.0954	RL-7124
Cesium-134	U	0.00196	pCi/g	0.0039	0.0198	RL-7124
Cesium-137		0.374	pCi/g	0.0349	0.0267	RL-7124
Cobalt-60	U	0.00224	pCi/g	0.0045	0.0223	RL-7124
Neptunium-237		0.377	pCi/g	0.0365	0.0382	RL-7124
Plutonium-238	U	0.179	pCi/g	0.0395	0.253	RL-7120
Plutonium-239/240		10.1	pCi/g	0.225	0.0633	RL-7120
Technetium-99		153	pCi/g	5.53	3.01	RL-7116
Thorium-228		1.92	pCi/g	0.119	0.105	RL-7120
Thorium-230		193	pCi/g	1.18	0.194	RL-7120
Thorium-232		2.16	pCi/g	0.126	0.114	RL-7120
Uranium	J	5.84	pCi/g	1.41	0.998	RL-7124
Uranium-234	J	2.54	pCi/g	1.28	0.432	RL-7124

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Uranium-235		0.769	wt %	0.17		RL-7124
Uranium-238	J	3.14	pCi/g	0.623	0.534	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg		0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg		0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg		0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg		0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg		0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg		0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg		0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg		0.48	SW846-8270
3-Nitrobenzenamine	JU	0.48	mg/kg		0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg		0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg		0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg		0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg		0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg		0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg		0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg		0.48	SW846-8270
Anthracene	U	0.48	mg/kg		0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg		0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg		0.48	SW846-8270
Carbazole	U	0.48	mg/kg		0.48	SW846-8270
Chrysene	U	0.48	mg/kg		0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg		0.48	SW846-8270
Fluorene	U	0.48	mg/kg		0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg		0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg		0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg		0.48	SW846-8270
Isophorone	U	0.48	mg/kg		0.48	SW846-8270
Naphthalene	U	0.48	mg/kg		0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg		0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg		0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg		0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg		0.48	SW846-8270

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	U	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

WC01-319

Collected: 4/26/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8760	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	87.3	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1980	mg/kg		200	SW846-6010A
Chromium		11.5	mg/kg		2.5	SW846-6010A
Cobalt	*N	9.72	mg/kg		2.5	SW846-6010A
Copper		7.31	mg/kg		2.5	SW846-6010A
Iron	*NW	6720	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		7.41	mg/kg		5	SW846-6010A
Magnesium	*N	785	mg/kg		2.5	SW846-6010A
Manganese	*N	572	mg/kg		2.5	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		12.8	mg/kg		5	SW846-6010A
Selenium	NUW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		19.8	mg/kg		2.5	SW846-6010A
Zinc	*N	16.8	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0808	pCi/g	0.0152	0.0244	RL-7124
Americium-241	U	0.0357	pCi/g	0.0713	0.0736	RL-7124
Cesium-134	U	0.00301	pCi/g	0.0060	0.018	RL-7124
Cesium-137		0.083	pCi/g	0.0214	0.0211	RL-7124
Cobalt-60	U	0.0013	pCi/g	0.0026	0.0208	RL-7124
Neptunium-237		0.113	pCi/g	0.0186	0.0336	RL-7124
Plutonium-238	U	-0.0611	pCi/g	0.0243	0.253	RL-7120
Plutonium-239/240		0.164	pCi/g	0.0334	0.0706	RL-7120
Technetium-99		12.6	pCi/g	3.31	4.2	RL-7116
Thorium-228		0.505	pCi/g	0.0618	0.092	RL-7120
Thorium-230		5.33	pCi/g	0.199	0.191	RL-7120
Thorium-232		0.482	pCi/g	0.0601	0.112	RL-7120
Uranium	JU	2.79	pCi/g	1.45	1	RL-7124
Uranium-234	JU	1.36	pCi/g	1.98	0.491	RL-7124

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Uranium-235		0.922	wt %	0.625		RL-7124
Uranium-238	J	1.35	pCi/g	0.655	0.487	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg		0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg		0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg		0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg		0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg		0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg		0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg		0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg		0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg		0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg		0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg		0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg		0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg		0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg		0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg		0.49	SW846-8270
3-Nitrobenzenamine	JU	0.49	mg/kg		0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg		0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg		0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg		0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg		0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg		0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg		0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg		0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg		0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg		0.49	SW846-8270
Anthracene	U	0.49	mg/kg		0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg		0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg		0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg		0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg		0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg		0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg		0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg		0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg		0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg		0.49	SW846-8270
Carbazole	U	0.49	mg/kg		0.49	SW846-8270
Chrysene	U	0.49	mg/kg		0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg		0.49	SW846-8270
Fluorene	U	0.49	mg/kg		0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg		0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg		0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg		0.49	SW846-8270
Isophorone	U	0.49	mg/kg		0.49	SW846-8270
Naphthalene	U	0.49	mg/kg		0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg		0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg		0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg		0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg		0.49	SW846-8270

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Phenanthrene	U	0.49	mg/kg	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0.49	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

WC01-320

Collected: 4/26/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7580	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	67.8	mg/kg		2.5	SW846-6010A
Beryllium		0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1860	mg/kg		200	SW846-6010A
Chromium		12	mg/kg		2.5	SW846-6010A
Cobalt	*NU	2.5	mg/kg		2.5	SW846-6010A
Copper		7.78	mg/kg		2.5	SW846-6010A
Iron	*NW	7570	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		6.44	mg/kg		5	SW846-6010A
Magnesium	*N	819	mg/kg		2.5	SW846-6010A
Manganese	*N	59	mg/kg		2.5	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		7.78	mg/kg		5	SW846-6010A
Selenium	NUW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		22.2	mg/kg		2.5	SW846-6010A
Zinc	*N	17.1	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0601	pCi/g	0.0143	0.0263	RL-7124
Americium-241	U	-0.0144	pCi/g	0.0289	0.0719	RL-7124
Cesium-134	U	0.0115	pCi/g	0.023	0.018	RL-7124
Cesium-137		0.0473	pCi/g	0.019	0.0205	RL-7124
Cobalt-60	U	-0.0073	pCi/g	0.0146	0.0218	RL-7124
Neptunium-237		0.0622	pCi/g	0.015	0.0322	RL-7124
Plutonium-238	U	-0.0386	pCi/g	0.0286	0.253	RL-7120
Plutonium-239/240		0.277	pCi/g	0.0451	0.0716	RL-7120
Technetium-99		11.2	pCi/g	3.26	4.2	RL-7116
Thorium-228		0.409	pCi/g	0.0536	0.0923	RL-7120
Thorium-230		9.57	pCi/g	0.256	0.191	RL-7120
Thorium-232		0.429	pCi/g	0.055	0.112	RL-7120
Uranium	JU	1.98	pCi/g	1.2	0.932	RL-7124
Uranium-234	JU	1.04	pCi/g	1.55	0.492	RL-7124

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Uranium-235		1.05	wt %	0.714		RL-7124
Uranium-238	J	0.879	pCi/g	0.488	0.415	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg		0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg		0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg		0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg		0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg		0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg		0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg		0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg		0.48	SW846-8270
3-Nitrobenzenamine	JU	0.48	mg/kg		0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg		0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg		0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg		0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg		0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg		0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg		0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg		0.48	SW846-8270
Anthracene	U	0.48	mg/kg		0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg		0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg		0.48	SW846-8270
Carbazole	U	0.48	mg/kg		0.48	SW846-8270
Chrysene	U	0.48	mg/kg		0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg		0.48	SW846-8270
Fluorene	U	0.48	mg/kg		0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg		0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg		0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg		0.48	SW846-8270
Isophorone	U	0.48	mg/kg		0.48	SW846-8270
Naphthalene	U	0.48	mg/kg		0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg		0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg		0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg		0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg		0.48	SW846-8270

NSD030

ERI01-NS-SEC3

NSDD Characterization of Section 3 ERI01-NS-SEC3

Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	U	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260

TP-3A

ERI98-698W22

WAG 22 Additional Sampling

TP03S1-06

Collected: 6/18/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		15	pCi/g	1		RL-7124
Uranium-234		6.7	pCi/g	0.5		RL-7124
Uranium-235		0.64	wt %	0.1		RL-7124
Uranium-238		8.4	pCi/g	0.6		RL-7124

TP03S1-08

Collected: 6/18/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		3.2	pCi/g	0.6		RL-7124
Uranium-234		1.4	pCi/g	0.3		RL-7124
Uranium-235		0.67	wt %	0.57		RL-7124
Uranium-238		1.7	pCi/g	0.3		RL-7124

TP03S1-10

Collected: 6/18/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		4.9	pCi/g	1		RL-7124
Uranium-234		2.3	pCi/g	0.5		RL-7124
Uranium-235		0.73	wt %	0.62		RL-7124
Uranium-238		2.4	pCi/g	0.5		RL-7124

TP03S1-12

Collected: 6/23/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		2.6	pCi/g	0.4		RL-7124
Uranium-234		1.1	pCi/g	0.2		RL-7124
Uranium-235		0.64	wt %	0.54		RL-7124
Uranium-238		1.4	pCi/g	0.2		RL-7124

WBP-12A

ERI98-698W22

WAG 22 Additional Sampling

WBP12S1-08

Collected: 6/17/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		192	pCi/g	3		RL-7124
Uranium-234		39.4	pCi/g	0.6		RL-7124
Uranium-235		0.31	wt %	0.05		RL-7124
Uranium-238		150	pCi/g	2		RL-7124

WBP-13A

ERI98-698W22

WAG 22 Additional Sampling

WBP13S1-06

Collected: 6/17/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		2.7	pCi/g	0.4		RL-7124
Uranium-234		0.9	pCi/g	0.1		RL-7124
Uranium-235		0.44	wt %	0.37		RL-7124
Uranium-238		1.8	pCi/g	0.2		RL-7124

WBP13S1-09

Collected: 6/23/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		2.3	pCi/g	0.6		RL-7124
Uranium-234		0.7	pCi/g	0.2		RL-7124
Uranium-235		0.46	wt %	0.38		RL-7124
Uranium-238		1.5	pCi/g	0.4		RL-7124

WBP-1A

ERI98-698W22

WAG 22 Additional Sampling

WBP01S1-09

Collected: 6/16/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		34	pCi/g	8		RL-7124
Uranium-234		8.1	pCi/g	0.2		RL-7124
Uranium-235		0.35	wt %	0.06		RL-7124
Uranium-238		25.3	pCi/g	0.8		RL-7124

WBP-4A

ERI98-698W22

WAG 22 Additional Sampling

WBP04S1-08

Collected: 6/16/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		59	pCi/g	1		RL-7124
Uranium-234		20.6	pCi/g	0.5		RL-7124
Uranium-235		0.49	wt %	0.08		RL-7124
Uranium-238		37.4	pCi/g	0.9		RL-7124

WBP-9A

ERI98-698W22

WAG 22 Additional Sampling

WBP09S1-10

Collected: 6/18/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		223	pCi/g	3		RL-7124
Uranium-234		105	pCi/g	1		RL-7124
Uranium-235		0.73	wt %	0.12		RL-7124
Uranium-238		112	pCi/g	1		RL-7124

WBP09S2-10

Collected: 6/18/1998

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Uranium		240	pCi/g	3		RL-7124
Uranium-234		115	pCi/g	1		RL-7124
Uranium-235		0.74	wt %	0.12		RL-7124
Uranium-238		119	pCi/g	2		RL-7124

Paducah-OREIS Data Report

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12/18/2007

004-001

ERI99-W3-4

WAG 3 - SWMU 4

004001SA001

Collected: 9/23/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.57	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	12900	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.97	mg/kg		5	SW846-7060
Barium		148	mg/kg		1	SW846-6010A
Beryllium		0.68	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		3530	mg/kg		50	SW846-6010A
Chromium		16.3	mg/kg		2	SW846-6010A
Cobalt		7.54	mg/kg		1	SW846-6010A
Copper		19.5	mg/kg		2	SW846-6010A
Iron	*NW	17600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1900	mg/kg		15	SW846-6010A
Manganese		1300	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		28	mg/kg		5	SW846-6010A
Potassium	*N	943	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.2	mg/kg		2	SW846-6010A
Zinc		72.5	mg/kg		15	SW846-6010A
PHYSC						
pH		7.6	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1221	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	J	0.087	mg/kg		0.119	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		48	pCi/g	9.6	9.2	SW846-9310
Americium-241	A	6.7	pCi/g	0	6.7	DNT
Americium-241	AX	0.102	pCi/g	0.205	0.226	RL-7124
Beta activity		67.5	pCi/g	5.6	5.5	SW846-9310

004-001

ERI99-W3-4

WAG 3 - SWMU 4

Cesium-137	A	0.78	pCi/g	0	0.78	DNT
Cobalt-60	A	1.1	pCi/g	0	1.1	DNT
Neptunium-237		0.167	pCi/g	0.334	0.112	RL-7124
Plutonium-239/240		0.0644	pCi/g	0.0229	0.0501	RL-7120
Protactinium-234m	A	500	pCi/g	0	500	DNT
Radium-226		1.68	pCi/g	3.35	0.608	RL-7124
Thorium-234		20.3	pCi/g	0.922	0.895	RL-7124
Thorium-234		29	pCi/g	23	22	DNT
Uranium		35.9	pCi/g	7.94	2.84	RL-7124
Uranium-234		12.8	pCi/g	2.83	1.01	RL-7124
Uranium-235		0.428	wt %			AS7300
Uranium-235	A	7.9	pCi/g	0	7.9	DNT
Uranium-235		0.5	wt %	0.04		RL-7124
Uranium-238		22.3	pCi/g	2.56	1.76	RL-7124

SVOA

1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.34 mg/kg	0.34	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.34 mg/kg	0.34	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260

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ERI99-W3-4

WAG 3 - SWMU 4

trans-1,2-Dichloroethene	U	0.34	mg/kg	0.34	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.34	mg/kg	0.34	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.34	mg/kg	0.34	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014
Moisture		20.9	%		ASTM-D2216-92
Total Organic Carbon (TOC)		5900	mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

004-002

ERI99-W3-4

WAG 3 - SWMU 4

004002SA001

Collected: 9/23/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.64	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	10600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		90.8	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		4820	mg/kg		50	SW846-6010A
Chromium		15.4	mg/kg		2	SW846-6010A
Cobalt		4.95	mg/kg		1	SW846-6010A
Copper		11.5	mg/kg		2	SW846-6010A
Iron	*NW	11300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1310	mg/kg		15	SW846-6010A
Manganese		121	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.9	mg/kg		5	SW846-6010A
Potassium	*N	634	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		203	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22.7	mg/kg		2	SW846-6010A
Zinc		48.2	mg/kg		15	SW846-6010A
PHYSC						
pH		7.81	none			SW846-9045
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260		0.115	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		47	pCi/g	9.3	8.5	SW846-9310
Americium-241	AX	0.0967	pCi/g	0.193	0.207	RL-7124
Americium-241	A	9.7	pCi/g	0	9.7	DNT
Beta activity		53.4	pCi/g	5.2	5.5	SW846-9310
Cesium-137	A	2.3	pCi/g	0	2.3	DNT
Cobalt-60	A	1	pCi/g	0	1	DNT
Neptunium-237		0.0954	pCi/g	0.191	0.0929	RL-7124
Plutonium-239/240	A	0.0236	pCi/g	0.0178	0.05	RL-7120
Protactinium-234m	A	490	pCi/g	0	490	DNT
Radium-226		1.94	pCi/g	3.87	0.648	RL-7124
Technetium-99	A	2.83	pCi/g	4.82	6.94	RL-7116
Thorium-234		16	pCi/g	0.952	0.782	RL-7124
Thorium-234		24	pCi/g	20	22	DNT

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WAG 3 - SWMU 4

Uranium		25.8	pCi/g	6.23	2.56	RL-7124
Uranium-234		7.88	pCi/g	1.9	0.778	RL-7124
Uranium-235	A	7	pCi/g	0	7	DNT
Uranium-235		0.386	wt %			AS7300
Uranium-235		0.43	wt %	0.36		RL-7124
Uranium-238		17.5	pCi/g	2.44	1.72	RL-7124

SVOA

1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.46	mg/kg		0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg		0.46	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.46	mg/kg		0.46	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.46	mg/kg		0.46	SW846-8270
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.46	mg/kg		0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg		0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.46	mg/kg		0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.46	mg/kg		0.46	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg		0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

4-Methylphenol	U	0.46 mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.46 mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46 mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.46 mg/kg	0.46	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.46 mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.46 mg/kg	0.46	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.46 mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.46 mg/kg	0.46	SW846-8270
Carbazole	U	0.46 mg/kg	0.46	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.46 mg/kg	0.46	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.46 mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.46 mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.46 mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.46 mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	1.2 mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.46 mg/kg	0.46	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.46 mg/kg	0.46	SW846-8270
Fluorene	U	0.46 mg/kg	0.46	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.46 mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46 mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.46 mg/kg	0.46	SW846-8270

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WAG 3 - SWMU 4

Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.316	mg/kg	0.316	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.316	mg/kg	0.316	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260

004-002

ERI99-W3-4

WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.316 mg/kg	0.316	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.316 mg/kg	0.316	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.316 mg/kg	0.316	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		12.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)		7400 mg/kg	300	XP4-TS-OA7031

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004-003

ERI99-W3-4

WAG 3 - SWMU 4

004003SA001

Collected: 9/22/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9810	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		111	mg/kg		1	SW846-6010A
Beryllium		0.53	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2120	mg/kg		50	SW846-6010A
Chromium		11.5	mg/kg		2	SW846-6010A
Cobalt		3.27	mg/kg		1	SW846-6010A
Copper		8.93	mg/kg		2	SW846-6010A
Iron	*NW	8400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1020	mg/kg		15	SW846-6010A
Manganese		49.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.04	mg/kg		5	SW846-6010A
Potassium	*N	494	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17	mg/kg		2	SW846-6010A
Zinc		39.6	mg/kg		15	SW846-6010A
PHYSC						
pH		7.27	none			SW846-9045
PCCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	J	0.041	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		46	pCi/g	9	8.6	SW846-9310
Alpha activity		33.49	pCi/g	3.07	1.42	RL-7111
Americium-241	A	0.0101	pCi/g	0.0202	0.217	RL-7124
Americium-241	A	8.2	pCi/g	0	8.2	DNT
Beta activity		56	pCi/g	4.8	4.8	SW846-9310
Beta activity	X	40	pCi/g	2	1.77	RL-7111
Cesium-137	A	0.68	pCi/g	0	0.68	DNT
Cobalt-60	A	0.93	pCi/g	0	0.93	DNT
Neptunium-237	A	0.0179	pCi/g	0.0359	0.0803	RL-7124
Plutonium-239/240	A	0.0165	pCi/g	0.0185	0.0508	RL-7120
Protactinium-234m	A	120	pCi/g	0	120	DNT
Radium-226		2.07	pCi/g	4.13	0.643	RL-7124
Technetium-99	A	4.13	pCi/g	4.97	6.94	RL-7116
Thorium-234		37	pCi/g	21	22	DNT
Thorium-234		20	pCi/g	40	1.99	RL-7124

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ERI99-W3-4

WAG 3 - SWMU 4

Uranium		26.4	pCi/g	6.6	2.44	RL-7124
Uranium-234		6.59	pCi/g	1.65	0.605	RL-7124
Uranium-235		0.314	wt %			AS7300
Uranium-235		0.36	wt %	0.03		RL-7124
Uranium-235	A	6.2	pCi/g	0	6.2	DNT
Uranium-238		19.3	pCi/g	2.72	1.77	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.266 mg/kg	0.266	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.266 mg/kg	0.266	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.266 mg/kg	0.266	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.266 mg/kg	0.266	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.266 mg/kg	0.266	SW846-8021 M

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004-003

ERI99-W3-4

WAG 3 - SWMU 4

Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014
Total Organic Carbon (TOC)		3400	mg/kg	300	XP4-TS-OA7031

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004-004

ERI99-W3-4

WAG 3 - SWMU 4

004004SA001

Collected: 9/23/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.7	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	10700	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		83.8	mg/kg		1	SW846-6010A
Beryllium		0.51	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1790	mg/kg		50	SW846-6010A
Chromium		15.1	mg/kg		2	SW846-6010A
Cobalt		6.86	mg/kg		1	SW846-6010A
Copper		17.5	mg/kg		2	SW846-6010A
Iron	*NW	14700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1550	mg/kg		15	SW846-6010A
Manganese		433	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		16.1	mg/kg		5	SW846-6010A
Potassium	*N	704	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.3	mg/kg		2	SW846-6010A
Zinc		46.3	mg/kg		15	SW846-6010A
PHYSC						
pH		6.6	none			SW846-9045
PPCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	J	0.061	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		58	pCi/g	11	9.7	SW846-9310
Americium-241	A	4.9	pCi/g	0	4.9	DNT
Americium-241	AX	0.0257	pCi/g	0.0514	0.187	RL-7124
Beta activity		60.1	pCi/g	6.3	6.9	SW846-9310
Cesium-137	A	0.52	pCi/g	0	0.52	DNT
Cobalt-60	A	0.71	pCi/g	0	0.71	DNT
Neptunium-237		0.0895	pCi/g	0.179	0.0871	RL-7124
Plutonium-239/240	A	0.0482	pCi/g	0.0219	0.0502	RL-7120
Protactinium-234m	A	94	pCi/g	0	94	DNT
Radium-226		1.25	pCi/g	2.5	0.511	RL-7124
Technetium-99	A	1.79	pCi/g	4.89	6.94	RL-7116
Thorium-234		14.8	pCi/g	0.749	0.767	RL-7124
Thorium-234	A	15	pCi/g	14	17	DNT

004-004

ERI99-W3-4

WAG 3 - SWMU 4

Uranium		23.9	pCi/g	5.69	2.13	RL-7124
Uranium-234		7.21	pCi/g	1.72	0.638	RL-7124
Uranium-235		0.42	wt %	0.04		RL-7124
Uranium-235		0.387	wt %			AS7300
Uranium-235	A	3.3	pCi/g	0	3.3	DNT
Uranium-238		16.2	pCi/g	2.01	1.43	RL-7124

SVOA

1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M

004-004

ERI99-W3-4

WAG 3 - SWMU 4

Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
Vinyl chloride	U	0.379	mg/kg	0.379	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260

WETCHEM

004-004

ERI99-W3-4

WAG 3 - SWMU 4

Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		9.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)		4600 mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

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004-005

ERI99-W3-4

WAG 3 - SWMU 4

004005SA001

Collected: 9/23/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.63	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	11200	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	13.8	mg/kg		5	SW846-7060
Barium		119	mg/kg		1	SW846-6010A
Beryllium		0.71	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2790	mg/kg		50	SW846-6010A
Chromium		32.6	mg/kg		2	SW846-6010A
Cobalt		6.16	mg/kg		1	SW846-6010A
Copper		21	mg/kg		2	SW846-6010A
Iron	*NW	41900	mg/kg		5	SW846-6010A
Lead		24.5	mg/kg		20	SW846-6010A
Magnesium		1230	mg/kg		15	SW846-6010A
Manganese		317	mg/kg		1	SW846-6010A
Mercury		0.45	mg/kg		0.2	SW846-7471
Nickel		24.1	mg/kg		5	SW846-6010A
Potassium	*N	756	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		262	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		33.3	mg/kg		2	SW846-6010A
Zinc		93.7	mg/kg		15	SW846-6010A
PHYSC						
pH		6.62	none			SW846-9045
PPCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260		0.898	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		123	pCi/g	16	16	SW846-9310
Americium-241	X	0.894	pCi/g	0.428	0.54	RL-7124
Americium-241	A	13	pCi/g	0	13	DNT
Beta activity		289	pCi/g	11	7.7	SW846-9310
Cesium-137		181	pCi/g	17	10	DNT
Cobalt-60	A	1	pCi/g	0	1	DNT
Neptunium-237	A	0.0808	pCi/g	0.162	0.419	RL-7124
Plutonium-239/240		27.1	pCi/g	0.569	0.055	RL-7120
Protactinium-234m	A	480	pCi/g	0	480	DNT
Radium-226		2.51	pCi/g	5.01	1.92	RL-7124
Technetium-99		39.3	pCi/g	6.32	6.94	RL-7116
Thorium-234		19.9	pCi/g	1.81	2.15	RL-7124
Thorium-234	A	31	pCi/g	0	31	DNT

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WAG 3 - SWMU 4

Uranium		34	pCi/g	13.3	6.87	RL-7124
Uranium-234		11.7	pCi/g	4.58	2.33	RL-7124
Uranium-235		0.21	wt %			AS7300
Uranium-235		0.48	wt %	0.04		RL-7124
Uranium-235	A	13	pCi/g	0	13	DNT
Uranium-238		21.6	pCi/g	5.11	4.28	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M

004-005

ERI99-W3-4

WAG 3 - SWMU 4

Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.508 mg/kg	0.508	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.508 mg/kg	0.508	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.508 mg/kg	0.508	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.508 mg/kg	0.508	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.508 mg/kg	0.508	SW846-8021 M

WETCHEM

004-005

ERI99-W3-4

WAG 3 - SWMU 4

Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		16.8 %		ASTM-D2216-92
Total Organic Carbon (TOC)		13000 mg/kg	300	XP4-TS-OA7031

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004-006

ERI99-W3-4

WAG 3 - SWMU 4

004006SA001

Collected: 9/2/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8580	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		95.7	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2590	mg/kg		50	SW846-6010A
Chromium		14.4	mg/kg		2	SW846-6010A
Cobalt		6.93	mg/kg		1	SW846-6010A
Copper		9.05	mg/kg		2	SW846-6010A
Iron	*BNW	14500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	1270	mg/kg		15	SW846-6010A
Manganese	*N	532	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.9	mg/kg		5	SW846-6010A
Potassium	N	524	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	320	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		23.5	mg/kg		2	SW846-6010A
Zinc		36.3	mg/kg		15	SW846-6010A
RADS						
Alpha activity		14.5	pCi/g	1.76	1.78	RL-7111
Alpha activity		22.6	pCi/g	6.9	7.7	SW846-9310
Americium-241	U	2	pCi/g	0	2	DNT
Beta activity		30.8	pCi/g	4.3	5.2	SW846-9310
Beta activity		15.13	pCi/g	0.92	0.89	RL-7111
Cesium-137	U	0.33	pCi/g	0	0.33	DNT
Cobalt-60	U	0.89	pCi/g	0	0.89	DNT
Protactinium-234m	U	23	pCi/g	0	23	DNT
Technetium-99	A	0	pCi/g	0	4.81	RL-7116
Thorium-234		7.2	pCi/g	5.1	5.3	DNT
Uranium-235	U	1.5	pCi/g	0	1.5	DNT
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

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004-007

ERI99-W3-4

WAG 3 - SWMU 4

004007SA001

Collected: 9/2/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9790	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		106	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2080	mg/kg		50	SW846-6010A
Chromium		17.6	mg/kg		2	SW846-6010A
Cobalt		6.85	mg/kg		1	SW846-6010A
Copper		30.1	mg/kg		2	SW846-6010A
Iron	*BNW	17900	mg/kg		5	SW846-6010A
Lead		25.7	mg/kg		20	SW846-6010A
Magnesium	BN	1310	mg/kg		15	SW846-6010A
Manganese	*N	485	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		22.5	mg/kg		5	SW846-6010A
Potassium	N	591	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	284	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		29.6	mg/kg		2	SW846-6010A
Zinc		56.9	mg/kg		15	SW846-6010A
RADS						
Alpha activity		85	pCi/g	13	11	SW846-9310
Americium-241	U	3.8	pCi/g	0	3.8	DNT
Americium-241	A	0.0475	pCi/g	0.095	0.292	RL-7124
Beta activity		114	pCi/g	7.7	6.9	SW846-9310
Cesium-137	U	0.62	pCi/g	0	0.62	DNT
Cobalt-60	U	0.96	pCi/g	0	0.96	DNT
Neptunium-237		0.266	pCi/g	0.0644	0.0834	RL-7124
Plutonium-239/240	A	0.0493	pCi/g	0.0212	0.0502	RL-7120
Protactinium-234m	U	29	pCi/g	0	29	DNT
Radium-226		1.78	pCi/g	3.56	0.636	RL-7124
Technetium-99	A	1.51	pCi/g	3.81	4.81	RL-7116
Thorium-234		88	pCi/g	15	13	DNT
Thorium-234		50	pCi/g	1.29	0.967	RL-7124
Uranium	X	87.3	pCi/g	16.1	3.45	RL-7124
Uranium-234		30.1	pCi/g	5.55	1.19	RL-7124
Uranium-235	U	2.7	pCi/g	0	2.7	DNT
Uranium-235		0.49	wt %	0.04		RL-7124
Uranium-235		0.414	wt %			AS7300
Uranium-238		55.5	pCi/g	3.45	2.18	RL-7124
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

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004-009

ERI99-W3-4

WAG 3 - SWMU 4

004009SA001

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		75.7	mg/kg		1	SW846-6010A
Beryllium		0.669	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	1000	mg/kg		50	SW846-6010A
Chromium		9.95	mg/kg		2	SW846-6010A
Cobalt		3.06	mg/kg		1	SW846-6010A
Copper		8.51	mg/kg		2	SW846-6010A
Iron	*NW	12500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	873	mg/kg		15	SW846-6010A
Manganese	*N	240	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	W	451	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	217	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22.4	mg/kg		2	SW846-6010A
Zinc		31.5	mg/kg		15	SW846-6010A
PPCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		18.7	pCi/g	7.4	9	SW846-9310
Americium-241	U	5.5	pCi/g	0	5.5	DNT
Beta activity		26.9	pCi/g	5.7	7.6	SW846-9310
Cesium-137	U	0.73	pCi/g	0	0.73	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Technetium-99	A	0.818	pCi/g	3.42	4.17	RL-7116
Thorium-234	U	10	pCi/g	0	10	DNT
Uranium-235	U	5.9	pCi/g	0	5.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.428	mg/kg	0.428	SW846-8021 M
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.428	mg/kg	0.428	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.428	mg/kg	0.428	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.428	mg/kg	0.428	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.428	mg/kg	0.428	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

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004-009

ERI99-W3-4

WAG 3 - SWMU 4

004009SA006

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	5860	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		52.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	131000	mg/kg		50	SW846-6010A
Chromium		7.81	mg/kg		2	SW846-6010A
Cobalt		3.27	mg/kg		1	SW846-6010A
Copper		11	mg/kg		2	SW846-6010A
Iron	*NW	5760	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	1450	mg/kg		15	SW846-6010A
Manganese	*N	330	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.3	mg/kg		5	SW846-6010A
Potassium	W	398	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	263	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.5	mg/kg		2	SW846-6010A
Zinc		47.5	mg/kg		15	SW846-6010A
PPCB						
PCB-1016	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1221	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1232	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1242	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1248	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1254	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1260	U	0.095	mg/kg		0.095	SW846-8082 M
RADS						
Alpha activity		61	pCi/g	12	11	SW846-9310
Americium-241	A	0.0317	pCi/g	0.0634	0.209	RL-7124
Americium-241	U	2.9	pCi/g	0	2.9	DNT
Beta activity		84	pCi/g	8.3	9	SW846-9310
Cesium-137	U	0.14	pCi/g	0	0.14	DNT
Cobalt-60	U	0.99	pCi/g	0	0.99	DNT
Neptunium-237		1.58	pCi/g	0.117	0.0801	RL-7124
Plutonium-239/240		0.0929	pCi/g	0.0332	0.0569	RL-7120
Protactinium-234m	U	200	pCi/g	0	200	DNT
Radium-226		1.66	pCi/g	3.31	0.59	RL-7124
Technetium-99		9.01	pCi/g	3.39	4.17	RL-7116
Thorium-234		13.7	pCi/g	0.812	0.906	RL-7124
Thorium-234		19	pCi/g	11	4.3	DNT
Uranium		23.2	pCi/g	5.96	2.62	RL-7124
Uranium-234		7.68	pCi/g	1.97	0.864	RL-7124
Uranium-235		0.424	wt %			AS7300
Uranium-235	U	2.4	pCi/g	0	2.4	DNT

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ERI99-W3-4

WAG 3 - SWMU 4

Uranium-235		0.46	wt %	0.04		RL-7124
Uranium-238		15.1	pCi/g	2.41	1.7	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	UY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
Trichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.381 mg/kg	0.381	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9010-A
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Paducah-OREIS Data Report

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12/18/2007

004-009

ERI99-W3-4

WAG 3 - SWMU 4

004009SA016

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		72	mg/kg		1	SW846-6010A
Beryllium		0.51	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1070	mg/kg		50	SW846-6010A
Chromium		12.3	mg/kg		2	SW846-6010A
Cobalt		4.12	mg/kg		1	SW846-6010A
Copper		5.64	mg/kg		2	SW846-6010A
Iron	*NW	9250	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	1290	mg/kg		15	SW846-6010A
Manganese	*N	2700	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.78	mg/kg		5	SW846-6010A
Potassium	W	389	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	421	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22.8	mg/kg		2	SW846-6010A
Zinc		23.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.088	mg/kg		0.088	SW846-8082 M
PCB-1221	U	0.088	mg/kg		0.088	SW846-8082 M
PCB-1232	U	0.088	mg/kg		0.088	SW846-8082 M
PCB-1242	U	0.088	mg/kg		0.088	SW846-8082 M
PCB-1248	U	0.088	mg/kg		0.088	SW846-8082 M
PCB-1254	U	0.088	mg/kg		0.088	SW846-8082 M
PCB-1260	U	0.088	mg/kg		0.088	SW846-8082 M
RADS						
Alpha activity		10	pCi/g	6.1	8.6	SW846-9310
Americium-241	U	6.7	pCi/g	0	6.7	DNT
Beta activity		17.6	pCi/g	4.5	6.3	SW846-9310
Cesium-137	U	2.4	pCi/g	0	2.4	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	4.16	pCi/g	3.19	4.17	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	7.2	pCi/g	0	7.2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.354	mg/kg	0.354	SW846-8021 M
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.354	mg/kg	0.354	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.354	mg/kg	0.354	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.354	mg/kg	0.354	SW846-8021 M
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.354	mg/kg	0.354	SW846-8021 M
Vinyl chloride	J	0.051	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

Paducah-OREIS Data Report

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004-009

ERI99-W3-4

WAG 3 - SWMU 4

004009SA025

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4510	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		21.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	616	mg/kg		50	SW846-6010A
Chromium		8.77	mg/kg		2	SW846-6010A
Cobalt		3.24	mg/kg		1	SW846-6010A
Copper		2.36	mg/kg		2	SW846-6010A
Iron	*NW	8980	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	380	mg/kg		15	SW846-6010A
Manganese	*N	123	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	W	164	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JW	264	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		15.2	pCi/g	7.5	10	SW846-9310
Americium-241	U	4.6	pCi/g	0	4.6	DNT
Beta activity		30.7	pCi/g	6.8	9.3	SW846-9310
Cesium-137	U	0.75	pCi/g	0	0.75	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	4.8	pCi/g	0	4.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

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ERI99-W3-4

WAG 3 - SWMU 4

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.34	mg/kg	0.34	SW846-8021 M
1,2-Dichloroethane	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JUY	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JUY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JUY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.34	mg/kg	0.34	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.34	mg/kg	0.34	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.34	mg/kg	0.34	SW846-8021 M
Trichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.34	mg/kg	0.34	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

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12/18/2007

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ERI99-W3-4

WAG 3 - SWMU 4

004009SA040

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6860	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		37.2	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	567	mg/kg		50	SW846-6010A
Chromium		4.55	mg/kg		2	SW846-6010A
Cobalt		2.15	mg/kg		1	SW846-6010A
Copper		3.43	mg/kg		2	SW846-6010A
Iron	*NW	10300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	255	mg/kg		15	SW846-6010A
Manganese	*N	84.6	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	W	249	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JW	293	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1221	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1232	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1242	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1248	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1254	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1260	U	0.095	mg/kg		0.095	SW846-8082 M
RADS						
Alpha activity		19.3	pCi/g	7.3	8.5	SW846-9310
Americium-241	U	4.1	pCi/g	0	4.1	DNT
Beta activity		12.3	pCi/g	5.1	7.8	SW846-9310
Cesium-137	U	0.66	pCi/g	0	0.66	DNT
Cobalt-60	U	0.91	pCi/g	0	0.91	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0.684	pCi/g	10.6	4.17	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	6.7	pCi/g	0	6.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.342 mg/kg	0.342	SW846-8021 M
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	UY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	Y	0.012 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	J	0.35 mg/kg	0.342	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.342 mg/kg	0.342	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		0.77 mg/kg	0.342	SW846-8021 M
Vinyl chloride	JY	0.046 mg/kg	0.01	SW846-8260
Vinyl chloride	J	0.29 mg/kg	0.342	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9010-A

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ERI99-W3-4

WAG 3 - SWMU 4

004009SD006

Collected: 7/8/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8110	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		79.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	836	mg/kg		50	SW846-6010A
Chromium		8.92	mg/kg		2	SW846-6010A
Cobalt		3.47	mg/kg		1	SW846-6010A
Copper		5.92	mg/kg		2	SW846-6010A
Iron	*NW	6540	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	768	mg/kg		15	SW846-6010A
Manganese	*N	145	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.1	mg/kg		5	SW846-6010A
Potassium	W	446	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	261	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		15.5	mg/kg		2	SW846-6010A
Zinc		30.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260		0.424	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		29.3	pCi/g	8.7	9.3	SW846-9310
Americium-241	U	9.8	pCi/g	0	9.8	DNT
Beta activity		35.4	pCi/g	6	7.6	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	6.1	pCi/g	0	6.1	DNT
Protactinium-234m	U	210	pCi/g	0	210	DNT
Thorium-234	U	41	pCi/g	0	41	DNT
Uranium-235	U	9.2	pCi/g	0	9.2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

004-009

ERI99-W3-4

WAG 3 - SWMU 4

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.4	mg/kg	0.4	SW846-8021 M
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.4	mg/kg	0.4	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.4	mg/kg	0.4	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.4	mg/kg	0.4	SW846-8021 M
Vinyl chloride	U	0.4	mg/kg	0.4	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

Paducah-OREIS Data Report

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004-017

ERI99-W3-4

WAG 3 - SWMU 4

004017SA006

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	8.29	mg/kg		5	SW846-7060
Barium		65.3	mg/kg		1	SW846-6010A
Beryllium		0.79	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	778	mg/kg		50	SW846-6010A
Chromium		13.1	mg/kg		2	SW846-6010A
Cobalt		8.09	mg/kg		1	SW846-6010A
Copper		11.4	mg/kg		2	SW846-6010A
Iron	*N	21200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	1440	mg/kg		15	SW846-6010A
Manganese	*N	207	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.34	mg/kg		5	SW846-6010A
Potassium	W	670	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JW	233	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		26.5	mg/kg		2	SW846-6010A
Zinc		43	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		28.3	pCi/g	8.5	9	SW846-9310
Americium-241	U	8.8	pCi/g	0	8.8	DNT
Beta activity		42.5	pCi/g	6.1	7.2	SW846-9310
Cesium-137	U	2.3	pCi/g	0	2.3	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99		4.79	pCi/g	3.14	4.17	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	7.8	pCi/g	0	7.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-017

ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.39	mg/kg	0.39	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9010-A
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004-017

ERI99-W3-4

WAG 3 - SWMU 4

004017SA016

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9400	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		71.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	1140	mg/kg		50	SW846-6010A
Chromium		11.3	mg/kg		2	SW846-6010A
Cobalt		7.09	mg/kg		1	SW846-6010A
Copper		6.63	mg/kg		2	SW846-6010A
Iron	*NW	9210	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	1170	mg/kg		15	SW846-6010A
Manganese	*N	229	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.47	mg/kg		5	SW846-6010A
Potassium	W	323	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JW	326	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.3	mg/kg		2	SW846-6010A
Zinc		23.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1221	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1232	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1242	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1248	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1254	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1260	U	0.095	mg/kg		0.095	SW846-8082 M
RADS						
Alpha activity	U	4.7	pCi/g	5.7	9.4	SW846-9310
Americium-241	U	4.6	pCi/g	0	4.6	DNT
Beta activity		37.7	pCi/g	6.4	8.1	SW846-9310
Cesium-137	U	0.75	pCi/g	0	0.75	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0.267	pCi/g	0.601	4.17	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	4.8	pCi/g	0	4.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.401	mg/kg	0.401	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

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ERI99-W3-4

WAG 3 - SWMU 4

004017SA025

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10700	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		28	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	887	mg/kg		50	SW846-6010A
Chromium		12.8	mg/kg		2	SW846-6010A
Cobalt		4.81	mg/kg		1	SW846-6010A
Copper		3.29	mg/kg		2	SW846-6010A
Iron	*NW	18700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	870	mg/kg		15	SW846-6010A
Manganese	*N	213	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	W	292	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JW	267	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		27.5	mg/kg		2	SW846-6010A
Zinc		19.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.093	mg/kg		0.093	SW846-8082 M
PCB-1221	U	0.093	mg/kg		0.093	SW846-8082 M
PCB-1232	U	0.093	mg/kg		0.093	SW846-8082 M
PCB-1242	U	0.093	mg/kg		0.093	SW846-8082 M
PCB-1248	U	0.093	mg/kg		0.093	SW846-8082 M
PCB-1254	U	0.093	mg/kg		0.093	SW846-8082 M
PCB-1260	U	0.093	mg/kg		0.093	SW846-8082 M
RADS						
Alpha activity		15	pCi/g	6.4	7.6	SW846-9310
Americium-241	U	1.9	pCi/g	0	1.9	DNT
Beta activity		11.8	pCi/g	4.7	7.2	SW846-9310
Cesium-137	U	0.42	pCi/g	0	0.42	DNT
Cobalt-60	U	0.19	pCi/g	0	0.19	DNT
Protactinium-234m	U	29	pCi/g	0	29	DNT
Technetium-99	A	1.47	pCi/g	5.11	4.17	RL-7116
Thorium-234	U	5.4	pCi/g	0	5.4	DNT
Uranium-235	U	1.4	pCi/g	0	1.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.296	mg/kg	0.296	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

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ERI99-W3-4

WAG 3 - SWMU 4

004017SA040

Collected: 7/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	5400	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		49.2	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	375	mg/kg		50	SW846-6010A
Chromium		2.55	mg/kg		2	SW846-6010A
Cobalt		3.14	mg/kg		1	SW846-6010A
Copper		2.65	mg/kg		2	SW846-6010A
Iron	*NW	7410	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	NW	191	mg/kg		15	SW846-6010A
Manganese	*N	188	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	W	205	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JUW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		12.3	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1221	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1232	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1242	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1248	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1254	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1260	U	0.099	mg/kg		0.099	SW846-8082 M
RADS						
Alpha activity		16.9	pCi/g	7	8.5	SW846-9310
Americium-241	U	1.8	pCi/g	0	1.8	DNT
Beta activity		11	pCi/g	5.2	8.1	SW846-9310
Cesium-137	U	0.63	pCi/g	0	0.63	DNT
Cobalt-60	U	0.86	pCi/g	0	0.86	DNT
Protactinium-234m	U	110	pCi/g	0	110	DNT
Technetium-99	A	2.14	pCi/g	6.11	4.17	RL-7116
Thorium-234	U	8.8	pCi/g	0	8.8	DNT
Uranium-235	U	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate		0.623 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.386	mg/kg	0.386	SW846-8021 M
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.386	mg/kg	0.386	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.386	mg/kg	0.386	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.386	mg/kg	0.386	SW846-8021 M
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.386	mg/kg	0.386	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9010-A

Paducah-OREIS Data Report

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ERI99-W3-4

WAG 3 - SWMU 4

004017SA001

Collected: 7/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12200	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	10	mg/kg		5	SW846-7060
Barium	N	131	mg/kg		1	SW846-6010A
Beryllium		0.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	686	mg/kg		50	SW846-6010A
Chromium		15.3	mg/kg		2	SW846-6010A
Cobalt		5.47	mg/kg		1	SW846-6010A
Copper		8.64	mg/kg		2	SW846-6010A
Iron	NW	15200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1040	mg/kg		15	SW846-6010A
Manganese	N	438	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.2	mg/kg		5	SW846-6010A
Potassium	NW	658	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	30.7	mg/kg		2	SW846-6010A
Zinc		35.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1221	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1232	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1242	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1248	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1254	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1260	U	0.113	mg/kg		0.113	SW846-8082 M
RADS						
Alpha activity		14.1	pCi/g	6.3	7.7	SW846-9310
Americium-241	U	5.4	pCi/g	0	5.4	DNT
Beta activity		19.4	pCi/g	5.4	7.9	SW846-9310
Cesium-137	U	2.7	pCi/g	0	2.7	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	1.54	pCi/g	3.02	4.17	RL-7116
Thorium-234	U	5.1	pCi/g	0	5.1	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
Vinyl chloride	U	0.39	mg/kg	0.39	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004017SA050

Collected: 7/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.65	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	9080	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	69.4	mg/kg		1	SW846-6010A
Beryllium		0.71	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	890	mg/kg		50	SW846-6010A
Chromium		8.99	mg/kg		2	SW846-6010A
Cobalt		3.74	mg/kg		1	SW846-6010A
Copper		6.94	mg/kg		2	SW846-6010A
Iron	NW	16600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	703	mg/kg		15	SW846-6010A
Manganese	N	240	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.34	mg/kg		5	SW846-6010A
Potassium	NW	749	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	23.5	mg/kg		2	SW846-6010A
Zinc		33.9	mg/kg		15	SW846-6010A
PHYSC						
pH		6.45	NA			SW846-9045
PCCB						
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
RADS						
Alpha activity		17	pCi/g	7.9	10	SW846-9310
Americium-241	U	2.6	pCi/g	0	2.6	DNT
Beta activity		27.2	pCi/g	7.7	11	SW846-9310
Cesium-137	U	0.92	pCi/g	0	0.92	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.0918	pCi/g	0.202	4.17	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.438 mg/kg	0.438	SW846-8021 M
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	UY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	UY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.438 mg/kg	0.438	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.438 mg/kg	0.438	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	Y	0.015 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.438 mg/kg	0.438	SW846-8021 M
Vinyl chloride	U	0.438 mg/kg	0.438	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		17.26 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

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ERI99-W3-4

WAG 3 - SWMU 4

004017SA060

Collected: 7/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7950	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	30.4	mg/kg		1	SW846-6010A
Beryllium		0.89	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	633	mg/kg		50	SW846-6010A
Chromium		6.74	mg/kg		2	SW846-6010A
Cobalt		3.09	mg/kg		1	SW846-6010A
Copper		4.22	mg/kg		2	SW846-6010A
Iron	NW	11100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	635	mg/kg		15	SW846-6010A
Manganese	N	51.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.23	mg/kg		5	SW846-6010A
Potassium	NW	612	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	11.9	mg/kg		2	SW846-6010A
Zinc		35.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1221	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1254	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		17.8	pCi/g	8.4	11	SW846-9310
Americium-241	U	2.2	pCi/g	0	2.2	DNT
Beta activity		29	pCi/g	7.6	11	SW846-9310
Cesium-137	U	0.51	pCi/g	0	0.51	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Thorium-234	U	7.3	pCi/g	0	7.3	DNT
Uranium-235	U	1.8	pCi/g	0	1.8	DNT

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ERI99-W3-4

WAG 3 - SWMU 4

SVOA

1,2,4-Trichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	UY	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

Benz(a)anthracene	U	0.47 mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.47 mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.47 mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47 mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47 mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47 mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.47 mg/kg	0.47	SW846-8270
Carbazole	U	0.47 mg/kg	0.47	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.47 mg/kg	0.47	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.47 mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.47 mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.47 mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47 mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	0.85 mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.47 mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.47 mg/kg	0.47	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.47 mg/kg	0.47	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.47 mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47 mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.47 mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.47 mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47 mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.47 mg/kg	0.47	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.47 mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47 mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.47 mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.47 mg/kg	0.47	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	UY	0.47 mg/kg	0.47	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.47 mg/kg	0.47	SW846-8270
Phenol	U	0.47 mg/kg	0.47	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.47 mg/kg	0.47	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.47 mg/kg	0.47	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.017 mg/kg	0.017	OA33499026
1,1-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	UY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	UY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17 mg/kg	0.17	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17 mg/kg	0.17	OA33499026
trans-1,2-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		0.042 mg/kg	0.0017	OA33499026
Trichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
Trichloroethene	UXY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.37 mg/kg	0.37	SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026

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WAG 3 - SWMU 4

WETCHEM

Cyanide

U

1 mg/kg

1 SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004019SA006

Collected: 7/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9910	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	74.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	756	mg/kg		50	SW846-6010A
Chromium		11	mg/kg		2	SW846-6010A
Cobalt		2.06	mg/kg		1	SW846-6010A
Copper		7.16	mg/kg		2	SW846-6010A
Iron	NW	8360	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	835	mg/kg		15	SW846-6010A
Manganese	N	29.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.87	mg/kg		5	SW846-6010A
Potassium	NW	470	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	239	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	18.2	mg/kg		2	SW846-6010A
Zinc		29.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1221	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1232	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1242	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1248	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1254	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1260	U	0.115	mg/kg		0.115	SW846-8082 M
RADS						
Alpha activity		20.6	pCi/g	7.5	8.8	SW846-9310
Americium-241	U	5.5	pCi/g	0	5.5	DNT
Beta activity		27.4	pCi/g	5.4	7	SW846-9310
Cesium-137	U	0.89	pCi/g	0	0.89	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	570	pCi/g	0	570	DNT
Technetium-99	A	1.45	pCi/g	5.6	4.17	RL-7116
Thorium-234	U	20	pCi/g	0	20	DNT
Uranium-235	U	5.7	pCi/g	0	5.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	J	0.262 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.016	mg/kg	0.016	OA33499026
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
Trichloroethene		0.008	mg/kg	0.0016	OA33499026
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.393	mg/kg	0.393	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004019SA016

Collected: 7/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9460	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	51.9	mg/kg		1	SW846-6010A
Beryllium		0.55	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	928	mg/kg		50	SW846-6010A
Chromium		12.5	mg/kg		2	SW846-6010A
Cobalt		4.37	mg/kg		1	SW846-6010A
Copper		4.09	mg/kg		2	SW846-6010A
Iron	NW	16000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	919	mg/kg		15	SW846-6010A
Manganese	N	149	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.19	mg/kg		5	SW846-6010A
Potassium	NW	302	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	256	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	25.5	mg/kg		2	SW846-6010A
Zinc		23.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		18.8	pCi/g	7.5	9.2	SW846-9310
Americium-241	U	2.5	pCi/g	0	2.5	DNT
Beta activity		20.5	pCi/g	5.6	7.9	SW846-9310
Cesium-137	U	0.86	pCi/g	0	0.86	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.818	pCi/g	3.2	4.17	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT

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ERI99-W3-4

WAG 3 - SWMU 4

Uranium-235	U	6.9	pCi/g	0	6.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	UY	0.46	mg/kg		0.46	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.46	mg/kg		0.46	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.46	mg/kg		0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.46	mg/kg		0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.46	mg/kg		0.46	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg		0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg		0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.46	mg/kg		0.46	SW846-8270
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.46	mg/kg		0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.46	mg/kg		0.46	SW846-8270
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.46	mg/kg		0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg		0.46	SW846-8270
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	1	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270

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WAG 3 - SWMU 4

N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.46 mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	UY	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.46 mg/kg	0.46	SW846-8270
Pyrene	U	0.46 mg/kg	0.46	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.46 mg/kg	0.46	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.367 mg/kg	0.367	SW846-8021 M
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	UY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	UY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.367 mg/kg	0.367	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.367 mg/kg	0.367	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.367 mg/kg	0.367	SW846-8021 M
Trichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.367 mg/kg	0.367	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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ERI99-W3-4

WAG 3 - SWMU 4

004019SA025

Collected: 7/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	4680	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	17.5	mg/kg		1	SW846-6010A
Beryllium		0.88	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	309	mg/kg		50	SW846-6010A
Chromium		42.3	mg/kg		2	SW846-6010A
Cobalt		3.44	mg/kg		1	SW846-6010A
Copper		4.83	mg/kg		2	SW846-6010A
Iron	*N	20500	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	209	mg/kg		15	SW846-6010A
Manganese	N	42.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.23	mg/kg		5	SW846-6010A
Potassium	NW	132	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	46.4	mg/kg		2	SW846-6010A
Zinc		19.3	mg/kg		15	SW846-6010A
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082 M
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.361 mg/kg	0.361	SW846-8021 M
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260

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WAG 3 - SWMU 4

2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.361	mg/kg	0.361	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.361	mg/kg	0.361	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.361	mg/kg	0.361	SW846-8021 M
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.361	mg/kg	0.361	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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004-019

ERI99-W3-4

WAG 3 - SWMU 4

004019SA001

Collected: 7/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8060	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	86.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	692	mg/kg		50	SW846-6010A
Chromium		9.91	mg/kg		2	SW846-6010A
Cobalt		4.35	mg/kg		1	SW846-6010A
Copper		6.61	mg/kg		2	SW846-6010A
Iron	NW	11400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	700	mg/kg		15	SW846-6010A
Manganese	N	338	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.78	mg/kg		5	SW846-6010A
Potassium	NW	371	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	19.6	mg/kg		2	SW846-6010A
Zinc		27.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		5.32	pCi/g	0.92	1.39	RL-7111
Alpha activity		12.3	pCi/g	6.7	9	SW846-9310
Americium-241	U	5.7	pCi/g	0	5.7	DNT
Beta activity		25.8	pCi/g	6.4	8.8	SW846-9310
Beta activity		21.28	pCi/g	1.13	0.9	RL-7111
Cesium-137	U	3.5	pCi/g	0	3.5	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	1.39	pCi/g	8.63	4.17	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	5.9	pCi/g	0	5.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

004-019**ERI99-W3-4****WAG 3 - SWMU 4**

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.441 mg/kg	0.441	SW846-8021 M
cis-1,2-Dichloroethene	U	0.441 mg/kg	0.441	SW846-8021 M
trans-1,2-Dichloroethene	U	0.441 mg/kg	0.441	SW846-8021 M
Trichloroethene	U	0.441 mg/kg	0.441	SW846-8021 M
Vinyl chloride	U	0.441 mg/kg	0.441	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004019SA040

Collected: 7/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9110	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	35.4	mg/kg		1	SW846-6010A
Beryllium		0.6	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	545	mg/kg		50	SW846-6010A
Chromium		12.1	mg/kg		2	SW846-6010A
Cobalt		5.24	mg/kg		1	SW846-6010A
Copper		2.49	mg/kg		2	SW846-6010A
Iron	*N	34500	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	339	mg/kg		15	SW846-6010A
Manganese	N	47.7	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	NW	516	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	37.9	mg/kg		2	SW846-6010A
Zinc		18.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
RADS						
Alpha activity		16.1	pCi/g	6.8	8.2	SW846-9310
Americium-241	U	8.8	pCi/g	0	8.8	DNT
Beta activity		16.3	pCi/g	5.5	8.2	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	1.15	pCi/g	1.02	4.17	RL-7116
Thorium-234	U	6	pCi/g	0	6	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.488	mg/kg	0.488	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.488	mg/kg	0.488	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.488	mg/kg	0.488	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.488	mg/kg	0.488	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.488	mg/kg	0.488	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004019SA050

Collected: 7/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9660	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	166	mg/kg		1	SW846-6010A
Beryllium		0.75	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	785	mg/kg		50	SW846-6010A
Chromium		9.76	mg/kg		2	SW846-6010A
Cobalt		15.6	mg/kg		1	SW846-6010A
Copper		4.69	mg/kg		2	SW846-6010A
Iron	*N	28000	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	603	mg/kg		15	SW846-6010A
Manganese	N	1200	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.2	mg/kg		5	SW846-6010A
Potassium	NW	691	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	17.3	mg/kg		2	SW846-6010A
Zinc		34.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		13.9	pCi/g	7.4	10	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		27.3	pCi/g	7.4	10	SW846-9310
Cesium-137	U	0.97	pCi/g	0	0.97	DNT
Cobalt-60	U	5.2	pCi/g	0	5.2	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	1.76	pCi/g	2.9	4.17	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	8.9	pCi/g	0	8.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.312	mg/kg	0.312	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

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ERI99-W3-4

WAG 3 - SWMU 4

004019SA060

Collected: 7/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5610	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	29.1	mg/kg		1	SW846-6010A
Beryllium		0.58	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	432	mg/kg		50	SW846-6010A
Chromium		23.9	mg/kg		2	SW846-6010A
Cobalt		8.04	mg/kg		1	SW846-6010A
Copper		2.91	mg/kg		2	SW846-6010A
Iron	NW	8780	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	462	mg/kg		15	SW846-6010A
Manganese	N	147	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	NW	516	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	11.6	mg/kg		2	SW846-6010A
Zinc		24.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1221	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1232	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1242	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1248	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1254	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1260	U	0.114	mg/kg		0.114	SW846-8082 M
RADS						
Alpha activity		19.7	pCi/g	7.2	7.9	SW846-9310
Americium-241	U	4.2	pCi/g	0	4.2	DNT
Beta activity		20.6	pCi/g	5.9	8.5	SW846-9310
Cesium-137	U	0.5	pCi/g	0	0.5	DNT
Cobalt-60	U	0.68	pCi/g	0	0.68	DNT
Protactinium-234m	U	89	pCi/g	0	89	DNT
Technetium-99	A	0	pCi/g	0	4.17	RL-7116
Thorium-234	U	12	pCi/g	0	12	DNT
Uranium-235	U	1.3	pCi/g	0	1.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.436	mg/kg	0.436	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.436	mg/kg	0.436	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.436	mg/kg	0.436	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.436	mg/kg	0.436	SW846-8021 M
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.436	mg/kg	0.436	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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004-020

ERI99-W3-4

WAG 3 - SWMU 4

004020SA006

Collected: 9/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	A	0.0316	pCi/g	0.0631	0.162	RL-7124
Neptunium-237	A	0.0684	pCi/g	0.137	0.088	RL-7124
Plutonium-239/240	A	0.0113	pCi/g	0.0136	0.0505	RL-7120
Radium-226		1.87	pCi/g	3.74	0.664	RL-7124
Thorium-234		3.24	pCi/g	0.594	0.587	RL-7124
Uranium		6.66	pCi/g	3.65	2.3	RL-7124
Uranium-234		2.68	pCi/g	1.47	0.922	RL-7124
Uranium-235		0.58	wt %	0.13		RL-7124
Uranium-235		0.442	wt %			AS7300
Uranium-238		3.84	pCi/g	0.666	1.32	RL-7124

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ERI99-W3-4

WAG 3 - SWMU 4

004020SA035

Collected: 9/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8010	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		25.1	mg/kg		1	SW846-6010A
Beryllium		0.77	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1060	mg/kg		50	SW846-6010A
Chromium		8.97	mg/kg		2	SW846-6010A
Cobalt		31.6	mg/kg		1	SW846-6010A
Copper		4.61	mg/kg		2	SW846-6010A
Iron	*BNW	15500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	461	mg/kg		15	SW846-6010A
Manganese	*N	199	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.83	mg/kg		5	SW846-6010A
Potassium	N	188	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	268	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		32.8	mg/kg		2	SW846-6010A
Zinc		15.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		22.7	pCi/g	7	7.3	SW846-9310
Americium-241	A	5.6	pCi/g	0	5.6	DNT
Beta activity		11.6	pCi/g	4.3	6.5	SW846-9310
Cesium-137	A	0.91	pCi/g	0	0.91	DNT
Cobalt-60	A	4.8	pCi/g	0	4.8	DNT
Protactinium-234m	A	590	pCi/g	0	590	DNT
Technetium-99	A	0	pCi/g	0	3.92	RL-7116
Thorium-234	A	21	pCi/g	0	21	DNT
Uranium-235	A	7.3	pCi/g	0	7.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	JU	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	JU	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	JU	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

1,4-Dichlorobenzene	JU	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	JU	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	JU	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	JU	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	JU	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	JU	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	JUY	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	JU	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	JU	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	JU	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	JU	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	JU	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	JU	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	JU	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	JU	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	JU	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	JU	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	JU	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	JU	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	JU	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	JU	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	JU	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	JU	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	JU	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	JU	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	JU	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	JU	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	JU	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	JU	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	JU	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	JU	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	JU	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	JU	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	JU	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	JU	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	JU	0.48	mg/kg	0.48	SW846-8270
Carbazole	JU	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	JU	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	JU	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	JU	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	JU	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	JU	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	BJ	1.8	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	JU	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	JU	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	JU	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	JU	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	JU	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	JU	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	JU	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	JU	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	JU	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	JU	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	JU	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	JU	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	JU	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	JU	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	JU	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	JU	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	JU	0.48	mg/kg	0.48	SW846-8270
Pyridine	JU	0.48	mg/kg	0.48	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.42	mg/kg		SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.42	mg/kg		SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.42	mg/kg		SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.42	mg/kg		SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.42	mg/kg		SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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12/18/2007

004-020

ERI99-W3-4

WAG 3 - SWMU 4

004020SA047

Collected: 9/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS Technetium-99	A	0	pCi/g	0	3.92	RL-7116

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004-020

ERI99-W3-4

WAG 3 - SWMU 4

004020SA059

Collected: 9/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		39.4	mg/kg		1	SW846-6010A
Beryllium		0.65	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	863	mg/kg		50	SW846-6010A
Chromium		7.9	mg/kg		2	SW846-6010A
Cobalt		5.62	mg/kg		1	SW846-6010A
Copper		5.7	mg/kg		2	SW846-6010A
Iron	*BNW	8960	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	576	mg/kg		15	SW846-6010A
Manganese	*N	129	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	488	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	217	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		20.3	mg/kg		2	SW846-6010A
Zinc		20	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
RADS						
Alpha activity		3.87	pCi/g	0.64	0.57	RL-7111
Alpha activity		24.1	pCi/g	7.3	7.7	SW846-9310
Americium-241	A	5.7	pCi/g	0	5.7	DNT
Beta activity		23.8	pCi/g	4.9	6.5	SW846-9310
Beta activity		2.26	pCi/g	0.29	0.73	RL-7111
Cesium-137	A	2.8	pCi/g	0	2.8	DNT
Cobalt-60	A	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	A	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	3.92	RL-7116
Thorium-234	A	16	pCi/g	0	16	DNT
Uranium-235	A	7.4	pCi/g	0	7.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	OA33499026
1,1-Dichloroethene	U	0.408 mg/kg		SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	UX	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.408 mg/kg		SW846-8021 M
cis-1,2-Dichloroethene	U	0.1 mg/kg	0.1	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.408 mg/kg		SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.1 mg/kg	0.1	OA33499026
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.408 mg/kg		SW846-8021 M
Trichloroethene		0.049 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.408 mg/kg		SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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12/18/2007

004-020

ERI99-W3-4

WAG 3 - SWMU 4

004020SA073

Collected: 9/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.71	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	6080	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		24.1	mg/kg		1	SW846-6010A
Beryllium		0.73	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	536	mg/kg		50	SW846-6010A
Chromium		4.84	mg/kg		2	SW846-6010A
Cobalt		2.01	mg/kg		1	SW846-6010A
Copper		3.19	mg/kg		2	SW846-6010A
Iron	*BNW	16500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	447	mg/kg		15	SW846-6010A
Manganese	*N	49.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.39	mg/kg		5	SW846-6010A
Potassium	N	482	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	224	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		11.8	mg/kg		2	SW846-6010A
Zinc		25.2	mg/kg		15	SW846-6010A
PHYSC						
pH		6.55	NA			SW846-9045
PCCB						
PCB-1016	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		21.6	pCi/g	7.1	7.9	SW846-9310
Americium-241	A	2.1	pCi/g	0	2.1	DNT
Beta activity		20.3	pCi/g	4.8	6.8	SW846-9310
Cesium-137	A	0.75	pCi/g	0	0.75	DNT
Cobalt-60	A	1	pCi/g	0	1	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	0	pCi/g	0	3.92	RL-7116
Thorium-234	A	15	pCi/g	0	15	DNT
Uranium-235	A	2	pCi/g	0	2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.358 mg/kg		SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.358 mg/kg		SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.358 mg/kg		SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.358 mg/kg		SW846-8021 M
Trichloroethene		0.038 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.358 mg/kg		SW846-8021 M
Vinyl chloride	U	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		22.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

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12/18/2007

004-020

ERI99-W3-4

WAG 3 - SWMU 4

004020SA085

Collected: 9/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		12.6	pCi/g	5.6	7.2	SW846-9310
Americium-241	A	1.3	pCi/g	0	1.3	DNT
Beta activity		24.1	pCi/g	4.2	5.3	SW846-9310
Cesium-137	A	1.4	pCi/g	0	1.4	DNT
Cobalt-60	A	0.63	pCi/g	0	0.63	DNT
Protactinium-234m	A	83	pCi/g	0	83	DNT
Technetium-99	A	0	pCi/g	0	3.92	RL-7116
Thorium-234	A	9.3	pCi/g	0	9.3	DNT
Uranium-235	A	4.2	pCi/g	0	4.2	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.282	mg/kg			SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.282	mg/kg			SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.282	mg/kg			SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.033	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.282	mg/kg			SW846-8021 M
Vinyl chloride	U	0.282	mg/kg			SW846-8021 M

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WAG 3 - SWMU 4

Vinyl chloride

U

0.01 mg/kg

0.01 SW846-8260

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WAG 3 - SWMU 4

004021SA006

Collected: 9/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		24.6	pCi/g	7.4	8.9	SW846-9310
Americium-241	A	4.3	pCi/g	0	4.3	DNT
Beta activity		30.1	pCi/g	4	4.7	SW846-9310
Cesium-137	A	0.7	pCi/g	0	0.7	DNT
Cobalt-60	A	0.96	pCi/g	0	0.96	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	3.57	pCi/g	4.86	6.94	RL-7116
Thorium-234	A	16	pCi/g	0	16	DNT
Uranium-235	A	6.5	pCi/g	0	6.5	DNT

004021SA035

Collected: 9/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Technetium-99	A	0.856	pCi/g	1.08	6.94	RL-7116
VOA						
1,1-Dichloroethene	U	0.01	mg/kg		0.01	OA33499026
1,1-Dichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
cis-1,2-Dichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
cis-1,2-Dichloroethene	U	0.1	mg/kg		0.1	OA33499026
trans-1,2-Dichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
trans-1,2-Dichloroethene	U	0.1	mg/kg		0.1	OA33499026
Trichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	10	mg/kg		10	OA33499026
Vinyl chloride	U	0.28	mg/kg		0.28	SW846-8021 M

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WAG 3 - SWMU 4

004021SA047

Collected: 9/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.75	mg/kg		5	SW846-7060
Barium		24.8	mg/kg		1	SW846-6010A
Beryllium		0.98	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		635	mg/kg		50	SW846-6010A
Chromium		21.3	mg/kg		2	SW846-6010A
Cobalt		3.64	mg/kg		1	SW846-6010A
Copper		5.41	mg/kg		2	SW846-6010A
Iron	*NW	31800	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		319	mg/kg		15	SW846-6010A
Manganese		42.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	420	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		38.6	mg/kg		2	SW846-6010A
Zinc		21.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		18	pCi/g	6.6	7.9	SW846-9310
Americium-241	A	6.6	pCi/g	0	6.6	DNT
Beta activity		14	pCi/g	4	5.8	SW846-9310
Cesium-137	A	0.87	pCi/g	0	0.87	DNT
Cobalt-60	A	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	A	160	pCi/g	0	160	DNT
Technetium-99	A	0.931	pCi/g	1.05	6.94	RL-7116
Thorium-234	A	20	pCi/g	0	20	DNT
Uranium-235	A	2.3	pCi/g	0	2.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 4

Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	0.69	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 4

N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.397	mg/kg	0.397	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.397	mg/kg	0.397	SW846-8021 M
cis-1,2-Dichloroethene	JUX	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.397	mg/kg	0.397	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.397	mg/kg	0.397	SW846-8021 M
Trichloroethene	J	0.019	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.397	mg/kg	0.397	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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WAG 3 - SWMU 4

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WAG 3 - SWMU 4

004021SA059

Collected: 9/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	13400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	6.13	mg/kg		5	SW846-7060
Barium		39	mg/kg		1	SW846-6010A
Beryllium		1.03	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		684	mg/kg		50	SW846-6010A
Chromium		12.9	mg/kg		2	SW846-6010A
Cobalt		3.96	mg/kg		1	SW846-6010A
Copper		6.2	mg/kg		2	SW846-6010A
Iron	*NW	25800	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		599	mg/kg		15	SW846-6010A
Manganese		44.6	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.3	mg/kg		5	SW846-6010A
Potassium	*N	939	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		32.5	mg/kg		2	SW846-6010A
Zinc		34.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		28	pCi/g	7.6	7.8	SW846-9310
Americium-241	A	6.9	pCi/g	0	6.9	DNT
Beta activity		22.7	pCi/g	4.6	6.2	SW846-9310
Cesium-137	A	2.8	pCi/g	0	2.8	DNT
Cobalt-60	A	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	A	170	pCi/g	0	170	DNT
Technetium-99	A	0.112	pCi/g	0.228	6.94	RL-7116
Thorium-234	A	5.3	pCi/g	0	5.3	DNT

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Uranium-235	A	5.9	pCi/g	0	5.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

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Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.276 mg/kg	0.276	SW846-8021 M
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	JU	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Bromoform	JU	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	JU	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.276 mg/kg	0.276	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.276 mg/kg	0.276	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.276 mg/kg	0.276	SW846-8021 M
Trichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.276 mg/kg	0.276	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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Paducah-OREIS Data Report

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12/18/2007

004-021

ERI99-W3-4

WAG 3 - SWMU 4

004021SA073

Collected: 9/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.55	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	12800	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		50.8	mg/kg		1	SW846-6010A
Beryllium		2.02	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		915	mg/kg		50	SW846-6010A
Chromium		13	mg/kg		2	SW846-6010A
Cobalt		6.42	mg/kg		1	SW846-6010A
Copper		7.65	mg/kg		2	SW846-6010A
Iron	*NW	28900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1060	mg/kg		15	SW846-6010A
Manganese		83	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		15.8	mg/kg		5	SW846-6010A
Potassium	*N	1020	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.6	mg/kg		2	SW846-6010A
Zinc		59.8	mg/kg		15	SW846-6010A
PHYSC						
pH		6.98	none			SW846-9045
PCCB						
PCB-1016	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity		22.4	pCi/g	7.4	8.6	SW846-9310
Americium-241	A	6	pCi/g	0	6	DNT
Beta activity		31.9	pCi/g	5	6.3	SW846-9310
Cesium-137	A	0.98	pCi/g	0	0.98	DNT
Cobalt-60	A	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	A	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	6.94	RL-7116
Thorium-234	A	20	pCi/g	0	20	DNT
Uranium-235	A	2.6	pCi/g	0	2.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 4

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.312 mg/kg	0.312	SW846-8021 M
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	JU	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Bromoform	JU	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	JU	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.312 mg/kg	0.312	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.312 mg/kg	0.312	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.312 mg/kg	0.312	SW846-8021 M
Vinyl chloride	U	0.312 mg/kg	0.312	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		20.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-4

WAG 3 - SWMU 4

004021SA085

Collected: 9/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	5380	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		25.8	mg/kg		1	SW846-6010A
Beryllium		0.53	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		309	mg/kg		50	SW846-6010A
Chromium		5.28	mg/kg		2	SW846-6010A
Cobalt		6.03	mg/kg		1	SW846-6010A
Copper		2.11	mg/kg		2	SW846-6010A
Iron	*NW	8670	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		409	mg/kg		15	SW846-6010A
Manganese		37.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	452	mg/kg		100	SW846-6010A
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		8.3	mg/kg		2	SW846-6010A
Zinc		22.9	mg/kg		15	SW846-6010A
PPCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		3.54	pCi/g	0.9	1.18	RL-7111
Alpha activity		23.6	pCi/g	7.1	7.6	SW846-9310
Americium-241	A	4.2	pCi/g	0	4.2	DNT
Beta activity		27.1	pCi/g	4.7	6	SW846-9310
Beta activity	X	2.01	pCi/g	0.29	1.48	RL-7111
Cesium-137	A	0.49	pCi/g	0	0.49	DNT
Cobalt-60	A	0.67	pCi/g	0	0.67	DNT
Protactinium-234m	A	88	pCi/g	0	88	DNT
Technetium-99	A	1.36	pCi/g	5.34	6.94	RL-7116
Thorium-234	A	6.9	pCi/g	0	6.9	DNT
Uranium-235	A	4.5	pCi/g	0	4.5	DNT
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.539	mg/kg		0.539	SW846-8021 M

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ERI99-W3-4

WAG 3 - SWMU 4

1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.539	mg/kg	0.539	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.539	mg/kg	0.539	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.539	mg/kg	0.539	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.539	mg/kg	0.539	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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004-021

ERI99-W3-4

WAG 3 - SWMU 4

004021SD047

Collected: 9/20/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	14000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		28.8	mg/kg		1	SW846-6010A
Beryllium		0.77	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		852	mg/kg		50	SW846-6010A
Chromium		9.79	mg/kg		2	SW846-6010A
Cobalt		2.38	mg/kg		1	SW846-6010A
Copper		3.75	mg/kg		2	SW846-6010A
Iron	*NW	14300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		414	mg/kg		15	SW846-6010A
Manganese		34.5	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.96	mg/kg		5	SW846-6010A
Potassium	*N	427	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.6	mg/kg		2	SW846-6010A
Zinc		16.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		23.2	pCi/g	7	7.3	SW846-9310
Americium-241	A	8.8	pCi/g	0	8.8	DNT
Beta activity		14.1	pCi/g	4.2	6.2	SW846-9310
Cesium-137	A	1	pCi/g	0	1	DNT
Cobalt-60	A	5.5	pCi/g	0	5.5	DNT
Protactinium-234m	A	190	pCi/g	0	190	DNT
Technetium-99	A	1.58	pCi/g	1.45	6.94	RL-7116
Thorium-234	A	18	pCi/g	0	18	DNT
Uranium-235	A	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
cis-1,2-Dichloroethene	JUX	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
Trichloroethene	J	0.06	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.393	mg/kg	0.393	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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004-023

ERI99-W3-4

WAG 3 - SWMU 4

004023SA014

Collected: 9/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8900	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		77.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1480	mg/kg		50	SW846-6010A
Chromium		13.7	mg/kg		2	SW846-6010A
Cobalt		4.86	mg/kg		1	SW846-6010A
Copper		7.5	mg/kg		2	SW846-6010A
Iron	*NW	13000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1530	mg/kg		15	SW846-6010A
Manganese		426	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.8	mg/kg		5	SW846-6010A
Potassium	*N	534	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		347	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.7	mg/kg		2	SW846-6010A
Zinc		31.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity		20.6	pCi/g	6.3	6.9	SW846-9310
Americium-241	A	2.5	pCi/g	0	2.5	DNT
Beta activity		21.7	pCi/g	3.5	4.4	SW846-9310
Cesium-137	A	0.86	pCi/g	0	0.86	DNT
Cobalt-60	A	4.5	pCi/g	0	4.5	DNT
Protactinium-234m	A	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	6.94	RL-7116
Thorium-234	A	15	pCi/g	0	15	DNT
Uranium-235	A	5.5	pCi/g	0	5.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	0.88	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.48 mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.48 mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.37 mg/kg	0.37	SW846-8021 M
Vinyl chloride	JU	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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ERI99-W3-4

WAG 3 - SWMU 4

004023SA035

Collected: 9/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		19.1	pCi/g	7.8	10	SW846-9310
Americium-241	A	6.6	pCi/g	0	6.6	DNT
Beta activity		19.1	pCi/g	4.9	7	SW846-9310
Cesium-137	A	0.77	pCi/g	0	0.77	DNT
Cobalt-60	A	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	A	140	pCi/g	0	140	DNT
Technetium-99	A	1.4	pCi/g	5.77	6.94	RL-7116
Thorium-234	A	14	pCi/g	0	14	DNT
Uranium-235	A	7.1	pCi/g	0	7.1	DNT
VOA						
1,1-Dichloroethene	U	0.241	mg/kg		0.241	SW846-8021 M
cis-1,2-Dichloroethene	U	0.241	mg/kg		0.241	SW846-8021 M
trans-1,2-Dichloroethene	U	0.241	mg/kg		0.241	SW846-8021 M
Trichloroethene	U	0.241	mg/kg		0.241	SW846-8021 M
Vinyl chloride	U	0.241	mg/kg		0.241	SW846-8021 M

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ERI99-W3-4

WAG 3 - SWMU 4

004023SA047

Collected: 9/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9850	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		24.1	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		861	mg/kg		50	SW846-6010A
Chromium		20.9	mg/kg		2	SW846-6010A
Cobalt		2.39	mg/kg		1	SW846-6010A
Copper		4.5	mg/kg		2	SW846-6010A
Iron	*NW	21100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		264	mg/kg		15	SW846-6010A
Manganese		132	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	340	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.4	mg/kg		2	SW846-6010A
Zinc		18.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		6.65	pCi/g	1.39	1.42	RL-7111
Alpha activity		20.8	pCi/g	6.8	7.7	SW846-9310
Americium-241	A	5.8	pCi/g	0	5.8	DNT
Beta activity	X	2.1	pCi/g	0.31	1.77	RL-7111
Beta activity		17.5	pCi/g	4	5.5	SW846-9310
Cesium-137	A	0.95	pCi/g	0	0.95	DNT
Cobalt-60	A	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	A	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	6.94	RL-7116
Thorium-234	A	19	pCi/g	0	19	DNT
Uranium-235	A	7.6	pCi/g	0	7.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.323	mg/kg	0.323	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.323	mg/kg	0.323	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.323	mg/kg	0.323	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.323	mg/kg	0.323	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.323	mg/kg	0.323	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004023SA059

Collected: 9/22/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	13400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		37.5	mg/kg		1	SW846-6010A
Beryllium		1.05	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		706	mg/kg		50	SW846-6010A
Chromium		21.2	mg/kg		2	SW846-6010A
Cobalt		3.38	mg/kg		1	SW846-6010A
Copper		5.63	mg/kg		2	SW846-6010A
Iron	*NW	28600	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		647	mg/kg		15	SW846-6010A
Manganese		43.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9	mg/kg		5	SW846-6010A
Potassium	*N	878	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		48.9	mg/kg		2	SW846-6010A
Zinc		34.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1221	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1232	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1242	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1248	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1254	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1260	U	0.123	mg/kg		0.123	SW846-8082 M
RADS						
Alpha activity		25.3	pCi/g	7.6	8.2	SW846-9310
Americium-241	A	4.9	pCi/g	0	4.9	DNT
Beta activity		23.4	pCi/g	4.8	6.5	SW846-9310
Cesium-137	A	0.81	pCi/g	0	0.81	DNT
Cobalt-60	A	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	A	150	pCi/g	0	150	DNT
Technetium-99	A	0.875	pCi/g	4.78	6.94	RL-7116
Thorium-234	A	14	pCi/g	0	14	DNT
Uranium-235	A	6.4	pCi/g	0	6.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.1	mg/kg	0.1	OA33499026
cis-1,2-Dichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.1	mg/kg	0.1	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.312	mg/kg	0.312	SW846-8021 M
Trichloroethene	JU	0.001	mg/kg	0.001	OA33499026
Vinyl chloride	U	0.312	mg/kg	0.312	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JU	10	mg/kg	10	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004023SA073

Collected: 9/22/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		44.4	mg/kg		1	SW846-6010A
Beryllium		0.93	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		844	mg/kg		50	SW846-6010A
Chromium		13.1	mg/kg		2	SW846-6010A
Cobalt		7.1	mg/kg		1	SW846-6010A
Copper		6.26	mg/kg		2	SW846-6010A
Iron	*NW	28900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		714	mg/kg		15	SW846-6010A
Manganese		95.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.52	mg/kg		5	SW846-6010A
Potassium	*N	720	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.3	mg/kg		2	SW846-6010A
Zinc		38.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		29.1	pCi/g	8.3	9	SW846-9310
Americium-241	A	6.2	pCi/g	0	6.2	DNT
Beta activity		23.5	pCi/g	4.9	6.7	SW846-9310
Cesium-137	A	0.83	pCi/g	0	0.83	DNT
Cobalt-60	A	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	A	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	6.94	RL-7116
Thorium-234	A	12	pCi/g	0	12	DNT
Uranium-235	A	2.2	pCi/g	0	2.2	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.408	mg/kg		0.408	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3-4

WAG 3 - SWMU 4

1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.408 mg/kg	0.408	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.408 mg/kg	0.408	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.408 mg/kg	0.408	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.408 mg/kg	0.408	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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004-023

ERI99-W3-4

WAG 3 - SWMU 4

004023SA085

Collected: 9/22/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1221	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1232	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1242	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1248	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1254	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1260	U	0.123	mg/kg		0.123	SW846-8082 M
RADS						
Alpha activity		23.5	pCi/g	7.8	9.7	SW846-9310
Americium-241	A	3.9	pCi/g	0	3.9	DNT
Beta activity		26.4	pCi/g	4.5	5.9	SW846-9310
Cesium-137	A	0.52	pCi/g	0	0.52	DNT
Cobalt-60	A	0.71	pCi/g	0	0.71	DNT
Protactinium-234m	A	94	pCi/g	0	94	DNT
Technetium-99	A	0.503	pCi/g	1.08	6.94	RL-7116
Thorium-234	A	11	pCi/g	0	11	DNT
Uranium-235	A	1.4	pCi/g	0	1.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.275	mg/kg		0.275	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JUY	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.275	mg/kg		0.275	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3-4

WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.275	mg/kg	0.275	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.275	mg/kg	0.275	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.275	mg/kg	0.275	SW846-8021 M

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ERI99-W3-4

WAG 3 - SWMU 4

004023SD047

Collected: 9/21/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10100	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		21.7	mg/kg		1	SW846-6010A
Beryllium		0.69	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		857	mg/kg		50	SW846-6010A
Chromium		20.9	mg/kg		2	SW846-6010A
Cobalt		2.08	mg/kg		1	SW846-6010A
Copper		5.15	mg/kg		2	SW846-6010A
Iron	*NW	20100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		252	mg/kg		15	SW846-6010A
Manganese		88.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	343	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		29.5	mg/kg		2	SW846-6010A
Zinc		18.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
RADS						
Alpha activity		5.54	pCi/g	1.25	1.42	RL-7111
Alpha activity		24.5	pCi/g	7.3	7.7	SW846-9310
Americium-241	A	6.2	pCi/g	0	6.2	DNT
Beta activity	X	2.68	pCi/g	0.37	1.77	RL-7111
Beta activity		17.1	pCi/g	4.6	6.5	SW846-9310
Cesium-137	A	1	pCi/g	0	1	DNT
Cobalt-60	A	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	A	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	6.94	RL-7116
Thorium-234	A	18	pCi/g	0	18	DNT
Uranium-235	A	2.7	pCi/g	0	2.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.321	mg/kg	0.321	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.321	mg/kg	0.321	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.321	mg/kg	0.321	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.321	mg/kg	0.321	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.321	mg/kg	0.321	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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12/18/2007

004-024

ERI99-W3-4

WAG 3 - SWMU 4

004024SA014

Collected: 9/23/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9770	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		88.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1850	mg/kg		50	SW846-6010A
Chromium		14.7	mg/kg		2	SW846-6010A
Cobalt		3.29	mg/kg		1	SW846-6010A
Copper		7.83	mg/kg		2	SW846-6010A
Iron	*NW	12400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		2050	mg/kg		15	SW846-6010A
Manganese		90.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.8	mg/kg		5	SW846-6010A
Potassium	*N	675	mg/kg		100	SW846-6010A
Selenium	JUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		350	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22	mg/kg		2	SW846-6010A
Zinc		34.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.12	mg/kg		0.12	SW846-8082 M
PCB-1221	U	0.12	mg/kg		0.12	SW846-8082 M
PCB-1232	U	0.12	mg/kg		0.12	SW846-8082 M
PCB-1242	U	0.12	mg/kg		0.12	SW846-8082 M
PCB-1248	U	0.12	mg/kg		0.12	SW846-8082 M
PCB-1254	U	0.12	mg/kg		0.12	SW846-8082 M
PCB-1260	U	0.12	mg/kg		0.12	SW846-8082 M
RADS						
Alpha activity		16.2	pCi/g	6	7.1	SW846-9310
Americium-241	A	5.6	pCi/g	0	5.6	DNT
Beta activity		21.4	pCi/g	3.8	4.9	SW846-9310
Cesium-137	A	0.75	pCi/g	0	0.75	DNT
Cobalt-60	A	1	pCi/g	0	1	DNT
Protactinium-234m	A	140	pCi/g	0	140	DNT
Technetium-99	A	1.19	pCi/g	1.48	6.94	RL-7116
Thorium-234	A	21	pCi/g	0	21	DNT
Uranium-235	A	6	pCi/g	0	6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.369	mg/kg	0.369	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.036	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.369	mg/kg	0.369	SW846-8021 M
cis-1,2-Dichloroethene	J	0.8	mg/kg	0.1	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.369	mg/kg	0.369	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.1	mg/kg	0.1	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.369	mg/kg	0.369	SW846-8021 M
Trichloroethene	J	0.016	mg/kg	0.001	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.369	mg/kg	0.369	SW846-8021 M
Vinyl chloride	JU	10	mg/kg	10	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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12/18/2007

004-024

ERI99-W3-4

WAG 3 - SWMU 4

004024SA059

Collected: 9/23/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10800	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		36	mg/kg		1	SW846-6010A
Beryllium		0.87	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		725	mg/kg		50	SW846-6010A
Chromium		8.21	mg/kg		2	SW846-6010A
Cobalt		3.19	mg/kg		1	SW846-6010A
Copper		4.63	mg/kg		2	SW846-6010A
Iron	NW	22900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		484	mg/kg		15	SW846-6010A
Manganese	*N	260	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.79	mg/kg		5	SW846-6010A
Potassium	N	645	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	331	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.2	mg/kg		2	SW846-6010A
Zinc		48.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		17.5	pCi/g	6.8	8.8	SW846-9310
Americium-241	A	7.2	pCi/g	0	7.2	DNT
Beta activity		23	pCi/g	3.8	4.7	SW846-9310
Cesium-137	A	0.84	pCi/g	0	0.84	DNT
Cobalt-60	A	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	A	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.58	RL-7116
Thorium-234	A	15	pCi/g	0	15	DNT
Uranium-235	A	5.4	pCi/g	0	5.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.285 mg/kg	0.285	SW846-8021 M
cis-1,2-Dichloroethene	J	0.23 mg/kg	0.1	SW846-8021 M
trans-1,2-Dichloroethene	U	0.285 mg/kg	0.285	SW846-8021 M
Trichloroethene		8.5 mg/kg	1	SW846-8021 M
Vinyl chloride	U	0.285 mg/kg	0.285	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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004-024

ERI99-W3-4

WAG 3 - SWMU 4

004024SA047

Collected: 9/24/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9020	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		13.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		605	mg/kg		50	SW846-6010A
Chromium		7.76	mg/kg		2	SW846-6010A
Cobalt		2.85	mg/kg		1	SW846-6010A
Copper		3.34	mg/kg		2	SW846-6010A
Iron	NW	9570	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		330	mg/kg		15	SW846-6010A
Manganese	*N	34.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	316	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	414	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		20.9	mg/kg		2	SW846-6010A
Zinc		22.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		20	pCi/g	6.7	7.4	SW846-9310
Americium-241	A	5.6	pCi/g	0	5.6	DNT
Beta activity		13.2	pCi/g	3.9	5.7	SW846-9310
Cesium-137	A	0.75	pCi/g	0	0.75	DNT
Cobalt-60	A	1	pCi/g	0	1	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	0	pCi/g	0	6.94	RL-7116
Thorium-234	A	11	pCi/g	0	11	DNT

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ERI99-W3-4

WAG 3 - SWMU 4

Uranium-235	A	4.8	pCi/g	0	4.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M

004-024**ERI99-W3-4****WAG 3 - SWMU 4**

Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.242 mg/kg	0.242	SW846-8021 M
cis-1,2-Dichloroethene		2.4 mg/kg	0.242	SW846-8021 M
trans-1,2-Dichloroethene	U	0.242 mg/kg	0.242	SW846-8021 M
Trichloroethene		4.4 mg/kg	0.242	SW846-8021 M
Vinyl chloride	U	0.242 mg/kg	0.242	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004024SA073

Collected: 9/24/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.69	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	7280	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		29	mg/kg		1	SW846-6010A
Beryllium		0.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		407	mg/kg		50	SW846-6010A
Chromium		5.15	mg/kg		2	SW846-6010A
Cobalt		4.92	mg/kg		1	SW846-6010A
Copper		3.2	mg/kg		2	SW846-6010A
Iron	NW	10200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		377	mg/kg		15	SW846-6010A
Manganese	*N	188	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	491	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	242	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		12.6	mg/kg		2	SW846-6010A
Zinc		27.1	mg/kg		15	SW846-6010A
PHYSC						
pH		6.86	none			SW846-9045
PCCB						
PCB-1016	U	0.09	mg/kg		0.09	SW846-8082 M
PCB-1221	U	0.09	mg/kg		0.09	SW846-8082 M
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082 M
PCB-1242	U	0.09	mg/kg		0.09	SW846-8082 M
PCB-1248	U	0.09	mg/kg		0.09	SW846-8082 M
PCB-1254	U	0.09	mg/kg		0.09	SW846-8082 M
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082 M
RADS						
Alpha activity		20	pCi/g	6.7	7.8	SW846-9310
Americium-241	A	4	pCi/g	0	4	DNT
Beta activity		22.6	pCi/g	3.8	4.9	SW846-9310
Cesium-137	A	0.65	pCi/g	0	0.65	DNT
Cobalt-60	A	3.4	pCi/g	0	3.4	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99	A	0	pCi/g	0	4.58	RL-7116
Thorium-234	A	13	pCi/g	0	13	DNT
Uranium-235	A	7.2	pCi/g	0	7.2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

004-024**ERI99-W3-4****WAG 3 - SWMU 4**

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.318 mg/kg	0.318	SW846-8021 M
cis-1,2-Dichloroethene	U	0.318 mg/kg	0.318	SW846-8021 M
trans-1,2-Dichloroethene	U	0.318 mg/kg	0.318	SW846-8021 M
Trichloroethene		7 mg/kg	1	SW846-8021 M
Vinyl chloride	U	0.318 mg/kg	0.318	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		23.1 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-4

WAG 3 - SWMU 4

004024SA085

Collected: 9/24/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	2080	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		7.67	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		128	mg/kg		50	SW846-6010A
Chromium		3.64	mg/kg		2	SW846-6010A
Cobalt		1.01	mg/kg		1	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	*NW	4020	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		110	mg/kg		15	SW846-6010A
Manganese		38	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	173	mg/kg		100	SW846-6010A
Selenium	JUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		4.26	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
RADS						
Alpha activity		18.1	pCi/g	6.4	7.4	SW846-9310
Americium-241	A	1.9	pCi/g	0	1.9	DNT
Beta activity		24.8	pCi/g	4.1	5.3	SW846-9310
Cesium-137	A	0.66	pCi/g	0	0.66	DNT
Cobalt-60	A	3.5	pCi/g	0	3.5	DNT
Protactinium-234m	A	420	pCi/g	0	420	DNT
Technetium-99	A	0	pCi/g	0	4.58	RL-7116
Thorium-234	A	9.3	pCi/g	0	9.3	DNT
Uranium-235	A	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-024

ERI99-W3-4

WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.211 mg/kg	0.211	SW846-8021 M
cis-1,2-Dichloroethene	U	0.211 mg/kg	0.211	SW846-8021 M
trans-1,2-Dichloroethene	U	0.211 mg/kg	0.211	SW846-8021 M
Trichloroethene		2.1 mg/kg	1	SW846-8021 M
Vinyl chloride	U	0.211 mg/kg	0.211	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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004-027

ERI99-W3-4

WAG 3 - SWMU 4

004027SA014

Collected: 11/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		5	pCi/g	1.41	0.34	RL-7111
Beta activity		4.76	pCi/g	0.79	0.13	RL-7111
Technetium-99	A	0	pCi/g	0	4.33	RL-7116
VOA						
1,1-Dichloroethene	U	0.0075	mg/kg		0.0075	OA33499026
cis-1,2-Dichloroethene	U	0.22	mg/kg		0.22	OA33499026
trans-1,2-Dichloroethene	U	0.22	mg/kg		0.22	OA33499026
Trichloroethene	U	0.0015	mg/kg		0.0015	OA33499026
Vinyl chloride	U	22	mg/kg		22	OA33499026

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004-027

ERI99-W3-4

WAG 3 - SWMU 4

004027SA047

Collected: 11/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7130	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		47.2	mg/kg		1	SW846-6010A
Beryllium		0.61	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		540	mg/kg		100	SW846-6010A
Chromium		8.99	mg/kg		2	SW846-6010A
Cobalt		4.97	mg/kg		2	SW846-6010A
Copper		4.19	mg/kg		2	SW846-6010A
Iron	*NW	9600	mg/kg		5	SW846-6010A
Lead		23.7	mg/kg		20	SW846-6010A
Magnesium	N	285	mg/kg		15	SW846-6010A
Manganese	N	360	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	304	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	312	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		21.1	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		1.33	pCi/g	1.33	1.21	RL-7111
Americium-241	AX	0.0267	pCi/g	0.0533	0.0983	RL-7124
Beta activity	A	0.23	pCi/g	0.12	0.62	RL-7111
Neptunium-237	A	-0.0219	pCi/g	0.0438	0.0449	RL-7124
Plutonium-239/240	A	-0.0146	pCi/g	0.0084	0.0526	RL-7120
Radium-226		1.23	pCi/g	2.46	0.418	RL-7124
Technetium-99	A	0	pCi/g	0	3.77	RL-7116
Thorium-234	A	0.488	pCi/g	0.975	0.532	RL-7124
Uranium		2.33	pCi/g	1.66	0.964	RL-7124
Uranium-234		1.74	pCi/g	1.24	0.709	RL-7124
Uranium-235		1.99	wt %	0		RL-7124
Uranium-238		0.524	pCi/g	0.319	0.211	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270

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WAG 3 - SWMU 4

1,3-Dichlorobenzene	U	0.46 mg/kg	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46 mg/kg	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46 mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46 mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46 mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46 mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46 mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46 mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46 mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46 mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46 mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46 mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46 mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46 mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46 mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46 mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46 mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46 mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46 mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46 mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46 mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46 mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46 mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46 mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46 mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46 mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46 mg/kg	0.46	SW846-8270
Anthracene	U	0.46 mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46 mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46 mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46 mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46 mg/kg	0.46	SW846-8270
Carbazole	U	0.46 mg/kg	0.46	SW846-8270
Chrysene	U	0.46 mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46 mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46 mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46 mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46 mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	B	2 mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46 mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46 mg/kg	0.46	SW846-8270
Fluorene	U	0.46 mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46 mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46 mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46 mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46 mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46 mg/kg	0.46	SW846-8270
Isophorone	U	0.46 mg/kg	0.46	SW846-8270
Naphthalene	U	0.46 mg/kg	0.46	SW846-8270

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WAG 3 - SWMU 4

Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0055	mg/kg	0.0055	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	B	0.018	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.049	mg/kg	0.0011	OA33499026
Trichloroethene	Y	0.011	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	16	mg/kg	16	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004027SA059

Collected: 11/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11800	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.16	mg/kg		5	SW846-7060
Barium		42.8	mg/kg		1	SW846-6010A
Beryllium		1.3	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		831	mg/kg		100	SW846-6010A
Chromium		12.6	mg/kg		2	SW846-6010A
Cobalt		4.29	mg/kg		2	SW846-6010A
Copper		5.98	mg/kg		2	SW846-6010A
Iron	*NW	23500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	633	mg/kg		15	SW846-6010A
Manganese	N	124	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.28	mg/kg		5	SW846-6010A
Potassium	N	897	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	276	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		24.3	mg/kg		2	SW846-6010A
Zinc		43.3	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.33	pCi/g	1.76	1.21	RL-7111
Americium-241	AX	0.0101	pCi/g	0.0202	0.111	RL-7124
Beta activity		6.44	pCi/g	1.99	0.62	RL-7111
Neptunium-237	A	-0.0051	pCi/g	0.0103	0.0595	RL-7124
Plutonium-239/240	A	-0.0129	pCi/g	0.0064	0.0481	RL-7120
Radium-226		1.23	pCi/g	2.46	0.46	RL-7124
Technetium-99	A	0	pCi/g	0	3.77	RL-7116
Thorium-234		1.31	pCi/g	2.63	0.615	RL-7124
Uranium-235		0.573	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0061	mg/kg	0.0061	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JUY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18	mg/kg	0.18	OA33499026
cis-1,2-Dichloroethene	JUX	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.018	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18	mg/kg	0.18	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JY	0.033	mg/kg	0.01	SW846-8260
Trichloroethene		0.113	mg/kg	0.0012	OA33499026
Vinyl chloride	U	18	mg/kg	18	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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004-027

ERI99-W3-4

WAG 3 - SWMU 4

004027SA073

Collected: 11/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.58	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	7660	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		33.1	mg/kg		1	SW846-6010A
Beryllium		0.9	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		611	mg/kg		100	SW846-6010A
Chromium		9.33	mg/kg		2	SW846-6010A
Cobalt		3.14	mg/kg		2	SW846-6010A
Copper		4.22	mg/kg		2	SW846-6010A
Iron	*NW	12700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	457	mg/kg		15	SW846-6010A
Manganese	N	168	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.33	mg/kg		5	SW846-6010A
Potassium	N	604	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	334	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		16.2	mg/kg		2	SW846-6010A
Zinc		29.1	mg/kg		20	SW846-6010A
PHYSC						
pH		7.12	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.22	pCi/g	3.15	1.3	RL-7111
Americium-241	A	0.0199	pCi/g	0.0398	0.0998	RL-7124
Beta activity		1.78	pCi/g	0.84	0.69	RL-7111
Neptunium-237	A	0.00235	pCi/g	0.0047	0.0545	RL-7124
Plutonium-239/240	A	-0.014	pCi/g	0.0095	0.0534	RL-7120
Radium-226		1.23	pCi/g	2.47	0.424	RL-7124
Technetium-99	A	0	pCi/g	0	3.85	RL-7116
Thorium-234		0.784	pCi/g	1.57	0.542	RL-7124
Uranium-235		0.728	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

1,2-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	0.67	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

Naphthalene	U	0.48 mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48 mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48 mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48 mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48 mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0051 mg/kg	0.0051	OA33499026
1,2-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	JU	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Bromoform	JU	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	JU	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.72 mg/kg	0.15	OA33499026
cis-1,2-Dichloroethene	J	0.044 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.15 mg/kg	0.15	OA33499026
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		2.86 mg/kg	0.026	OA33499026
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	15 mg/kg	15	OA33499026
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014
Moisture		23.6 %		ASTM-D2216-92

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004-027

ERI99-W3-4

WAG 3 - SWMU 4

004027SA085

Collected: 11/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	2890	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		12.4	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		267	mg/kg		100	SW846-6010A
Chromium		5.49	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	*NW	7280	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	199	mg/kg		15	SW846-6010A
Manganese	N	37.8	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	279	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	367	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		7.25	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		1.42	pCi/g	1.64	1.3	RL-7111
Americium-241	AX	0.0173	pCi/g	0.0346	0.0697	RL-7124
Beta activity	A	0.51	pCi/g	0.28	0.69	RL-7111
Neptunium-237	A	0.00444	pCi/g	0.0089	0.037	RL-7124
Plutonium-239/240	A	-0.0134	pCi/g	0.0079	0.0523	RL-7120
Radium-226		0.879	pCi/g	1.76	0.277	RL-7124
Technetium-99	A	0	pCi/g	0	3.85	RL-7116
Thorium-234		0.531	pCi/g	1.06	0.362	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270
1,2-Dichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270
1,3-Dichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270
1,4-Dichlorobenzene	U	0.39	mg/kg		0.39	SW846-8270
2,4,5-Trichlorophenol	U	0.39	mg/kg		0.39	SW846-8270
2,4,6-Trichlorophenol	U	0.39	mg/kg		0.39	SW846-8270

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ERI99-W3-4

WAG 3 - SWMU 4

2,4-Dichlorophenol	U	0.39	mg/kg	0.39	SW846-8270
2,4-Dimethylphenol	U	0.39	mg/kg	0.39	SW846-8270
2,4-Dinitrophenol	U	0.39	mg/kg	0.39	SW846-8270
2,4-Dinitrotoluene	U	0.39	mg/kg	0.39	SW846-8270
2,6-Dinitrotoluene	U	0.39	mg/kg	0.39	SW846-8270
2-Chloronaphthalene	U	0.39	mg/kg	0.39	SW846-8270
2-Chlorophenol	U	0.39	mg/kg	0.39	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.39	mg/kg	0.39	SW846-8270
2-Methylnaphthalene	U	0.39	mg/kg	0.39	SW846-8270
2-Methylphenol	U	0.39	mg/kg	0.39	SW846-8270
2-Nitrobenzenamine	U	0.39	mg/kg	0.39	SW846-8270
2-Nitrophenol	U	0.39	mg/kg	0.39	SW846-8270
3,3'-Dichlorobenzidine	U	0.39	mg/kg	0.39	SW846-8270
3-Nitrobenzenamine	U	0.39	mg/kg	0.39	SW846-8270
4-Bromophenyl phenyl ether	U	0.39	mg/kg	0.39	SW846-8270
4-Chloro-3-methylphenol	U	0.39	mg/kg	0.39	SW846-8270
4-Chlorobenzenamine	U	0.39	mg/kg	0.39	SW846-8270
4-Chlorophenyl phenyl ether	U	0.39	mg/kg	0.39	SW846-8270
4-Methylphenol	U	0.39	mg/kg	0.39	SW846-8270
4-Nitrobenzenamine	U	0.39	mg/kg	0.39	SW846-8270
4-Nitrophenol	U	0.39	mg/kg	0.39	SW846-8270
Acenaphthene	U	0.39	mg/kg	0.39	SW846-8270
Acenaphthylene	U	0.39	mg/kg	0.39	SW846-8270
Anthracene	U	0.39	mg/kg	0.39	SW846-8270
Benz(a)anthracene	U	0.39	mg/kg	0.39	SW846-8270
Benzo(a)pyrene	U	0.39	mg/kg	0.39	SW846-8270
Benzo(b)fluoranthene	U	0.39	mg/kg	0.39	SW846-8270
Benzo(ghi)perylene	U	0.39	mg/kg	0.39	SW846-8270
Benzo(k)fluoranthene	U	0.39	mg/kg	0.39	SW846-8270
Bis(2-chloroethoxy)methane	U	0.39	mg/kg	0.39	SW846-8270
Bis(2-chloroethyl) ether	U	0.39	mg/kg	0.39	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.39	mg/kg	0.39	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.39	mg/kg	0.39	SW846-8270
Butyl benzyl phthalate	U	0.39	mg/kg	0.39	SW846-8270
Carbazole	U	0.39	mg/kg	0.39	SW846-8270
Chrysene	U	0.39	mg/kg	0.39	SW846-8270
Dibenz(a,h)anthracene	U	0.39	mg/kg	0.39	SW846-8270
Dibenzofuran	U	0.39	mg/kg	0.39	SW846-8270
Diethyl phthalate	U	0.39	mg/kg	0.39	SW846-8270
Dimethyl phthalate	U	0.39	mg/kg	0.39	SW846-8270
Di-n-butyl phthalate	B	1.1	mg/kg	0.39	SW846-8270
Di-n-octylphthalate	U	0.39	mg/kg	0.39	SW846-8270
Fluoranthene	U	0.39	mg/kg	0.39	SW846-8270
Fluorene	U	0.39	mg/kg	0.39	SW846-8270
Hexachlorobenzene	U	0.39	mg/kg	0.39	SW846-8270
Hexachlorobutadiene	U	0.39	mg/kg	0.39	SW846-8270
Hexachlorocyclopentadiene	U	0.39	mg/kg	0.39	SW846-8270
Hexachloroethane	U	0.39	mg/kg	0.39	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.39	mg/kg	0.39	SW846-8270
Isophorone	U	0.39	mg/kg	0.39	SW846-8270
Naphthalene	U	0.39	mg/kg	0.39	SW846-8270
Nitrobenzene	U	0.39	mg/kg	0.39	SW846-8270
N-Nitroso-di-n-propylamine	U	0.39	mg/kg	0.39	SW846-8270
N-Nitrosodiphenylamine	U	0.39	mg/kg	0.39	SW846-8270
Pentachlorophenol	U	0.39	mg/kg	0.39	SW846-8270

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WAG 3 - SWMU 4

Phenanthrene	U	0.39 mg/kg	0.39	SW846-8270
Phenol	U	0.39 mg/kg	0.39	SW846-8270
Pyrene	U	0.39 mg/kg	0.39	SW846-8270
Pyridine	U	0.39 mg/kg	0.39	SW846-8270
VOA				
1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	J	0.021 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0054 mg/kg	0.0054	OA33499026
1,2-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	JUY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Bromoform	JU	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JY	0.074 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	J	0.14 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.61 mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.046 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16 mg/kg	0.16	OA33499026
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		13 mg/kg	0.091	OA33499026
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	16 mg/kg	16	OA33499026
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014

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ERI99-W3-4

WAG 3 - SWMU 4

004030SA025

Collected: 8/4/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
VOA						
1,1-Dichloroethene	U	0.273	mg/kg		0.273	SW846-8021 M
cis-1,2-Dichloroethene	U	0.273	mg/kg		0.273	SW846-8021 M
trans-1,2-Dichloroethene	U	0.273	mg/kg		0.273	SW846-8021 M
Trichloroethene	U	0.273	mg/kg		0.273	SW846-8021 M
Vinyl chloride	U	0.273	mg/kg		0.273	SW846-8021 M

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ERI99-W3-4

WAG 3 - SWMU 4

004030SA050

Collected: 8/4/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	13200	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		44	mg/kg		1	SW846-6010A
Beryllium		1.98	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	760	mg/kg		50	SW846-6010A
Chromium		11.1	mg/kg		2	SW846-6010A
Cobalt		6.08	mg/kg		1	SW846-6010A
Copper		10.7	mg/kg		2	SW846-6010A
Iron	*N	33400	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	727	mg/kg		15	SW846-6010A
Manganese		93.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.2	mg/kg		5	SW846-6010A
Potassium	N	892	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		366	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.6	mg/kg		2	SW846-6010A
Zinc		48	mg/kg		15	SW846-6010A
RADS						
Alpha activity		16.1	pCi/g	7.1	9.3	SW846-9310
Americium-241	U	6.6	pCi/g	0	6.6	DNT
Beta activity		24	pCi/g	5.4	7.4	SW846-9310
Cesium-137	U	0.88	pCi/g	0	0.88	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	5.6	pCi/g	0	5.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1-Dichloroethene	U	0.389 mg/kg	0.389	SW846-8021 M
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.389 mg/kg	0.389	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.389 mg/kg	0.389	SW846-8021 M
Trichloroethene		9.2 mg/kg	0.389	SW846-8021 M

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WAG 3 - SWMU 4

Vinyl chloride	U	0.389	mg/kg	0.389	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004030SA060

Collected: 8/4/1999 Media Type: SO Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		2.32	pCi/g	0.5	0.71	RL-7111
Alpha activity		24.6	pCi/g	7.5	8.4	SW846-9310
Americium-241	U	1.5	pCi/g	0	1.5	DNT
Beta activity		32.1	pCi/g	4.7	5.7	SW846-9310
Beta activity		3.42	pCi/g	0.38	0.84	RL-7111
Cesium-137	U	0.51	pCi/g	0	0.51	DNT
Cobalt-60	U	0.7	pCi/g	0	0.7	DNT
Protactinium-234m	U	92	pCi/g	0	92	DNT
Technetium-99	A	0.128	pCi/g	0.734	4.09	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	4.7	pCi/g	0	4.7	DNT
VOA						
1,1-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
cis-1,2-Dichloroethene		3.9	mg/kg		0.31	SW846-8021 M
trans-1,2-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
Trichloroethene		25	mg/kg		0.31	SW846-8021 M
Vinyl chloride	J	0.24	mg/kg		0.31	SW846-8021 M

004030SA006

Collected: 8/6/1999 Media Type: SO Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Cesium-137		1.48	pCi/g	0.34	0.358	RL-7124
Plutonium-239/240		4.17	pCi/g	0.301	0.0677	RL-7120
Technetium-99		269	pCi/g	10.5	4.09	RL-7116
Thorium-230		68.7	pCi/g	1.81	0.329	RL-7120
Uranium		6260	pCi/g	1040	35	RL-7124

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ERI99-W3-4

WAG 3 - SWMU 4

004031SA005

Collected: 8/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		35.91	pCi/g	2	0.71	RL-7111
Americium-241	A	-0.0317	pCi/g	0.0634	0.24	RL-7124
Beta activity		88.79	pCi/g	2.22	0.84	RL-7111
Neptunium-237	A	0.0114	pCi/g	0.0228	0.0964	RL-7124
Plutonium-239/240	A	0.0602	pCi/g	0.0406	0.0647	RL-7120
Radium-226		2.53	pCi/g	5.06	0.752	RL-7124
Technetium-99	A	2.98	pCi/g	2.93	4.09	RL-7116
Thorium-234		15.1	pCi/g	1.04	0.951	RL-7124
Uranium		25.3	pCi/g	6.67	2.97	RL-7124
Uranium-234		8.2	pCi/g	2.16	0.959	RL-7124
Uranium-235		0.45	wt %	0.04		RL-7124
Uranium-235		0.371	wt %			AS7300
Uranium-238		16.6	pCi/g	2.78	1.94	RL-7124

004031SA010

Collected: 8/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	A	-0.0843	pCi/g	0.169	0.248	RL-7124
Neptunium-237	A	0.0392	pCi/g	0.0784	0.0822	RL-7124
Plutonium-239/240	A	0.0161	pCi/g	0.0306	0.0662	RL-7120
Radium-226		1.82	pCi/g	3.64	0.585	RL-7124
Thorium-234		34.6	pCi/g	69.3	2.28	RL-7124
Uranium		51.7	pCi/g	10.2	2.59	RL-7124
Uranium-234		14.5	pCi/g	2.85	0.72	RL-7124
Uranium-235		0.362	wt %			AS7300
Uranium-235		0.4	wt %	0.03		RL-7124
Uranium-238		36.3	pCi/g	2.78	1.8	RL-7124

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ERI99-W3-4

WAG 3 - SWMU 4

004051SA021

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6360	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		20	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		590	mg/kg		50	SW846-6010A
Chromium		6.2	mg/kg		2	SW846-6010A
Cobalt		1.61	mg/kg		1	SW846-6010A
Copper		2.82	mg/kg		2	SW846-6010A
Iron	NW	5100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	523	mg/kg		15	SW846-6010A
Manganese		21.7	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	240	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	266	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.4	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		6.28	none			SW846-9045
RADS						
Alpha activity		20	pCi/g	6.7	7.6	SW846-9310
Americium-241	U	2.3	pCi/g	0	2.3	DNT
Beta activity		18.9	pCi/g	4.3	5.8	SW846-9310
Cesium-137	U	0.79	pCi/g	0	0.79	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0.483	pCi/g	4.63	4.04	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	5.1	pCi/g	0	5.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1-Dichloroethene	U	0.326 mg/kg	0.326	SW846-8021 M
cis-1,2-Dichloroethene	U	0.326 mg/kg	0.326	SW846-8021 M
trans-1,2-Dichloroethene	U	0.326 mg/kg	0.326	SW846-8021 M
Trichloroethene	U	0.326 mg/kg	0.326	SW846-8021 M
Vinyl chloride	U	0.326 mg/kg	0.326	SW846-8021 M

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ERI99-W3-4

WAG 3 - SWMU 4

WETCHEM

Cyanide U 1 mg/kg 1 SW846-9014

004051SA025

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		9.9	pCi/g	5.6	7.9	SW846-9310
Americium-241	U	6.1	pCi/g	0	6.1	DNT
Beta activity		15.8	pCi/g	4	5.7	SW846-9310
Cesium-137	U	0.65	pCi/g	0	0.65	DNT
Cobalt-60	U	0.89	pCi/g	0	0.89	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0.378	pCi/g	0.892	4.04	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	5.2	pCi/g	0	5.2	DNT
VOA						
1,1-Dichloroethene	U	0.288	mg/kg		0.288	SW846-8021 M
cis-1,2-Dichloroethene	U	0.288	mg/kg		0.288	SW846-8021 M
trans-1,2-Dichloroethene	U	0.288	mg/kg		0.288	SW846-8021 M
Trichloroethene	U	0.288	mg/kg		0.288	SW846-8021 M
Vinyl chloride	U	0.288	mg/kg		0.288	SW846-8021 M

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ERI99-W3-4

WAG 3 - SWMU 4

004051SA042

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	2910	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		15.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		242	mg/kg		50	SW846-6010A
Chromium		10.9	mg/kg		2	SW846-6010A
Cobalt		1.89	mg/kg		1	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	NW	3750	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	96	mg/kg		15	SW846-6010A
Manganese		30.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	109	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	234	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.5	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
RADS						
Alpha activity		17.8	pCi/g	5.9	6.5	SW846-9310
Alpha activity		1.65	pCi/g	0.41	0.66	RL-7111
Americium-241	U	4.9	pCi/g	0	4.9	DNT
Beta activity		1.21	pCi/g	0.19	0.78	RL-7111
Beta activity		10.9	pCi/g	3.3	4.8	SW846-9310
Cesium-137	U	0.65	pCi/g	0	0.65	DNT
Cobalt-60	U	0.89	pCi/g	0	0.89	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0	pCi/g	0	4.04	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate		0.747 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
cis-1,2-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
trans-1,2-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
Trichloroethene		0.46 mg/kg	0.393	SW846-8021 M
Vinyl chloride	U	0.393 mg/kg	0.393	SW846-8021 M

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WAG 3 - SWMU 4

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-4

WAG 3 - SWMU 4

004051SA051

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7020	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		34.6	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		523	mg/kg		50	SW846-6010A
Chromium		7.41	mg/kg		2	SW846-6010A
Cobalt		2.69	mg/kg		1	SW846-6010A
Copper		3.52	mg/kg		2	SW846-6010A
Iron	NW	14900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	439	mg/kg		15	SW846-6010A
Manganese		24.5	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	561	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	212	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11	mg/kg		2	SW846-6010A
Zinc		23.5	mg/kg		15	SW846-6010A
RADS						
Alpha activity		21.1	pCi/g	7	7.5	SW846-9310
Americium-241	U	2.3	pCi/g	0	2.3	DNT
Beta activity		21.8	pCi/g	5.1	7	SW846-9310
Cesium-137	U	0.79	pCi/g	0	0.79	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0.476	pCi/g	0.855	4.04	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	5.1	pCi/g	0	5.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.413 mg/kg	0.413	SW846-8021 M
cis-1,2-Dichloroethene	U	0.413 mg/kg	0.413	SW846-8021 M
trans-1,2-Dichloroethene	U	0.413 mg/kg	0.413	SW846-8021 M
Trichloroethene	U	0.413 mg/kg	0.413	SW846-8021 M
Vinyl chloride	U	0.413 mg/kg	0.413	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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WAG 3 - SWMU 4

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ERI99-W3-4

WAG 3 - SWMU 4

004052SA021

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5700	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		27.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		518	mg/kg		50	SW846-6010A
Chromium		17.8	mg/kg		2	SW846-6010A
Cobalt		2.97	mg/kg		1	SW846-6010A
Copper		2.45	mg/kg		2	SW846-6010A
Iron	NW	5510	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	397	mg/kg		15	SW846-6010A
Manganese		197	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	190	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	246	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		14.8	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		8.35	none			SW846-9045
RADS						
Alpha activity		8.5	pCi/g	5.8	8.5	SW846-9310
Americium-241	U	2.3	pCi/g	0	2.3	DNT
Beta activity		15.8	pCi/g	5.8	8.7	SW846-9310
Cesium-137	U	0.79	pCi/g	0	0.79	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0.347	pCi/g	0.726	4.04	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	5	pCi/g	0	5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.338 mg/kg	0.338	SW846-8021 M

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1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.338	mg/kg	0.338	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.025	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.338	mg/kg	0.338	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.338	mg/kg	0.338	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.338	mg/kg	0.338	SW846-8021 M
WETCHEM					
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

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12/18/2007

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ERI99-W3-4

WAG 3 - SWMU 4

004052SA025

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		14.5	pCi/g	6.9	9.2	SW846-9310
Americium-241	U	8	pCi/g	0	8	DNT
Beta activity		15.6	pCi/g	5	7.3	SW846-9310
Cesium-137	U	0.93	pCi/g	0	0.93	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.732	pCi/g	16.3	4.04	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	6	pCi/g	0	6	DNT
VOA						
1,1-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
cis-1,2-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
trans-1,2-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
Trichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
Vinyl chloride	U	0.289	mg/kg		0.289	SW846-8021 M

Paducah-OREIS Data Report

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ERI99-W3-4

WAG 3 - SWMU 4

004052SA042

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8240	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Barium	*N	22.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	571	mg/kg		50	SW846-6010A
Chromium		13	mg/kg		2	SW846-6010A
Cobalt		1.75	mg/kg		1	SW846-6010A
Copper		3.41	mg/kg		2	SW846-6010A
Iron	*NW	8210	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	311	mg/kg		15	SW846-6010A
Manganese	*NW	74.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		19.1	mg/kg		5	SW846-6010A
Potassium	*N	250	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	263	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.8	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
RADS						
Alpha activity		22	pCi/g	7.3	8.7	SW846-9310
Alpha activity		2.32	pCi/g	0.49	0.66	RL-7111
Americium-241		2.8	pCi/g	2.9	7.4	DNT
Beta activity		1.93	pCi/g	0.26	0.78	RL-7111
Beta activity		12.7	pCi/g	3.9	5.7	SW846-9310
Cesium-137	U	0.98	pCi/g	0	0.98	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.174	pCi/g	0.55	4.04	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	6.3	pCi/g	0	6.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 4

2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.387 mg/kg	0.387	SW846-8021 M

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WAG 3 - SWMU 4

1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.387	mg/kg	0.387	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.387	mg/kg	0.387	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.387	mg/kg	0.387	SW846-8021 M
Vinyl chloride	U	0.387	mg/kg	0.387	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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004-052

ERI99-W3-4

WAG 3 - SWMU 4

004052SA051

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7230	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		22.1	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		528	mg/kg		50	SW846-6010A
Chromium		8.31	mg/kg		2	SW846-6010A
Cobalt		3.42	mg/kg		1	SW846-6010A
Copper		3.3	mg/kg		2	SW846-6010A
Iron	*N	17100	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	389	mg/kg		15	SW846-6010A
Manganese		101	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	439	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.9	mg/kg		2	SW846-6010A
Zinc		26.3	mg/kg		15	SW846-6010A
RADS						
Alpha activity		20.6	pCi/g	8.2	11	SW846-9310
Americium-241	U	7.4	pCi/g	0	7.4	DNT
Beta activity		23.3	pCi/g	5.9	8.4	SW846-9310
Cesium-137	U	0.99	pCi/g	0	0.99	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.128	pCi/g	0.475	4.04	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-4

WAG 3 - SWMU 4

2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	J	0.211 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260

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ERI99-W3-4

WAG 3 - SWMU 4

1,1-Dichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.344	mg/kg	0.344	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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004-022

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004022SA014

Collected: 12/1/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	105	mg/kg		1	SW846-6010A
Beryllium		0.8	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1290	mg/kg		100	SW846-6010A
Chromium		16.5	mg/kg		2	SW846-6010A
Cobalt	*N	3.1	mg/kg		2	SW846-6010A
Copper		7.52	mg/kg		2	SW846-6010A
Iron	*NW	7880	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1270	mg/kg		15	SW846-6010A
Manganese	*N	58.9	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.3	mg/kg		5	SW846-6010A
Potassium	N	426	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	227	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		23.7	mg/kg		2	SW846-6010A
Zinc		34.1	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.25	pCi/g	3.16	1.31	RL-7111
Americium-241	AX	-0.0042	pCi/g	0.0083	0.0895	RL-7124
Beta activity		1.29	pCi/g	0.67	0.7	RL-7111
Neptunium-237	A	-0.0243	pCi/g	0.0486	0.0417	RL-7124
Plutonium-239/240	A	-0.0091	pCi/g	0.0062	0.048	RL-7120
Radium-226	U	1.39	pCi/g	2.78	0.363	RL-7124
Technetium-99	A	1.25	pCi/g	2.91	4.23	RL-7116
Thorium-234	U	0.829	pCi/g	1.66	0.479	RL-7124
Uranium	U	1.52	pCi/g	2.22	1.15	RL-7124
Uranium-234	U	0.597	pCi/g	0.873	0.447	RL-7124
Uranium-235		0.56	wt %	0.38		RL-7124
Uranium-238	U	0.891	pCi/g	0.368	0.666	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,3-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	6.1	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0051	mg/kg	0.0051	OA33499026
1,2-Dichloroethane	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JUY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.15	mg/kg	0.15	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.15	mg/kg	0.15	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.001	mg/kg	0.001	OA33499026
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	15	mg/kg	15	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004022SA035

Collected: 12/1/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7330	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	20	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		659	mg/kg		100	SW846-6010A
Chromium		9.64	mg/kg		2	SW846-6010A
Cobalt	*NU	2	mg/kg		2	SW846-6010A
Copper		3.5	mg/kg		2	SW846-6010A
Iron	*NW	4880	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	593	mg/kg		15	SW846-6010A
Manganese	*N	19.6	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	250	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	250	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		12.7	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.82	pCi/g	2.7	1.31	RL-7111
Americium-241	A	0.0192	pCi/g	0.0385	0.0759	RL-7124
Beta activity		0.77	pCi/g	0.43	0.7	RL-7111
Neptunium-237	A	0.0183	pCi/g	0.0366	0.0378	RL-7124
Plutonium-239/240	A	-0.0080	pCi/g	0.0083	0.048	RL-7120
Radium-226	U	1.17	pCi/g	2.33	0.307	RL-7124
Technetium-99	A	0	pCi/g	0	4.23	RL-7116
Thorium-234	U	0.757	pCi/g	1.51	0.393	RL-7124
Uranium	U	1.72	pCi/g	2.81	1.22	RL-7124
Uranium-234	U	0.794	pCi/g	1.3	0.564	RL-7124
Uranium-235		0.825	wt %			AS7300
Uranium-235		0.7	wt %	0.48		RL-7124
Uranium-238	U	0.883	pCi/g	0.742	0.627	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	1.6	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0074	mg/kg	0.0074	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.22	mg/kg	0.22	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.22	mg/kg	0.22	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0011	mg/kg	0.0011	OA33499026
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	22	mg/kg	22	OA33499026

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004022SA047

Collected: 12/1/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	14600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	44.7	mg/kg		1	SW846-6010A
Beryllium		0.98	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		702	mg/kg		100	SW846-6010A
Chromium		10.9	mg/kg		2	SW846-6010A
Cobalt	*N	4.49	mg/kg		2	SW846-6010A
Copper		4.41	mg/kg		2	SW846-6010A
Iron	*NW	11800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	446	mg/kg		15	SW846-6010A
Manganese	*N	69.6	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.09	mg/kg		5	SW846-6010A
Potassium	N	511	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JU	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		25.5	mg/kg		2	SW846-6010A
Zinc		20.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.22	pCi/g	3.15	1.31	RL-7111
Americium-241	AX	-0.0365	pCi/g	0.0729	0.0843	RL-7124
Beta activity		1.8	pCi/g	0.88	0.7	RL-7111
Neptunium-237	A	0.00962	pCi/g	0.0192	0.0464	RL-7124
Plutonium-239/240	A	-0.0141	pCi/g	0.0037	0.0482	RL-7120
Radium-226	U	1.38	pCi/g	2.75	0.364	RL-7124
Technetium-99	A	0.812	pCi/g	0.992	4.23	RL-7116
Thorium-234	U	0.901	pCi/g	1.8	0.47	RL-7124
Uranium	U	2.51	pCi/g	3.63	0.607	RL-7124
Uranium-234	U	1.47	pCi/g	2.13	0.345	RL-7124
Uranium-235		0.684	wt %			AS7300
Uranium-235		1.06	wt %	0.72		RL-7124
Uranium-238	U	0.968	pCi/g	0.358	0.223	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	5	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene		0.014	mg/kg	0.005	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	EJ	1.3	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		9.8	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		41	mg/kg	0.48	OA33499026
Trichloroethene	EJY	1.8	mg/kg	0.01	SW846-8260
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	EJ	0.22	mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004022SA059

Collected: 12/2/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10400	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	19.4	mg/kg		1	SW846-6010A
Beryllium		0.89	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		854	mg/kg		100	SW846-6010A
Chromium		10.1	mg/kg		2	SW846-6010A
Cobalt	*N	2.61	mg/kg		2	SW846-6010A
Copper		6.82	mg/kg		2	SW846-6010A
Iron	*NW	5990	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	535	mg/kg		15	SW846-6010A
Manganese	*N	164	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.57	mg/kg		5	SW846-6010A
Potassium	N	753	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JU	200	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		34	mg/kg		2	SW846-6010A
Zinc		22.9	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.02	pCi/g	1.43	0.96	RL-7111
Americium-241	AX	-0.0325	pCi/g	0.065	0.08	RL-7124
Beta activity		1.83	pCi/g	0.75	0.41	RL-7111
Neptunium-237	A	0.00088	pCi/g	0.0018	0.0434	RL-7124
Plutonium-239/240	A	-0.0053	pCi/g	0.0091	0.0479	RL-7120
Radium-226	U	1.1	pCi/g	2.2	0.332	RL-7124
Technetium-99	A	0.198	pCi/g	0.282	4.48	RL-7116
Thorium-234		0.939	pCi/g	0.252	0.296	RL-7124
Uranium	U	1.87	pCi/g	3.18	1.33	RL-7124
Uranium-234	U	0.849	pCi/g	1.44	0.605	RL-7124
Uranium-235		0.74	wt %			AS7300
Uranium-235		0.68	wt %	0.46		RL-7124
Uranium-238	U	0.977	pCi/g	0.932	0.696	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,2-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	5.8	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	OA33499026
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.086	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.46	mg/kg	0.3	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.3	mg/kg	0.3	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		4.9	mg/kg	0.042	OA33499026
Trichloroethene	EY	0.28	mg/kg	0.01	SW846-8260
Vinyl chloride	U	30	mg/kg	30	OA33499026
Vinyl chloride		0.018	mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004-022

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004022SA073

Collected: 12/2/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.69	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	10600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	26	mg/kg		1	SW846-6010A
Beryllium		0.99	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		837	mg/kg		100	SW846-6010A
Chromium		9.66	mg/kg		2	SW846-6010A
Cobalt	*N	2.89	mg/kg		2	SW846-6010A
Copper		4.94	mg/kg		2	SW846-6010A
Iron	*NW	11700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	650	mg/kg		15	SW846-6010A
Manganese	*N	162	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.92	mg/kg		5	SW846-6010A
Potassium	N	776	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JU	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		21.9	mg/kg		2	SW846-6010A
Zinc		34.1	mg/kg		20	SW846-6010A
PHYSC						
pH		6.96	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.51	pCi/g	2.03	0.96	RL-7111
Americium-241	AX	-0.0051	pCi/g	0.0102	0.0924	RL-7124
Beta activity		0.76	pCi/g	0.37	0.41	RL-7111
Neptunium-237	A	-0.0046	pCi/g	0.0092	0.0476	RL-7124
Plutonium-239/240	A	-0.0072	pCi/g	0.0067	0.048	RL-7120
Radium-226	U	1.66	pCi/g	3.33	0.416	RL-7124
Technetium-99	A	0	pCi/g	0	4.48	RL-7116
Thorium-234		0.815	pCi/g	1.63	0.497	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,3-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	B	5.9	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Nitrobenzene	U	0.46 mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46 mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46 mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46 mg/kg	0.46	SW846-8270
Phenol	U	0.46 mg/kg	0.46	SW846-8270
Pyrene	U	0.46 mg/kg	0.46	SW846-8270
Pyridine	U	0.46 mg/kg	0.46	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0063 mg/kg	0.0063	OA33499026
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		2.5 mg/kg	0.19	OA33499026
cis-1,2-Dichloroethene	E	0.29 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19 mg/kg	0.19	OA33499026
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		6 mg/kg	0.064	OA33499026
Trichloroethene	EY	0.46 mg/kg	0.01	SW846-8260
Vinyl chloride		0.011 mg/kg	0.01	SW846-8260
Vinyl chloride	U	19 mg/kg	19	OA33499026
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		22.9 %		ASTM-D2216-92

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004022SA085

Collected: 12/2/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity	A	0.29	pCi/g	0.34	0.96	RL-7111
Beta activity		1.07	pCi/g	0.49	0.41	RL-7111
Technetium-99	A	0.189	pCi/g	4.39	4.48	RL-7116
VOA						
1,1-Dichloroethene	U	0.0083	mg/kg		0.0083	OA33499026
cis-1,2-Dichloroethene	U	0.25	mg/kg		0.25	OA33499026
trans-1,2-Dichloroethene	U	0.25	mg/kg		0.25	OA33499026
Trichloroethene		1.1	mg/kg		0.018	OA33499026
Vinyl chloride	U	25	mg/kg		25	OA33499026

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004-025

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SA014

Collected: 11/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9420	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	7.28	mg/kg		5	SW846-7060
Barium		251	mg/kg		1	SW846-6010A
Beryllium		0.77	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		3600	mg/kg		100	SW846-6010A
Chromium		15.1	mg/kg		2	SW846-6010A
Cobalt		17.6	mg/kg		2	SW846-6010A
Copper		22.1	mg/kg		2	SW846-6010A
Iron	*NW	11100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	2650	mg/kg		15	SW846-6010A
Manganese	N	1060	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		36	mg/kg		5	SW846-6010A
Potassium	N	572	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	503	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		21.3	mg/kg		2	SW846-6010A
Zinc		74.4	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248		0.3	mg/kg		0.1	SW846-8082
PCB-1254		0.2	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		0.5	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		10.72	pCi/g	4.8	1.52	RL-7111
Americium-241	A	0.152	pCi/g	0.304	0.201	RL-7124
Beta activity		9.51	pCi/g	2.9	0.72	RL-7111
Neptunium-237	A	0.0294	pCi/g	0.0588	0.0802	RL-7124
Plutonium-239/240	A	0.00717	pCi/g	0.0125	0.0486	RL-7120
Radium-226		0.66	pCi/g	0.0575	0.145	RL-7124
Technetium-99	A	0.745	pCi/g	3.02	4.33	RL-7116
Thorium-234		4.47	pCi/g	2.07	0.754	RL-7124
Uranium		8.64	pCi/g	6.36	2.53	RL-7124
Uranium-234		3.06	pCi/g	2.26	0.892	RL-7124
Uranium-235		0.41	wt %			AS7300
Uranium-235		0.5	wt %	0.15		RL-7124
Uranium-238		5.41	pCi/g	1.93	1.57	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

*QUALIFIER Codes See attached List.

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	0.92	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Naphthalene	U	0.47 mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47 mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47 mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47 mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47 mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47 mg/kg	0.47	SW846-8270
Phenol	U	0.47 mg/kg	0.47	SW846-8270
Pyrene	U	0.47 mg/kg	0.47	SW846-8270
Pyridine	U	0.47 mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006 mg/kg	0.006	OA33499026
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18 mg/kg	0.18	OA33499026
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18 mg/kg	0.18	OA33499026
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012 mg/kg	0.0012	OA33499026
Vinyl chloride	U	18 mg/kg	18	OA33499026
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	UX	1 mg/kg	1	SW846-9014
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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SA035

Collected: 11/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		1.64	pCi/g	1.89	1.52	RL-7111
Americium-241	AX	-0.0146	pCi/g	0.0292	0.0695	RL-7124
Beta activity		0.79	pCi/g	0.5	0.72	RL-7111
Neptunium-237	A	-0.0039	pCi/g	0.0077	0.0356	RL-7124
Plutonium-239/240	A	-0.0071	pCi/g	0.0086	0.0485	RL-7120
Radium-226	U	1.23	pCi/g	2.47	0.301	RL-7124
Technetium-99	A	0.462	pCi/g	0.6	4.33	RL-7116
Thorium-234		1.62	pCi/g	0.258	0.261	RL-7124
Uranium	U	3.21	pCi/g	4.59	1.02	RL-7124
Uranium-234	U	1.39	pCi/g	1.96	0.431	RL-7124
Uranium-235		0.512	wt %			AS7300
Uranium-235		0.63	wt %	0.43		RL-7124
Uranium-238	U	1.77	pCi/g	0.675	0.556	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026

*QUALIFIER Codes See attached List.

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WAG 3 - SWMU 4 - Phase II

trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.001	mg/kg	0.001	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	15	mg/kg	15	OA33499026

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SA047

Collected: 11/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7580	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		22.2	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1270	mg/kg		100	SW846-6010A
Chromium		14.9	mg/kg		2	SW846-6010A
Cobalt		2.5	mg/kg		2	SW846-6010A
Copper		4.3	mg/kg		2	SW846-6010A
Iron	*NW	15800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	237	mg/kg		15	SW846-6010A
Manganese	N	94.5	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	265	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JU	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		75.5	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.66	pCi/g	2.37	1.52	RL-7111
Americium-241	AX	-0.0414	pCi/g	0.0828	0.0909	RL-7124
Beta activity		2.91	pCi/g	1.37	0.72	RL-7111
Neptunium-237	A	-0.0178	pCi/g	0.0355	0.0452	RL-7124
Plutonium-239/240	A	-0.0082	pCi/g	0.0076	0.0486	RL-7120
Radium-226	U	1.06	pCi/g	2.12	0.359	RL-7124
Technetium-99	A	0	pCi/g	0	4.33	RL-7116
Thorium-234	U	1.13	pCi/g	2.25	0.505	RL-7124
Uranium	U	1.9	pCi/g	2.74	0.414	RL-7124
Uranium-234	U	0.649	pCi/g	0.936	0.135	RL-7124
Uranium-235		0.645	wt %			AS7300
Uranium-235		0.48	wt %	0.33		RL-7124
Uranium-238	U	1.21	pCi/g	0.408	0.248	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 4 - Phase II

1,2-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	1.2	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270

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WAG 3 - SWMU 4 - Phase II

Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0066	mg/kg	0.0066	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg	0.0013	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	20	mg/kg	20	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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12/18/2007

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SA059

Collected: 11/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	13700	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	7.7	mg/kg		5	SW846-7060
Barium		65.2	mg/kg		1	SW846-6010A
Beryllium		1.04	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1220	mg/kg		100	SW846-6010A
Chromium		14.8	mg/kg		2	SW846-6010A
Cobalt		3.97	mg/kg		2	SW846-6010A
Copper		7.93	mg/kg		2	SW846-6010A
Iron	*NW	20000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	862	mg/kg		15	SW846-6010A
Manganese	N	72	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.57	mg/kg		5	SW846-6010A
Potassium	N	1100	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	281	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		26.6	mg/kg		2	SW846-6010A
Zinc		42.1	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.75	pCi/g	2.83	1.52	RL-7111
Americium-241	AX	0.0119	pCi/g	0.0238	0.0931	RL-7124
Beta activity		3.43	pCi/g	1.54	0.72	RL-7111
Neptunium-237	A	-0.0126	pCi/g	0.0252	0.0472	RL-7124
Plutonium-239/240	A	-0.0079	pCi/g	0.0099	0.0491	RL-7120
Radium-226	U	1.43	pCi/g	2.87	0.383	RL-7124
Technetium-99	A	0	pCi/g	0	4.33	RL-7116
Thorium-234		1.26	pCi/g	0.36	0.323	RL-7124
Uranium	U	2.2	pCi/g	3.54	1.32	RL-7124
Uranium-234	U	0.856	pCi/g	1.38	0.51	RL-7124
Uranium-235		0.632	wt %			AS7300
Uranium-235		0.56	wt %	0.38		RL-7124
Uranium-238	U	1.29	pCi/g	1.03	0.769	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	2	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0042	mg/kg	0.0042	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.13	mg/kg	0.13	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.13	mg/kg	0.13	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0008	mg/kg	0.0008	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	13	mg/kg	13	OA33499026

WETCHEM

Cyanide	UX	1	mg/kg	1	SW846-9014
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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SA073

Collected: 11/22/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.69	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	17500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	74.6	mg/kg		1	SW846-6010A
Beryllium		1.9	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1150	mg/kg		100	SW846-6010A
Chromium		22.7	mg/kg		2	SW846-6010A
Cobalt	*N	8.65	mg/kg		2	SW846-6010A
Copper		9.6	mg/kg		2	SW846-6010A
Iron	*NW	23800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1450	mg/kg		15	SW846-6010A
Manganese	*N	147	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		17.5	mg/kg		5	SW846-6010A
Potassium	N	1740	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JU	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		28.3	mg/kg		2	SW846-6010A
Zinc		74.1	mg/kg		20	SW846-6010A
PHYSC						
pH		6.97	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.21	pCi/g	2.43	1.08	RL-7111
Americium-241	AX	0.0962	pCi/g	0.192	0.129	RL-7124
Beta activity		3.91	pCi/g	1.5	0.62	RL-7111
Neptunium-237	A	0.0148	pCi/g	0.0296	0.0641	RL-7124
Plutonium-239/240	A	-0.0147	pCi/g	0.0049	0.0486	RL-7120
Radium-226		0.463	pCi/g	0.0569	0.31	RL-7124
Technetium-99	A	0.413	pCi/g	5.66	3.88	RL-7116
Thorium-234	U	1.42	pCi/g	2.85	0.7	RL-7124
Uranium	U	2.44	pCi/g	4.23	1.56	RL-7124
Uranium-234	U	1.15	pCi/g	1.99	0.729	RL-7124
Uranium-235		0.72	wt %	0.49		RL-7124

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Uranium-235		0.633	wt %			AS7300
Uranium-238	U	1.23	pCi/g	1.23	0.779	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg		0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg		0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg		0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg		0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg		0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg		0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg		0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg		0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg		0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg		0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg		0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg		0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg		0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg		0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg		0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg		0.48	SW846-8270
Anthracene	U	0.48	mg/kg		0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg		0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg		0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg		0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg		0.48	SW846-8270
Carbazole	U	0.48	mg/kg		0.48	SW846-8270
Chrysene	U	0.48	mg/kg		0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg		0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg		0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg		0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg		0.48	SW846-8270
Di-n-butyl phthalate	B	2.2	mg/kg		0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg		0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg		0.48	SW846-8270
Fluorene	U	0.48	mg/kg		0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg		0.48	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0078	mg/kg	0.0078	OA33499026
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.23	mg/kg	0.23	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.23	mg/kg	0.23	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0016	mg/kg	0.0016	OA33499026
Vinyl chloride	U	23	mg/kg	23	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260

WETCHEM

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Cyanide	UX	1	mg/kg	1	SW846-9014
Moisture		20.7	%		ASTM-D2216-92

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

004-025

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SA085

Collected: 11/22/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		1.17	pCi/g	1.17	1.08	RL-7111
Americium-241	AX	-0.0217	pCi/g	0.0435	0.111	RL-7124
Beta activity	A	0.46	pCi/g	0.27	0.62	RL-7111
Neptunium-237	A	0.0105	pCi/g	0.0209	0.058	RL-7124
Plutonium-239/240	A	-0.0042	pCi/g	0.0093	0.0488	RL-7120
Radium-226	U	1.58	pCi/g	3.15	0.466	RL-7124
Technetium-99	A	1.36	pCi/g	2.8	3.88	RL-7116
Thorium-234	U	0.636	pCi/g	1.27	0.6	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.0046	mg/kg		0.0046	OA33499026
1,1-Dichloroethene	UY	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0009	mg/kg		0.0009	OA33499026
Vinyl chloride	U	14	mg/kg		14	OA33499026
Vinyl chloride	UY	0.01	mg/kg		0.01	SW846-8260

*QUALIFIER Codes See attached List.

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004-025

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004025SD073

Collected: 11/22/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	14500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	81.6	mg/kg		1	SW846-6010A
Beryllium		1.63	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1210	mg/kg		100	SW846-6010A
Chromium		18.7	mg/kg		2	SW846-6010A
Cobalt	*N	18.2	mg/kg		2	SW846-6010A
Copper		9.08	mg/kg		2	SW846-6010A
Iron	*NW	21100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1400	mg/kg		15	SW846-6010A
Manganese	*N	218	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		17.7	mg/kg		5	SW846-6010A
Potassium	N	1480	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JU	200	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		24.9	mg/kg		2	SW846-6010A
Zinc		70.4	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.5	pCi/g	2.49	1.08	RL-7111
Americium-241	AX	0.0113	pCi/g	0.0226	0.132	RL-7124
Beta activity		6.67	pCi/g	2.14	0.62	RL-7111
Neptunium-237	A	-0.0020	pCi/g	0.0040	0.068	RL-7124
Plutonium-239/240	A	-0.0043	pCi/g	0.0099	0.0487	RL-7120
Radium-226	U	1.96	pCi/g	3.93	0.557	RL-7124
Technetium-99	AX	1.11	pCi/g	7.65	4.48	RL-7116
Thorium-234	U	1.9	pCi/g	3.81	0.752	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 4 - Phase II

2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	1.6	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 4 - Phase II

Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0053	mg/kg	0.0053	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0011	mg/kg	0.0011	OA33499026
Trichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004026SA014

Collected: 11/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8160	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		95	mg/kg		1	SW846-6010A
Beryllium		0.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1360	mg/kg		100	SW846-6010A
Chromium		13.8	mg/kg		2	SW846-6010A
Cobalt		6.39	mg/kg		2	SW846-6010A
Copper		6.04	mg/kg		2	SW846-6010A
Iron	*NW	15100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1410	mg/kg		15	SW846-6010A
Manganese	N	357	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.79	mg/kg		5	SW846-6010A
Potassium	N	401	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	410	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		22.9	mg/kg		2	SW846-6010A
Zinc		29.6	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.27	pCi/g	2.67	1.86	RL-7111
Americium-241	AX	0.0209	pCi/g	0.0418	0.117	RL-7124
Beta activity		2.74	pCi/g	1.41	0.74	RL-7111
Neptunium-237	A	-0.0069	pCi/g	0.0138	0.0617	RL-7124
Plutonium-239/240	A	-0.0099	pCi/g	0.0105	0.0532	RL-7120
Radium-226		0.304	pCi/g	0.0652	0.279	RL-7124
Technetium-99	A	0	pCi/g	0	3.72	RL-7116
Thorium-234		0.946	pCi/g	1.89	0.629	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 4 - Phase II

2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	1.4	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0053	mg/kg	0.0053	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JUX	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0036	mg/kg	0.001	OA33499026
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

004-026

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004026SA035

Collected: 11/15/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8080	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		31.8	mg/kg		1	SW846-6010A
Beryllium		0.86	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		870	mg/kg		100	SW846-6010A
Chromium		14.5	mg/kg		2	SW846-6010A
Cobalt		3.83	mg/kg		2	SW846-6010A
Copper		5.65	mg/kg		2	SW846-6010A
Iron	*NW	10600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	694	mg/kg		15	SW846-6010A
Manganese	N	38.1	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	232	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	395	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		32.3	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.95	pCi/g	2.98	1.6	RL-7111
Americium-241	AX	-0.0005	pCi/g	0.0010	0.108	RL-7124
Beta activity		3.05	pCi/g	1.44	0.69	RL-7111
Neptunium-237	A	0.0192	pCi/g	0.0384	0.0642	RL-7124
Plutonium-239/240	A	-0.0106	pCi/g	0.0096	0.0525	RL-7120
Radium-226		1.23	pCi/g	2.47	0.46	RL-7124
Technetium-99	A	0.0373	pCi/g	0.0532	3.94	RL-7116
Thorium-234		0.603	pCi/g	1.21	0.587	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
1,2-Dichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
1,3-Dichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
1,4-Dichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
2,4,5-Trichlorophenol	U	0.41	mg/kg		0.41	SW846-8270
2,4,6-Trichlorophenol	U	0.41	mg/kg		0.41	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

2,4-Dichlorophenol	U	0.41	mg/kg	0.41	SW846-8270
2,4-Dimethylphenol	U	0.41	mg/kg	0.41	SW846-8270
2,4-Dinitrophenol	U	0.41	mg/kg	0.41	SW846-8270
2,4-Dinitrotoluene	U	0.41	mg/kg	0.41	SW846-8270
2,6-Dinitrotoluene	U	0.41	mg/kg	0.41	SW846-8270
2-Chloronaphthalene	U	0.41	mg/kg	0.41	SW846-8270
2-Chlorophenol	U	0.41	mg/kg	0.41	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.41	mg/kg	0.41	SW846-8270
2-Methylnaphthalene	U	0.41	mg/kg	0.41	SW846-8270
2-Methylphenol	U	0.41	mg/kg	0.41	SW846-8270
2-Nitrobenzenamine	U	0.41	mg/kg	0.41	SW846-8270
2-Nitrophenol	U	0.41	mg/kg	0.41	SW846-8270
3,3'-Dichlorobenzidine	U	0.41	mg/kg	0.41	SW846-8270
3-Nitrobenzenamine	U	0.41	mg/kg	0.41	SW846-8270
4-Bromophenyl phenyl ether	U	0.41	mg/kg	0.41	SW846-8270
4-Chloro-3-methylphenol	U	0.41	mg/kg	0.41	SW846-8270
4-Chlorobenzenamine	U	0.41	mg/kg	0.41	SW846-8270
4-Chlorophenyl phenyl ether	U	0.41	mg/kg	0.41	SW846-8270
4-Methylphenol	U	0.41	mg/kg	0.41	SW846-8270
4-Nitrobenzenamine	U	0.41	mg/kg	0.41	SW846-8270
4-Nitrophenol	U	0.41	mg/kg	0.41	SW846-8270
Acenaphthene	U	0.41	mg/kg	0.41	SW846-8270
Acenaphthylene	U	0.41	mg/kg	0.41	SW846-8270
Anthracene	U	0.41	mg/kg	0.41	SW846-8270
Benz(a)anthracene	U	0.41	mg/kg	0.41	SW846-8270
Benzo(a)pyrene	U	0.41	mg/kg	0.41	SW846-8270
Benzo(b)fluoranthene	U	0.41	mg/kg	0.41	SW846-8270
Benzo(ghi)perylene	U	0.41	mg/kg	0.41	SW846-8270
Benzo(k)fluoranthene	U	0.41	mg/kg	0.41	SW846-8270
Bis(2-chloroethoxy)methane	U	0.41	mg/kg	0.41	SW846-8270
Bis(2-chloroethyl) ether	U	0.41	mg/kg	0.41	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.41	mg/kg	0.41	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.41	mg/kg	0.41	SW846-8270
Butyl benzyl phthalate	U	0.41	mg/kg	0.41	SW846-8270
Carbazole	U	0.41	mg/kg	0.41	SW846-8270
Chrysene	U	0.41	mg/kg	0.41	SW846-8270
Dibenz(a,h)anthracene	U	0.41	mg/kg	0.41	SW846-8270
Dibenzofuran	U	0.41	mg/kg	0.41	SW846-8270
Diethyl phthalate	U	0.41	mg/kg	0.41	SW846-8270
Dimethyl phthalate	U	0.41	mg/kg	0.41	SW846-8270
Di-n-butyl phthalate	B	1.1	mg/kg	0.41	SW846-8270
Di-n-octylphthalate	U	0.41	mg/kg	0.41	SW846-8270
Fluoranthene	U	0.41	mg/kg	0.41	SW846-8270
Fluorene	U	0.41	mg/kg	0.41	SW846-8270
Hexachlorobenzene	U	0.41	mg/kg	0.41	SW846-8270
Hexachlorobutadiene	U	0.41	mg/kg	0.41	SW846-8270
Hexachlorocyclopentadiene	U	0.41	mg/kg	0.41	SW846-8270
Hexachloroethane	U	0.41	mg/kg	0.41	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.41	mg/kg	0.41	SW846-8270
Isophorone	U	0.41	mg/kg	0.41	SW846-8270
Naphthalene	U	0.41	mg/kg	0.41	SW846-8270
Nitrobenzene	U	0.41	mg/kg	0.41	SW846-8270
N-Nitroso-di-n-propylamine	U	0.41	mg/kg	0.41	SW846-8270
N-Nitrosodiphenylamine	U	0.41	mg/kg	0.41	SW846-8270
Pentachlorophenol	U	0.41	mg/kg	0.41	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Phenanthrene	U	0.41 mg/kg	0.41	SW846-8270
Phenol	U	0.41 mg/kg	0.41	SW846-8270
Pyrene	U	0.41 mg/kg	0.41	SW846-8270
Pyridine	U	0.41 mg/kg	0.41	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0055 mg/kg	0.0055	OA33499026
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	UX	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16 mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16 mg/kg	0.16	OA33499026
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		0.0072 mg/kg	0.0011	OA33499026
Vinyl chloride	JUXY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	16 mg/kg	16	OA33499026
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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12/18/2007

004-026

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004026SA047

Collected: 11/15/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10700	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		24.6	mg/kg		1	SW846-6010A
Beryllium		0.72	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		721	mg/kg		100	SW846-6010A
Chromium		10.3	mg/kg		2	SW846-6010A
Cobalt		2.25	mg/kg		2	SW846-6010A
Copper		3.96	mg/kg		2	SW846-6010A
Iron	*NW	14000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	368	mg/kg		15	SW846-6010A
Manganese	N	60.8	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	385	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	308	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		20.2	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		6.76	pCi/g	3.9	1.6	RL-7111
Americium-241	AX	-0.0522	pCi/g	0.104	0.109	RL-7124
Beta activity		5.34	pCi/g	2.05	0.69	RL-7111
Neptunium-237	A	-0.0179	pCi/g	0.0357	0.0567	RL-7124
Plutonium-239/240	A	-0.0051	pCi/g	0.0125	0.0517	RL-7120
Radium-226		1.4	pCi/g	2.8	0.491	RL-7124
Technetium-99	A	0.619	pCi/g	3.13	3.94	RL-7116
Thorium-234	A	1.35	pCi/g	2.71	0.654	RL-7124
Uranium-235		0.717	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg		0.49	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

2,4,6-Trichlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(k)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0.49	SW846-8270
Dibenz(a,h)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Dibenzofuran	U	0.49	mg/kg	0.49	SW846-8270
Diethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Dimethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Di-n-butyl phthalate	B	1.3	mg/kg	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0.49	SW846-8270
Fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobutadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0.49	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Pentachlorophenol	U	0.49	mg/kg	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0.49	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0052	mg/kg	0.0052	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.032	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene		0.35	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.03	mg/kg	0.01	SW846-8260
Trichloroethene		0.2	mg/kg	0.002	OA33499026
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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12/18/2007

004-026

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004026SA059

Collected: 11/15/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8360	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		26.1	mg/kg		1	SW846-6010A
Beryllium		0.9	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		693	mg/kg		100	SW846-6010A
Chromium		11.5	mg/kg		2	SW846-6010A
Cobalt		2.07	mg/kg		2	SW846-6010A
Copper		7.46	mg/kg		2	SW846-6010A
Iron	*NW	19100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	519	mg/kg		15	SW846-6010A
Manganese	N	182	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.03	mg/kg		5	SW846-6010A
Potassium	N	757	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	324	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		27.5	mg/kg		2	SW846-6010A
Zinc		28.5	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		8.53	pCi/g	4.4	1.6	RL-7111
Americium-241	AX	-0.0517	pCi/g	0.103	0.147	RL-7124
Beta activity		5.34	pCi/g	2.05	0.69	RL-7111
Neptunium-237	A	0.00526	pCi/g	0.0105	0.0775	RL-7124
Plutonium-239/240	A	-0.0006	pCi/g	0.0151	0.0525	RL-7120
Radium-226		1.32	pCi/g	2.65	0.566	RL-7124
Technetium-99	A	0	pCi/g	0	3.94	RL-7116
Thorium-234		0.884	pCi/g	1.77	0.801	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.44	mg/kg		0.44	SW846-8270
1,2-Dichlorobenzene	U	0.44	mg/kg		0.44	SW846-8270
1,3-Dichlorobenzene	U	0.44	mg/kg		0.44	SW846-8270
1,4-Dichlorobenzene	U	0.44	mg/kg		0.44	SW846-8270
2,4,5-Trichlorophenol	U	0.44	mg/kg		0.44	SW846-8270
2,4,6-Trichlorophenol	U	0.44	mg/kg		0.44	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

2,4-Dichlorophenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dimethylphenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dinitrophenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dinitrotoluene	U	0.44	mg/kg	0.44	SW846-8270
2,6-Dinitrotoluene	U	0.44	mg/kg	0.44	SW846-8270
2-Chloronaphthalene	U	0.44	mg/kg	0.44	SW846-8270
2-Chlorophenol	U	0.44	mg/kg	0.44	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.44	mg/kg	0.44	SW846-8270
2-Methylnaphthalene	U	0.44	mg/kg	0.44	SW846-8270
2-Methylphenol	U	0.44	mg/kg	0.44	SW846-8270
2-Nitrobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
2-Nitrophenol	U	0.44	mg/kg	0.44	SW846-8270
3,3'-Dichlorobenzidine	U	0.44	mg/kg	0.44	SW846-8270
3-Nitrobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
4-Bromophenyl phenyl ether	U	0.44	mg/kg	0.44	SW846-8270
4-Chloro-3-methylphenol	U	0.44	mg/kg	0.44	SW846-8270
4-Chlorobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
4-Chlorophenyl phenyl ether	U	0.44	mg/kg	0.44	SW846-8270
4-Methylphenol	U	0.44	mg/kg	0.44	SW846-8270
4-Nitrobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
4-Nitrophenol	U	0.44	mg/kg	0.44	SW846-8270
Acenaphthene	U	0.44	mg/kg	0.44	SW846-8270
Acenaphthylene	U	0.44	mg/kg	0.44	SW846-8270
Anthracene	U	0.44	mg/kg	0.44	SW846-8270
Benz(a)anthracene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(a)pyrene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(b)fluoranthene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(ghi)perylene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(k)fluoranthene	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-chloroethoxy)methane	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-chloroethyl) ether	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.44	mg/kg	0.44	SW846-8270
Butyl benzyl phthalate	U	0.44	mg/kg	0.44	SW846-8270
Carbazole	U	0.44	mg/kg	0.44	SW846-8270
Chrysene	U	0.44	mg/kg	0.44	SW846-8270
Dibenz(a,h)anthracene	U	0.44	mg/kg	0.44	SW846-8270
Dibenzofuran	U	0.44	mg/kg	0.44	SW846-8270
Diethyl phthalate	U	0.44	mg/kg	0.44	SW846-8270
Dimethyl phthalate	U	0.44	mg/kg	0.44	SW846-8270
Di-n-butyl phthalate	B	1.9	mg/kg	0.44	SW846-8270
Di-n-octylphthalate	U	0.44	mg/kg	0.44	SW846-8270
Fluoranthene	U	0.44	mg/kg	0.44	SW846-8270
Fluorene	U	0.44	mg/kg	0.44	SW846-8270
Hexachlorobenzene	U	0.44	mg/kg	0.44	SW846-8270
Hexachlorobutadiene	U	0.44	mg/kg	0.44	SW846-8270
Hexachlorocyclopentadiene	U	0.44	mg/kg	0.44	SW846-8270
Hexachloroethane	U	0.44	mg/kg	0.44	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.44	mg/kg	0.44	SW846-8270
Isophorone	U	0.44	mg/kg	0.44	SW846-8270
Naphthalene	U	0.44	mg/kg	0.44	SW846-8270
Nitrobenzene	U	0.44	mg/kg	0.44	SW846-8270
N-Nitroso-di-n-propylamine	U	0.44	mg/kg	0.44	SW846-8270
N-Nitrosodiphenylamine	U	0.44	mg/kg	0.44	SW846-8270
Pentachlorophenol	U	0.44	mg/kg	0.44	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Phenanthrene	U	0.44	mg/kg	0.44	SW846-8270
Phenol	U	0.44	mg/kg	0.44	SW846-8270
Pyrene	U	0.44	mg/kg	0.44	SW846-8270
Pyridine	U	0.44	mg/kg	0.44	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.005	mg/kg	0.005	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	UX	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.15	mg/kg	0.15	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.15	mg/kg	0.15	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UX	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.012	mg/kg	0.001	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	15	mg/kg	15	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

004-026

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004026SA073

Collected: 11/15/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity	A	0.39	pCi/g	0.45	1.01	RL-7111
Americium-241	AX	0.0344	pCi/g	0.0688	0.117	RL-7124
Beta activity	A	-0.45	pCi/g	0.26	0.61	RL-7111
Neptunium-237	A	0.03	pCi/g	0.06	0.0635	RL-7124
Plutonium-239/240	A	-0.0042	pCi/g	0.012	0.0515	RL-7120
Radium-226		0.446	pCi/g	0.0361	0.257	RL-7124
Technetium-99	A	0.929	pCi/g	9.3	3.58	RL-7116
Thorium-234		0.691	pCi/g	1.38	0.618	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.0061	mg/kg		0.0061	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.12	mg/kg		0.0012	OA33499026
Trichloroethene		0.02	mg/kg		0.01	SW846-8260
Vinyl chloride	U	18	mg/kg		18	OA33499026
Vinyl chloride	JUY	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004-026

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

004026SD059

Collected: 11/15/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8920	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		34.9	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		682	mg/kg		100	SW846-6010A
Chromium		14.8	mg/kg		2	SW846-6010A
Cobalt		4.24	mg/kg		2	SW846-6010A
Copper		4.85	mg/kg		2	SW846-6010A
Iron	*NW	13700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	584	mg/kg		15	SW846-6010A
Manganese	N	158	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	821	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	J	202	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		24.4	mg/kg		2	SW846-6010A
Zinc		23	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.2	pCi/g	3.47	1.6	RL-7111
Americium-241	A	-0.0389	pCi/g	0.0779	0.142	RL-7124
Beta activity		1.78	pCi/g	0.99	0.69	RL-7111
Neptunium-237		0.00835	pCi/g	0.0167	0.0754	RL-7124
Plutonium-239/240	A	-0.0116	pCi/g	0.0103	0.053	RL-7120
Radium-226		1.43	pCi/g	2.85	0.603	RL-7124
Technetium-99	A	0.0821	pCi/g	0.364	3.94	RL-7116
Thorium-234	A	0.686	pCi/g	1.37	0.782	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

004-026

ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	1.3	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-4-2

WAG 3 - SWMU 4 - Phase II

Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.004	mg/kg	0.004	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.012	mg/kg	0.0008	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	12	mg/kg	12	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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12/18/2007

005-001

ERI99-W3-5

WAG 3 - SWMU 5

005001SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.61	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	8080	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		87.1	mg/kg		1	SW846-6010A
Beryllium		0.52	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		8110	mg/kg		50	SW846-6010A
Chromium		11.4	mg/kg		2	SW846-6010A
Cobalt		4.14	mg/kg		1	SW846-6010A
Copper		9.32	mg/kg		2	SW846-6010A
Iron	NW	11100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		992	mg/kg		15	SW846-6010A
Manganese	*N	285	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.9	mg/kg		5	SW846-6010A
Potassium	N	447	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	220	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.3	mg/kg		2	SW846-6010A
Zinc		76.1	mg/kg		15	SW846-6010A
PHYSC						
pH		8.29	none			SW846-9045
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	J	0.068	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		18.2	pCi/g	7.2	9.1	SW846-9310
Americium-241	A	6.5	pCi/g	0	6.5	DNT
Beta activity		41.4	pCi/g	5.7	7	SW846-9310
Cesium-137	A	0.68	pCi/g	0	0.68	DNT
Cobalt-60	A	0.94	pCi/g	0	0.94	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99		17.3	pCi/g	3.74	4.11	RL-7116
Thorium-234	A	14	pCi/g	0	14	DNT
Tritium	U	1.82	pCi/g	3		EPA-906.0
Uranium-235	A	5.5	pCi/g	0	5.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

1,3-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene		3.21 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene		9.43 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene		6.41 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene		10.6 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene		8.53 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene		3.65 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene		11.7 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene		6.07 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	J	1.65 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene		12.1 mg/kg	0.5	SW846-8270 M
Fluorene		4.11 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene		4.93 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene		13.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene		9.16 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		11.3 %		ASTM-D2216-92
Total Organic Carbon (TOC)		7800 mg/kg	300	XP4-TS-OA7031

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12/18/2007

005-002

ERI99-W3-5

WAG 3 - SWMU 5

005002SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.63	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	8140	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		71.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	72300	mg/kg		500	SW846-6010A
Chromium		10.6	mg/kg		2	SW846-6010A
Cobalt		5.6	mg/kg		1	SW846-6010A
Copper		8.3	mg/kg		2	SW846-6010A
Iron	NW	12600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1600	mg/kg		15	SW846-6010A
Manganese	*N	476	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.24	mg/kg		5	SW846-6010A
Potassium	N	538	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	226	mg/kg		200	SW846-6010A
Thallium	EU	15	mg/kg		15	SW846-6010A
Vanadium		21.9	mg/kg		2	SW846-6010A
Zinc		96.2	mg/kg		15	SW846-6010A
PHYSC						
pH		8.36	none			SW846-9045
PCCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	J	0.1	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		31.2	pCi/g	7.9	8.3	SW846-9310
Americium-241	A	5.6	pCi/g	0	5.6	DNT
Beta activity		36.4	pCi/g	4.5	5.1	SW846-9310
Cesium-137	A	0.65	pCi/g	0	0.65	DNT
Cobalt-60	A	0.89	pCi/g	0	0.89	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99		4.3	pCi/g	3.08	4.11	RL-7116
Thorium-234	A	17	pCi/g	0	17	DNT
Uranium-235	A	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

005-002

ERI99-W3-5

WAG 3 - SWMU 5

1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	J	0.314	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene		0.632	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene		1.39	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene		2.46	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene		2.34	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene		1.44	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene		1.91	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene		1.8	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene		0.749	mg/kg	0.5	SW846-8270 M
Dibenzofuran	J	0.086	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene		1.71	mg/kg	0.5	SW846-8270 M
Fluorene	J	0.296	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene		1.55	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M

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005-002

ERI99-W3-5

WAG 3 - SWMU 5

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene		1.63 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene		1.9 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		10.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)		9000 mg/kg	300	XP4-TS-OA7031

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005-003

ERI99-W3-5

WAG 3 - SWMU 5

005003SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.7	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	12300	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		125	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		15700	mg/kg		50	SW846-6010A
Chromium		12.9	mg/kg		2	SW846-6010A
Cobalt		3.83	mg/kg		1	SW846-6010A
Copper		7.76	mg/kg		2	SW846-6010A
Iron	NW	11400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1690	mg/kg		15	SW846-6010A
Manganese	*N	355	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.5	mg/kg		5	SW846-6010A
Potassium	N	579	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	325	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.4	mg/kg		2	SW846-6010A
Zinc		72.3	mg/kg		15	SW846-6010A
PHYSC						
pH		8.38	none			SW846-9045
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		19.2	pCi/g	6.1	6.7	SW846-9310
Americium-241	A	8.4	pCi/g	0	8.4	DNT
Beta activity		19.6	pCi/g	3.6	4.6	SW846-9310
Cesium-137	A	0.77	pCi/g	0	0.77	DNT

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ERI99-W3-5

WAG 3 - SWMU 5

Cobalt-60	A	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	A	140	pCi/g	0	140	DNT
Technetium-99	A	0.49	pCi/g	4.05	4.11	RL-7116
Thorium-234	A	19	pCi/g	0	19	DNT
Uranium-235	A	4.9	pCi/g	0	4.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		10 %		ASTM-D2216-92
Total Organic Carbon (TOC)		2800 mg/kg	300	XP4-TS-OA7031

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005-004

ERI99-W3-5

WAG 3 - SWMU 5

005004SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.66	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	11200	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.7	mg/kg		5	SW846-7060
Barium		87.6	mg/kg		1	SW846-6010A
Beryllium		0.79	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		3940	mg/kg		50	SW846-6010A
Chromium		16.2	mg/kg		2	SW846-6010A
Cobalt		3.46	mg/kg		1	SW846-6010A
Copper		9.48	mg/kg		2	SW846-6010A
Iron	NW	18400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		986	mg/kg		15	SW846-6010A
Manganese	*N	258	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.89	mg/kg		5	SW846-6010A
Potassium	N	555	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	211	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		31.1	mg/kg		2	SW846-6010A
Zinc		68.9	mg/kg		15	SW846-6010A
PHYSC						
pH		7.98	none			SW846-9045
PPCB						
PCB-1016	U	105	mg/kg		105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		8.95	pCi/g	1.75	2.33	RL-7111
Alpha activity		16.8	pCi/g	6.6	8.6	SW846-9310
Americium-241	A	6.8	pCi/g	0	6.8	DNT
Beta activity		29.4	pCi/g	5.2	7.1	SW846-9310
Beta activity		6.12	pCi/g	0.71	1.81	RL-7111
Cesium-137	A	0.66	pCi/g	0	0.66	DNT
Cobalt-60	A	4.6	pCi/g	0	4.6	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99	A	0.0365	pCi/g	0.0665	4.11	RL-7116
Thorium-234	A	16	pCi/g	0	16	DNT
Uranium-235	A	5.3	pCi/g	0	5.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

005-004

ERI99-W3-5

WAG 3 - SWMU 5

1,2-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M

005-004

ERI99-W3-5

WAG 3 - SWMU 5

Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		10.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)		4200 mg/kg	300	XP4-TS-OA7031

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005-005

ERI99-W3-5

WAG 3 - SWMU 5

005005SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.68	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	10500	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		99	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		5330	mg/kg		50	SW846-6010A
Chromium		14.3	mg/kg		2	SW846-6010A
Cobalt		6.92	mg/kg		1	SW846-6010A
Copper		9.8	mg/kg		2	SW846-6010A
Iron	NW	15200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1120	mg/kg		15	SW846-6010A
Manganese	*N	456	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.5	mg/kg		5	SW846-6010A
Potassium	N	502	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	259	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.3	mg/kg		2	SW846-6010A
Zinc		48.1	mg/kg		15	SW846-6010A
PHYSC						
pH		8.27	none			SW846-9045
PCCB						
PCB-1016	U	105	mg/kg		105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		24.6	pCi/g	8.1	9.6	SW846-9310
Americium-241	A	5	pCi/g	0	5	DNT
Beta activity		39.9	pCi/g	5.7	6.9	SW846-9310
Cesium-137	A	1.7	pCi/g	0	1.7	DNT
Cobalt-60	A	3.1	pCi/g	0	3.1	DNT
Protactinium-234m	A	370	pCi/g	0	370	DNT
Technetium-99	A	0.629	pCi/g	5.83	4.11	RL-7116
Thorium-234	A	15	pCi/g	0	15	DNT
Uranium-235	A	5.3	pCi/g	0	5.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		5.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)		3400 mg/kg	300	XP4-TS-OA7031

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005-006

ERI99-W3-5

WAG 3 - SWMU 5

005006SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.6	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	13600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	12.2	mg/kg		5	SW846-7060
Barium		121	mg/kg		1	SW846-6010A
Beryllium		0.56	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		4130	mg/kg		50	SW846-6010A
Chromium		16	mg/kg		2	SW846-6010A
Cobalt		5.12	mg/kg		1	SW846-6010A
Copper		10.3	mg/kg		2	SW846-6010A
Iron	NW	14200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1140	mg/kg		15	SW846-6010A
Manganese	*N	402	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.2	mg/kg		5	SW846-6010A
Potassium	N	717	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	246	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.7	mg/kg		2	SW846-6010A
Zinc		82.5	mg/kg		15	SW846-6010A
PHYSC						
pH		7.89	none			SW846-9045
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	J	0.035	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		19	pCi/g	6.8	8.3	SW846-9310
Americium-241	A	1.8	pCi/g	0	1.8	DNT
Beta activity		22.9	pCi/g	4.3	5.6	SW846-9310
Cesium-137	A	0.64	pCi/g	0	0.64	DNT
Cobalt-60	A	0.88	pCi/g	0	0.88	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99		5.85	pCi/g	3.26	4.11	RL-7116
Thorium-234	A	13	pCi/g	0	13	DNT
Uranium-235	A	4.1	pCi/g	0	4.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	J	0.08 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	J	0.117 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene		0.738 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene		1.61 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene		1.9 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene		0.78 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene		1.17 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene		1.06 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	J	0.294 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene		0.972 mg/kg	0.5	SW846-8270 M
Fluorene	J	0.056 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene		0.89 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

Pentachlorophenol	J	0.237 mg/kg	0.5	SW846-8270 M
Phenanthrene	J	0.488 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene		1.43 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		9.8 %		ASTM-D2216-92
Total Organic Carbon (TOC)		6200 mg/kg	300	XP4-TS-OA7031

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005-007

ERI99-W3-5

WAG 3 - SWMU 5

005007SA001

Collected: 9/25/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.61	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	8140	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		82.4	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	35700	mg/kg		500	SW846-6010A
Chromium		11.8	mg/kg		2	SW846-6010A
Cobalt		5.75	mg/kg		1	SW846-6010A
Copper		7.18	mg/kg		2	SW846-6010A
Iron	NW	13900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1690	mg/kg		15	SW846-6010A
Manganese	*N	449	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.6	mg/kg		5	SW846-6010A
Potassium	N	485	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.3	mg/kg		2	SW846-6010A
Zinc		163	mg/kg		15	SW846-6010A
PHYSC						
pH		8.6	none			SW846-9045
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		13.5	pCi/g	6.3	8.5	SW846-9310
Americium-241	A	5.1	pCi/g	0	5.1	DNT
Beta activity		19.8	pCi/g	4.4	6	SW846-9310
Cesium-137	A	0.68	pCi/g	0	0.68	DNT
Cobalt-60	A	0.94	pCi/g	0	0.94	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99		4.2	pCi/g	3.04	4.11	RL-7116
Thorium-234		8.9	pCi/g	7.3	4	DNT
Uranium-235	A	5.5	pCi/g	0	5.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

005-007

ERI99-W3-5

WAG 3 - SWMU 5

1,2-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.48 mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48 mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.48 mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.48 mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.48 mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.48 mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.48 mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.48 mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48 mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.48 mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48 mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.48 mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.48 mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.48 mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48 mg/kg	0.48	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.48 mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	J	0.076 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	J	0.125	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	J	0.213	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	J	0.291	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	J	0.277	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	J	0.225	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	0.9	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	J	0.325	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270

005-007**ERI99-W3-5****WAG 3 - SWMU 5**

Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.48 mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.48 mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48 mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	J	0.24 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	J	0.283 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		12.6 %		ASTM-D2216-92
Total Organic Carbon (TOC)		4400 mg/kg	300	XP4-TS-OA7031

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WAG 3 - SWMU 5

005008SA001

Collected: 9/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8650	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		85.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2330	mg/kg		50	SW846-6010A
Chromium		20.5	mg/kg		2	SW846-6010A
Cobalt		5.32	mg/kg		1	SW846-6010A
Copper		8.91	mg/kg		2	SW846-6010A
Iron	*NW	11600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1040	mg/kg		15	SW846-6010A
Manganese	*N	348	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.5	mg/kg		5	SW846-6010A
Potassium	N	408	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	315	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.8	mg/kg		2	SW846-6010A
Zinc		63.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260		0.306	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		13.6	pCi/g	6.2	8.1	SW846-9310
Alpha activity		9.38	pCi/g	1.69	1.04	RL-7111
Americium-241	A	4.2	pCi/g	0	4.2	DNT
Beta activity		22.8	pCi/g	4.4	5.8	SW846-9310
Beta activity		9.13	pCi/g	0.91	1.57	RL-7111
Cesium-137	A	0.69	pCi/g	0	0.69	DNT
Cobalt-60	A	0.95	pCi/g	0	0.95	DNT
Protactinium-234m	A	440	pCi/g	0	440	DNT
Technetium-99	A	1.69	pCi/g	3.46	4.94	RL-7116
Thorium-234	A	12	pCi/g	0	12	DNT
Uranium-235	A	4.4	pCi/g	0	4.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-5

WAG 3 - SWMU 5

005009SA001

Collected: 9/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9790	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		110	mg/kg		1	SW846-6010A
Beryllium		0.58	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	9890	mg/kg		50	SW846-6010A
Chromium		12.8	mg/kg		2	SW846-6010A
Cobalt		6.4	mg/kg		1	SW846-6010A
Copper		10.5	mg/kg		2	SW846-6010A
Iron	*NW	14900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1380	mg/kg		15	SW846-6010A
Manganese	*N	449	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		119	mg/kg		5	SW846-6010A
Potassium	N	599	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	308	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.4	mg/kg		2	SW846-6010A
Zinc		50.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		15.9	pCi/g	7.2	9.5	SW846-9310
Americium-241	A	4.8	pCi/g	0	4.8	DNT
Beta activity		34.4	pCi/g	6	7.7	SW846-9310
Cesium-137	A	0.64	pCi/g	0	0.64	DNT
Cobalt-60	A	0.87	pCi/g	0	0.87	DNT
Protactinium-234m	A	110	pCi/g	0	110	DNT
Technetium-99	A	3.35	pCi/g	3.98	4.94	RL-7116
Thorium-234	A	9	pCi/g	0	9	DNT

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WAG 3 - SWMU 5

Tritium	U	1.64	pCi/g	2.63		EPA-906.0
Uranium-235	A	5.1	pCi/g	0	5.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M

005-009**ERI99-W3-5****WAG 3 - SWMU 5**

Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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005-010

ERI99-W3-5

WAG 3 - SWMU 5

005010SA001

Collected: 9/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	13800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		115	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	11500	mg/kg		50	SW846-6010A
Chromium		16.5	mg/kg		2	SW846-6010A
Cobalt		6.83	mg/kg		1	SW846-6010A
Copper		11.2	mg/kg		2	SW846-6010A
Iron	*NW	16600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1760	mg/kg		15	SW846-6010A
Manganese	*N	556	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.8	mg/kg		5	SW846-6010A
Potassium	N	942	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	284	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		30.1	mg/kg		2	SW846-6010A
Zinc		51.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1221	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1232	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1242	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1248	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1254	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1260	J	0.073	mg/kg		0.113	SW846-8082 M
RADS						
Alpha activity		18.1	pCi/g	6.9	8.5	SW846-9310
Americium-241	A	6.6	pCi/g	0	6.6	DNT
Beta activity		20	pCi/g	4.5	6.3	SW846-9310
Cesium-137	A	0.7	pCi/g	0	0.7	DNT
Cobalt-60	A	0.95	pCi/g	0	0.95	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	0.0351	pCi/g	0.0909	4.94	RL-7116
Thorium-234	A	14	pCi/g	0	14	DNT
Uranium-235	A	6.4	pCi/g	0	6.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270

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ERI99-W3-5

WAG 3 - SWMU 5

1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	JU	0.46	mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	JU	0.46	mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	JU	0.46	mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	JU	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	JU	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	JUY	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	JU	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	JU	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	JU	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	JU	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	JU	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	JU	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	JU	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	JU	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	JU	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	JU	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	JU	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	JU	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	JU	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	JU	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	JU	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	JU	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	JU	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	JU	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	JU	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	JU	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	JU	0.46	mg/kg	0.46	SW846-8270

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ERI99-W3-5

WAG 3 - SWMU 5

Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	JU	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	JU	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	JU	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	JU	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	JU	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	JU	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	JU	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	JU	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	JU	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	JU	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	JU	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	JU	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	JU	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	JU	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	BJ	0.93	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	JU	0.46	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	JU	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	J	0.395	mg/kg	0.5	SW846-8270 M
Fluorene	JU	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	JU	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	JU	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	JU	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	JU	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	JU	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	JU	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M

005-010**ERI99-W3-5****WAG 3 - SWMU 5**

N-Nitrosodiphenylamine	JU	0.46 mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	JU	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	JU	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	J	0.261 mg/kg	0.5	SW846-8270 M
Phenol	JU	0.46 mg/kg	0.46	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	JU	0.46 mg/kg	0.46	SW846-8270
Pyrene	J	0.307 mg/kg	0.5	SW846-8270 M
Pyridine	JU	0.46 mg/kg	0.46	SW846-8270
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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005-015

ERI99-W3-5

WAG 3 - SWMU 5

005015SA001

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6980	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	9.52	mg/kg		5	SW846-7060
Barium	*NW	87.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	62000	mg/kg		500	SW846-6010A
Chromium		8.06	mg/kg		2	SW846-6010A
Cobalt	N	6.36	mg/kg		1	SW846-6010A
Copper		7.4	mg/kg		2	SW846-6010A
Iron	*NW	11200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	2790	mg/kg		15	SW846-6010A
Manganese	NW	567	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.21	mg/kg		5	SW846-6010A
Potassium	N	567	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		276	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		17.6	mg/kg		2	SW846-6010A
Zinc		62.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	J	0.099	mg/kg		0.103	SW846-8082 M
RADS						
Alpha activity		17.5	pCi/g	6.4	7.3	SW846-9310
Americium-241	U	1.6	pCi/g	0	1.6	DNT
Beta activity		19.9	pCi/g	4.4	6.2	SW846-9310
Cesium-137	U	0.57	pCi/g	0	0.57	DNT
Cobalt-60	U	3	pCi/g	0	3	DNT
Protactinium-234m	U	100	pCi/g	0	100	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	8.1	pCi/g	0	8.1	DNT
Uranium-235	U	4.6	pCi/g	0	4.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	J	9.45 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	J	9.45 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene		19 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene		24.8 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene		49.2 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	E	5.32 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene		14.6 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	J	6.34 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene		24.4 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	J	3.52 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene		53.3 mg/kg	0.5	SW846-8270 M
Fluorene	J	9.18 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene		14 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	J	0.753 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene		34.6 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.331 mg/kg	0.331	SW846-8021 M
1,2-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	JU	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Bromoform	JU	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	JU	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.331 mg/kg	0.331	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.035 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.331 mg/kg	0.331	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.331 mg/kg	0.331	SW846-8021 M
Trichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.331 mg/kg	0.331	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	UX	1 mg/kg	1	SW846-9014
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WAG 3 - SWMU 5

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WAG 3 - SWMU 5

005015SA019

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	5440	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	23.8	mg/kg		1	SW846-6010A
Beryllium		0.92	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1170	mg/kg		50	SW846-6010A
Chromium		34.1	mg/kg		2	SW846-6010A
Cobalt	N	4.92	mg/kg		1	SW846-6010A
Copper		3.54	mg/kg		2	SW846-6010A
Iron	*NW	16500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	441	mg/kg		15	SW846-6010A
Manganese	NW	117	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.15	mg/kg		5	SW846-6010A
Potassium	N	161	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		278	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		41.4	mg/kg		2	SW846-6010A
Zinc		17.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.092	mg/kg		0.092	SW846-8082 M
PCB-1221	U	0.092	mg/kg		0.092	SW846-8082 M
PCB-1232	U	0.092	mg/kg		0.092	SW846-8082 M
PCB-1242	U	0.092	mg/kg		0.092	SW846-8082 M
PCB-1248	U	0.092	mg/kg		0.092	SW846-8082 M
PCB-1254	U	0.092	mg/kg		0.092	SW846-8082 M
PCB-1260	U	0.092	mg/kg		0.092	SW846-8082 M
RADS						
Alpha activity		18.9	pCi/g	7.1	8.5	SW846-9310
Americium-241	U	6.9	pCi/g	0	6.9	DNT
Beta activity		16.9	pCi/g	5	7.2	SW846-9310
Cesium-137	U	0.81	pCi/g	0	0.81	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	2.1	pCi/g	0	2.1	DNT
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.337	mg/kg		0.337	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260

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WAG 3 - SWMU 5

1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.337	mg/kg	0.337	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.036	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.337	mg/kg	0.337	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.337	mg/kg	0.337	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.337	mg/kg	0.337	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260

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WAG 3 - SWMU 5

005015SA023

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		21	pCi/g	7.6	9.1	SW846-9310
Americium-241	U	6.9	pCi/g	0	6.9	DNT
Beta activity		13.4	pCi/g	5.2	7.9	SW846-9310
Cesium-137	U	0.92	pCi/g	0	0.92	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.018	mg/kg		0.018	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJ	0.039	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260

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WAG 3 - SWMU 5

Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0018	mg/kg	0.0018	OA33499026
Trichloroethene	U	0.289	mg/kg	0.289	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.289	mg/kg	0.289	SW846-8021 M

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ERI99-W3-5

WAG 3 - SWMU 5

005015SA037

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6950	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	39.2	mg/kg		1	SW846-6010A
Beryllium		0.75	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	845	mg/kg		50	SW846-6010A
Chromium		11.3	mg/kg		2	SW846-6010A
Cobalt	N	6.35	mg/kg		1	SW846-6010A
Copper		4.2	mg/kg		2	SW846-6010A
Iron	*NW	17100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	511	mg/kg		15	SW846-6010A
Manganese	NW	115	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.6	mg/kg		5	SW846-6010A
Potassium	N	339	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		274	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		29.9	mg/kg		2	SW846-6010A
Zinc		19.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
RADS						
Alpha activity		19.6	pCi/g	6.9	8.2	SW846-9310
Americium-241	U	6.9	pCi/g	0	6.9	DNT
Beta activity		17.4	pCi/g	4.4	6.1	SW846-9310
Cesium-137	U	2.8	pCi/g	0	2.8	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.036	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.379	mg/kg	0.379	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.379	mg/kg	0.379	SW846-8021 M
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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WAG 3 - SWMU 5

005015SA044

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11700	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	170	mg/kg		1	SW846-6010A
Beryllium		1.02	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1450	mg/kg		50	SW846-6010A
Chromium		11.9	mg/kg		2	SW846-6010A
Cobalt	N	19.4	mg/kg		1	SW846-6010A
Copper		5.49	mg/kg		2	SW846-6010A
Iron	*NW	17500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1470	mg/kg		15	SW846-6010A
Manganese	NW	827	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13	mg/kg		5	SW846-6010A
Potassium	N	1070	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		281	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		20.4	mg/kg		2	SW846-6010A
Zinc		50.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082 M
RADS						
Alpha activity		8.14	pCi/g	1.3	1.36	RL-7111
Alpha activity		15.2	pCi/g	7.6	11	SW846-9310
Americium-241	U	9.4	pCi/g			DNT
Beta activity		4.07	pCi/g	0.44	0.94	RL-7111
Beta activity		23.2	pCi/g	6.1	8.7	SW846-9310
Cesium-137	U	2.6	pCi/g			DNT
Cobalt-60	U	1.2	pCi/g			DNT
Protactinium-234m	U	150	pCi/g			DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	19	pCi/g			DNT
Uranium-235	U	6.9	pCi/g			DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.334	mg/kg	0.334	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.334	mg/kg	0.334	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.032	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.334	mg/kg	0.334	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.334	mg/kg	0.334	SW846-8021 M
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.334	mg/kg	0.334	SW846-8021 M
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-5

WAG 3 - SWMU 5

005015SA051

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8250	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	343	mg/kg		1	SW846-6010A
Beryllium		0.87	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1030	mg/kg		50	SW846-6010A
Chromium		9.59	mg/kg		2	SW846-6010A
Cobalt	N	15.2	mg/kg		1	SW846-6010A
Copper		4.79	mg/kg		2	SW846-6010A
Iron	*NW	9940	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	857	mg/kg		15	SW846-6010A
Manganese	NW	1750	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.68	mg/kg		5	SW846-6010A
Potassium	N	647	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		272	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		12.4	mg/kg		2	SW846-6010A
Zinc		32.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.097	mg/kg		0.097	SW846-8082 M
PCB-1221	U	0.097	mg/kg		0.097	SW846-8082 M
PCB-1232	U	0.097	mg/kg		0.097	SW846-8082 M
PCB-1242	U	0.097	mg/kg		0.097	SW846-8082 M
PCB-1248	U	0.097	mg/kg		0.097	SW846-8082 M
PCB-1254	U	0.097	mg/kg		0.097	SW846-8082 M
PCB-1260	U	0.097	mg/kg		0.097	SW846-8082 M
RADS						
Alpha activity		15.1	pCi/g	7.1	9.7	SW846-9310
Americium-241	U	2.3	pCi/g	0	2.3	DNT
Beta activity		23.1	pCi/g	5.1	6.9	SW846-9310
Cesium-137	U	2.5	pCi/g	0	2.5	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	530	pCi/g	0	530	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	12	pCi/g	0	12	DNT
Uranium-235	U	5.3	pCi/g			DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.037	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.353	mg/kg	0.353	SW846-8021 M
WETCHEM					
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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WAG 3 - SWMU 5

005015SA060

Collected: 7/26/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4730	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	31.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	399	mg/kg		50	SW846-6010A
Chromium		6.38	mg/kg		2	SW846-6010A
Cobalt	N	2.38	mg/kg		1	SW846-6010A
Copper		2.38	mg/kg		2	SW846-6010A
Iron	*NW	4720	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	446	mg/kg		15	SW846-6010A
Manganese	NW	61.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	446	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		225	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		7.23	mg/kg		2	SW846-6010A
Zinc		18.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.094	mg/kg		0.094	SW846-8082 M
PCB-1221	U	0.094	mg/kg		0.094	SW846-8082 M
PCB-1232	U	0.094	mg/kg		0.094	SW846-8082 M
PCB-1242	U	0.094	mg/kg		0.094	SW846-8082 M
PCB-1248	U	0.094	mg/kg		0.094	SW846-8082 M
PCB-1254	U	0.094	mg/kg		0.094	SW846-8082 M
PCB-1260	U	0.094	mg/kg		0.094	SW846-8082 M
RADS						
Alpha activity		19.6	pCi/g	7.2	9.1	SW846-9310
Americium-241	U	5.1	pCi/g	0	5.1	DNT
Beta activity		24.6	pCi/g	4.6	6	SW846-9310
Cesium-137	U	0.68	pCi/g	0	0.68	DNT
Cobalt-60	U	0.93	pCi/g	0	0.93	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	9.6	pCi/g	0	9.6	DNT
Uranium-235	U	1.8	pCi/g	0	1.8	DNT
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.364	mg/kg		0.364	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260

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WAG 3 - SWMU 5

1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.364	mg/kg	0.364	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.036	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.364	mg/kg	0.364	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.364	mg/kg	0.364	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.364	mg/kg	0.364	SW846-8021 M

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ERI99-W3-5

WAG 3 - SWMU 5

005015SD019

Collected: 7/26/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.324	mg/kg		0.324	SW846-8021 M
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.324	mg/kg		0.324	SW846-8021 M
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJ	0.03	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.324	mg/kg		0.324	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.324	mg/kg		0.324	SW846-8021 M
Vinyl chloride	U	0.324	mg/kg		0.324	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg		0.01	SW846-8260

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005-016

ERI99-W3-5

WAG 3 - SWMU 5

005016SA001

Collected: 7/27/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	2430	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	7.01	mg/kg		5	SW846-7060
Barium	*NW	38.3	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	21000	mg/kg		500	SW846-6010A
Chromium		11.3	mg/kg		2	SW846-6010A
Cobalt	N	5.91	mg/kg		1	SW846-6010A
Copper		2.66	mg/kg		2	SW846-6010A
Iron	*NW	26900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1360	mg/kg		15	SW846-6010A
Manganese	NW	395	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	292	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		14.5	mg/kg		2	SW846-6010A
Zinc		59.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1221	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1232	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1242	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1248	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1254	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1260	U	0.098	mg/kg		0.098	SW846-8082 M
RADS						
Alpha activity	U	6.3	pCi/g	4.9	7.4	SW846-9310
Americium-241	U	3.6	pCi/g	0	3.6	DNT
Beta activity		17.2	pCi/g	5.2	7.7	SW846-9310
Cesium-137	U	0.48	pCi/g	0	0.48	DNT
Cobalt-60	U	0.65	pCi/g	0	0.65	DNT
Protactinium-234m	U	86	pCi/g	0	86	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	8.4	pCi/g	0	8.4	DNT
Uranium-235	U	3.8	pCi/g	0	3.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene		0.778 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	J	0.389 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene		2.73 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene		0.619 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	J	0.479 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene		1.07 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate		1.7 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene		1.35 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene		0.655 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	J	0.357 mg/kg	0.5	SW846-8270 M
Phenanthrene	J	0.224 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

VOA

1,1-Dichloroethene	U	0.42 mg/kg	0.42	SW846-8021 M
cis-1,2-Dichloroethene	U	0.42 mg/kg	0.42	SW846-8021 M
trans-1,2-Dichloroethene	U	0.42 mg/kg	0.42	SW846-8021 M
Trichloroethene	U	0.42 mg/kg	0.42	SW846-8021 M
Vinyl chloride	U	0.42 mg/kg	0.42	SW846-8021 M

WETCHEM

Cyanide	UX	1 mg/kg	1	SW846-9014
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Paducah-OREIS Data Report

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WAG 3 - SWMU 5

005016SA019

Collected: 7/27/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	61	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1120	mg/kg		50	SW846-6010A
Chromium		14.9	mg/kg		2	SW846-6010A
Cobalt	N	5.99	mg/kg		1	SW846-6010A
Copper		2.95	mg/kg		2	SW846-6010A
Iron	*NW	9440	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	993	mg/kg		15	SW846-6010A
Manganese	NW	113	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.97	mg/kg		5	SW846-6010A
Potassium	N	246	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		389	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		16.5	mg/kg		2	SW846-6010A
Zinc		15.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		11.3	pCi/g	5.8	7.9	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		17.8	pCi/g	4.8	7	SW846-9310
Cesium-137	U	0.8	pCi/g	0	0.8	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT

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WAG 3 - SWMU 5

Uranium-235	U	2.1	pCi/g	0	2.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

005-016**ERI99-W3-5****WAG 3 - SWMU 5**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.354 mg/kg	0.354	SW846-8021 M
cis-1,2-Dichloroethene	U	0.354 mg/kg	0.354	SW846-8021 M
trans-1,2-Dichloroethene	U	0.354 mg/kg	0.354	SW846-8021 M
Trichloroethene	U	0.354 mg/kg	0.354	SW846-8021 M
Vinyl chloride	U	0.354 mg/kg	0.354	SW846-8021 M
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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ERI99-W3-5

WAG 3 - SWMU 5

005017SA019

Collected: 7/27/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7760	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	31.2	mg/kg		1	SW846-6010A
Beryllium		0.87	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	1120	mg/kg		50	SW846-6010A
Chromium		36.6	mg/kg		2	SW846-6010A
Cobalt	N	5.3	mg/kg		1	SW846-6010A
Copper		4.64	mg/kg		2	SW846-6010A
Iron	*NW	22500	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	601	mg/kg		15	SW846-6010A
Manganese	NW	222	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	187	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		272	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		36.1	mg/kg		2	SW846-6010A
Zinc		17.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		22	pCi/g	7.5	9.1	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		20.5	pCi/g	5.9	8.7	SW846-9310
Cesium-137	U	0.8	pCi/g	0	0.8	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	4.6	pCi/g	0	4.6	DNT
Uranium-235	U	5.1	pCi/g	0	5.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

VOA

1,1-Dichloroethene	U	0.317	mg/kg	0.317	SW846-8021 M
cis-1,2-Dichloroethene	U	0.317	mg/kg	0.317	SW846-8021 M
trans-1,2-Dichloroethene	U	0.317	mg/kg	0.317	SW846-8021 M
Trichloroethene	U	0.317	mg/kg	0.317	SW846-8021 M
Vinyl chloride	U	0.317	mg/kg	0.317	SW846-8021 M

WETCHEM

Cyanide	UX	1	mg/kg	1	SW846-9014
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ERI99-W3-5

WAG 3 - SWMU 5

005017SA023

Collected: 7/27/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6420	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	6.77	mg/kg		5	SW846-7060
Barium	*NW	16.2	mg/kg		1	SW846-6010A
Beryllium		1.23	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	630	mg/kg		50	SW846-6010A
Chromium		296	mg/kg		2	SW846-6010A
Cobalt	N	3.37	mg/kg		1	SW846-6010A
Copper		3.37	mg/kg		2	SW846-6010A
Iron	*NW	29200	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	302	mg/kg		15	SW846-6010A
Manganese	NW	87.5	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		19.5	mg/kg		5	SW846-6010A
Potassium	N	136	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		243	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		56.9	mg/kg		2	SW846-6010A
Zinc		19.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1232	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1242	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1248	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1254	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1260	U	0.118	mg/kg		0.118	SW846-8082 M
RADS						
Alpha activity		21	pCi/g	7	8.2	SW846-9310
Americium-241	U	7.5	pCi/g	0	7.5	DNT
Beta activity		15	pCi/g	4.9	7.3	SW846-9310
Cesium-137	U	0.88	pCi/g	0	0.88	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 5

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M
cis-1,2-Dichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M
trans-1,2-Dichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M
Trichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M
Vinyl chloride	U	0.348 mg/kg	0.348	SW846-8021 M
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014

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WAG 3 - SWMU 5

005017SA001

Collected: 7/28/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8650	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	96.2	mg/kg		1	SW846-6010A
Beryllium		0.6	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	14900	mg/kg		50	SW846-6010A
Chromium		13.3	mg/kg		2	SW846-6010A
Cobalt	N	3.49	mg/kg		1	SW846-6010A
Copper		7.37	mg/kg		2	SW846-6010A
Iron	*NW	13800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1360	mg/kg		15	SW846-6010A
Manganese	NW	309	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.5	mg/kg		5	SW846-6010A
Potassium	N	486	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		319	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		26.8	mg/kg		2	SW846-6010A
Zinc		64.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1221	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1232	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1242	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1248	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1254	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1260	U	0.099	mg/kg		0.099	SW846-8082 M
RADS						
Alpha activity		4.38	pCi/g	0.91	1.36	RL-7111
Alpha activity		15.9	pCi/g	4.9	6.3	SW846-9310
Americium-241	U	5.3	pCi/g	0	5.3	DNT
Beta activity		4.09	pCi/g	0.44	0.94	RL-7111
Beta activity		21.7	pCi/g	3.3	4.5	SW846-9310
Cesium-137	U	0.87	pCi/g	0	0.87	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	1.27	pCi/g	3.14	4.52	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	5.6	pCi/g	0	5.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.358 mg/kg	0.358	SW846-8021 M
cis-1,2-Dichloroethene	U	0.358 mg/kg	0.358	SW846-8021 M
trans-1,2-Dichloroethene	U	0.358 mg/kg	0.358	SW846-8021 M
Trichloroethene	U	0.358 mg/kg	0.358	SW846-8021 M
Vinyl chloride	U	0.358 mg/kg	0.358	SW846-8021 M
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014

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005-017

ERI99-W3-5

WAG 3 - SWMU 5

005017SA037

Collected: 7/28/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	3940	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*NW	14.4	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*NW	2050	mg/kg		50	SW846-6010A
Chromium		9.37	mg/kg		2	SW846-6010A
Cobalt	N	1.25	mg/kg		1	SW846-6010A
Copper		4.93	mg/kg		2	SW846-6010A
Iron	*NW	8360	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	287	mg/kg		15	SW846-6010A
Manganese	NW	40.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	181	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		244	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		14.5	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PPCB						
PCB-1016	U	0.084	mg/kg		0.084	SW846-8082 M
PCB-1221	U	0.084	mg/kg		0.084	SW846-8082 M
PCB-1232	U	0.084	mg/kg		0.084	SW846-8082 M
PCB-1242	U	0.084	mg/kg		0.084	SW846-8082 M
PCB-1248	U	0.084	mg/kg		0.084	SW846-8082 M
PCB-1254	U	0.084	mg/kg		0.084	SW846-8082 M
PCB-1260	U	0.084	mg/kg		0.084	SW846-8082 M
RADS						
Alpha activity		10.4	pCi/g	4.3	6	SW846-9310
Americium-241	U	4.1	pCi/g	0	4.1	DNT
Beta activity		9.1	pCi/g	2.9	4.4	SW846-9310
Cesium-137	U	0.68	pCi/g	0	0.68	DNT
Cobalt-60	U	0.92	pCi/g	0	0.92	DNT
Protactinium-234m	U	430	pCi/g	0	430	DNT
Technetium-99	A	0	pCi/g	0	4.52	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	6.2	pCi/g	0	6.2	DNT
VOA						
1,1-Dichloroethene	U	0.313	mg/kg		0.313	SW846-8021 M
cis-1,2-Dichloroethene	U	0.313	mg/kg		0.313	SW846-8021 M
trans-1,2-Dichloroethene	U	0.313	mg/kg		0.313	SW846-8021 M
Trichloroethene	U	0.313	mg/kg		0.313	SW846-8021 M
Vinyl chloride	U	0.313	mg/kg		0.313	SW846-8021 M
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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WAG 3 - SWMU 5

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005-027

ERI99-W3-5

WAG 3 - SWMU 5

005027SA021

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.29	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	9260	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	38.5	mg/kg		1	SW846-6010A
Beryllium		0.69	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	941	mg/kg		50	SW846-6010A
Chromium		25	mg/kg		2	SW846-6010A
Cobalt		3.93	mg/kg		1	SW846-6010A
Copper		5.71	mg/kg		2	SW846-6010A
Iron	*NW	16000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	779	mg/kg		15	SW846-6010A
Manganese	*NW	131	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		36.3	mg/kg		5	SW846-6010A
Potassium	*N	279	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	343	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		33	mg/kg		2	SW846-6010A
Zinc		20.9	mg/kg		15	SW846-6010A
PHYSC						
pH		8.14	none			SW846-9045
RADS						
Alpha activity	U	7.6	pCi/g	6.2	9.6	SW846-9310
Americium-241	U	2.5	pCi/g	0	2.5	DNT
Beta activity		18.3	pCi/g	4.5	6.3	SW846-9310
Cesium-137	U	2.6	pCi/g	0	2.6	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.0388	pCi/g	0.0565	4.24	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	8	pCi/g	0	8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M

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WAG 3 - SWMU 5

cis-1,2-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
trans-1,2-Dichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
Trichloroethene	U	0.393	mg/kg	0.393	SW846-8021 M
Vinyl chloride	U	0.393	mg/kg	0.393	SW846-8021 M

WETCHEM

Cyanide	NU	1	mg/kg	1	SW846-9014
Moisture		15.3	%		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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ERI99-W3-5

WAG 3 - SWMU 5

005027SA024

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		1.38	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	5970	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	12.7	mg/kg		1	SW846-6010A
Beryllium		0.91	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	541	mg/kg		50	SW846-6010A
Chromium		83.9	mg/kg		2	SW846-6010A
Cobalt		2.26	mg/kg		1	SW846-6010A
Copper		2.99	mg/kg		2	SW846-6010A
Iron	*NW	16500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	288	mg/kg		15	SW846-6010A
Manganese	*NW	34.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		38	mg/kg		5	SW846-6010A
Potassium	*N	158	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	293	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		46.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.79	none			SW846-9045
RADS						
Alpha activity		23.8	pCi/g	7.4	8.5	SW846-9310
Americium-241	U	2.1	pCi/g	0	2.1	DNT
Beta activity		12.1	pCi/g	3.9	5.9	SW846-9310
Cesium-137	U	0.73	pCi/g	0	0.73	DNT
Cobalt-60	U	0.99	pCi/g	0	0.99	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Technetium-99	A	1.28	pCi/g	6.02	4.24	RL-7116
Thorium-234	U	10	pCi/g	0	10	DNT
Uranium-235	U	4.7	pCi/g	0	4.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-5

WAG 3 - SWMU 5

2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
cis-1,2-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
trans-1,2-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M

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ERI99-W3-5

WAG 3 - SWMU 5

Trichloroethene	U	0.377	mg/kg	0.377	SW846-8021 M
Vinyl chloride	U	0.377	mg/kg	0.377	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014
Moisture		14.4	%		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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ERI99-W3-5

WAG 3 - SWMU 5

005027SA038

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		1.47	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	3600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		10.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		441	mg/kg		50	SW846-6010A
Chromium		4.35	mg/kg		2	SW846-6010A
Cobalt		1.25	mg/kg		1	SW846-6010A
Copper		2.14	mg/kg		2	SW846-6010A
Iron	NW	3550	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	212	mg/kg		15	SW846-6010A
Manganese	N	26.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	131	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	207	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		9.45	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.61	none			SW846-9045
RADS						
Alpha activity		22.3	pCi/g	7.5	9	SW846-9310
Americium-241	U	1.9	pCi/g	0	1.9	DNT
Beta activity		12	pCi/g	4.2	6.4	SW846-9310
Cesium-137	U	0.66	pCi/g	0	0.66	DNT
Cobalt-60	U	0.91	pCi/g	0	0.91	DNT
Protactinium-234m	U	430	pCi/g	0	430	DNT
Technetium-99	A	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.305 mg/kg	0.305	SW846-8021 M
cis-1,2-Dichloroethene	U	0.305 mg/kg	0.305	SW846-8021 M
trans-1,2-Dichloroethene	U	0.305 mg/kg	0.305	SW846-8021 M

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WAG 3 - SWMU 5

Trichloroethene	U	0.305	mg/kg	0.305	SW846-8021 M
Vinyl chloride	U	0.305	mg/kg	0.305	SW846-8021 M
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014
Moisture		13.9	%		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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WAG 3 - SWMU 5

005027SA051

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12500	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		62.6	mg/kg		1	SW846-6010A
Beryllium		2.27	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1400	mg/kg		50	SW846-6010A
Chromium		18.3	mg/kg		2	SW846-6010A
Cobalt		3.87	mg/kg		1	SW846-6010A
Copper		10.5	mg/kg		2	SW846-6010A
Iron	NW	31900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1660	mg/kg		15	SW846-6010A
Manganese	N	197	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		15.9	mg/kg		5	SW846-6010A
Potassium	*N	1090	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	234	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		34	mg/kg		2	SW846-6010A
Zinc		73.4	mg/kg		15	SW846-6010A
RADS						
Alpha activity		16	pCi/g	7.2	9.7	SW846-9310
Americium-241	U	5.6	pCi/g	0	5.6	DNT
Beta activity		23.6	pCi/g	5.2	7	SW846-9310
Cesium-137	U	0.91	pCi/g	0	0.91	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.178	pCi/g	0.402	4.24	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	5.8	pCi/g	0	5.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1-Dichloroethene	U	0.01 mg/kg	0.01	OA33499026
1,1-Dichloroethene	U	0.426 mg/kg	0.426	SW846-8021 M
cis-1,2-Dichloroethene	U	0.1 mg/kg	0.1	OA33499026
cis-1,2-Dichloroethene	U	0.426 mg/kg	0.426	SW846-8021 M
trans-1,2-Dichloroethene	U	0.426 mg/kg	0.426	SW846-8021 M
trans-1,2-Dichloroethene	U	0.1 mg/kg	0.1	OA33499026
Trichloroethene	U	0.426 mg/kg	0.426	SW846-8021 M

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WAG 3 - SWMU 5

Trichloroethene	U	0.001	mg/kg	0.001	OA33499026
Vinyl chloride	U	0.426	mg/kg	0.426	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014

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ERI99-W3-5

WAG 3 - SWMU 5

005028SA021

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	3720	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.64	mg/kg		5	SW846-7060
Barium		18.4	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1040	mg/kg		50	SW846-6010A
Chromium		34	mg/kg		2	SW846-6010A
Cobalt		2.6	mg/kg		1	SW846-6010A
Copper		2.14	mg/kg		2	SW846-6010A
Iron	NW	18700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	290	mg/kg		15	SW846-6010A
Manganese	N	61.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	128	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	251	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		42.4	mg/kg		2	SW846-6010A
Zinc		18	mg/kg		15	SW846-6010A
PHYSC						
pH		8.09	none			SW846-9045
RADS						
Alpha activity		13.6	pCi/g	5.8	7.4	SW846-9310
Americium-241	U	4.1	pCi/g	0	4.1	DNT
Beta activity		12.6	pCi/g	3.9	5.8	SW846-9310
Cesium-137	U	0.66	pCi/g	0	0.66	DNT
Cobalt-60	U	0.91	pCi/g	0	0.91	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	6.1	pCi/g	0	6.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	J	0.202 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.387 mg/kg	0.387	SW846-8021 M
cis-1,2-Dichloroethene	U	0.387 mg/kg	0.387	SW846-8021 M
trans-1,2-Dichloroethene	U	0.387 mg/kg	0.387	SW846-8021 M

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WAG 3 - SWMU 5

Trichloroethene	U	0.387	mg/kg	0.387	SW846-8021 M
Vinyl chloride	U	0.387	mg/kg	0.387	SW846-8021 M
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014
Moisture		7.5	%		ASTM-D2216-92
Total Organic Carbon (TOC)		590	mg/kg	300	XP4-TS-OA7031

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WAG 3 - SWMU 5

005028SA024

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		1.16	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	5950	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.04	mg/kg		5	SW846-7060
Barium		19.7	mg/kg		1	SW846-6010A
Beryllium		0.96	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		953	mg/kg		50	SW846-6010A
Chromium		21.3	mg/kg		2	SW846-6010A
Cobalt		2.04	mg/kg		1	SW846-6010A
Copper		3.97	mg/kg		2	SW846-6010A
Iron	NW	32900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	472	mg/kg		15	SW846-6010A
Manganese	N	24.6	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	119	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	NU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		36.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.85	NA			SW846-9045
RADS						
Alpha activity		18.3	pCi/g	6.7	8.2	SW846-9310
Americium-241	U	6.9	pCi/g	0	6.9	DNT
Beta activity		16.5	pCi/g	3.7	5.1	SW846-9310
Cesium-137	U	0.8	pCi/g	0	0.8	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M
cis-1,2-Dichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M
trans-1,2-Dichloroethene	U	0.348 mg/kg	0.348	SW846-8021 M

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WAG 3 - SWMU 5

Trichloroethene	U	0.348	mg/kg	0.348	SW846-8021 M
Vinyl chloride	U	0.348	mg/kg	0.348	SW846-8021 M
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014
Moisture		18.4	%		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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WAG 3 - SWMU 5

005028SA038

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.22	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	4540	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		14.1	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		424	mg/kg		50	SW846-6010A
Chromium		6.14	mg/kg		2	SW846-6010A
Cobalt	U	1	mg/kg		1	SW846-6010A
Copper		2.32	mg/kg		2	SW846-6010A
Iron	NW	7300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	244	mg/kg		15	SW846-6010A
Manganese	N	6.89	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	164	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	NU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.66	none			SW846-9045
RADS						
Alpha activity		20.2	pCi/g	7.4	9.2	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		15.3	pCi/g	4.4	6.5	SW846-9310
Cesium-137	U	0.8	pCi/g	0	0.8	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 5

2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.297 mg/kg	0.297	SW846-8021 M
cis-1,2-Dichloroethene	U	0.297 mg/kg	0.297	SW846-8021 M
trans-1,2-Dichloroethene	U	0.297 mg/kg	0.297	SW846-8021 M

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WAG 3 - SWMU 5

Trichloroethene	U	0.297	mg/kg	0.297	SW846-8021 M
Vinyl chloride	U	0.297	mg/kg	0.297	SW846-8021 M
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014
Moisture		13.3	%		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031

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ERI99-W3-5

WAG 3 - SWMU 5

005028SA051

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7750	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		73.4	mg/kg		1	SW846-6010A
Beryllium		1.26	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	917	mg/kg		50	SW846-6010A
Chromium		17.1	mg/kg		2	SW846-6010A
Cobalt		4.36	mg/kg		1	SW846-6010A
Copper		8.62	mg/kg		2	SW846-6010A
Iron	*BNW	13800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	873	mg/kg		15	SW846-6010A
Manganese	*N	236	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.8	mg/kg		5	SW846-6010A
Potassium	N	849	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	225	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		15.7	mg/kg		2	SW846-6010A
Zinc		42.3	mg/kg		15	SW846-6010A
RADS						
Alpha activity		15.7	pCi/g	7.3	10	SW846-9310
Americium-241	U	6.6	pCi/g	0	6.6	DNT
Beta activity		27.6	pCi/g	5.5	7.4	SW846-9310
Cesium-137	U	0.88	pCi/g	0	0.88	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	570	pCi/g	0	570	DNT
Technetium-99	A	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	11	pCi/g	0	11	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,3-Dichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.43	mg/kg		0.43	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.43	mg/kg		0.43	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.43	mg/kg		0.43	SW846-8270
2,4-Dimethylphenol	U	0.43	mg/kg		0.43	SW846-8270

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WAG 3 - SWMU 5

2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.43	mg/kg	0.43	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.43	mg/kg	0.43	SW846-8270
2,6-Dinitrotoluene	U	0.43	mg/kg	0.43	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.43	mg/kg	0.43	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.43	mg/kg	0.43	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.43	mg/kg	0.43	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.43	mg/kg	0.43	SW846-8270
2-Methylphenol	U	0.43	mg/kg	0.43	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.43	mg/kg	0.43	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.43	mg/kg	0.43	SW846-8270
3-Nitrobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.43	mg/kg	0.43	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.43	mg/kg	0.43	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
4-Chlorophenyl phenyl ether	U	0.43	mg/kg	0.43	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.43	mg/kg	0.43	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
4-Nitrophenol	U	0.43	mg/kg	0.43	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.43	mg/kg	0.43	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.43	mg/kg	0.43	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.43	mg/kg	0.43	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(b)fluoranthene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(k)fluoranthene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.43	mg/kg	0.43	SW846-8270

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WAG 3 - SWMU 5

Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.43	mg/kg	0.43	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.43	mg/kg	0.43	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	UX	0.43	mg/kg	0.43	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.43	mg/kg	0.43	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.43	mg/kg	0.43	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.43	mg/kg	0.43	SW846-8270
Dibenz(a,h)anthracene	U	0.43	mg/kg	0.43	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.43	mg/kg	0.43	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.43	mg/kg	0.43	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.43	mg/kg	0.43	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	0.6	mg/kg	0.43	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.43	mg/kg	0.43	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.43	mg/kg	0.43	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorobutadiene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.43	mg/kg	0.43	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.43	mg/kg	0.43	SW846-8270
Isophorone	U	0.43	mg/kg	0.43	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.43	mg/kg	0.43	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.43	mg/kg	0.43	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.43	mg/kg	0.43	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.43	mg/kg	0.43	SW846-8270
Pentachlorophenol	U	0.43	mg/kg	0.43	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.43	mg/kg	0.43	SW846-8270
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.43	mg/kg	0.43	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.43	mg/kg	0.43	SW846-8270

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ERI99-W3-5

WAG 3 - SWMU 5

Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.43 mg/kg	0.43	SW846-8270
VOA				
1,1-Dichloroethene	U	0.356 mg/kg	0.356	SW846-8021 M
cis-1,2-Dichloroethene	U	0.356 mg/kg	0.356	SW846-8021 M
trans-1,2-Dichloroethene	U	0.356 mg/kg	0.356	SW846-8021 M
Trichloroethene	U	0.356 mg/kg	0.356	SW846-8021 M
Vinyl chloride	U	0.356 mg/kg	0.356	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005018SA014

Collected: 12/15/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8930	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		71	mg/kg		1	SW846-6010A
Beryllium		0.83	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1230	mg/kg		100	SW846-6010A
Chromium		14.6	mg/kg		2	SW846-6010A
Cobalt		5.24	mg/kg		2	SW846-6010A
Copper		6.44	mg/kg		2	SW846-6010A
Iron	*NW	12700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1180	mg/kg		15	SW846-6010A
Manganese		231	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.3	mg/kg		5	SW846-6010A
Potassium	N	269	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		218	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		27.2	mg/kg		2	SW846-6010A
Zinc		31.4	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.61	pCi/g	0.81	1.33	RL-7111
Americium-241	A	0.073	pCi/g	0.146	0.133	RL-7124
Beta activity		4.05	pCi/g	0.51	0.44	RL-7111
Neptunium-237	A	-0.0188	pCi/g	0.0377	0.0701	RL-7124
Plutonium-239/240	A	0.00167	pCi/g	0.0106	0.0497	RL-7120
Radium-226		1.31	pCi/g	2.62	0.525	RL-7124
Technetium-99	A	0	pCi/g	0	3.96	RL-7116
Thorium-234	A	0.632	pCi/g	1.26	0.675	RL-7124
Uranium-235		0.689	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	1	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	UY	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0073	mg/kg	0.0073	OA33499026
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.22	mg/kg	0.22	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.22	mg/kg	0.22	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0026	mg/kg	0.0015	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	22	mg/kg	22	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005018SA047

Collected: 12/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5630	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		19.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		638	mg/kg		100	SW846-6010A
Chromium		8.71	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		3.96	mg/kg		2	SW846-6010A
Iron	*NW	7040	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	306	mg/kg		15	SW846-6010A
Manganese		57	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	217	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		13.8	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.64	pCi/g	1.03	1.33	RL-7111
Americium-241	U	-0.0019	pCi/g	0.0038	0.132	RL-7124
Beta activity		3.08	pCi/g	0.45	0.44	RL-7111
Neptunium-237	U	-0.0146	pCi/g	0.0291	0.069	RL-7124
Plutonium-239/240	A	-0.0035	pCi/g	0.0077	0.0495	RL-7120
Radium-226		0.385	pCi/g	0.0739	0.319	RL-7124
Technetium-99	A	0.0281	pCi/g	0.0682	3.96	RL-7116
Thorium-234	U	0.849	pCi/g	1.7	0.743	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	UX	0.46	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	UY	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0054	mg/kg	0.0054	OA33499026
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0016	mg/kg	0.0011	OA33499026
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005018SA059

Collected: 12/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		104	mg/kg		1	SW846-6010A
Beryllium		1.47	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1800	mg/kg		100	SW846-6010A
Chromium		17.8	mg/kg		2	SW846-6010A
Cobalt		11.1	mg/kg		2	SW846-6010A
Copper		7.43	mg/kg		2	SW846-6010A
Iron	*NW	17700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1660	mg/kg		15	SW846-6010A
Manganese		253	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		15.8	mg/kg		5	SW846-6010A
Potassium	N	1080	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		18.7	mg/kg		2	SW846-6010A
Zinc		67.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		7.3	pCi/g	1.15	1.33	RL-7111
Americium-241	U	-0.0189	pCi/g	0.0378	0.127	RL-7124
Beta activity		6.97	pCi/g	0.67	0.44	RL-7111
Neptunium-237	U	-0.0165	pCi/g	0.033	0.0633	RL-7124
Plutonium-239/240	A	-0.0060	pCi/g	0.0085	0.0496	RL-7120
Radium-226		0.676	pCi/g	0.0746	0.316	RL-7124
Technetium-99	A	0	pCi/g	0	3.96	RL-7116
Thorium-234		1.08	pCi/g	0.439	0.527	RL-7124
Uranium-235		0.673	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	1.1	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	UY	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0066	mg/kg	0.0066	OA33499026
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0025	mg/kg	0.0013	OA33499026
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	20	mg/kg	20	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005018SA073

Collected: 12/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.95	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	9260	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		91.7	mg/kg		1	SW846-6010A
Beryllium		1.16	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		884	mg/kg		100	SW846-6010A
Chromium		11.7	mg/kg		2	SW846-6010A
Cobalt		8.35	mg/kg		2	SW846-6010A
Copper		9.09	mg/kg		2	SW846-6010A
Iron	*NW	15500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1230	mg/kg		15	SW846-6010A
Manganese		304	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.6	mg/kg		5	SW846-6010A
Potassium	N	934	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		18.8	mg/kg		2	SW846-6010A
Zinc		54.7	mg/kg		20	SW846-6010A
PHYSC						
pH	X	7.19	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.51	pCi/g	0.9	1.33	RL-7111
Americium-241	UX	-0.0067	pCi/g	0.0134	0.102	RL-7124
Beta activity		5.02	pCi/g	0.57	0.44	RL-7111
Neptunium-237	U	-0.0077	pCi/g	0.0153	0.0526	RL-7124
Plutonium-239/240	A	-0.001	pCi/g	0.0085	0.0494	RL-7120
Radium-226		0.527	pCi/g	0.0674	0.252	RL-7124
Technetium-99	A	0	pCi/g	0	3.96	RL-7116
Thorium-234	U	1.08	pCi/g	2.15	0.528	RL-7124
Uranium-235		0.711	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.44	mg/kg		0.44	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.44	mg/kg	0.44	SW846-8270
1,3-Dichlorobenzene	U	0.44	mg/kg	0.44	SW846-8270
1,4-Dichlorobenzene	U	0.44	mg/kg	0.44	SW846-8270
2,4,5-Trichlorophenol	U	0.44	mg/kg	0.44	SW846-8270
2,4,6-Trichlorophenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dichlorophenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dimethylphenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dinitrophenol	U	0.44	mg/kg	0.44	SW846-8270
2,4-Dinitrotoluene	U	0.44	mg/kg	0.44	SW846-8270
2,6-Dinitrotoluene	U	0.44	mg/kg	0.44	SW846-8270
2-Chloronaphthalene	U	0.44	mg/kg	0.44	SW846-8270
2-Chlorophenol	U	0.44	mg/kg	0.44	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.44	mg/kg	0.44	SW846-8270
2-Methylnaphthalene	U	0.44	mg/kg	0.44	SW846-8270
2-Methylphenol	U	0.44	mg/kg	0.44	SW846-8270
2-Nitrobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
2-Nitrophenol	U	0.44	mg/kg	0.44	SW846-8270
3,3'-Dichlorobenzidine	U	0.44	mg/kg	0.44	SW846-8270
3-Nitrobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
4-Bromophenyl phenyl ether	U	0.44	mg/kg	0.44	SW846-8270
4-Chloro-3-methylphenol	U	0.44	mg/kg	0.44	SW846-8270
4-Chlorobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
4-Chlorophenyl phenyl ether	U	0.44	mg/kg	0.44	SW846-8270
4-Methylphenol	U	0.44	mg/kg	0.44	SW846-8270
4-Nitrobenzenamine	U	0.44	mg/kg	0.44	SW846-8270
4-Nitrophenol	U	0.44	mg/kg	0.44	SW846-8270
Acenaphthene	U	0.44	mg/kg	0.44	SW846-8270
Acenaphthylene	U	0.44	mg/kg	0.44	SW846-8270
Anthracene	U	0.44	mg/kg	0.44	SW846-8270
Benz(a)anthracene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(a)pyrene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(b)fluoranthene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(ghi)perylene	U	0.44	mg/kg	0.44	SW846-8270
Benzo(k)fluoranthene	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-chloroethoxy)methane	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-chloroethyl) ether	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.44	mg/kg	0.44	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.44	mg/kg	0.44	SW846-8270
Butyl benzyl phthalate	U	0.44	mg/kg	0.44	SW846-8270
Carbazole	U	0.44	mg/kg	0.44	SW846-8270
Chrysene	U	0.44	mg/kg	0.44	SW846-8270
Dibenz(a,h)anthracene	U	0.44	mg/kg	0.44	SW846-8270
Dibenzofuran	U	0.44	mg/kg	0.44	SW846-8270
Diethyl phthalate	U	0.44	mg/kg	0.44	SW846-8270
Dimethyl phthalate	U	0.44	mg/kg	0.44	SW846-8270
Di-n-butyl phthalate	B	1.6	mg/kg	0.44	SW846-8270
Di-n-octylphthalate	U	0.44	mg/kg	0.44	SW846-8270
Fluoranthene	U	0.44	mg/kg	0.44	SW846-8270
Fluorene	U	0.44	mg/kg	0.44	SW846-8270
Hexachlorobenzene	U	0.44	mg/kg	0.44	SW846-8270
Hexachlorobutadiene	U	0.44	mg/kg	0.44	SW846-8270
Hexachlorocyclopentadiene	U	0.44	mg/kg	0.44	SW846-8270
Hexachloroethane	U	0.44	mg/kg	0.44	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.44	mg/kg	0.44	SW846-8270
Isophorone	U	0.44	mg/kg	0.44	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.44 mg/kg	0.44	SW846-8270
Nitrobenzene	U	0.44 mg/kg	0.44	SW846-8270
N-Nitroso-di-n-propylamine	U	0.44 mg/kg	0.44	SW846-8270
N-Nitrosodiphenylamine	U	0.44 mg/kg	0.44	SW846-8270
Pentachlorophenol	U	0.44 mg/kg	0.44	SW846-8270
Phenanthrene	U	0.44 mg/kg	0.44	SW846-8270
Phenol	U	0.44 mg/kg	0.44	SW846-8270
Pyrene	U	0.44 mg/kg	0.44	SW846-8270
Pyridine	UY	0.44 mg/kg	0.44	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0077 mg/kg	0.0077	OA33499026
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	UY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.23 mg/kg	0.23	OA33499026
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.23 mg/kg	0.23	OA33499026
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene		0.0029 mg/kg	0.0015	OA33499026
Vinyl chloride	U	23 mg/kg	23	OA33499026
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	UX	1 mg/kg	1	SW846-9014
Moisture		22.4 %		ASTM-D2216-92

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005-018

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005018SA085

Collected: 12/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8650	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		216	mg/kg		1	SW846-6010A
Beryllium		0.84	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1260	mg/kg		100	SW846-6010A
Chromium		17.1	mg/kg		2	SW846-6010A
Cobalt		15.3	mg/kg		2	SW846-6010A
Copper		8.3	mg/kg		2	SW846-6010A
Iron	*NW	10900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1240	mg/kg		15	SW846-6010A
Manganese		725	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.6	mg/kg		5	SW846-6010A
Potassium	N	781	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		15.5	mg/kg		2	SW846-6010A
Zinc		65.2	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.83	pCi/g	1.02	1.33	RL-7111
Americium-241	A	0.0237	pCi/g	0.0473	0.135	RL-7124
Beta activity		6.97	pCi/g	0.67	0.44	RL-7111
Neptunium-237	A	0.00060	pCi/g	0.0012	0.0689	RL-7124
Plutonium-239/240	A	0.00498	pCi/g	0.0104	0.0497	RL-7120
Radium-226		1.36	pCi/g	2.73	0.544	RL-7124
Technetium-99	A	0	pCi/g	0	3.96	RL-7116
Thorium-234		1.59	pCi/g	3.18	0.72	RL-7124
Uranium		3.18	pCi/g	4.69	0.816	RL-7124
Uranium-234		1.4	pCi/g	2.06	0.346	RL-7124
Uranium-235		0.65	wt %	0.44		RL-7124
Uranium-235		0.736	wt %			AS7300
Uranium-238		1.71	pCi/g	0.717	0.417	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

*QUALIFIER Codes See attached List.

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	1	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	UY	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0079	mg/kg	0.0079	OA33499026
1,2-Dichloroethane	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.24	mg/kg	0.24	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.24	mg/kg	0.24	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0025	mg/kg	0.0016	OA33499026
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	24	mg/kg	24	OA33499026

WETCHEM

Cyanide	UX	1	mg/kg	1	SW846-9014
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005-018

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005018SD059

Collected: 12/16/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		81.8	mg/kg		1	SW846-6010A
Beryllium		1.29	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1740	mg/kg		100	SW846-6010A
Chromium		18.3	mg/kg		2	SW846-6010A
Cobalt		6.97	mg/kg		2	SW846-6010A
Copper		6.59	mg/kg		2	SW846-6010A
Iron	*NW	17100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1360	mg/kg		15	SW846-6010A
Manganese		144	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.1	mg/kg		5	SW846-6010A
Potassium	N	878	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		20.1	mg/kg		2	SW846-6010A
Zinc		55.5	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		8.3	pCi/g	1.24	1.33	RL-7111
Americium-241	U	-0.022	pCi/g	0.044	0.148	RL-7124
Beta activity		6.65	pCi/g	0.66	0.44	RL-7111
Neptunium-237	U	0.0395	pCi/g	0.0789	0.0816	RL-7124
Plutonium-239/240	A	0.0245	pCi/g	0.0148	0.0495	RL-7120
Radium-226	U	1.88	pCi/g	3.75	0.611	RL-7124
Technetium-99	A	0	pCi/g	0	3.96	RL-7116
Thorium-234	U	1.89	pCi/g	3.78	0.784	RL-7124
Uranium-235		0.744	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,2-Dichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,3-Dichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
1,4-Dichlorobenzene	U	0.43	mg/kg		0.43	SW846-8270
2,4,5-Trichlorophenol	U	0.43	mg/kg		0.43	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4,6-Trichlorophenol	U	0.43	mg/kg	0.43	SW846-8270
2,4-Dichlorophenol	U	0.43	mg/kg	0.43	SW846-8270
2,4-Dimethylphenol	U	0.43	mg/kg	0.43	SW846-8270
2,4-Dinitrophenol	U	0.43	mg/kg	0.43	SW846-8270
2,4-Dinitrotoluene	U	0.43	mg/kg	0.43	SW846-8270
2,6-Dinitrotoluene	U	0.43	mg/kg	0.43	SW846-8270
2-Chloronaphthalene	U	0.43	mg/kg	0.43	SW846-8270
2-Chlorophenol	U	0.43	mg/kg	0.43	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.43	mg/kg	0.43	SW846-8270
2-Methylnaphthalene	U	0.43	mg/kg	0.43	SW846-8270
2-Methylphenol	U	0.43	mg/kg	0.43	SW846-8270
2-Nitrobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
2-Nitrophenol	U	0.43	mg/kg	0.43	SW846-8270
3,3'-Dichlorobenzidine	U	0.43	mg/kg	0.43	SW846-8270
3-Nitrobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
4-Bromophenyl phenyl ether	U	0.43	mg/kg	0.43	SW846-8270
4-Chloro-3-methylphenol	U	0.43	mg/kg	0.43	SW846-8270
4-Chlorobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
4-Chlorophenyl phenyl ether	U	0.43	mg/kg	0.43	SW846-8270
4-Methylphenol	U	0.43	mg/kg	0.43	SW846-8270
4-Nitrobenzenamine	U	0.43	mg/kg	0.43	SW846-8270
4-Nitrophenol	U	0.43	mg/kg	0.43	SW846-8270
Acenaphthene	U	0.43	mg/kg	0.43	SW846-8270
Acenaphthylene	U	0.43	mg/kg	0.43	SW846-8270
Anthracene	U	0.43	mg/kg	0.43	SW846-8270
Benz(a)anthracene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(a)pyrene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(b)fluoranthene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(ghi)perylene	U	0.43	mg/kg	0.43	SW846-8270
Benzo(k)fluoranthene	U	0.43	mg/kg	0.43	SW846-8270
Bis(2-chloroethoxy)methane	U	0.43	mg/kg	0.43	SW846-8270
Bis(2-chloroethyl) ether	U	0.43	mg/kg	0.43	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.43	mg/kg	0.43	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.43	mg/kg	0.43	SW846-8270
Butyl benzyl phthalate	U	0.43	mg/kg	0.43	SW846-8270
Carbazole	U	0.43	mg/kg	0.43	SW846-8270
Chrysene	U	0.43	mg/kg	0.43	SW846-8270
Dibenz(a,h)anthracene	U	0.43	mg/kg	0.43	SW846-8270
Dibenzofuran	U	0.43	mg/kg	0.43	SW846-8270
Diethyl phthalate	U	0.43	mg/kg	0.43	SW846-8270
Dimethyl phthalate	U	0.43	mg/kg	0.43	SW846-8270
Di-n-butyl phthalate	B	0.91	mg/kg	0.43	SW846-8270
Di-n-octylphthalate	U	0.43	mg/kg	0.43	SW846-8270
Fluoranthene	U	0.43	mg/kg	0.43	SW846-8270
Fluorene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorobenzene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorobutadiene	U	0.43	mg/kg	0.43	SW846-8270
Hexachlorocyclopentadiene	U	0.43	mg/kg	0.43	SW846-8270
Hexachloroethane	U	0.43	mg/kg	0.43	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.43	mg/kg	0.43	SW846-8270
Isophorone	U	0.43	mg/kg	0.43	SW846-8270
Naphthalene	U	0.43	mg/kg	0.43	SW846-8270
Nitrobenzene	U	0.43	mg/kg	0.43	SW846-8270
N-Nitroso-di-n-propylamine	U	0.43	mg/kg	0.43	SW846-8270
N-Nitrosodiphenylamine	U	0.43	mg/kg	0.43	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Pentachlorophenol	U	0.43	mg/kg	0.43	SW846-8270
Phenanthrene	U	0.43	mg/kg	0.43	SW846-8270
Phenol	U	0.43	mg/kg	0.43	SW846-8270
Pyrene	U	0.43	mg/kg	0.43	SW846-8270
Pyridine	UY	0.43	mg/kg	0.43	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0047	mg/kg	0.0047	OA33499026
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg	0.14	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.14	mg/kg	0.14	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0012	mg/kg	0.0009	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	14	mg/kg	14	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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005-019

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005019SA014

Collected: 12/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10200	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		76	mg/kg		1	SW846-6010A
Beryllium		0.93	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		956	mg/kg		100	SW846-6010A
Chromium		18.1	mg/kg		2	SW846-6010A
Cobalt		6.68	mg/kg		2	SW846-6010A
Copper		7.23	mg/kg		2	SW846-6010A
Iron	*NW	18000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1100	mg/kg		15	SW846-6010A
Manganese		289	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.3	mg/kg		5	SW846-6010A
Potassium	N	363	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		221	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		33.3	mg/kg		2	SW846-6010A
Zinc		32.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.13	pCi/g	0.94	1.23	RL-7111
Americium-241	AX	-0.0065	pCi/g	0.013	0.0805	RL-7124
Beta activity		2.63	pCi/g	0.39	0.4	RL-7111
Neptunium-237	A	0.00726	pCi/g	0.0145	0.0429	RL-7124
Plutonium-239/240	A	-0.0052	pCi/g	0.0131	0.0531	RL-7120
Radium-226	U	1.26	pCi/g	2.53	0.333	RL-7124
Technetium-99	A	0	pCi/g	0	4.34	RL-7116
Thorium-234	U	0.903	pCi/g	1.81	0.443	RL-7124
Uranium-235		0.731	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

2,4,6-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.64	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	B	5.4	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	19	mg/kg	19	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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WAG 3 - SWMU 5 - Phase II

005019SA035

Collected: 12/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		2.93	pCi/g	0.7	1.23	RL-7111
Americium-241	U	-0.0214	pCi/g	0.0428	0.189	RL-7124
Beta activity		2.04	pCi/g	0.35	0.4	RL-7111
Neptunium-237	U	0.0166	pCi/g	0.0332	0.0866	RL-7124
Plutonium-239/240	A	-0.0104	pCi/g	0.0066	0.0478	RL-7120
Radium-226		2.22	pCi/g	4.43	0.809	RL-7124
Technetium-99	A	0.145	pCi/g	0.64	4.34	RL-7116
Thorium-234		1.63	pCi/g	3.27	1.06	RL-7124
Uranium		3.3	pCi/g	4.91	0.941	RL-7124
Uranium-234		1.47	pCi/g	2.19	0.4	RL-7124
Uranium-235		0.66	wt %	0.45		RL-7124
Uranium-235		0.716	wt %			AS7300
Uranium-238		1.76	pCi/g	0.754	0.47	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.009	mg/kg		0.009	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.28	mg/kg		0.28	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.28	mg/kg		0.28	OA33499026

*QUALIFIER Codes See attached List.

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WAG 3 - SWMU 5 - Phase II

trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0019	mg/kg	0.0019	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	28	mg/kg	28	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005019SA047

Collected: 12/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8110	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		16.5	mg/kg		1	SW846-6010A
Beryllium		0.71	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		624	mg/kg		100	SW846-6010A
Chromium		10.3	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		4.41	mg/kg		2	SW846-6010A
Iron	*NW	13900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	358	mg/kg		15	SW846-6010A
Manganese		39.7	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.26	mg/kg		5	SW846-6010A
Potassium	N	247	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		22.4	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		6.5	pCi/g	1.06	1.23	RL-7111
Americium-241	U	0.0321	pCi/g	0.0643	0.108	RL-7124
Beta activity		2.63	pCi/g	0.39	0.4	RL-7111
Neptunium-237	U	0.0104	pCi/g	0.0208	0.0579	RL-7124
Plutonium-239/240	A	-0.0002	pCi/g	0.0098	0.0479	RL-7120
Radium-226		0.521	pCi/g	0.0577	0.233	RL-7124
Technetium-99	A	0	pCi/g	0	4.34	RL-7116
Thorium-234		0.753	pCi/g	0.33	0.413	RL-7124
Uranium	U	1.51	pCi/g	2.72	1.51	RL-7124
Uranium-234	U	0.592	pCi/g	1.07	0.591	RL-7124
Uranium-235		0.56	wt %	0.38		RL-7124
Uranium-235		0.799	wt %			AS7300
Uranium-238	U	0.883	pCi/g	0.972	0.88	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.52	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	3.1	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.47 mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47 mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47 mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47 mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47 mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47 mg/kg	0.47	SW846-8270
Phenol	U	0.47 mg/kg	0.47	SW846-8270
Pyrene	U	0.47 mg/kg	0.47	SW846-8270
Pyridine	U	0.47 mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.007 mg/kg	0.007	OA33499026
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	U	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.21 mg/kg	0.21	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.21 mg/kg	0.21	OA33499026
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0014 mg/kg	0.0014	OA33499026
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	21 mg/kg	21	OA33499026
Vinyl chloride	U	0.01 mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	UX	1 mg/kg	1	SW846-9014
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Paducah-OREIS Data Report

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12/18/2007

005-019

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005019SA059

Collected: 12/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		3.84	pCi/g	0.81	1.23	RL-7111
Americium-241	U	-0.0353	pCi/g	0.0706	0.097	RL-7124
Beta activity		2.04	pCi/g	0.35	0.4	RL-7111
Neptunium-237	U	-0.0065	pCi/g	0.013	0.0524	RL-7124
Plutonium-239/240	A	-0.0029	pCi/g	0.0102	0.0482	RL-7120
Radium-226		0.411	pCi/g	0.0644	0.245	RL-7124
Technetium-99	A	0.532	pCi/g	0.676	4.34	RL-7116
Thorium-234	U	0.248	pCi/g	0.497	0.561	RL-7124
Uranium-235		0.77	wt %			AS7300
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg		0.007	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0014	mg/kg		0.0014	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260

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005-019

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Vinyl chloride U 21 mg/kg 21 OA33499026

005019SA073

Collected: 12/14/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		0.78	pCi/g	0.25	0.61	RL-7111
Beta activity		2.13	pCi/g	0.32	0.32	RL-7111
Technetium-99	A	0	pCi/g	0	3.69	RL-7116
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.009	mg/kg		0.009	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.28	mg/kg		0.28	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.28	mg/kg		0.28	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0019	mg/kg		0.0019	OA33499026
Vinyl chloride	U	28	mg/kg		28	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260

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005-019

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005019SA085

Collected: 12/14/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		1.94	pCi/g	0.41	0.61	RL-7111
Beta activity		1.19	pCi/g	0.24	0.32	RL-7111
Technetium-99		3.89	pCi/g	2.71	3.69	RL-7116
VOA						
1,1-Dichloroethene	U	0.007	mg/kg		0.007	OA33499026
cis-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
trans-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
Trichloroethene	U	0.0014	mg/kg		0.0014	OA33499026
Vinyl chloride	U	21	mg/kg		21	OA33499026

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005-020

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005020SA014

Collected: 12/7/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8020	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		66.1	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1240	mg/kg		100	SW846-6010A
Chromium		12.1	mg/kg		2	SW846-6010A
Cobalt		3.03	mg/kg		2	SW846-6010A
Copper		5.02	mg/kg		2	SW846-6010A
Iron	*NW	8440	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	995	mg/kg		15	SW846-6010A
Manganese		173	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.96	mg/kg		5	SW846-6010A
Potassium	N	300	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		228	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		18.9	mg/kg		2	SW846-6010A
Zinc		26.4	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.26	pCi/g	0.62	0.84	RL-7111
Americium-241	A	-0.0227	pCi/g	0.0454	0.144	RL-7124
Beta activity	B	3.18	pCi/g	0.43	0.39	RL-7111
Neptunium-237	A	0.0299	pCi/g	0.0599	0.0772	RL-7124
Plutonium-239/240	A	-0.0028	pCi/g	0.0092	0.0476	RL-7120
Radium-226	A	1.52	pCi/g	3.03	0.602	RL-7124
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234		1.86	pCi/g	3.72	0.781	RL-7124
Uranium		2.07	pCi/g	3.3	0.486	RL-7124
Uranium-234		0.0498	pCi/g	0.0793	0.0105	RL-7124
Uranium-235		0.16	wt %	0.11		RL-7124
Uranium-238		2	pCi/g	0.722	0.411	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	5.3	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.009	mg/kg	0.009	OA33499026
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.26	mg/kg	0.26	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.26	mg/kg	0.26	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0017	mg/kg	0.0017	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	26	mg/kg	26	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005020SA035

Collected: 12/7/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7430	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		18.2	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		871	mg/kg		100	SW846-6010A
Chromium		8.46	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		2.79	mg/kg		2	SW846-6010A
Iron	*NW	9130	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	509	mg/kg		15	SW846-6010A
Manganese		23.2	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	233	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		18.2	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		1.42	pCi/g	0.03	0.84	RL-7111
Americium-241	AX	-0.0555	pCi/g	0.111	0.0893	RL-7124
Beta activity	B	2.75	pCi/g	0.04	0.39	RL-7111
Neptunium-237	A	-0.0047	pCi/g	0.0094	0.0478	RL-7124
Plutonium-239/240	A	-0.0051	pCi/g	0.0086	0.048	RL-7120
Radium-226	U	1.52	pCi/g	3.04	0.404	RL-7124
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	1.18	pCi/g	2.36	0.537	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

*QUALIFIER Codes See attached List.

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WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	2.6	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg	0.0013	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	19	mg/kg	19	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005020SA047

Collected: 12/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6950	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		19.5	mg/kg		1	SW846-6010A
Beryllium		0.57	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		577	mg/kg		100	SW846-6010A
Chromium		6.27	mg/kg		2	SW846-6010A
Cobalt		4.09	mg/kg		2	SW846-6010A
Copper		6.18	mg/kg		2	SW846-6010A
Iron	*NW	9090	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	321	mg/kg		15	SW846-6010A
Manganese		45.6	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.99	mg/kg		5	SW846-6010A
Potassium	N	254	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		20.5	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.25	pCi/g	0.43	0.84	RL-7111
Americium-241	AX	-0.0342	pCi/g	0.0683	0.0897	RL-7124
Beta activity	B	4.92	pCi/g	0.66	0.39	RL-7111
Neptunium-237	A	-0.0061	pCi/g	0.0122	0.0439	RL-7124
Plutonium-239/240	A	-0.0095	pCi/g	0.0068	0.0478	RL-7120
Radium-226	U	1.47	pCi/g	2.94	0.378	RL-7124
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	0.886	pCi/g	1.77	0.507	RL-7124
Uranium-235		0.666	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	JU	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate		0.73	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	7.3	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.009	mg/kg	0.009	OA33499026
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.26	mg/kg	0.26	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.26	mg/kg	0.26	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0017	mg/kg	0.0017	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	26	mg/kg	26	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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WAG 3 - SWMU 5 - Phase II

005020SA059

Collected: 12/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	13600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		70.4	mg/kg		1	SW846-6010A
Beryllium		1.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1890	mg/kg		100	SW846-6010A
Chromium		25.7	mg/kg		2	SW846-6010A
Cobalt		2.71	mg/kg		2	SW846-6010A
Copper		14.4	mg/kg		2	SW846-6010A
Iron	*NW	24400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1820	mg/kg		15	SW846-6010A
Manganese		68.2	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		19.3	mg/kg		5	SW846-6010A
Potassium	N	1170	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		26.7	mg/kg		2	SW846-6010A
Zinc		79.9	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.85	pCi/g	0.86	0.84	RL-7111
Americium-241	AX	-0.0056	pCi/g	0.0112	0.109	RL-7124
Beta activity	B	3.9	pCi/g	0.48	0.39	RL-7111
Neptunium-237	A	0.00953	pCi/g	0.0191	0.0551	RL-7124
Plutonium-239/240	A	-0.0149	pCi/g	0.0064	0.0525	RL-7120
Radium-226	U	1.63	pCi/g	3.27	0.451	RL-7124
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	2.1	pCi/g	4.2	0.636	RL-7124
Uranium	U	4.37	pCi/g	6.16	0.638	RL-7124
Uranium-234	U	2.01	pCi/g	2.83	0.279	RL-7124
Uranium-235		0.69	wt %	0.47		RL-7124
Uranium-238	U	2.26	pCi/g	0.53	0.309	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.5	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	3.9	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg	0.007	OA33499026
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg	0.0013	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	20	mg/kg	20	OA33499026
WETCHEM					
Cyanide	NUX	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005020SA073

Collected: 12/8/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		56.5	mg/kg		1	SW846-6010A
Beryllium		1.39	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1540	mg/kg		100	SW846-6010A
Chromium		22.9	mg/kg		2	SW846-6010A
Cobalt		3.37	mg/kg		2	SW846-6010A
Copper		7.22	mg/kg		2	SW846-6010A
Iron	*NW	18000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1320	mg/kg		15	SW846-6010A
Manganese		73.3	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.4	mg/kg		5	SW846-6010A
Potassium	N	748	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		17.2	mg/kg		2	SW846-6010A
Zinc		65.7	mg/kg		20	SW846-6010A
PHYSC						
pH	X	7.48	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.15	pCi/g	0.7	0.84	RL-7111
Americium-241	A	-0.0977	pCi/g	0.196	0.155	RL-7124
Beta activity	B	4.05	pCi/g	0.48	0.39	RL-7111
Neptunium-237	A	0.01	pCi/g	0.0201	0.088	RL-7124
Plutonium-239/240	A	-0.0097	pCi/g	0.0116	0.0531	RL-7120
Radium-226		1.73	pCi/g	3.45	0.66	RL-7124
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234		1.69	pCi/g	3.38	0.909	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	JU	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	5.9	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

N-Nitrosodiphenylamine	U	0.48 mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48 mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.008 mg/kg	0.008	OA33499026
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	UY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.22 mg/kg	0.22	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.22 mg/kg	0.22	OA33499026
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0015 mg/kg	0.0015	OA33499026
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	22 mg/kg	22	OA33499026
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005020SD047

Collected: 12/8/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7370	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		19.3	mg/kg		1	SW846-6010A
Beryllium		0.72	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		650	mg/kg		100	SW846-6010A
Chromium		7.56	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		5.49	mg/kg		2	SW846-6010A
Iron	*NW	10700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	372	mg/kg		15	SW846-6010A
Manganese		18.4	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.71	mg/kg		5	SW846-6010A
Potassium	N	286	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		22.8	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.31	pCi/g	0.52	0.84	RL-7111
Americium-241	AX	-0.0224	pCi/g	0.0449	0.0929	RL-7124
Beta activity	B	3.76	pCi/g	0.47	0.39	RL-7111
Neptunium-237	A	-0.0102	pCi/g	0.0204	0.0481	RL-7124
Plutonium-239/240	A	-0.0007	pCi/g	0.0101	0.0479	RL-7120
Radium-226	U	1.61	pCi/g	3.21	0.399	RL-7124
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	1.23	pCi/g	2.46	0.537	RL-7124
Uranium	U	2.47	pCi/g	3.53	0.479	RL-7124
Uranium-234	U	1.09	pCi/g	1.56	0.201	RL-7124
Uranium-235		0.66	wt %	0.45		RL-7124
Uranium-235		0.65	wt %			AS7300
Uranium-238	U	1.32	pCi/g	0.393	0.238	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	3.6	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.008	mg/kg	0.008	OA33499026
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	UY	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.23	mg/kg	0.23	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.23	mg/kg	0.23	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0016	mg/kg	0.0016	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	23	mg/kg	23	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

005-021

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005021SA014

Collected: 12/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		58.6	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1880	mg/kg		100	SW846-6010A
Chromium		14.6	mg/kg		2	SW846-6010A
Cobalt		4.1	mg/kg		2	SW846-6010A
Copper		7.62	mg/kg		2	SW846-6010A
Iron	*NW	9390	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1070	mg/kg		15	SW846-6010A
Manganese	*N	151	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.95	mg/kg		5	SW846-6010A
Potassium		312	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		288	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22.9	mg/kg		2	SW846-6010A
Zinc		24.3	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.18	pCi/g	0.61	0.87	RL-7111
Americium-241	U	-0.0057	pCi/g	0.0114	0.0959	RL-7124
Beta activity		3.85	pCi/g	0.46	0.37	RL-7111
Neptunium-237	U	0.0113	pCi/g	0.0226	0.05	RL-7124
Plutonium-239/240	A	-0.0096	pCi/g	0.0040	0.0499	RL-7120
Radium-226	U	1.11	pCi/g	2.22	0.405	RL-7124
Technetium-99	U	0	pCi/g	0	4.37	RL-7116
Thorium-234	U	0.584	pCi/g	1.17	0.504	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg		0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg		0.49	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(k)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0.49	SW846-8270
Dibenz(a,h)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Dibenzofuran	U	0.49	mg/kg	0.49	SW846-8270
Diethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Dimethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Di-n-butyl phthalate	B	1	mg/kg	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0.49	SW846-8270
Fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobutadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0.49	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.49	mg/kg	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0.49	SW846-8270
Pyridine	UY	0.49	mg/kg	0.49	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18	mg/kg	0.18	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18	mg/kg	0.18	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0028	mg/kg	0.0012	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	18	mg/kg	18	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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WAG 3 - SWMU 5 - Phase II

005021SA035

Collected: 12/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6760	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		28.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		534	mg/kg		100	SW846-6010A
Chromium		8.63	mg/kg		2	SW846-6010A
Cobalt		4.64	mg/kg		2	SW846-6010A
Copper		3.9	mg/kg		2	SW846-6010A
Iron	*NW	10100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		458	mg/kg		15	SW846-6010A
Manganese	*N	260	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium		186	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.3	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.15	pCi/g	0.6	0.87	RL-7111
Americium-241	U	-0.0432	pCi/g	0.0864	0.111	RL-7124
Beta activity		4.12	pCi/g	0.48	0.37	RL-7111
Neptunium-237	U	-0.0208	pCi/g	0.0417	0.0552	RL-7124
Plutonium-239/240	A	-0.0039	pCi/g	0.0073	0.0495	RL-7120
Radium-226	U	0.258	pCi/g	0.0496	0.282	RL-7124
Technetium-99	U	0	pCi/g	0	4.37	RL-7116
Thorium-234		1.13	pCi/g	2.25	0.645	RL-7124
Uranium		2.14	pCi/g	3.6	1.23	RL-7124
Uranium-234		0.856	pCi/g	1.44	0.486	RL-7124
Uranium-235		0.57	wt %	0.39		RL-7124
Uranium-235		0.764	wt %			AS7300
Uranium-238		1.24	pCi/g	1.1	0.702	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	B	0.93	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	UY	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0042	mg/kg	0.0042	OA33499026
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.13	mg/kg	0.13	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.13	mg/kg	0.13	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0048	mg/kg	0.0008	OA33499026
Vinyl chloride	U	13	mg/kg	13	OA33499026
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005021SA047

Collected: 12/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6940	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		16.7	mg/kg		1	SW846-6010A
Beryllium		0.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		553	mg/kg		100	SW846-6010A
Chromium		12.3	mg/kg		2	SW846-6010A
Cobalt		3.67	mg/kg		2	SW846-6010A
Copper		4.96	mg/kg		2	SW846-6010A
Iron	*NW	14000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		332	mg/kg		15	SW846-6010A
Manganese	*N	65.7	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.16	mg/kg		5	SW846-6010A
Potassium		228	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.76	pCi/g	0.75	0.87	RL-7111
Americium-241	U	-0.0209	pCi/g	0.0418	0.116	RL-7124
Beta activity		4.12	pCi/g	0.48	0.37	RL-7111
Neptunium-237	U	0.0084	pCi/g	0.0168	0.0576	RL-7124
Plutonium-239/240	A	0.00591	pCi/g	0.0105	0.0496	RL-7120
Radium-226		1.47	pCi/g	2.95	0.491	RL-7124
Technetium-99	U	0	pCi/g	0	4.37	RL-7116
Thorium-234	U	1.1	pCi/g	2.21	0.628	RL-7124
Uranium	U	2.29	pCi/g	3.43	0.717	RL-7124
Uranium-234	U	1.05	pCi/g	1.57	0.319	RL-7124
Uranium-235		0.74	wt %			AS7300
Uranium-235		0.69	wt %	0.47		RL-7124
Uranium-238	U	1.19	pCi/g	0.626	0.357	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(k)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0.49	SW846-8270
Dibenz(a,h)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Dibenzofuran	U	0.49	mg/kg	0.49	SW846-8270
Diethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Dimethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Di-n-butyl phthalate	B	0.5	mg/kg	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0.49	SW846-8270
Fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobutadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0.49	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.49	mg/kg	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0.49	SW846-8270
Pyridine	UY	0.49	mg/kg	0.49	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18	mg/kg	0.18	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18	mg/kg	0.18	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0027	mg/kg	0.0012	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	18	mg/kg	18	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005021SA059

Collected: 12/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	16400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		69.6	mg/kg		1	SW846-6010A
Beryllium		1.47	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1660	mg/kg		100	SW846-6010A
Chromium		24.9	mg/kg		2	SW846-6010A
Cobalt		2.95	mg/kg		2	SW846-6010A
Copper		12.2	mg/kg		2	SW846-6010A
Iron	*NW	24800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1810	mg/kg		15	SW846-6010A
Manganese	*N	84.3	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		19.8	mg/kg		5	SW846-6010A
Potassium		1480	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		29.6	mg/kg		2	SW846-6010A
Zinc		73.6	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.92	pCi/g	0.78	0.87	RL-7111
Americium-241	U	-0.0052	pCi/g	0.0103	0.14	RL-7124
Beta activity		2.47	pCi/g	0.37	0.37	RL-7111
Neptunium-237	U	0.0121	pCi/g	0.0242	0.0793	RL-7124
Plutonium-239/240	A	-0.0022	pCi/g	0.0081	0.0496	RL-7120
Radium-226		1.47	pCi/g	2.94	0.562	RL-7124
Technetium-99	U	0	pCi/g	0	4.37	RL-7116
Thorium-234		1.33	pCi/g	2.66	0.759	RL-7124
Uranium		2.35	pCi/g	3.47	0.537	RL-7124
Uranium-234		0.876	pCi/g	1.29	0.185	RL-7124
Uranium-235		0.53	wt %	0.36		RL-7124
Uranium-235		0.697	wt %			AS7300
Uranium-238		1.43	pCi/g	0.443	0.295	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

1,2-Dichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
1,3-Dichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
1,4-Dichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
2,4,5-Trichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4,6-Trichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dimethylphenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dinitrophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dinitrotoluene	U	0.45	mg/kg	0.45	SW846-8270
2,6-Dinitrotoluene	U	0.45	mg/kg	0.45	SW846-8270
2-Chloronaphthalene	U	0.45	mg/kg	0.45	SW846-8270
2-Chlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.45	mg/kg	0.45	SW846-8270
2-Methylnaphthalene	U	0.45	mg/kg	0.45	SW846-8270
2-Methylphenol	U	0.45	mg/kg	0.45	SW846-8270
2-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
2-Nitrophenol	U	0.45	mg/kg	0.45	SW846-8270
3,3'-Dichlorobenzidine	U	0.45	mg/kg	0.45	SW846-8270
3-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Bromophenyl phenyl ether	U	0.45	mg/kg	0.45	SW846-8270
4-Chloro-3-methylphenol	U	0.45	mg/kg	0.45	SW846-8270
4-Chlorobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Chlorophenyl phenyl ether	U	0.45	mg/kg	0.45	SW846-8270
4-Methylphenol	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrophenol	U	0.45	mg/kg	0.45	SW846-8270
Acenaphthene	U	0.45	mg/kg	0.45	SW846-8270
Acenaphthylene	U	0.45	mg/kg	0.45	SW846-8270
Anthracene	U	0.45	mg/kg	0.45	SW846-8270
Benz(a)anthracene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(a)pyrene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(b)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(ghi)perylene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(k)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethoxy)methane	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.45	mg/kg	0.45	SW846-8270
Butyl benzyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Carbazole	U	0.45	mg/kg	0.45	SW846-8270
Chrysene	U	0.45	mg/kg	0.45	SW846-8270
Dibenz(a,h)anthracene	U	0.45	mg/kg	0.45	SW846-8270
Dibenzofuran	U	0.45	mg/kg	0.45	SW846-8270
Diethyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Dimethyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Di-n-butyl phthalate	B	0.98	mg/kg	0.45	SW846-8270
Di-n-octylphthalate	U	0.45	mg/kg	0.45	SW846-8270
Fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Fluorene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorobutadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorocyclopentadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachloroethane	U	0.45	mg/kg	0.45	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.45	mg/kg	0.45	SW846-8270
Isophorone	U	0.45	mg/kg	0.45	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Naphthalene	U	0.45	mg/kg	0.45	SW846-8270
Nitrobenzene	U	0.45	mg/kg	0.45	SW846-8270
N-Nitroso-di-n-propylamine	U	0.45	mg/kg	0.45	SW846-8270
N-Nitrosodiphenylamine	U	0.45	mg/kg	0.45	SW846-8270
Pentachlorophenol	U	0.45	mg/kg	0.45	SW846-8270
Phenanthrene	U	0.45	mg/kg	0.45	SW846-8270
Phenol	U	0.45	mg/kg	0.45	SW846-8270
Pyrene	U	0.45	mg/kg	0.45	SW846-8270
Pyridine	UY	0.45	mg/kg	0.45	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0053	mg/kg	0.0053	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0023	mg/kg	0.0011	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	UX	1	mg/kg	1	SW846-9014
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005-021

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005021SA073

Collected: 12/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.38	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	10800	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		136	mg/kg		1	SW846-6010A
Beryllium		1.68	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1060	mg/kg		100	SW846-6010A
Chromium		15.6	mg/kg		2	SW846-6010A
Cobalt		9.16	mg/kg		2	SW846-6010A
Copper		9.9	mg/kg		2	SW846-6010A
Iron	*NW	22700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1220	mg/kg		15	SW846-6010A
Manganese	*N	498	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		17.3	mg/kg		5	SW846-6010A
Potassium		906	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	J	5.14	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		31.1	mg/kg		2	SW846-6010A
Zinc		63.5	mg/kg		20	SW846-6010A
PHYSC						
pH		7.07	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		1.86	pCi/g	0.45	0.87	RL-7111
Americium-241	U	-0.0279	pCi/g	0.0557	0.117	RL-7124
Beta activity		4.12	pCi/g	0.48	0.37	RL-7111
Neptunium-237	U	-0.0339	pCi/g	0.0678	0.059	RL-7124
Plutonium-239/240	A	-0.0071	pCi/g	0.0093	0.05	RL-7120
Radium-226		1.52	pCi/g	3.04	0.489	RL-7124
Technetium-99	U	0	pCi/g	0	4.37	RL-7116
Thorium-234		1.06	pCi/g	2.12	0.644	RL-7124
Uranium	U	1.24	pCi/g	1.93	4.16	RL-7124
Uranium-234	U	0.0824	pCi/g	0.128	0.0253	RL-7124
Uranium-235		0.19	wt %	0.13		RL-7124

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WAG 3 - SWMU 5 - Phase II

Uranium-235		0.713	wt %			AS7300
Uranium-238	U	1.14	pCi/g	0.53	0.343	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg		0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg		0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg		0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg		0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg		0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg		0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg		0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg		0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg		0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg		0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg		0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg		0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg		0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg		0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg		0.47	SW846-8270
Anthracene	U	0.47	mg/kg		0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg		0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg		0.47	SW846-8270
Carbazole	U	0.47	mg/kg		0.47	SW846-8270
Chrysene	U	0.47	mg/kg		0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg		0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg		0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg		0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg		0.47	SW846-8270
Di-n-butyl phthalate	B	1.4	mg/kg		0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg		0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg		0.47	SW846-8270
Fluorene	U	0.47	mg/kg		0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	UY	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0045	mg/kg	0.0045	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.13	mg/kg	0.13	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.13	mg/kg	0.13	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0025	mg/kg	0.0009	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	13	mg/kg	13	OA33499026

WETCHEM

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WAG 3 - SWMU 5 - Phase II

Cyanide	UX	1	mg/kg	1	SW846-9014
Moisture		21	%		ASTM-D2216-92

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005021SD073

Collected: 12/20/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.64	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	11100	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		56.3	mg/kg		1	SW846-6010A
Beryllium		0.86	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1080	mg/kg		100	SW846-6010A
Chromium		17.8	mg/kg		2	SW846-6010A
Cobalt		3.14	mg/kg		2	SW846-6010A
Copper		5.62	mg/kg		2	SW846-6010A
Iron	*NW	11900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		981	mg/kg		15	SW846-6010A
Manganese	*N	108	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.2	mg/kg		5	SW846-6010A
Potassium		726	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		14.4	mg/kg		2	SW846-6010A
Zinc		46.8	mg/kg		20	SW846-6010A
PHYSC						
pH		7.53	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.16	pCi/g	0.7	0.87	RL-7111
Americium-241	U	-0.0541	pCi/g	0.108	0.136	RL-7124
Beta activity		3.71	pCi/g	0.45	0.37	RL-7111
Neptunium-237	U	-0.0083	pCi/g	0.0167	0.0737	RL-7124
Plutonium-239/240	A	0.00965	pCi/g	0.0111	0.05	RL-7120
Radium-226		1.66	pCi/g	3.31	0.605	RL-7124
Technetium-99	U	0	pCi/g	0	4.37	RL-7116
Thorium-234		1.31	pCi/g	2.62	0.779	RL-7124
Uranium		2	pCi/g	3.06	0.624	RL-7124
Uranium-234		0.56	pCi/g	0.856	0.163	RL-7124
Uranium-235		0.716	wt %			AS7300

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Uranium-235		0.4	wt %	0.27		RL-7124
Uranium-238		1.41	pCi/g	0.632	0.402	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,2-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,3-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,4-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
2,4,5-Trichlorophenol	U	0.45	mg/kg		0.45	SW846-8270
2,4,6-Trichlorophenol	U	0.45	mg/kg		0.45	SW846-8270
2,4-Dichlorophenol	U	0.45	mg/kg		0.45	SW846-8270
2,4-Dimethylphenol	U	0.45	mg/kg		0.45	SW846-8270
2,4-Dinitrophenol	U	0.45	mg/kg		0.45	SW846-8270
2,4-Dinitrotoluene	U	0.45	mg/kg		0.45	SW846-8270
2,6-Dinitrotoluene	U	0.45	mg/kg		0.45	SW846-8270
2-Chloronaphthalene	U	0.45	mg/kg		0.45	SW846-8270
2-Chlorophenol	U	0.45	mg/kg		0.45	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.45	mg/kg		0.45	SW846-8270
2-Methylnaphthalene	U	0.45	mg/kg		0.45	SW846-8270
2-Methylphenol	U	0.45	mg/kg		0.45	SW846-8270
2-Nitrobenzenamine	U	0.45	mg/kg		0.45	SW846-8270
2-Nitrophenol	U	0.45	mg/kg		0.45	SW846-8270
3,3'-Dichlorobenzidine	U	0.45	mg/kg		0.45	SW846-8270
3-Nitrobenzenamine	U	0.45	mg/kg		0.45	SW846-8270
4-Bromophenyl phenyl ether	U	0.45	mg/kg		0.45	SW846-8270
4-Chloro-3-methylphenol	U	0.45	mg/kg		0.45	SW846-8270
4-Chlorobenzenamine	U	0.45	mg/kg		0.45	SW846-8270
4-Chlorophenyl phenyl ether	U	0.45	mg/kg		0.45	SW846-8270
4-Methylphenol	U	0.45	mg/kg		0.45	SW846-8270
4-Nitrobenzenamine	U	0.45	mg/kg		0.45	SW846-8270
4-Nitrophenol	U	0.45	mg/kg		0.45	SW846-8270
Acenaphthene	U	0.45	mg/kg		0.45	SW846-8270
Acenaphthylene	U	0.45	mg/kg		0.45	SW846-8270
Anthracene	U	0.45	mg/kg		0.45	SW846-8270
Benz(a)anthracene	U	0.45	mg/kg		0.45	SW846-8270
Benzo(a)pyrene	U	0.45	mg/kg		0.45	SW846-8270
Benzo(b)fluoranthene	U	0.45	mg/kg		0.45	SW846-8270
Benzo(ghi)perylene	U	0.45	mg/kg		0.45	SW846-8270
Benzo(k)fluoranthene	U	0.45	mg/kg		0.45	SW846-8270
Bis(2-chloroethoxy)methane	U	0.45	mg/kg		0.45	SW846-8270
Bis(2-chloroethyl) ether	U	0.45	mg/kg		0.45	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.45	mg/kg		0.45	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.45	mg/kg		0.45	SW846-8270
Butyl benzyl phthalate	U	0.45	mg/kg		0.45	SW846-8270
Carbazole	U	0.45	mg/kg		0.45	SW846-8270
Chrysene	U	0.45	mg/kg		0.45	SW846-8270
Dibenz(a,h)anthracene	U	0.45	mg/kg		0.45	SW846-8270
Dibenzofuran	U	0.45	mg/kg		0.45	SW846-8270
Diethyl phthalate	U	0.45	mg/kg		0.45	SW846-8270
Dimethyl phthalate	U	0.45	mg/kg		0.45	SW846-8270
Di-n-butyl phthalate	B	1.4	mg/kg		0.45	SW846-8270
Di-n-octylphthalate	U	0.45	mg/kg		0.45	SW846-8270
Fluoranthene	U	0.45	mg/kg		0.45	SW846-8270
Fluorene	U	0.45	mg/kg		0.45	SW846-8270
Hexachlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
Hexachlorobutadiene	U	0.45	mg/kg		0.45	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Hexachlorocyclopentadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachloroethane	U	0.45	mg/kg	0.45	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.45	mg/kg	0.45	SW846-8270
Isophorone	U	0.45	mg/kg	0.45	SW846-8270
Naphthalene	U	0.45	mg/kg	0.45	SW846-8270
Nitrobenzene	U	0.45	mg/kg	0.45	SW846-8270
N-Nitroso-di-n-propylamine	U	0.45	mg/kg	0.45	SW846-8270
N-Nitrosodiphenylamine	U	0.45	mg/kg	0.45	SW846-8270
Pentachlorophenol	U	0.45	mg/kg	0.45	SW846-8270
Phenanthrene	U	0.45	mg/kg	0.45	SW846-8270
Phenol	U	0.45	mg/kg	0.45	SW846-8270
Pyrene	U	0.45	mg/kg	0.45	SW846-8270
Pyridine	UY	0.45	mg/kg	0.45	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.0064	mg/kg	0.0064	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.0051	mg/kg	0.0013	OA33499026
Vinyl chloride	U	19	mg/kg	19	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

WETCHEM

005-021

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Cyanide	UX	1	mg/kg	1	SW846-9014
Moisture		21.1	%		ASTM-D2216-92

005-022

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005022SA014

Collected: 1/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9510	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		54.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		960	mg/kg		100	SW846-6010A
Chromium		13	mg/kg		2	SW846-6010A
Cobalt		3.14	mg/kg		2	SW846-6010A
Copper		6.65	mg/kg		2	SW846-6010A
Iron	*NW	8320	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1060	mg/kg		15	SW846-6010A
Manganese	*N	121	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.3	mg/kg		5	SW846-6010A
Potassium		307	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		206	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.1	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.87	pCi/g	0.69	1.17	RL-7111
Americium-241	U	-400	pCi/g	0.08	0.177	RL-7124
Beta activity		3.85	pCi/g	0.48	0.4	RL-7111
Neptunium-237	U	-0.0012	pCi/g	0.0024	0.0841	RL-7124
Plutonium-239/240	A	-0.0052	pCi/g	0.0108	0.0474	RL-7120
Radium-226	U	1.64	pCi/g	3.28	0.725	RL-7124
Technetium-99	U	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	1.73	pCi/g	3.46	0.986	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-butyl phthalate	B	1.5	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.0072	mg/kg		0.0072	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.22	mg/kg		0.22	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.22	mg/kg		0.22	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0014	mg/kg		0.0014	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	22	mg/kg		22	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

005-022

ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005022SA035

Collected: 1/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7980	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		33.9	mg/kg		1	SW846-6010A
Beryllium		0.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		892	mg/kg		100	SW846-6010A
Chromium		20.3	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		5.12	mg/kg		2	SW846-6010A
Iron	*NW	9600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		671	mg/kg		15	SW846-6010A
Manganese	*N	86.6	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.49	mg/kg		5	SW846-6010A
Potassium		203	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		27.8	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.17	pCi/g	0.83	1.17	RL-7111
Americium-241	U	-0.0911	pCi/g	0.182	0.142	RL-7124
Beta activity		3.7	pCi/g	0.47	0.4	RL-7111
Neptunium-237	U	0.0107	pCi/g	0.0214	0.0765	RL-7124
Plutonium-239/240	A	-0.0129	pCi/g	0.0107	0.0487	RL-7120
Radium-226	U	1.4	pCi/g	2.8	0.628	RL-7124
Technetium-99	U	0	pCi/g	0	4.24	RL-7116
Thorium-234	U	0.723	pCi/g	1.45	0.831	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.59	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	1.1	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	UX	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.0074	mg/kg		0.0074	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.22	mg/kg		0.22	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.22	mg/kg		0.22	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0015	mg/kg		0.0015	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	22	mg/kg		22	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005022SA047

Collected: 1/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	5880	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		18.3	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		640	mg/kg		100	SW846-6010A
Chromium		6.59	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		4.92	mg/kg		2	SW846-6010A
Iron	*NW	3820	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		394	mg/kg		15	SW846-6010A
Manganese	*N	12.9	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium		217	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		9.65	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.59	pCi/g	0.88	1.17	RL-7111
Americium-241	U	0.0243	pCi/g	0.0486	0.158	RL-7124
Beta activity		3.85	pCi/g	0.48	0.4	RL-7111
Neptunium-237	U	0.0122	pCi/g	0.0243	0.0794	RL-7124
Plutonium-239/240	A	-0.0133	pCi/g	0.0078	0.048	RL-7120
Radium-226		0.829	pCi/g	0.0736	0.363	RL-7124
Technetium-99	U	0	pCi/g	0	4.24	RL-7116
Thorium-234		1.56	pCi/g	3.12	0.896	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-butyl phthalate	UX	0.48	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.0057	mg/kg		0.0057	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0011	mg/kg		0.0011	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	17	mg/kg		17	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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ERI99-W3-5-2

WAG 3 - SWMU 5 - Phase II

005022SA059

Collected: 1/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	15600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		95	mg/kg		1	SW846-6010A
Beryllium		2.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1580	mg/kg		100	SW846-6010A
Chromium		28.4	mg/kg		2	SW846-6010A
Cobalt		4.52	mg/kg		2	SW846-6010A
Copper		11.8	mg/kg		2	SW846-6010A
Iron	*NW	29400	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1930	mg/kg		15	SW846-6010A
Manganese	*N	144	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		27	mg/kg		5	SW846-6010A
Potassium		1890	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		36.8	mg/kg		2	SW846-6010A
Zinc		78.6	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.45	pCi/g	0.96	1.17	RL-7111
Americium-241	U	-0.0481	pCi/g	0.0962	0.157	RL-7124
Beta activity		4.14	pCi/g	0.5	0.4	RL-7111
Neptunium-237	U	0.00147	pCi/g	0.0029	0.0797	RL-7124
Plutonium-239/240	A	0.00281	pCi/g	0.0153	0.0483	RL-7120
Radium-226	U	1.75	pCi/g	3.51	0.655	RL-7124
Technetium-99	U	0.279	pCi/g	0.752	4.24	RL-7116
Thorium-234	U	1.52	pCi/g	3.03	0.863	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.58	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-butyl phthalate	B	0.8	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Phenanthrene	U	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg		0.0012	OA33499026
Vinyl chloride	U	18	mg/kg		18	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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WAG 3 - SWMU 5 - Phase II

005022SA073

Collected: 1/5/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.59	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	4340	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium		37.8	mg/kg		1	SW846-6010A
Beryllium		0.57	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		416	mg/kg		100	SW846-6010A
Chromium		14.9	mg/kg		2	SW846-6010A
Cobalt		5.29	mg/kg		2	SW846-6010A
Copper		5.39	mg/kg		2	SW846-6010A
Iron	*NW	8720	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		412	mg/kg		15	SW846-6010A
Manganese	*N	149	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.1	mg/kg		5	SW846-6010A
Potassium		462	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.2	mg/kg		2	SW846-6010A
Zinc		25	mg/kg		20	SW846-6010A
PHYSC						
pH		7.25	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.19	pCi/g	0.84	1.17	RL-7111
Americium-241	U	0.00337	pCi/g	0.0067	0.116	RL-7124
Beta activity		3.25	pCi/g	0.44	0.4	RL-7111
Neptunium-237	U	0.0108	pCi/g	0.0216	0.0654	RL-7124
Plutonium-239/240	A	-0.0006	pCi/g	0.0121	0.0454	RL-7120
Radium-226	U	1.2	pCi/g	2.39	0.468	RL-7124
Technetium-99	U	0.598	pCi/g	3.56	4.24	RL-7116
Thorium-234	U	0.719	pCi/g	1.44	0.622	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 5 - Phase II

1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-butyl phthalate	B	1.2	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 5 - Phase II

Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.0063	mg/kg		0.0063	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg		0.19	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg		0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg		0.0013	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	19	mg/kg		19	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260

WETCHEM

Cyanide	UX	1	mg/kg		1	SW846-9014
Moisture		20.7	%			ASTM-D2216-92

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006-001

ERI99-W3-6

WAG 3 - SWMU 6

006001SA001

Collected: 9/25/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.59	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	9790	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		89.8	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		5150	mg/kg		50	SW846-6010A
Chromium		14.4	mg/kg		2	SW846-6010A
Cobalt		5.13	mg/kg		1	SW846-6010A
Copper		21.3	mg/kg		2	SW846-6010A
Iron	NW	15600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		1190	mg/kg		15	SW846-6010A
Manganese	*N	534	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		43.2	mg/kg		5	SW846-6010A
Potassium	N	578	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	231	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.8	mg/kg		2	SW846-6010A
Zinc		128	mg/kg		15	SW846-6010A
PHYSC						
pH		8.06	none			SW846-9045
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		18.55	pCi/g	2.48	1.6	RL-7111
Alpha activity		20.7	pCi/g	7.3	8.9	SW846-9310
Americium-241	A	5.2	pCi/g	0	5.2	DNT
Beta activity		15.21	pCi/g	1.22	1.61	RL-7111
Beta activity		19.5	pCi/g	5.5	8.2	SW846-9310
Cesium-137	A	3.2	pCi/g	0	3.2	DNT
Cobalt-60	A	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	A	150	pCi/g	0	150	DNT
Technetium-99	A	2.76	pCi/g	4.4	4.63	RL-7116
Thorium-234	A	21	pCi/g	0	21	DNT
Uranium-235	A	6.8	pCi/g	0	6.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

006-001

ERI99-W3-6

WAG 3 - SWMU 6

1,2-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	J	0.156 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	J	0.255 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	J	0.402 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene		0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	J	0.124 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene		0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	J	0.42 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	J	0.417 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene		0.636 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	J	0.138 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M

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006-001

ERI99-W3-6

WAG 3 - SWMU 6

N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	J	0.461 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene		0.663 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		8.1 %		ASTM-D2216-92
Total Organic Carbon (TOC)		11000 mg/kg	300	XP4-TS-OA7031

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006-002

ERI99-W3-6

WAG 3 - SWMU 6

006002SA001

Collected: 9/25/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.6	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	10200	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		93.2	mg/kg		1	SW846-6010A
Beryllium		0.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2580	mg/kg		50	SW846-6010A
Chromium		13.5	mg/kg		2	SW846-6010A
Cobalt		6.85	mg/kg		1	SW846-6010A
Copper		8.68	mg/kg		2	SW846-6010A
Iron	NW	13000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		941	mg/kg		15	SW846-6010A
Manganese	*N	664	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.7	mg/kg		5	SW846-6010A
Potassium	N	561	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	232	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23	mg/kg		2	SW846-6010A
Zinc		47.2	mg/kg		15	SW846-6010A
PHYSC						
pH		7.9	none			SW846-9045
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		18.3	pCi/g	6.6	8.1	SW846-9310
Americium-241	A	6.8	pCi/g	0	6.8	DNT
Beta activity		23	pCi/g	3.8	4.8	SW846-9310
Cesium-137	A	2.2	pCi/g	0	2.2	DNT

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ERI99-W3-6

WAG 3 - SWMU 6

Cobalt-60	A	0.99	pCi/g	0	0.99	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	2.64	pCi/g	3.63	4.63	RL-7116
Thorium-234	A	21	pCi/g	0	21	DNT
Uranium-235	A	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M

006-002

ERI99-W3-6

WAG 3 - SWMU 6

Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		7.6 %		ASTM-D2216-92
Total Organic Carbon (TOC)		6100 mg/kg	300	XP4-TS-OA7031

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006-003

ERI99-W3-6

WAG 3 - SWMU 6

006003SA001

Collected: 9/25/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.6	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	6070	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		79.7	mg/kg		1	SW846-6010A
Beryllium		0.54	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	33900	mg/kg		500	SW846-6010A
Chromium		9.39	mg/kg		2	SW846-6010A
Cobalt		5.32	mg/kg		1	SW846-6010A
Copper		8.84	mg/kg		2	SW846-6010A
Iron	NW	15600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium		2650	mg/kg		15	SW846-6010A
Manganese	*N	442	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.4	mg/kg		5	SW846-6010A
Potassium	N	347	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	207	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.6	mg/kg		2	SW846-6010A
Zinc		63.7	mg/kg		15	SW846-6010A
PHYSC						
pH		8.44	none			SW846-9045
PCCB						
PCB-1016	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		15.2	pCi/g	7.9	12	SW846-9310
Americium-241	A	5.7	pCi/g	0	5.7	DNT
Beta activity		37.8	pCi/g	5.5	6.8	SW846-9310
Cesium-137	A	2	pCi/g	0	2	DNT
Cobalt-60	A	0.92	pCi/g	0	0.92	DNT
Protactinium-234m	A	120	pCi/g	0	120	DNT
Technetium-99		13.9	pCi/g	4.28	4.63	RL-7116
Thorium-234	A	14	pCi/g	0	14	DNT
Uranium-235	A	1.8	pCi/g	0	1.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

006-003

ERI99-W3-6

WAG 3 - SWMU 6

1,2-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	J	0.118	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	J	0.277	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	J	0.284	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	J	0.117	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	J	0.45	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	UX	0.46	mg/kg	0.46	SW846-8270
Chrysene	J	0.217	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	B	0.76	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	J	0.249	mg/kg	0.5	SW846-8270 M
Fluoranthene	UX	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.159	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270

006-003**ERI99-W3-6****WAG 3 - SWMU 6**

Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.46 mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46 mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.46 mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.46 mg/kg	0.46	SW846-8270
Phenol	U	0.46 mg/kg	0.46	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	J	0.269 mg/kg	0.5	SW846-8270 M
Pyrene	UX	0.46 mg/kg	0.46	SW846-8270
Pyridine	U	0.46 mg/kg	0.46	SW846-8270
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		6.2 %		ASTM-D2216-92
Total Organic Carbon (TOC)		11000 mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

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12/18/2007

006-004

ERI99-W3-6

WAG 3 - SWMU 6

006004SA001

Collected: 9/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11200	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNUW	5	mg/kg		5	SW846-7060
Barium		99.2	mg/kg		1	SW846-6010A
Beryllium		0.57	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	17600	mg/kg		50	SW846-6010A
Chromium		13.5	mg/kg		2	SW846-6010A
Cobalt		5.34	mg/kg		1	SW846-6010A
Copper		9.92	mg/kg		2	SW846-6010A
Iron	*BNW	13900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	1750	mg/kg		15	SW846-6010A
Manganese	*N	382	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.3	mg/kg		5	SW846-6010A
Potassium	N	662	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	228	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium		21.2	mg/kg		2	SW846-6010A
Zinc		51.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		17	pCi/g	7.2	9.8	SW846-9310
Americium-241	A	2	pCi/g	0	2	DNT
Beta activity		24	pCi/g	4.5	5.9	SW846-9310
Cesium-137	A	0.71	pCi/g	0	0.71	DNT
Cobalt-60	A	0.97	pCi/g	0	0.97	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	2.32	pCi/g	30.9	5.77	RL-7116
Thorium-234	A	10	pCi/g	0	10	DNT
Uranium-235	A	1.9	pCi/g	0	1.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270
1,4-Dichlorobenzene	JU	0.49	mg/kg		0.49	SW846-8270

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WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	JU	0.49	mg/kg	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	JU	0.49	mg/kg	0.49	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	JU	0.49	mg/kg	0.49	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	JU	0.49	mg/kg	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	JUY	0.49	mg/kg	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	JU	0.49	mg/kg	0.49	SW846-8270
2-Chloronaphthalene	JU	0.49	mg/kg	0.49	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	JU	0.49	mg/kg	0.49	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	JU	0.49	mg/kg	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	JU	0.49	mg/kg	0.49	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	JU	0.49	mg/kg	0.49	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	JU	0.49	mg/kg	0.49	SW846-8270
2-Nitrophenol	JU	0.49	mg/kg	0.49	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	JU	0.49	mg/kg	0.49	SW846-8270
4-Bromophenyl phenyl ether	JU	0.49	mg/kg	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	JU	0.49	mg/kg	0.49	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	JU	0.49	mg/kg	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	JU	0.49	mg/kg	0.49	SW846-8270
4-Methylphenol	JU	0.49	mg/kg	0.49	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	JU	0.49	mg/kg	0.49	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	JU	0.49	mg/kg	0.49	SW846-8270
Acenaphthene	JU	0.49	mg/kg	0.49	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	JU	0.49	mg/kg	0.49	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	JU	0.49	mg/kg	0.49	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	JU	0.49	mg/kg	0.49	SW846-8270
Benzo(a)pyrene	JU	0.49	mg/kg	0.49	SW846-8270

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WAG 3 - SWMU 6

Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	JU	0.49 mg/kg	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	JU	0.49 mg/kg	0.49	SW846-8270
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	JU	0.49 mg/kg	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	JU	0.49 mg/kg	0.49	SW846-8270
Bis(2-chloroethyl) ether	JU	0.49 mg/kg	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	JU	0.49 mg/kg	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	JU	0.49 mg/kg	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	JU	0.49 mg/kg	0.49	SW846-8270
Carbazole	JU	0.49 mg/kg	0.49	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	JU	0.49 mg/kg	0.49	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	JU	0.49 mg/kg	0.49	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	JU	0.49 mg/kg	0.49	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	JU	0.49 mg/kg	0.49	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	JU	0.49 mg/kg	0.49	SW846-8270
Di-n-butyl phthalate	BJ	1.7 mg/kg	0.49	SW846-8270
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	JU	0.49 mg/kg	0.49	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	JUX	0.49 mg/kg	0.49	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	JU	0.49 mg/kg	0.49	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	JU	0.49 mg/kg	0.49	SW846-8270
Hexachlorobutadiene	JU	0.49 mg/kg	0.49	SW846-8270
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	JU	0.49 mg/kg	0.49	SW846-8270
Hexachloroethane	JU	0.49 mg/kg	0.49	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	JU	0.49 mg/kg	0.49	SW846-8270
Isophorone	JU	0.49 mg/kg	0.49	SW846-8270
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	JU	0.49 mg/kg	0.49	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	JU	0.49 mg/kg	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	JU	0.49 mg/kg	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

006-004**ERI99-W3-6****WAG 3 - SWMU 6**

N-Nitrosodiphenylamine	JU	0.49 mg/kg	0.49	SW846-8270
Pentachlorophenol	JU	0.49 mg/kg	0.49	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	JU	0.49 mg/kg	0.49	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	JU	0.49 mg/kg	0.49	SW846-8270
Pyrene	JU	0.49 mg/kg	0.49	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	JU	0.49 mg/kg	0.49	SW846-8270
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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006-008

ERI99-W3-6

WAG 3 - SWMU 6

006008SA001

Collected: 9/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7980	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	BNW	5.13	mg/kg		5	SW846-7060
Barium		83.5	mg/kg		1	SW846-6010A
Beryllium		0.56	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	80900	mg/kg		500	SW846-6010A
Chromium		10.2	mg/kg		2	SW846-6010A
Cobalt		5.38	mg/kg		1	SW846-6010A
Copper		9.18	mg/kg		2	SW846-6010A
Iron	*BNW	12000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	BN	1810	mg/kg		15	SW846-6010A
Manganese	*N	394	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.58	mg/kg		5	SW846-6010A
Potassium	N	583	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	234	mg/kg		200	SW846-6010A
Thallium	ENU	15	mg/kg		15	SW846-6010A
Vanadium		18.5	mg/kg		2	SW846-6010A
Zinc		57.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		18.6	pCi/g	6.6	7.8	SW846-9310
Americium-241	A	2.1	pCi/g	0	2.1	DNT
Beta activity		23.9	pCi/g	4.5	5.9	SW846-9310
Cesium-137	A	0.74	pCi/g	0	0.74	DNT
Cobalt-60	A	1	pCi/g	0	1	DNT
Protactinium-234m	A	130	pCi/g	0	130	DNT
Technetium-99	A	5.76	pCi/g	4.34	5.77	RL-7116
Thorium-234	A	16	pCi/g	0	16	DNT

006-008

ERI99-W3-6

WAG 3 - SWMU 6

Uranium-235	A	1.9	pCi/g	0	1.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M

006-008**ERI99-W3-6****WAG 3 - SWMU 6**

Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

Paducah-OREIS Data Report

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006-016

ERI99-W3-6

WAG 3 - SWMU 6

006016SA001

Collected: 7/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9260	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	86.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		64700	mg/kg		500	SW846-6010A
Chromium		10	mg/kg		2	SW846-6010A
Cobalt		4.22	mg/kg		1	SW846-6010A
Copper		7.97	mg/kg		2	SW846-6010A
Iron	NW	11600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	3050	mg/kg		15	SW846-6010A
Manganese	N	318	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.53	mg/kg		5	SW846-6010A
Potassium	NW	750	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	EU	15	mg/kg		15	SW846-6010A
Vanadium	N	19.5	mg/kg		2	SW846-6010A
Zinc		53.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		11.8	pCi/g	5.6	7.3	SW846-9310
Americium-241	U	5.1	pCi/g	0	5.1	DNT
Beta activity		20.6	pCi/g	4	5.4	SW846-9310
Cesium-137	U	0.83	pCi/g	0	0.83	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99		18.8	pCi/g	3.6	3.77	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT

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ERI99-W3-6

WAG 3 - SWMU 6

Uranium-235	U	7.6	pCi/g	0	7.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.447 mg/kg	0.447	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.447 mg/kg	0.447	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.447 mg/kg	0.447	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.447 mg/kg	0.447	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.447 mg/kg	0.447	SW846-8021 M
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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006-016

ERI99-W3-6

WAG 3 - SWMU 6

006016SA013

Collected: 7/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7430	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	75.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	1180	mg/kg		50	SW846-6010A
Chromium		12.2	mg/kg		2	SW846-6010A
Cobalt		2.87	mg/kg		1	SW846-6010A
Copper		5.49	mg/kg		2	SW846-6010A
Iron	NW	10500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1210	mg/kg		15	SW846-6010A
Manganese	N	106	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.35	mg/kg		5	SW846-6010A
Potassium	NW	305	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	259	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	22.5	mg/kg		2	SW846-6010A
Zinc		27.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082 M
RADS						
Alpha activity		13.8	pCi/g	5.7	6.9	SW846-9310
Americium-241	U	5.7	pCi/g	0	5.7	DNT
Beta activity		19.4	pCi/g	4	5.3	SW846-9310
Cesium-137	U	0.93	pCi/g	0	0.93	DNT
Cobalt-60	U	4.9	pCi/g	0	4.9	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.823	pCi/g	3.07	3.77	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	6	pCi/g	0	6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	UY	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 6

Benzo(a)pyrene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.48 mg/kg	0.48	SW846-8270
Carbazole	U	0.48 mg/kg	0.48	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.48 mg/kg	0.48	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.48 mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48 mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.48 mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.48 mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	1.7 mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.48 mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.48 mg/kg	0.48	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.48 mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48 mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.48 mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.48 mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48 mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.48 mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.48 mg/kg	0.48	SW846-8270
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.48 mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48 mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.48 mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.48 mg/kg	0.48	SW846-8270

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WAG 3 - SWMU 6

N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	UXY	0.48 mg/kg	0.48	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.337 mg/kg	0.337	SW846-8021 M
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.337 mg/kg	0.337	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.337 mg/kg	0.337	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.337 mg/kg	0.337	SW846-8021 M
Vinyl chloride	U	0.337 mg/kg	0.337	SW846-8021 M
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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Paducah-OREIS Data Report

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12/18/2007

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ERI99-W3-6

WAG 3 - SWMU 6

006016SA023

Collected: 7/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	3630	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.5	mg/kg		5	SW846-7060
Barium	N	17.3	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	423	mg/kg		50	SW846-6010A
Chromium		43.2	mg/kg		2	SW846-6010A
Cobalt		2.86	mg/kg		1	SW846-6010A
Copper		4.43	mg/kg		2	SW846-6010A
Iron	*N	24800	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	210	mg/kg		15	SW846-6010A
Manganese	N	167	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.38	mg/kg		5	SW846-6010A
Potassium	NUW	100	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	46.6	mg/kg		2	SW846-6010A
Zinc		16.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1221	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1232	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1242	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1248	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1254	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1260	U	0.099	mg/kg		0.099	SW846-8082 M
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.018 mg/kg	0.018	OA33499026
1,1-Dichloroethene	U	0.617 mg/kg	0.617	SW846-8021 M
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260

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ERI99-W3-6

WAG 3 - SWMU 6

1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18 mg/kg	0.18	OA33499026
cis-1,2-Dichloroethene	U	0.617 mg/kg	0.617	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18 mg/kg	0.18	OA33499026
trans-1,2-Dichloroethene	U	0.617 mg/kg	0.617	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.617 mg/kg	0.617	SW846-8021 M
Trichloroethene	U	0.0018 mg/kg	0.0018	OA33499026
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.617 mg/kg	0.617	SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006016SA038

Collected: 7/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	3600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	10.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	362	mg/kg		50	SW846-6010A
Chromium		3.38	mg/kg		2	SW846-6010A
Cobalt		2.13	mg/kg		1	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	NW	3720	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	188	mg/kg		15	SW846-6010A
Manganese	N	39.7	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	NW	127	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	10.7	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1221	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1232	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1242	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1248	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1254	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1260	U	0.096	mg/kg		0.096	SW846-8082 M
RADS						
Alpha activity		17.3	pCi/g	6.2	7.1	SW846-9310
Americium-241	U	4.5	pCi/g	0	4.5	DNT
Beta activity		11.7	pCi/g	3.8	5.6	SW846-9310
Cesium-137	U	0.74	pCi/g	0	0.74	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	480	pCi/g	0	480	DNT
Thorium-234	U	10	pCi/g	0	10	DNT
Uranium-235	U	2	pCi/g	0	2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

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ERI99-W3-6

WAG 3 - SWMU 6

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.357 mg/kg	0.357	SW846-8021 M
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.357 mg/kg	0.357	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.357 mg/kg	0.357	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.357 mg/kg	0.357	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.357 mg/kg	0.357	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006017SA013

Collected: 7/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8620	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	76.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	14100	mg/kg		50	SW846-6010A
Chromium		12	mg/kg		2	SW846-6010A
Cobalt		4.14	mg/kg		1	SW846-6010A
Copper		4.97	mg/kg		2	SW846-6010A
Iron	NW	9280	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1280	mg/kg		15	SW846-6010A
Manganese	N	207	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.61	mg/kg		5	SW846-6010A
Potassium	NW	374	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	W	250	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	19.1	mg/kg		2	SW846-6010A
Zinc		34.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1221	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1232	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1242	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1248	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1254	U	0.099	mg/kg		0.099	SW846-8082 M
PCB-1260	U	0.099	mg/kg		0.099	SW846-8082 M
RADS						
Alpha activity		10.4	pCi/g	5.2	6.7	SW846-9310
Americium-241	U	5.2	pCi/g	0	5.2	DNT
Beta activity		21	pCi/g	4.2	5.5	SW846-9310
Cesium-137	U	2.6	pCi/g	0	2.6	DNT
Cobalt-60	U	4.5	pCi/g	0	4.5	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Thorium-234	U	12	pCi/g	0	12	DNT
Uranium-235	U	8.7	pCi/g	0	8.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

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ERI99-W3-6

WAG 3 - SWMU 6

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.393 mg/kg	0.393	SW846-8021 M
Vinyl chloride	U	0.393 mg/kg	0.393	SW846-8021 M
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006017SA023

Collected: 7/12/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5080	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	20.7	mg/kg		1	SW846-6010A
Beryllium		1.51	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*W	284	mg/kg		50	SW846-6010A
Chromium		46.8	mg/kg		2	SW846-6010A
Cobalt		7.53	mg/kg		1	SW846-6010A
Copper		3.01	mg/kg		2	SW846-6010A
Iron	*N	58700	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	196	mg/kg		15	SW846-6010A
Manganese	N	191	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	NUW	100	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	UW	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	N	79.1	mg/kg		2	SW846-6010A
Zinc		21.1	mg/kg		15	SW846-6010A
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.016 mg/kg	0.016	OA33499026
1,1-Dichloroethene	U	0.274 mg/kg	0.274	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260

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WAG 3 - SWMU 6

Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.274 mg/kg	0.274	SW846-8021 M
cis-1,2-Dichloroethene	U	0.16 mg/kg	0.16	OA33499026
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16 mg/kg	0.16	OA33499026
trans-1,2-Dichloroethene	U	0.274 mg/kg	0.274	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0016 mg/kg	0.0016	OA33499026
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.274 mg/kg	0.274	SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026
Vinyl chloride	U	0.274 mg/kg	0.274	SW846-8021 M
Vinyl chloride	UY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006017SA001

Collected: 7/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	78.6	mg/kg		1	SW846-6010A
Beryllium		0.73	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	45000	mg/kg		500	SW846-6010A
Chromium		11.6	mg/kg		2	SW846-6010A
Cobalt		4.93	mg/kg		1	SW846-6010A
Copper		10.3	mg/kg		2	SW846-6010A
Iron	*NW	19600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	3010	mg/kg		15	SW846-6010A
Manganese	N	343	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	821	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		202	mg/kg		200	SW846-6010A
Thallium	EU	15	mg/kg		15	SW846-6010A
Vanadium		24.2	mg/kg		2	SW846-6010A
Zinc		51.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		18.1	pCi/g	7	8.4	SW846-9310
Americium-241	U	4.3	pCi/g	0	4.3	DNT
Beta activity		24.4	pCi/g	5.1	6.8	SW846-9310
Cesium-137	U	0.7	pCi/g	0	0.7	DNT
Cobalt-60	U	0.96	pCi/g	0	0.96	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Technetium-99		6.47	pCi/g	2.93	3.77	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	4.5	pCi/g	0	4.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 6

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
Trichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.382 mg/kg	0.382	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006018SA001

Collected: 7/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7500	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	78.7	mg/kg		1	SW846-6010A
Beryllium		0.51	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	106000	mg/kg		500	SW846-6010A
Chromium		8.63	mg/kg		2	SW846-6010A
Cobalt		5.13	mg/kg		1	SW846-6010A
Copper		8.29	mg/kg		2	SW846-6010A
Iron	*NW	11200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	4410	mg/kg		15	SW846-6010A
Manganese	N	448	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	713	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	EU	15	mg/kg		15	SW846-6010A
Vanadium		15.7	mg/kg		2	SW846-6010A
Zinc		52.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity		17.1	pCi/g	6.6	7.7	SW846-9310
Americium-241	U	5.6	pCi/g	0	5.6	DNT
Beta activity		24.5	pCi/g	5.6	7.8	SW846-9310
Cesium-137	U	0.65	pCi/g	0	0.65	DNT
Cobalt-60	U	0.89	pCi/g	0	0.89	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	2.86	pCi/g	3.39	3.77	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	UY	0.47 mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.47 mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47 mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.47 mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.47 mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.47 mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.47 mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.47 mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.47 mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47 mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.47 mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.47 mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.47 mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47 mg/kg	0.47	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.47 mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.47 mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47 mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 6

Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	B	1	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 6

N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	UY	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.336	mg/kg	0.336	SW846-8021 M
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.336	mg/kg	0.336	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.336	mg/kg	0.336	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.336	mg/kg	0.336	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.336	mg/kg	0.336	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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Paducah-OREIS Data Report

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12/18/2007

006-018

ERI99-W3-6

WAG 3 - SWMU 6

006018SA013

Collected: 7/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7150	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	66.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	867	mg/kg		50	SW846-6010A
Chromium		9.41	mg/kg		2	SW846-6010A
Cobalt		7.68	mg/kg		1	SW846-6010A
Copper		4.02	mg/kg		2	SW846-6010A
Iron	*NW	8360	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	836	mg/kg		15	SW846-6010A
Manganese	N	406	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	207	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		365	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.9	mg/kg		2	SW846-6010A
Zinc		16.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		12.9	pCi/g	6.2	8.2	SW846-9310
Americium-241	U	5.3	pCi/g	0	5.3	DNT
Beta activity		20.4	pCi/g	4.6	6.4	SW846-9310
Cesium-137	U	0.71	pCi/g	0	0.71	DNT
Cobalt-60	U	0.97	pCi/g	0	0.97	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Technetium-99	A	2.1	pCi/g	2.64	3.77	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	1.9	pCi/g	0	1.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 6

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
Vinyl chloride	U	0.395	mg/kg	0.395	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006018SA023

Collected: 7/13/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5420	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	37.8	mg/kg		1	SW846-6010A
Beryllium		1.17	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	551	mg/kg		50	SW846-6010A
Chromium		55.9	mg/kg		2	SW846-6010A
Cobalt		8.47	mg/kg		1	SW846-6010A
Copper		3.96	mg/kg		2	SW846-6010A
Iron	*NW	33700	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	344	mg/kg		15	SW846-6010A
Manganese	N	333	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	144	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		314	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		64.7	mg/kg		2	SW846-6010A
Zinc		24.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1221	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1232	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1242	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1248	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1254	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1260	U	0.096	mg/kg		0.096	SW846-8082 M
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.286	mg/kg	0.286	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260

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WAG 3 - SWMU 6

2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.286 mg/kg	0.286	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.286 mg/kg	0.286	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.286 mg/kg	0.286	SW846-8021 M
Vinyl chloride	U	0.286 mg/kg	0.286	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006018SD013

Collected: 7/13/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	74.2	mg/kg		1	SW846-6010A
Beryllium		1.32	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1070	mg/kg		50	SW846-6010A
Chromium		20.5	mg/kg		2	SW846-6010A
Cobalt		10.8	mg/kg		1	SW846-6010A
Copper		7.81	mg/kg		2	SW846-6010A
Iron	*NW	35300	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1040	mg/kg		15	SW846-6010A
Manganese	N	411	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	308	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		420	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		52.7	mg/kg		2	SW846-6010A
Zinc		36.7	mg/kg		15	SW846-6010A
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.418 mg/kg	0.418	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260

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WAG 3 - SWMU 6

Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.418	mg/kg	0.418	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.418	mg/kg	0.418	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.418	mg/kg	0.418	SW846-8021 M
Vinyl chloride	U	0.418	mg/kg	0.418	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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WAG 3 - SWMU 6

006019SA014

Collected: 1/30/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	UW	5	mg/kg		5	SW846-7060
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
VOA						
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
cis-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
trans-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	15	mg/kg		15	OA33499026

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WAG 3 - SWMU 6

006019SA014

Collected: 1/31/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9010	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Barium		119	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	980	mg/kg		100	SW846-6010A
Chromium		11.3	mg/kg		2	SW846-6010A
Cobalt	N	17.9	mg/kg		2	SW846-6010A
Copper		8.05	mg/kg		2	SW846-6010A
Iron	NW	10800	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1320	mg/kg		15	SW846-6010A
Manganese	N	1550	mg/kg		10	SW846-6010A
Nickel		11.2	mg/kg		5	SW846-6010A
Potassium	N	424	mg/kg		100	SW846-6010A
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		382	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	19.8	mg/kg		2	SW846-6010A
Zinc		36	mg/kg		20	SW846-6010A
RADS						
Alpha activity		4.75	pCi/g	0.8	0.96	RL-7111
Americium-241	UX	0.0443	pCi/g	0.0886	0.143	RL-7124
Beta activity		4.2	pCi/g	0.46	0.34	RL-7111
Neptunium-237	U	-0.0079	pCi/g	0.0159	0.0698	RL-7124
Plutonium-239/240	A	-0.0137	pCi/g	0.0091	0.374	RL-7120
Radium-226	U	1.49	pCi/g	2.97	0.58	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.38	pCi/g	2.76	0.751	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg		0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg		0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg		0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg		0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg		0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg		0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg		0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg		0.46	SW846-8270

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WAG 3 - SWMU 6

3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260

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WAG 3 - SWMU 6

2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	UX	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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WAG 3 - SWMU 6

006019SA035

Collected: 1/31/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		4.09	pCi/g	0.75	0.96	RL-7111
Americium-241	UX	0.00216	pCi/g	0.0043	0.162	RL-7124
Beta activity		3.18	pCi/g	0.4	0.34	RL-7111
Neptunium-237	U	-0.0006	pCi/g	0.0012	0.0803	RL-7124
Plutonium-239/240	A	-0.0048	pCi/g	0.0122	0.374	RL-7120
Radium-226		0.741	pCi/g	0.068	0.353	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.26	pCi/g	2.53	0.872	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	14	mg/kg		14	OA33499026

*QUALIFIER Codes See attached List.

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ERI99-W3-6

WAG 3 - SWMU 6

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WAG 3 - SWMU 6

006019SA047

Collected: 2/1/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10700	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		25.1	mg/kg		1	SW846-6010A
Beryllium		0.81	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	933	mg/kg		100	SW846-6010A
Chromium		12.2	mg/kg		2	SW846-6010A
Cobalt	N	2.2	mg/kg		2	SW846-6010A
Copper		4.85	mg/kg		2	SW846-6010A
Iron	NW	18200	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	467	mg/kg		15	SW846-6010A
Manganese	N	80.1	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	328	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		342	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	33	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		6.18	pCi/g	0.92	0.96	RL-7111
Americium-241	UX	-0.0057	pCi/g	0.0114	0.145	RL-7124
Beta activity		3.94	pCi/g	0.45	0.34	RL-7111
Neptunium-237	U	-0.0173	pCi/g	0.0346	0.0712	RL-7124
Plutonium-239/240	A	-0.0089	pCi/g	0.0094	0.373	RL-7120
Radium-226	U	1.5	pCi/g	3	0.586	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.34	pCi/g	2.68	0.796	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate		0.86	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	UX	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	UX	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg	0.16	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0011	mg/kg	0.0011	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	16	mg/kg	16	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006019SA059

Collected: 2/1/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	17300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		153	mg/kg		1	SW846-6010A
Beryllium		1.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1820	mg/kg		100	SW846-6010A
Chromium		19.2	mg/kg		2	SW846-6010A
Cobalt	N	25	mg/kg		2	SW846-6010A
Copper		9.94	mg/kg		2	SW846-6010A
Iron	NW	20800	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1670	mg/kg		15	SW846-6010A
Manganese	N	433	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		15.1	mg/kg		5	SW846-6010A
Potassium	N	1330	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		298	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	23.1	mg/kg		2	SW846-6010A
Zinc		65	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.11	pCi/g	0.75	0.96	RL-7111
Americium-241	UX	0.104	pCi/g	0.207	0.184	RL-7124
Beta activity		2.92	pCi/g	0.39	0.34	RL-7111
Neptunium-237	U	0.0304	pCi/g	0.0609	0.097	RL-7124
Plutonium-239/240	A	-0.0135	pCi/g	0.0089	0.373	RL-7120
Radium-226		0.907	pCi/g	0.0823	0.443	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.83	pCi/g	3.67	1.02	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.008	mg/kg	0.008	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.24	mg/kg	0.24	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	UX	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.24	mg/kg	0.24	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0016	mg/kg	0.0016	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	24	mg/kg	24	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006019SA073

Collected: 2/1/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		4.11	pCi/g	0.75	0.96	RL-7111
Americium-241	UX	0.0693	pCi/g	0.139	0.124	RL-7124
Beta activity		2.92	pCi/g	0.39	0.34	RL-7111
Neptunium-237	U	0.0151	pCi/g	0.0302	0.0577	RL-7124
Plutonium-239/240	A	-0.0164	pCi/g	0.0086	0.377	RL-7120
Radium-226		0.696	pCi/g	0.0549	0.267	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	0.615	pCi/g	1.23	0.584	RL-7124
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.009	mg/kg		0.009	OA33499026
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	BJ	0.039	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.25	mg/kg		0.25	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.25	mg/kg		0.25	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0017	mg/kg		0.0017	OA33499026
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	25	mg/kg		25	OA33499026
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260

*QUALIFIER Codes See attached List.

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ERI99-W3-6

WAG 3 - SWMU 6

006019SA085

Collected: 2/1/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		2.4	pCi/g	0.57	0.96	RL-7111
Beta activity		1.65	pCi/g	0.29	0.34	RL-7111
Technetium-99	U	0.807	pCi/g	5.9	2.77	RL-7116
VOA						
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
cis-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
trans-1,2-Dichloroethene	U	0.18	mg/kg		0.18	OA33499026
Trichloroethene	U	0.0012	mg/kg		0.0012	OA33499026
Vinyl chloride	U	18	mg/kg		18	OA33499026

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006-020

ERI99-W3-6

WAG 3 - SWMU 6

006020SA014

Collected: 1/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9900	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		84.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	4940	mg/kg		100	SW846-6010A
Chromium		13	mg/kg		2	SW846-6010A
Cobalt	N	4.16	mg/kg		2	SW846-6010A
Copper		7.13	mg/kg		2	SW846-6010A
Iron	NW	10700	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1460	mg/kg		15	SW846-6010A
Manganese	N	230	mg/kg		10	SW846-6010A
Mercury	UX	0.2	mg/kg		0.2	SW846-7471
Nickel		7.23	mg/kg		5	SW846-6010A
Potassium	N	514	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		394	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	22.6	mg/kg		2	SW846-6010A
Zinc		40.7	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		1.63	pCi/g	0.46	0.98	RL-7111
Americium-241	UX	0.00727	pCi/g	0.0145	0.117	RL-7124
Beta activity		3.35	pCi/g	0.43	0.38	RL-7111
Neptunium-237	U	0.016	pCi/g	0.032	0.0648	RL-7124
Plutonium-239/240	A	-0.0093	pCi/g	0.0122	0.373	RL-7120
Radium-226	U	1.56	pCi/g	3.12	0.528	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.42	pCi/g	2.85	0.646	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	UX	0.48	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Phenanthrene	U	0.48	mg/kg	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0.48	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	J	0.011	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0011	mg/kg	0.0011	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	17	mg/kg	17	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006020SA035

Collected: 1/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	5560	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		28.2	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	592	mg/kg		100	SW846-6010A
Chromium		19.5	mg/kg		2	SW846-6010A
Cobalt	N	4.5	mg/kg		2	SW846-6010A
Copper		3.92	mg/kg		2	SW846-6010A
Iron	NW	7520	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	409	mg/kg		15	SW846-6010A
Manganese	N	184	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	196	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		331	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	17.8	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.31	pCi/g	0.55	0.98	RL-7111
Americium-241	UX	0.0123	pCi/g	0.0246	0.143	RL-7124
Beta activity		4.19	pCi/g	0.48	0.38	RL-7111
Neptunium-237	U	-0.0213	pCi/g	0.0427	0.0689	RL-7124
Plutonium-239/240	A	-0.0092	pCi/g	0.0107	0.372	RL-7120
Radium-226		0.71	pCi/g	0.0644	0.335	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.32	pCi/g	2.64	0.807	RL-7124
Uranium	U	2.76	pCi/g	4.04	0.768	RL-7124
Uranium-234	U	1.28	pCi/g	1.87	0.345	RL-7124
Uranium-235		0.7	wt %	0.48		RL-7124
Uranium-238	U	1.42	pCi/g	0.608	0.379	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260

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WAG 3 - SWMU 6

1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg	0.007	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg	0.0013	OA33499026
Vinyl chloride	U	19	mg/kg	19	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3-6

WAG 3 - SWMU 6

006020SA047

Collected: 1/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	BUW	5	mg/kg		5	SW846-7060
Barium		27.2	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	970	mg/kg		100	SW846-6010A
Chromium		13	mg/kg		2	SW846-6010A
Cobalt	N	2.34	mg/kg		2	SW846-6010A
Copper		5.27	mg/kg		2	SW846-6010A
Iron	NW	16200	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	532	mg/kg		15	SW846-6010A
Manganese	N	74	mg/kg		10	SW846-6010A
Mercury	UX	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	384	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		345	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	29.2	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.77	pCi/g	0.81	0.98	RL-7111
Americium-241	U	-0.001	pCi/g	0.0019	0.126	RL-7124
Beta activity		5.3	pCi/g	0.54	0.38	RL-7111
Neptunium-237	U	-0.0152	pCi/g	0.0305	0.0601	RL-7124
Plutonium-239/240	A	-0.0037	pCi/g	0.012	0.373	RL-7120
Radium-226	U	1.42	pCi/g	2.84	0.505	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.24	pCi/g	2.47	0.648	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg	0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	17	mg/kg	17	OA33499026
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006020SA059

Collected: 1/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	22500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		114	mg/kg		1	SW846-6010A
Beryllium		1.93	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2150	mg/kg		100	SW846-6010A
Chromium		21.3	mg/kg		2	SW846-6010A
Cobalt	N	156	mg/kg		2	SW846-6010A
Copper		10.8	mg/kg		2	SW846-6010A
Iron	NW	26700	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1710	mg/kg		15	SW846-6010A
Manganese	N	602	mg/kg		10	SW846-6010A
Mercury	UX	0.2	mg/kg		0.2	SW846-7471
Nickel		12.6	mg/kg		5	SW846-6010A
Potassium	N	1290	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		308	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	42.8	mg/kg		2	SW846-6010A
Zinc		68.6	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.25	pCi/g	0.54	0.98	RL-7111
Americium-241	U	-0.0333	pCi/g	0.0667	0.142	RL-7124
Beta activity		5.3	pCi/g	0.54	0.38	RL-7111
Neptunium-237	U	-0.0296	pCi/g	0.0591	0.0663	RL-7124
Plutonium-239/240	A	-0.0064	pCi/g	0.0149	0.373	RL-7120
Radium-226	U	1.95	pCi/g	3.9	0.605	RL-7124
Technetium-99	U	0.343	pCi/g	0.837	2.88	RL-7116
Thorium-234	U	1.92	pCi/g	3.84	0.799	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg		0.46	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg	0.007	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	U	19	mg/kg	19	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006020SA073

Collected: 1/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		2.61	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	11300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	BUW	5	mg/kg		5	SW846-7060
Barium		59.1	mg/kg		1	SW846-6010A
Beryllium		1.66	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1400	mg/kg		100	SW846-6010A
Chromium		18.1	mg/kg		2	SW846-6010A
Cobalt	N	5.26	mg/kg		2	SW846-6010A
Copper		7.57	mg/kg		2	SW846-6010A
Iron	NW	22200	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1160	mg/kg		15	SW846-6010A
Manganese	N	102	mg/kg		10	SW846-6010A
Mercury	UX	0.2	mg/kg		0.2	SW846-7471
Nickel		9.23	mg/kg		5	SW846-6010A
Potassium	N	781	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		289	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	27.3	mg/kg		2	SW846-6010A
Zinc		54.5	mg/kg		20	SW846-6010A
PHYSC						
pH		6.6	NA			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.76	pCi/g	0.72	0.98	RL-7111
Americium-241	UX	0.0774	pCi/g	0.155	0.136	RL-7124
Beta activity		3.91	pCi/g	0.47	0.38	RL-7111
Neptunium-237	U	0.0183	pCi/g	0.0365	0.0782	RL-7124
Plutonium-239/240	A	-0.0067	pCi/g	0.0118	0.373	RL-7120
Radium-226	U	1.66	pCi/g	3.31	0.563	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1.05	pCi/g	2.1	0.753	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

1,3-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg	0.007	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg	0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg	0.0013	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	19	mg/kg	19	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	UX	1	mg/kg	1	SW846-9014
Moisture		20.6	%		ASTM-D2216-92

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006-020

ERI99-W3-6

WAG 3 - SWMU 6

006020SA085

Collected: 1/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		1.95	pCi/g	0.5	0.98	RL-7111
Americium-241	U	0.0413	pCi/g	0.0825	0.162	RL-7124
Beta activity		4.05	pCi/g	0.48	0.38	RL-7111
Neptunium-237	U	0.0273	pCi/g	0.0546	0.0895	RL-7124
Plutonium-239/240	A	-0.0118	pCi/g	0.0093	0.373	RL-7120
Radium-226		0.687	pCi/g	0.0611	0.368	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	1	pCi/g	2	0.801	RL-7124
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.008	mg/kg		0.008	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.23	mg/kg		0.23	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260

006-020**ERI99-W3-6****WAG 3 - SWMU 6**

Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.23	mg/kg	0.23	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	23	mg/kg	23	OA33499026

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ERI99-W3-6

WAG 3 - SWMU 6

006020SD047

Collected: 1/26/2000

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	BUW	5	mg/kg		5	SW846-7060
Barium		29.4	mg/kg		1	SW846-6010A
Beryllium		0.88	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	918	mg/kg		100	SW846-6010A
Chromium		13.7	mg/kg		2	SW846-6010A
Cobalt	N	6.56	mg/kg		2	SW846-6010A
Copper		5.42	mg/kg		2	SW846-6010A
Iron	NW	17300	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	484	mg/kg		15	SW846-6010A
Manganese	N	119	mg/kg		10	SW846-6010A
Mercury	UX	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	338	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	JU	4	mg/kg		4	SW846-6010A
Sodium		322	mg/kg		200	SW846-6010A
Thallium	NU	15	mg/kg		15	SW846-6010A
Vanadium	*N	32.9	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.46	pCi/g	0.78	0.98	RL-7111
Americium-241	UX	0.0122	pCi/g	0.0244	0.135	RL-7124
Beta activity		4.33	pCi/g	0.49	0.38	RL-7111
Neptunium-237	U	-0.0058	pCi/g	0.0115	0.064	RL-7124
Plutonium-239/240	A	-0.0118	pCi/g	0.0095	0.373	RL-7120
Radium-226	U	1.44	pCi/g	2.88	0.555	RL-7124
Technetium-99	U	0	pCi/g	0	2.88	RL-7116
Thorium-234	U	0.883	pCi/g	1.77	0.751	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg		0.48	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	U	0.48	mg/kg	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0.48	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.007 mg/kg	0.007	OA33499026
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	U	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19 mg/kg	0.19	OA33499026
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19 mg/kg	0.19	OA33499026
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0013 mg/kg	0.0013	OA33499026
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	19 mg/kg	19	OA33499026
Vinyl chloride	U	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	UX	1 mg/kg	1	SW846-9014

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006-021

ERI99-W3-6

WAG 3 - SWMU 6

006021SA014

Collected: 1/20/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	9330	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		63	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	5800	mg/kg		100	SW846-6010A
Chromium		13	mg/kg		2	SW846-6010A
Cobalt		2.73	mg/kg		2	SW846-6010A
Copper		6.53	mg/kg		2	SW846-6010A
Iron	*NW	9210	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1220	mg/kg		15	SW846-6010A
Manganese	*N	164	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.21	mg/kg		5	SW846-6010A
Potassium	N	265	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JN	275	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.1	mg/kg		2	SW846-6010A
Zinc		32.5	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.28	pCi/g	0.96	1.58	RL-7111
Americium-241	U	-0.108	pCi/g	0.215	0.124	RL-7124
Beta activity		3.55	pCi/g	0.46	0.4	RL-7111
Neptunium-237	U	0.0549	pCi/g	0.11	0.0767	RL-7124
Plutonium-239/240	A	-0.0094	pCi/g	0.0132	0.373	RL-7120
Radium-226	U	1.6	pCi/g	3.2	0.575	RL-7124
Technetium-99	U	0	pCi/g	0	8.24	RL-7116
Thorium-234	U	0.609	pCi/g	1.22	0.694	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	0.74	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.16	mg/kg		0.16	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.16	mg/kg		0.16	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.0011	mg/kg		0.0011	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	16	mg/kg		16	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006021SA035

Collected: 1/20/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	9590	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		35.9	mg/kg		1	SW846-6010A
Beryllium		0.52	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	833	mg/kg		100	SW846-6010A
Chromium		11.8	mg/kg		2	SW846-6010A
Cobalt		3.63	mg/kg		2	SW846-6010A
Copper		6.74	mg/kg		2	SW846-6010A
Iron	*NW	10000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	768	mg/kg		15	SW846-6010A
Manganese	*N	100	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	311	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JN	202	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		20.2	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.13	pCi/g	0.81	1.58	RL-7111
Americium-241	U	0.0363	pCi/g	0.0727	0.125	RL-7124
Beta activity		3.4	pCi/g	0.45	0.4	RL-7111
Neptunium-237	U	-0.0133	pCi/g	0.0267	0.06	RL-7124
Plutonium-239/240	A	-0.0109	pCi/g	0.0116	0.373	RL-7120
Radium-226	U	1.07	pCi/g	2.14	0.506	RL-7124
Technetium-99	U	0	pCi/g	0	8.24	RL-7116
Thorium-234	U	1.03	pCi/g	2.06	0.702	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-butyl phthalate	B	1.5	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 6

Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.0025	mg/kg		0.0013	OA33499026
Vinyl chloride	U	17	mg/kg		17	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006021SA047

Collected: 1/20/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		2.77	pCi/g	0.78	1.58	RL-7111
Beta activity		1.33	pCi/g	0.28	0.4	RL-7111
Technetium-99	U	0	pCi/g	0	8.24	RL-7116
VOA						
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
trans-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	14	mg/kg		14	OA33499026

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ERI99-W3-6

WAG 3 - SWMU 6

006021SA059

Collected: 1/20/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	13100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		69.4	mg/kg		1	SW846-6010A
Beryllium		2.16	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1600	mg/kg		100	SW846-6010A
Chromium		22.6	mg/kg		2	SW846-6010A
Cobalt		2.76	mg/kg		2	SW846-6010A
Copper		13.8	mg/kg		2	SW846-6010A
Iron	*NW	29900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1560	mg/kg		15	SW846-6010A
Manganese	*N	162	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.64	mg/kg		5	SW846-6010A
Potassium	N	1040	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		33.6	mg/kg		2	SW846-6010A
Zinc		68.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.95	pCi/g	1.13	1.58	RL-7111
Americium-241	U	0.0165	pCi/g	0.0331	0.159	RL-7124
Beta activity		4.28	pCi/g	0.5	0.4	RL-7111
Neptunium-237	U	-0.0494	pCi/g	0.0987	0.0763	RL-7124
Plutonium-239/240	A	-0.0038	pCi/g	0.0139	0.373	RL-7120
Radium-226	U	1.4	pCi/g	2.8	0.636	RL-7124
Technetium-99	U	0	pCi/g	0	8.24	RL-7116
Thorium-234	U	0.74	pCi/g	1.48	0.886	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	1	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.0101	mg/kg		0.0012	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	17	mg/kg		17	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006021SA073

Collected: 1/21/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.66	g/ml			ASTM-D854-92
METAL						
Aluminum	N	4960	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		48.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	512	mg/kg		100	SW846-6010A
Chromium		6.74	mg/kg		2	SW846-6010A
Cobalt		2.47	mg/kg		2	SW846-6010A
Copper		3.42	mg/kg		2	SW846-6010A
Iron	*NW	5010	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	522	mg/kg		15	SW846-6010A
Manganese	*N	144	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	424	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		6.26	mg/kg		2	SW846-6010A
Zinc		22.4	mg/kg		20	SW846-6010A
PHYSC						
pH		7.14	none			SW846-9045
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.15	pCi/g	0.81	1.58	RL-7111
Americium-241	U	0.0107	pCi/g	0.0214	0.13	RL-7124
Beta activity		3.25	pCi/g	0.44	0.4	RL-7111
Neptunium-237	U	-0.011	pCi/g	0.022	0.0624	RL-7124
Plutonium-239/240	A	-0.0049	pCi/g	0.0106	0.37	RL-7120
Radium-226	U	1.58	pCi/g	3.16	0.529	RL-7124
Technetium-99	U	0	pCi/g	0	8.24	RL-7116
Thorium-234	U	1.25	pCi/g	2.5	0.684	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.49	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	3.2	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	14	mg/kg		14	OA33499026
Vinyl chloride	JUY	0.01	mg/kg		0.01	SW846-8260

WETCHEM

Cyanide	NU	1	mg/kg		1	SW846-9014
Moisture		24	%			ASTM-D2216-92

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ERI99-W3-6

WAG 3 - SWMU 6

006021SA085

Collected: 1/21/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	2230	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		32.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	273	mg/kg		100	SW846-6010A
Chromium		6.72	mg/kg		2	SW846-6010A
Cobalt		2.8	mg/kg		2	SW846-6010A
Copper		2.8	mg/kg		2	SW846-6010A
Iron	*NW	5140	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	188	mg/kg		15	SW846-6010A
Manganese	*N	183	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	198	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		5.42	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
RADS						
Alpha activity		2.05	pCi/g	0.65	1.58	RL-7111
Beta activity		2.66	pCi/g	0.4	0.4	RL-7111
Technetium-99	U	0	pCi/g	0	8.24	RL-7116
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	J	0.073	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260

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WAG 3 - SWMU 6

Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	UY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	17	mg/kg	17	OA33499026

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ERI99-W3-6

WAG 3 - SWMU 6

006022SA014

Collected: 1/15/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	9720	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		65.9	mg/kg		1	SW846-6010A
Beryllium		0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	14900	mg/kg		100	SW846-6010A
Chromium		13.3	mg/kg		2	SW846-6010A
Cobalt		3.02	mg/kg		2	SW846-6010A
Copper		6.41	mg/kg		2	SW846-6010A
Iron	*NW	9140	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	2370	mg/kg		15	SW846-6010A
Manganese	*N	222	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.2	mg/kg		5	SW846-6010A
Potassium	N	387	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JN	222	mg/kg		200	SW846-6010A
Thallium	EU	15	mg/kg		15	SW846-6010A
Vanadium		18.9	mg/kg		2	SW846-6010A
Zinc		48.3	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		11.18	pCi/g	1.29	1.07	RL-7111
Americium-241	UX	-0.0009	pCi/g	0.0017	0.123	RL-7124
Beta activity		9.58	pCi/g	0.72	0.37	RL-7111
Neptunium-237	U	0.0138	pCi/g	0.0276	0.065	RL-7124
Plutonium-239/240	A	-0.0153	pCi/g	0.0077	0.373	RL-7120
Radium-226	U	1.15	pCi/g	2.3	0.48	RL-7124
Technetium-99	U	0.812	pCi/g	2.76	4.06	RL-7116
Thorium-234	U	0.624	pCi/g	1.25	0.625	RL-7124
Uranium-235		0.732	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 6

2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-butyl phthalate	B	0.86	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 6

Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg		0.007	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.0038	mg/kg		0.0014	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	21	mg/kg		21	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006022SA035

Collected: 1/15/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	6070	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		25.8	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	604	mg/kg		100	SW846-6010A
Chromium		12.7	mg/kg		2	SW846-6010A
Cobalt	U	2	mg/kg		2	SW846-6010A
Copper		5.25	mg/kg		2	SW846-6010A
Iron	*NW	11500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	477	mg/kg		15	SW846-6010A
Manganese	*N	81	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	215	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		29.1	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.48	pCi/g	0.59	1.07	RL-7111
Americium-241	UX	-0.0009	pCi/g	0.0019	0.114	RL-7124
Beta activity		3.97	pCi/g	0.47	0.37	RL-7111
Neptunium-237	U	-0.0038	pCi/g	0.0075	0.0609	RL-7124
Plutonium-239/240	A	-0.0106	pCi/g	0.0102	0.372	RL-7120
Radium-226	U	1.47	pCi/g	2.94	0.506	RL-7124
Technetium-99	U	1.32	pCi/g	2.95	4.06	RL-7116
Thorium-234	U	1.19	pCi/g	2.37	0.656	RL-7124
Uranium-235		0.725	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	0.92	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	J	0.013	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene		0.0035	mg/kg		0.001	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	15	mg/kg		15	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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12/18/2007

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ERI99-W3-6

WAG 3 - SWMU 6

006022SA047

Collected: 1/15/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
cis-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
trans-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	15	mg/kg		15	OA33499026

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12/18/2007

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ERI99-W3-6

WAG 3 - SWMU 6

006022SA047

Collected: 1/18/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity	X	4.54	pCi/g	0.8	1	RL-7111
Beta activity		4.04	pCi/g	0.49	0.41	RL-7111
Technetium-99	U	1.12	pCi/g	2.83	4.22	RL-7116
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3-6

WAG 3 - SWMU 6

006022SA059

Collected: 1/18/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	11100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		65.4	mg/kg		1	SW846-6010A
Beryllium		1.54	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1830	mg/kg		100	SW846-6010A
Chromium		19.8	mg/kg		2	SW846-6010A
Cobalt		2.45	mg/kg		2	SW846-6010A
Copper		11.7	mg/kg		2	SW846-6010A
Iron	*NW	23000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1740	mg/kg		15	SW846-6010A
Manganese	*N	96	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.6	mg/kg		5	SW846-6010A
Potassium	N	951	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.4	mg/kg		2	SW846-6010A
Zinc		72.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity	X	7.38	pCi/g	1.02	1	RL-7111
Americium-241	U	-0.0372	pCi/g	0.0745	0.142	RL-7124
Beta activity		5.83	pCi/g	0.59	0.41	RL-7111
Neptunium-237	U	-0.0061	pCi/g	0.0122	0.0682	RL-7124
Plutonium-239/240	A	-0.0116	pCi/g	0.0107	0.373	RL-7120
Radium-226	U	1.2	pCi/g	2.41	0.515	RL-7124
Technetium-99	U	1.4	pCi/g	3.14	4.22	RL-7116
Thorium-234	U	1.67	pCi/g	3.35	0.748	RL-7124
Uranium	U	3.29	pCi/g	4.8	0.717	RL-7124
Uranium-234	U	1.42	pCi/g	2.07	0.295	RL-7124
Uranium-235		0.63	wt %	0.43		RL-7124
Uranium-235		0.707	wt %			AS7300
Uranium-238	U	1.8	pCi/g	0.637	0.369	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

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WAG 3 - SWMU 6

1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	1.6	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.19	mg/kg		0.19	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.19	mg/kg		0.19	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0013	mg/kg		0.0013	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	19	mg/kg		19	OA33499026

WETCHEM

Cyanide	UX	1	mg/kg		1	SW846-9014
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006-022

ERI99-W3-6

WAG 3 - SWMU 6

006022SA073

Collected: 1/18/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity	X	4.19	pCi/g	0.76	1	RL-7111
Beta activity		3.74	pCi/g	0.47	0.41	RL-7111
Technetium-99	U	1.26	pCi/g	2.85	4.22	RL-7116
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg		0.007	OA33499026
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0014	mg/kg		0.0014	OA33499026
Vinyl chloride	U	21	mg/kg		21	OA33499026
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260

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006-022

ERI99-W3-6

WAG 3 - SWMU 6

006022SA085

Collected: 1/18/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8750	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		51.1	mg/kg		1	SW846-6010A
Beryllium		0.67	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1040	mg/kg		100	SW846-6010A
Chromium		30.9	mg/kg		2	SW846-6010A
Cobalt		2.02	mg/kg		2	SW846-6010A
Copper		6.15	mg/kg		2	SW846-6010A
Iron	*NW	1180	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1290	mg/kg		15	SW846-6010A
Manganese	*N	66.4	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.77	mg/kg		5	SW846-6010A
Potassium	N	837	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.4	mg/kg		2	SW846-6010A
Zinc		44.2	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity	X	5.21	pCi/g	0.85	1	RL-7111
Americium-241	UX	-0.0446	pCi/g	0.0892	0.152	RL-7124
Beta activity		5.09	pCi/g	0.55	0.41	RL-7111
Neptunium-237	U	0.0151	pCi/g	0.0302	0.0847	RL-7124
Plutonium-239/240	A	-0.0101	pCi/g	0.0124	0.373	RL-7120
Radium-226	U	1.37	pCi/g	2.73	0.595	RL-7124
Technetium-99	U	1.99	pCi/g	3.11	4.22	RL-7116
Thorium-234		1.28	pCi/g	0.552	0.662	RL-7124
Uranium	U	2.85	pCi/g	4.62	1.99	RL-7124
Uranium-234	U	0.786	pCi/g	1.27	0.544	RL-7124
Uranium-235		0.39	wt %	0.27		RL-7124
Uranium-235		0.702	wt %			AS7300
Uranium-238	U	2.02	pCi/g	1.56	1.39	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3-6

WAG 3 - SWMU 6

1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.008 mg/kg	0.008	OA33499026
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	U	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.23 mg/kg	0.23	OA33499026
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.23 mg/kg	0.23	OA33499026
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0015 mg/kg	0.0015	OA33499026
Vinyl chloride	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	23 mg/kg	23	OA33499026

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006-023

ERI99-W3-6

WAG 3 - SWMU 6

006023SA014

Collected: 1/13/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	10500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		83.5	mg/kg		1	SW846-6010A
Beryllium		0.56	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1530	mg/kg		100	SW846-6010A
Chromium		15.5	mg/kg		2	SW846-6010A
Cobalt		2.7	mg/kg		2	SW846-6010A
Copper		20.9	mg/kg		2	SW846-6010A
Iron	*NW	9880	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1180	mg/kg		15	SW846-6010A
Manganese	*N	165	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		15.4	mg/kg		5	SW846-6010A
Potassium	N	387	mg/kg		100	SW846-6010A
Selenium	U	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*N	377	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.8	mg/kg		2	SW846-6010A
Zinc		27.4	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.11	pCi/g	0.81	0.9	RL-7111
Americium-241	U	-0.0457	pCi/g	0.0914	0.127	RL-7124
Beta activity		4.44	pCi/g	0.5	0.38	RL-7111
Neptunium-237	U	0.0157	pCi/g	0.0314	0.0707	RL-7124
Plutonium-239/240	A	-0.0084	pCi/g	0.0154	0.373	RL-7120
Radium-226	U	1.97	pCi/g	3.95	0.555	RL-7124
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
Thorium-234	U	0.881	pCi/g	1.76	0.666	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-butyl phthalate	B	0.72	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.29	mg/kg		0.29	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.29	mg/kg		0.29	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0019	mg/kg		0.0019	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	29	mg/kg		29	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006023SA035

Collected: 1/13/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8730	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		40.6	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	635	mg/kg		100	SW846-6010A
Chromium		8.85	mg/kg		2	SW846-6010A
Cobalt		10.1	mg/kg		2	SW846-6010A
Copper		3.83	mg/kg		2	SW846-6010A
Iron	*NW	11500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	501	mg/kg		15	SW846-6010A
Manganese	*N	281	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	205	mg/kg		100	SW846-6010A
Selenium	U	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		20.1	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		2.48	pCi/g	0.56	0.9	RL-7111
Beta activity		3.75	pCi/g	0.46	0.38	RL-7111
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260

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WAG 3 - SWMU 6

4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	J	0.085	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	17	mg/kg	17	OA33499026

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ERI99-W3-6

WAG 3 - SWMU 6

006023SA047

Collected: 1/13/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	4060	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		17	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	499	mg/kg		100	SW846-6010A
Chromium		6.5	mg/kg		2	SW846-6010A
Cobalt		2.44	mg/kg		2	SW846-6010A
Copper		4.43	mg/kg		2	SW846-6010A
Iron	*NW	7460	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	227	mg/kg		15	SW846-6010A
Manganese	*N	59.7	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	165	mg/kg		100	SW846-6010A
Selenium	U	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*N	206	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.9	mg/kg		2	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		5.16	pCi/g	0.82	0.9	RL-7111
Americium-241	U	-0.0116	pCi/g	0.0232	0.116	RL-7124
Beta activity		3.47	pCi/g	0.44	0.38	RL-7111
Neptunium-237	U	0.0253	pCi/g	0.0506	0.0629	RL-7124
Plutonium-239/240	A	-0.0117	pCi/g	0.0107	0.373	RL-7120
Radium-226	U	1.63	pCi/g	3.27	0.519	RL-7124
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
Thorium-234		1.17	pCi/g	0.397	0.434	RL-7124
Uranium-235		0.703	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

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WAG 3 - SWMU 6

2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-butyl phthalate	B	0.77	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.006	mg/kg		0.006	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.17	mg/kg		0.17	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0011	mg/kg		0.0011	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	17	mg/kg		17	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006023SA059

Collected: 1/13/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	13100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		79	mg/kg		1	SW846-6010A
Beryllium		1	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1620	mg/kg		100	SW846-6010A
Chromium		14.4	mg/kg		2	SW846-6010A
Cobalt		5.27	mg/kg		2	SW846-6010A
Copper		8.26	mg/kg		2	SW846-6010A
Iron	*NW	14200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1540	mg/kg		15	SW846-6010A
Manganese	*N	127	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	975	mg/kg		100	SW846-6010A
Selenium	U	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*NU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.7	mg/kg		2	SW846-6010A
Zinc		54.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.05	pCi/g	0.71	0.9	RL-7111
Americium-241	U	0.0641	pCi/g	0.128	0.182	RL-7124
Beta activity		5.83	pCi/g	0.57	0.38	RL-7111
Neptunium-237	U	0.00143	pCi/g	0.0029	0.0962	RL-7124
Plutonium-239/240	A	-0.0076	pCi/g	0.012	0.372	RL-7120
Radium-226	U	2.18	pCi/g	4.37	0.748	RL-7124
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
Thorium-234		1.41	pCi/g	0.578	0.685	RL-7124
Uranium	U	3.85	pCi/g	7.03	3.6	RL-7124
Uranium-234	U	2.29	pCi/g	4.18	2.16	RL-7124
Uranium-235		0.68	wt %			AS7300
Uranium-235		1.09	wt %	0.74		RL-7124
Uranium-238	U	1.45	pCi/g	1.68	1.37	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-butyl phthalate	B	1.6	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Naphthalene	U	0.48 mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48 mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48 mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48 mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48 mg/kg	0	0.48	SW846-8270
Phenanthrene	U	0.48 mg/kg	0	0.48	SW846-8270
Phenol	U	0.48 mg/kg	0	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48 mg/kg	0	0.48	SW846-8270

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.008 mg/kg		0.008	OA33499026
1,1-Dichloroethene	U	0.01 mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg		0.01	SW846-8260
2-Butanone	U	0.01 mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg		0.01	SW846-8260
Acetone	JU	0.01 mg/kg		0.01	SW846-8260
Benzene	U	0.01 mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg		0.01	SW846-8260
Bromoform	U	0.01 mg/kg		0.01	SW846-8260
Bromomethane	U	0.01 mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg		0.01	SW846-8260
Chloroethane	U	0.01 mg/kg		0.01	SW846-8260
Chloroform	U	0.01 mg/kg		0.01	SW846-8260
Chloromethane	U	0.01 mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.23 mg/kg		0.23	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01 mg/kg		0.01	SW846-8260
Styrene	U	0.01 mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01 mg/kg		0.01	SW846-8260
Toluene	U	0.01 mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.23 mg/kg		0.23	OA33499026
trans-1,2-Dichloroethene	U	0.01 mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0015 mg/kg		0.0015	OA33499026
Vinyl chloride	U	0.01 mg/kg		0.01	SW846-8260
Vinyl chloride	U	23 mg/kg		23	OA33499026

WETCHEM

Cyanide	UX	1 mg/kg		1	SW846-9014
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Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

006-023

ERI99-W3-6

WAG 3 - SWMU 6

006023SA073

Collected: 1/14/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	10300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		55.2	mg/kg		1	SW846-6010A
Beryllium		1.15	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1130	mg/kg		100	SW846-6010A
Chromium		13.5	mg/kg		2	SW846-6010A
Cobalt		11.5	mg/kg		2	SW846-6010A
Copper		8.12	mg/kg		2	SW846-6010A
Iron	*NW	17300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1120	mg/kg		15	SW846-6010A
Manganese	*N	130	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.74	mg/kg		5	SW846-6010A
Potassium	N	810	mg/kg		100	SW846-6010A
Selenium	BU	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*JNU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.8	mg/kg		2	SW846-6010A
Zinc		48.9	mg/kg		20	SW846-6010A
PHYSC						
pH		6.66	none			SW846-9045
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		3.87	pCi/g	0.71	0.9	RL-7111
Americium-241	U	0.00791	pCi/g	0.0158	0.15	RL-7124
Beta activity		2.5	pCi/g	0.37	0.38	RL-7111
Neptunium-237	U	0.0123	pCi/g	0.0246	0.0808	RL-7124
Plutonium-239/240	A	0.00915	pCi/g	0.0181	0.373	RL-7120
Radium-226		0.577	pCi/g	0.064	0.366	RL-7124
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
Thorium-234	U	1.48	pCi/g	2.96	0.786	RL-7124
Uranium	U	2.87	pCi/g	4.3	0.805	RL-7124
Uranium-234	U	1.21	pCi/g	1.82	0.328	RL-7124
Uranium-235		0.62	wt %	0.42		RL-7124
Uranium-238	U	1.59	pCi/g	0.705	0.424	RL-7124
SVOA						

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ERI99-W3-6

WAG 3 - SWMU 6

1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Dibenzofuran	U	0.47	mg/kg	0	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Dimethyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-butyl phthalate	B	0.82	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorobutadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.005	mg/kg		0.005	OA33499026
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	JU	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
cis-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.15	mg/kg		0.15	OA33499026
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	15	mg/kg		15	OA33499026
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260

WETCHEM

Cyanide	UX	1	mg/kg		1	SW846-9014
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Paducah-OREIS Data Report

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006-023

ERI99-W3-6

WAG 3 - SWMU 6

006023SA085

Collected: 1/14/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		3.51	pCi/g	0.67	0.9	RL-7111
Americium-241	U	-0.0213	pCi/g	0.0426	0.128	RL-7124
Beta activity		3.05	pCi/g	0.41	0.38	RL-7111
Neptunium-237	U	0.0183	pCi/g	0.0365	0.0724	RL-7124
Plutonium-239/240	A	-0.0194	pCi/g	0.0058	0.373	RL-7120
Radium-226	U	1.29	pCi/g	2.57	0.541	RL-7124
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
Thorium-234	U	0.471	pCi/g	0.942	0.723	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.004	mg/kg		0.004	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	J	0.041	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.11	mg/kg		0.11	OA33499026
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.11	mg/kg		0.11	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.001	mg/kg		0.001	OA33499026
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	11	mg/kg		11	OA33499026

*QUALIFIER Codes See attached List.

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ERI99-W3-6

WAG 3 - SWMU 6

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006-023

ERI99-W3-6

WAG 3 - SWMU 6

006023SD059

Collected: 1/13/2000

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	11800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		104	mg/kg		1	SW846-6010A
Beryllium		1.49	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*	1770	mg/kg		100	SW846-6010A
Chromium		13.8	mg/kg		2	SW846-6010A
Cobalt		19.8	mg/kg		2	SW846-6010A
Copper		9.78	mg/kg		2	SW846-6010A
Iron	*NW	20100	mg/kg		5	SW846-6010A
Lead		25.2	mg/kg		20	SW846-6010A
Magnesium	N	1270	mg/kg		15	SW846-6010A
Manganese	*N	398	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	742	mg/kg		100	SW846-6010A
Selenium	U	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	*NU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.2	mg/kg		2	SW846-6010A
Zinc		53.9	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1221	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1232	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1242	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1248	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1254	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1260	UX	0.1	mg/kg		0.1	SW846-8082
PCB-1268	UX	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		4.6	pCi/g	0.75	0.9	RL-7111
Americium-241	U	-0.0586	pCi/g	0.117	0.166	RL-7124
Beta activity		8.32	pCi/g	0.68	0.38	RL-7111
Neptunium-237	U	-0.0158	pCi/g	0.0316	0.0924	RL-7124
Plutonium-239/240	A	-0.0039	pCi/g	0.0152	0.373	RL-7120
Radium-226	U	1.75	pCi/g	3.5	0.723	RL-7124
Technetium-99	U	0	pCi/g	0	4.06	RL-7116
Thorium-234	U	1.16	pCi/g	2.32	0.92	RL-7124
Uranium-235		0.71	wt %			AS7300
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(k)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	0.6	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Dibenzofuran	U	0.48	mg/kg	0	0.48	SW846-8270
Diethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Dimethyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-butyl phthalate	B	2	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorobutadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270

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ERI99-W3-6

WAG 3 - SWMU 6

Pentachlorophenol	UX	0.48	mg/kg		0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.007	mg/kg		0.007	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.21	mg/kg		0.21	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.0014	mg/kg		0.0014	OA33499026
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	21	mg/kg		21	OA33499026
WETCHEM						
Cyanide	UX	1	mg/kg		1	SW846-9014

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006-026

ERI99-W3-6

WAG 3 - SWMU 6

006026SA013

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.21	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	9630	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	88.6	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1930	mg/kg		50	SW846-6010A
Chromium		15.3	mg/kg		2	SW846-6010A
Cobalt		2.35	mg/kg		1	SW846-6010A
Copper		5.77	mg/kg		2	SW846-6010A
Iron	*NW	10800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1260	mg/kg		15	SW846-6010A
Manganese	*NW	93.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		30	mg/kg		5	SW846-6010A
Potassium	*N	407	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	880	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.6	mg/kg		2	SW846-6010A
Zinc		27.1	mg/kg		15	SW846-6010A
PHYSC						
pH		7.68	none			SW846-9045
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		10.5	pCi/g	6.6	9.6	SW846-9310
Americium-241	U	9.3	pCi/g	0	9.3	DNT
Beta activity		23.4	pCi/g	5.6	7.8	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	200	pCi/g	0	200	DNT
Technetium-99	A	2.45	pCi/g	3.15	4.31	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	7	pCi/g	0	7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M

006-026**ERI99-W3-6****WAG 3 - SWMU 6**

N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.394 mg/kg	0.394	SW846-8021 M
cis-1,2-Dichloroethene	U	0.394 mg/kg	0.394	SW846-8021 M
trans-1,2-Dichloroethene	U	0.394 mg/kg	0.394	SW846-8021 M
Trichloroethene	U	0.394 mg/kg	0.394	SW846-8021 M
Vinyl chloride	U	0.394 mg/kg	0.394	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		23.3 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-6

WAG 3 - SWMU 6

006026SA019

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.24	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	4660	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	17.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	384	mg/kg		50	SW846-6010A
Chromium		6.43	mg/kg		2	SW846-6010A
Cobalt		1.98	mg/kg		1	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	*NW	6270	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	299	mg/kg		15	SW846-6010A
Manganese	*NW	92.1	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.3	mg/kg		5	SW846-6010A
Potassium	*N	158	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	1180	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.4	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.65	none			SW846-9045
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
RADS						
Alpha activity		9	pCi/g	6	9	SW846-9310
Americium-241	U	2.5	pCi/g	0	2.5	DNT
Beta activity		17.7	pCi/g	4.6	6.4	SW846-9310
Cesium-137	U	0.87	pCi/g	0	0.87	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.31	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

006-026**ERI99-W3-6****WAG 3 - SWMU 6**

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.304 mg/kg	0.304	SW846-8021 M
cis-1,2-Dichloroethene	U	0.304 mg/kg	0.304	SW846-8021 M
trans-1,2-Dichloroethene	U	0.304 mg/kg	0.304	SW846-8021 M
Trichloroethene	U	0.304 mg/kg	0.304	SW846-8021 M
Vinyl chloride	U	0.304 mg/kg	0.304	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		20.1 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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006-026

ERI99-W3-6

WAG 3 - SWMU 6

006026SA023

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.28	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	3510	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	14.1	mg/kg		1	SW846-6010A
Beryllium		1	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	264	mg/kg		50	SW846-6010A
Chromium		56.8	mg/kg		2	SW846-6010A
Cobalt		4.48	mg/kg		1	SW846-6010A
Copper		3.39	mg/kg		2	SW846-6010A
Iron	*NW	20200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	203	mg/kg		15	SW846-6010A
Manganese	*NW	117	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		40.7	mg/kg		5	SW846-6010A
Potassium	*N	112	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	904	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		49.1	mg/kg		2	SW846-6010A
Zinc		17.3	mg/kg		15	SW846-6010A
PHYSC						
pH		7.38	none			SW846-9045
PPCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		16.1	pCi/g	6.5	8	SW846-9310
Americium-241	U	6.8	pCi/g	0	6.8	DNT
Beta activity		17	pCi/g	4.5	6.3	SW846-9310
Cesium-137	U	0.79	pCi/g	0	0.79	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	1.18	pCi/g	3.1	4.31	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	5.1	pCi/g	0	5.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

006-026

ERI99-W3-6

WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

006-026**ERI99-W3-6****WAG 3 - SWMU 6**

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.369 mg/kg	0.369	SW846-8021 M
cis-1,2-Dichloroethene	U	0.369 mg/kg	0.369	SW846-8021 M
trans-1,2-Dichloroethene	U	0.369 mg/kg	0.369	SW846-8021 M
Trichloroethene	U	0.369 mg/kg	0.369	SW846-8021 M
Vinyl chloride	U	0.369 mg/kg	0.369	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		17.8 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-6

WAG 3 - SWMU 6

006026SA038

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.32	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	7460	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	15.3	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	455	mg/kg		50	SW846-6010A
Chromium		5.58	mg/kg		2	SW846-6010A
Cobalt		1.3	mg/kg		1	SW846-6010A
Copper		2.51	mg/kg		2	SW846-6010A
Iron	*NW	5170	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	309	mg/kg		15	SW846-6010A
Manganese	*NW	22.7	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.7	mg/kg		5	SW846-6010A
Potassium	*N	274	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	253	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		10	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.38	none			SW846-9045
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		23.3	pCi/g	7.6	8.8	SW846-9310
Americium-241	U	2.2	pCi/g	0	2.2	DNT
Beta activity		26.3	pCi/g	4.9	6.4	SW846-9310
Cesium-137	U	0.75	pCi/g	0	0.75	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0.412	pCi/g	0.972	4.31	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	4.8	pCi/g	0	4.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

006-026**ERI99-W3-6****WAG 3 - SWMU 6**

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.323 mg/kg	0.323	SW846-8021 M
cis-1,2-Dichloroethene	U	0.323 mg/kg	0.323	SW846-8021 M
trans-1,2-Dichloroethene	U	0.323 mg/kg	0.323	SW846-8021 M
Trichloroethene	U	0.323 mg/kg	0.323	SW846-8021 M
Vinyl chloride	U	0.323 mg/kg	0.323	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		14.8 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-6

WAG 3 - SWMU 6

006026SA051

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	108	mg/kg		1	SW846-6010A
Beryllium		2.01	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1380	mg/kg		50	SW846-6010A
Chromium		18.1	mg/kg		2	SW846-6010A
Cobalt		18.5	mg/kg		1	SW846-6010A
Copper		9.7	mg/kg		2	SW846-6010A
Iron	*NW	32900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1350	mg/kg		15	SW846-6010A
Manganese	*NW	442	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		68.6	mg/kg		5	SW846-6010A
Potassium	*N	854	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	574	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		30.6	mg/kg		2	SW846-6010A
Zinc		69.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		14.5	pCi/g	7.4	10	SW846-9310
Alpha activity		8.34	pCi/g	1.56	1.99	RL-7111
Americium-241	U	5.1	pCi/g	0	5.1	DNT
Beta activity		3.94	pCi/g	0.45	0.84	RL-7111
Beta activity		23.6	pCi/g	6.3	9	SW846-9310
Cesium-137	U	0.68	pCi/g	0	0.68	DNT
Cobalt-60	U	0.94	pCi/g	0	0.94	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT

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ERI99-W3-6

WAG 3 - SWMU 6

Technetium-99	A	1.28	pCi/g	3.16	4.31	RL-7116
Thorium-234	U	9.7	pCi/g	0	9.7	DNT
Uranium-235	U	5.5	pCi/g	0	5.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M

006-026**ERI99-W3-6****WAG 3 - SWMU 6**

Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.249 mg/kg	0.249	SW846-8021 M
cis-1,2-Dichloroethene	U	0.249 mg/kg	0.249	SW846-8021 M
trans-1,2-Dichloroethene	U	0.249 mg/kg	0.249	SW846-8021 M
Trichloroethene	U	0.249 mg/kg	0.249	SW846-8021 M
Vinyl chloride	U	0.249 mg/kg	0.249	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3-6

WAG 3 - SWMU 6

006027SA013

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Technetium-99	A	0.963	pCi/g	4.03	4.04	RL-7116
VOA						
1,1-Dichloroethene	U	0.351	mg/kg		0.351	SW846-8021 M
cis-1,2-Dichloroethene	U	0.351	mg/kg		0.351	SW846-8021 M
trans-1,2-Dichloroethene	U	0.351	mg/kg		0.351	SW846-8021 M
Trichloroethene	U	0.351	mg/kg		0.351	SW846-8021 M
Vinyl chloride	U	0.351	mg/kg		0.351	SW846-8021 M

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ERI99-W3-6

WAG 3 - SWMU 6

006027SA019

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4370	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		19.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		478	mg/kg		50	SW846-6010A
Chromium		4.32	mg/kg		2	SW846-6010A
Cobalt		2.02	mg/kg		1	SW846-6010A
Copper		2.02	mg/kg		2	SW846-6010A
Iron	NW	4160	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	309	mg/kg		15	SW846-6010A
Manganese	N	108	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	136	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	301	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.9	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PHYSC						
pH		7.57	none			SW846-9045
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		10.3	pCi/g	5.8	8.3	SW846-9310
Americium-241	U	6.7	pCi/g	0	6.7	DNT
Beta activity		14.7	pCi/g	3.6	5	SW846-9310
Cesium-137	U	2.7	pCi/g	0	2.7	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.146	pCi/g	0.732	4.04	RL-7116
Thorium-234	U	20	pCi/g	0	20	DNT
Uranium-235	U	5.8	pCi/g	0	5.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

006-027**ERI99-W3-6****WAG 3 - SWMU 6**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.28 mg/kg	0.28	SW846-8021 M
cis-1,2-Dichloroethene	U	0.28 mg/kg	0.28	SW846-8021 M
trans-1,2-Dichloroethene	U	0.28 mg/kg	0.28	SW846-8021 M
Trichloroethene	U	0.28 mg/kg	0.28	SW846-8021 M
Vinyl chloride	U	0.28 mg/kg	0.28	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		16.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-6

WAG 3 - SWMU 6

006027SA023

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
GTEC						
Density		1.25	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	10300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NW	6.19	mg/kg		5	SW846-7060
Barium	*N	32.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1000	mg/kg		50	SW846-6010A
Chromium		12.8	mg/kg		2	SW846-6010A
Cobalt		1.96	mg/kg		1	SW846-6010A
Copper		3.53	mg/kg		2	SW846-6010A
Iron	*NW	9200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	726	mg/kg		15	SW846-6010A
Manganese	*NW	62.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		21.4	mg/kg		5	SW846-6010A
Potassium	*N	302	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	1090	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		16.6	mg/kg		2	SW846-6010A
Zinc		19.8	mg/kg		15	SW846-6010A
PHYSC						
pH		7.99	none			SW846-9045
PPCB						
PCB-1016	U	95	mg/kg		95	SW846-8082 M
PCB-1221	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1232	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1242	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1248	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1254	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1260	U	0.095	mg/kg		0.095	SW846-8082 M
RADS						
Alpha activity		11	pCi/g	6.3	9	SW846-9310
Americium-241	U	2.2	pCi/g	0	2.2	DNT
Beta activity		21.6	pCi/g	5.1	7.2	SW846-9310
Cesium-137	U	0.78	pCi/g	0	0.78	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.04	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	2.1	pCi/g	0	2.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M

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WAG 3 - SWMU 6

N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.333 mg/kg	0.333	SW846-8021 M
cis-1,2-Dichloroethene	U	0.333 mg/kg	0.333	SW846-8021 M
trans-1,2-Dichloroethene	U	0.333 mg/kg	0.333	SW846-8021 M
Trichloroethene	U	0.333 mg/kg	0.333	SW846-8021 M
Vinyl chloride	U	0.333 mg/kg	0.333	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		13.7 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

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ERI99-W3-6

WAG 3 - SWMU 6

006027SA038

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		1.4	g/ml			ASTM-D854-92
METAL						
Aluminum	*NW	3910	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	13.1	mg/kg		1	SW846-6010A
Beryllium		1.7	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	270	mg/kg		50	SW846-6010A
Chromium		116	mg/kg		2	SW846-6010A
Cobalt		8.05	mg/kg		1	SW846-6010A
Copper		2.46	mg/kg		2	SW846-6010A
Iron	*NW	22200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	133	mg/kg		15	SW846-6010A
Manganese	*NW	60.1	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		48.3	mg/kg		5	SW846-6010A
Potassium	*N	117	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	261	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		71.1	mg/kg		2	SW846-6010A
Zinc		20.9	mg/kg		15	SW846-6010A
PHYSC						
pH		7.07	none			SW846-9045
PPCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		13.5	pCi/g	6.8	9.5	SW846-9310
Americium-241	U	5.5	pCi/g	0	5.5	DNT
Beta activity		13.9	pCi/g	4.1	6	SW846-9310
Cesium-137	U	0.64	pCi/g	0	0.64	DNT
Cobalt-60	U	0.88	pCi/g	0	0.88	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	2.14	pCi/g	2.86	4.04	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	1.7	pCi/g	0	1.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

006-027**ERI99-W3-6****WAG 3 - SWMU 6**

Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.405 mg/kg	0.405	SW846-8021 M
cis-1,2-Dichloroethene	U	0.405 mg/kg	0.405	SW846-8021 M
trans-1,2-Dichloroethene	U	0.405 mg/kg	0.405	SW846-8021 M
Trichloroethene	U	0.405 mg/kg	0.405	SW846-8021 M
Vinyl chloride	U	0.405 mg/kg	0.405	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		12.8 %		ASTM-D2216-92
Total Organic Carbon (TOC)	U	300 mg/kg	300	XP4-TS-OA7031

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

006-027

ERI99-W3-6

WAG 3 - SWMU 6

006027SA051

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.32	mg/kg		5	SW846-7060
Barium		50.6	mg/kg		1	SW846-6010A
Beryllium		3.07	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1270	mg/kg		50	SW846-6010A
Chromium		23.1	mg/kg		2	SW846-6010A
Cobalt		3.43	mg/kg		1	SW846-6010A
Copper		9.76	mg/kg		2	SW846-6010A
Iron	NW	36900	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1090	mg/kg		15	SW846-6010A
Manganese	N	64.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		17.2	mg/kg		5	SW846-6010A
Potassium	*N	659	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	297	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		42.5	mg/kg		2	SW846-6010A
Zinc		58.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		11.1	pCi/g	7.1	11	SW846-9310
Americium-241	U	7.8	pCi/g	0	7.8	DNT
Beta activity		25.2	pCi/g	5	6.7	SW846-9310
Cesium-137	U	2.7	pCi/g	0	2.7	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.786	pCi/g	2.99	4.04	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	5.8	pCi/g	0	5.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3-6

WAG 3 - SWMU 6

Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	0.66 mg/kg	0.5	SW846-8270
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

006-027**ERI99-W3-6****WAG 3 - SWMU 6**

N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	UX	0.5 mg/kg	0.5	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.5 mg/kg	0.5	SW846-8270
VOA				
1,1-Dichloroethene	U	0.011 mg/kg	0.011	OA33499026
1,1-Dichloroethene	U	0.327 mg/kg	0.327	SW846-8021 M
cis-1,2-Dichloroethene	U	0.327 mg/kg	0.327	SW846-8021 M
cis-1,2-Dichloroethene	U	0.11 mg/kg	0.11	OA33499026
trans-1,2-Dichloroethene	U	0.11 mg/kg	0.11	OA33499026
trans-1,2-Dichloroethene	U	0.327 mg/kg	0.327	SW846-8021 M
Trichloroethene	U	0.0011 mg/kg	0.0011	OA33499026
Trichloroethene	U	0.327 mg/kg	0.327	SW846-8021 M
Vinyl chloride	U	0.327 mg/kg	0.327	SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

004-032

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA001C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	200	mg/kg		1	SW846-6010A
Beryllium		0.57	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	912	mg/kg		50	SW846-6010A
Chromium		12.3	mg/kg		2	SW846-6010A
Cobalt		5.41	mg/kg		1	SW846-6010A
Copper		8.18	mg/kg		2	SW846-6010A
Iron	*NW	13300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1010	mg/kg		15	SW846-6010A
Manganese	N	981	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.03	mg/kg		5	SW846-6010A
Potassium	N	563	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.4	mg/kg		2	SW846-6010A
Zinc		32.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		14.8	pCi/g	6.6	8.9	SW846-9310
Americium-241	U	4.9	pCi/g	0	4.9	DNT
Beta activity		22.8	pCi/g	5.6	8	SW846-9310
Cesium-137	U	0.57	pCi/g	0	0.57	DNT
Cobalt-60	U	0.78	pCi/g	0	0.78	DNT
Protactinium-234m	U	100	pCi/g	0	100	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	10	pCi/g	0	10	DNT
Uranium-235	U	1.5	pCi/g	0	1.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

004-032

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.398	mg/kg	0.398	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.398	mg/kg	0.398	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.015	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.398	mg/kg	0.398	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.398	mg/kg	0.398	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.398	mg/kg	0.398	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA006C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	13000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	42.4	mg/kg		1	SW846-6010A
Beryllium		0.58	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1540	mg/kg		50	SW846-6010A
Chromium		13.5	mg/kg		2	SW846-6010A
Cobalt		2.32	mg/kg		1	SW846-6010A
Copper		11.4	mg/kg		2	SW846-6010A
Iron	*NW	10100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1320	mg/kg		15	SW846-6010A
Manganese	N	26.1	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.46	mg/kg		5	SW846-6010A
Potassium	N	416	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		309	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		14.1	mg/kg		2	SW846-6010A
Zinc		40.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.125	mg/kg		0.125	SW846-8082 M
PCB-1221	U	0.125	mg/kg		0.125	SW846-8082 M
PCB-1232	U	0.125	mg/kg		0.125	SW846-8082 M
PCB-1242	U	0.125	mg/kg		0.125	SW846-8082 M
PCB-1248	U	0.125	mg/kg		0.125	SW846-8082 M
PCB-1254	U	0.125	mg/kg		0.125	SW846-8082 M
PCB-1260	U	0.125	mg/kg		0.125	SW846-8082 M
RADS						
Alpha activity		29.1	pCi/g	8.3	9.1	SW846-9310
Americium-241	U	11	pCi/g	0	11	DNT
Beta activity		39.1	pCi/g	5.7	6.8	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	8.3	pCi/g	0	8.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.412	mg/kg	0.412	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.412	mg/kg	0.412	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.016	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.412	mg/kg	0.412	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.412	mg/kg	0.412	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.412	mg/kg	0.412	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004-032

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA016C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8480	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	59.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	2120	mg/kg		50	SW846-6010A
Chromium		13.8	mg/kg		2	SW846-6010A
Cobalt		2.23	mg/kg		1	SW846-6010A
Copper		8.97	mg/kg		2	SW846-6010A
Iron	*NW	8200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1700	mg/kg		15	SW846-6010A
Manganese	N	52.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.88	mg/kg		5	SW846-6010A
Potassium	N	445	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		309	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.1	mg/kg		2	SW846-6010A
Zinc		36.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1232	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1242	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1248	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1254	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1260	U	0.118	mg/kg		0.118	SW846-8082 M
RADS						
Alpha activity		4.33	pCi/g	0.78	1.03	RL-7111
Alpha activity		18.4	pCi/g	7.3	8.9	SW846-9310
Americium-241	U	5.5	pCi/g	0	5.5	DNT
Beta activity		3.93	pCi/g	0.42	0.76	RL-7111
Beta activity		37.1	pCi/g	6.7	8.8	SW846-9310
Cesium-137	U	0.64	pCi/g	0	0.64	DNT
Cobalt-60	U	0.88	pCi/g	0	0.88	DNT
Protactinium-234m	U	410	pCi/g	0	410	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	4.1	pCi/g	0	4.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	J	0.174 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.48	mg/kg	0.48	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.48	mg/kg	0.48	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.017	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.48	mg/kg	0.48	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.48	mg/kg	0.48	SW846-8021 M
Vinyl chloride	U	0.48	mg/kg	0.48	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA025C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8380	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	19.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1530	mg/kg		50	SW846-6010A
Chromium		13.4	mg/kg		2	SW846-6010A
Cobalt		1.45	mg/kg		1	SW846-6010A
Copper		3.32	mg/kg		2	SW846-6010A
Iron	*NW	8550	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	450	mg/kg		15	SW846-6010A
Manganese	N	14.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	178	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		218	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		14.2	mg/kg		2	SW846-6010A
Zinc		15.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		12.7	pCi/g	6.2	7.9	SW846-9310
Americium-241	U	6.5	pCi/g	0	6.5	DNT
Beta activity		17.5	pCi/g	5.7	8.3	SW846-9310
Cesium-137	U	0.68	pCi/g	0	0.68	DNT
Cobalt-60	U	0.94	pCi/g	0	0.94	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	12	pCi/g	0	12	DNT

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Contingency WAG 3 - SWMU 4

Uranium-235	U	1.8	pCi/g	0	1.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.313 mg/kg	0.313	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.313 mg/kg	0.313	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.021 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.313 mg/kg	0.313	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.313 mg/kg	0.313	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.313 mg/kg	0.313	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA040C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	2530	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	14.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	370	mg/kg		50	SW846-6010A
Chromium		19.8	mg/kg		2	SW846-6010A
Cobalt		1.82	mg/kg		1	SW846-6010A
Copper		2.68	mg/kg		2	SW846-6010A
Iron	*NW	5200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	78.2	mg/kg		15	SW846-6010A
Manganese	N	12.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	NU	100	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.3	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
RADS						
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.529 mg/kg	0.529	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.529	mg/kg	0.529	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.019	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.529	mg/kg	0.529	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.529	mg/kg	0.529	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.529	mg/kg	0.529	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA050C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
GTEC						
Density		2.68	g/ml			ASTM-D854-92
METAL						
Aluminum	NW	14300	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	75	mg/kg		1	SW846-6010A
Beryllium		1.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1350	mg/kg		50	SW846-6010A
Chromium		23.3	mg/kg		2	SW846-6010A
Cobalt		10	mg/kg		1	SW846-6010A
Copper		8.56	mg/kg		2	SW846-6010A
Iron	*NW	27600	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1380	mg/kg		15	SW846-6010A
Manganese	N	97.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	1420	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		209	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.1	mg/kg		2	SW846-6010A
Zinc		65.2	mg/kg		15	SW846-6010A
PHYSC						
pH		6.76	NA			SW846-9045
PCCB						
PCB-1016	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1221	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1232	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1242	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1248	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1254	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1260	U	0.117	mg/kg		0.117	SW846-8082 M
RADS						
Alpha activity		16.5	pCi/g	7.5	9.8	SW846-9310
Americium-241	U	8.9	pCi/g	0	8.9	DNT
Beta activity		28.2	pCi/g	7.3	10	SW846-9310
Cesium-137	U	0.95	pCi/g	0	0.95	DNT
Cobalt-60	U	5	pCi/g	0	5	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	2.5	pCi/g	0	2.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.347 mg/kg	0.347	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	U	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.347 mg/kg	0.347	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.019 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.347 mg/kg	0.347	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.347 mg/kg	0.347	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.347 mg/kg	0.347	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014
Moisture		16.6 %		ASTM-D2216-92
Total Organic Carbon (TOC)		400 mg/kg	300	XP4-TS-OA7031

004-032

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004032SA060C

Collected: 7/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6560	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	46.3	mg/kg		1	SW846-6010A
Beryllium		0.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	690	mg/kg		50	SW846-6010A
Chromium		8.14	mg/kg		2	SW846-6010A
Cobalt		4.55	mg/kg		1	SW846-6010A
Copper		3.11	mg/kg		2	SW846-6010A
Iron	*NW	9420	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	658	mg/kg		15	SW846-6010A
Manganese	N	168	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.27	mg/kg		5	SW846-6010A
Potassium	N	567	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		10.9	mg/kg		2	SW846-6010A
Zinc		33	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
RADS						
Alpha activity		10.2	pCi/g	5.9	8.2	SW846-9310
Americium-241	U	3.5	pCi/g	0	3.5	DNT
Beta activity		21.3	pCi/g	6.1	8.8	SW846-9310
Cesium-137	U	1.7	pCi/g	0	1.7	DNT
Cobalt-60	U	0.78	pCi/g	0	0.78	DNT
Protactinium-234m	U	100	pCi/g	0	100	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	4.6	pCi/g	0	4.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
1,1-Dichloroethene	U	0.02	mg/kg	0.02	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.02	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.2	mg/kg	0.2	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.296	mg/kg	0.296	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.002	mg/kg	0.002	OA33499026
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.296	mg/kg	0.296	SW846-8021 M
Vinyl chloride	JUY	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004033SA001C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	3320	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	11.9	mg/kg		5	SW846-7060
Barium	N	12.1	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	83.9	mg/kg		50	SW846-6010A
Chromium		296	mg/kg		2	SW846-6010A
Cobalt		3.2	mg/kg		1	SW846-6010A
Copper		6.57	mg/kg		2	SW846-6010A
Iron	*NW	4570	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	270	mg/kg		15	SW846-6010A
Manganese	N	54.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		153	mg/kg		5	SW846-6010A
Potassium	N	189	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		6.65	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		14.1	pCi/g	7.1	10	SW846-9310
Americium-241	U	5.2	pCi/g	0	5.2	DNT
Beta activity		28.2	pCi/g	6	8.4	SW846-9310
Cesium-137	U	0.69	pCi/g	0	0.69	DNT
Cobalt-60	U	0.94	pCi/g	0	0.94	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0.804	pCi/g	15.9	4.43	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	4.4	pCi/g	0	4.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.47 mg/kg	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47 mg/kg	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.47 mg/kg	0.47	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.47 mg/kg	0.47	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.47 mg/kg	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47 mg/kg	0.47	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.47 mg/kg	0.47	SW846-8270
2-Methylphenol	U	0.47 mg/kg	0.47	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.47 mg/kg	0.47	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.47 mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.47 mg/kg	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.47 mg/kg	0.47	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47 mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.47 mg/kg	0.47	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.47 mg/kg	0.47	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.47 mg/kg	0.47	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.47 mg/kg	0.47	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.47 mg/kg	0.47	SW846-8270
Anthracene	U	0.47 mg/kg	0.47	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47 mg/kg	0.47	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Benzo(k)fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.47	mg/kg	0.47	SW846-8270
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.47	mg/kg	0.47	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.47	mg/kg	0.47	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	UX	0.47	mg/kg	0.47	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.47	mg/kg	0.47	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.47	mg/kg	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.47	mg/kg	0.47	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0.47	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.47	mg/kg	0.47	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0.47	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.47	mg/kg	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0.47	SW846-8270

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyridine	UY	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.473	mg/kg	0.473	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.473	mg/kg	0.473	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.473	mg/kg	0.473	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.473	mg/kg	0.473	SW846-8021 M
Vinyl chloride	U	0.473	mg/kg	0.473	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004033SA006C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7630	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	71.9	mg/kg		1	SW846-6010A
Beryllium		0.77	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	316	mg/kg		50	SW846-6010A
Chromium		12.2	mg/kg		2	SW846-6010A
Cobalt		5.22	mg/kg		1	SW846-6010A
Copper		7.63	mg/kg		2	SW846-6010A
Iron	*NW	22800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	864	mg/kg		15	SW846-6010A
Manganese	N	308	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	645	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		326	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		31.5	mg/kg		2	SW846-6010A
Zinc		26.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1221	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1232	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1242	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1248	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1254	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1260	U	0.114	mg/kg		0.114	SW846-8082 M
RADS						
Alpha activity		87	pCi/g	12	10	SW846-9310
Americium-241	A	0.0883	pCi/g	0.177	0.27	RL-7124
Americium-241	U	3	pCi/g	0	3	DNT
Beta activity		114	pCi/g	8.5	8.4	SW846-9310
Cesium-137	U	0.33	pCi/g	0	0.33	DNT
Cobalt-60	U	0.15	pCi/g	0	0.15	DNT
Neptunium-237		0.112	pCi/g	0.224	0.095	RL-7124
Plutonium-239/240	AD	0.00923	pCi/g	0.0193	0.06	RL-7120
Protactinium-234m		134	pCi/g	67	48	DNT
Radium-226		1.77	pCi/g	3.54	0.593	RL-7124
Technetium-99		10.4	pCi/g	3.56	4.43	RL-7116
Thorium-234		38.2	pCi/g	1.11	0.842	RL-7124
Thorium-234		70	pCi/g	12	4.2	DNT
Uranium		57.3	pCi/g	11.3	2.69	RL-7124
Uranium-234		12.7	pCi/g	2.51	0.593	RL-7124
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
Uranium-235		0.293	wt %			AS7300

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Contingency WAG 3 - SWMU 4

Uranium-235		0.33	wt %	0.03		RL-7124
Uranium-238		43.7	pCi/g	3.34	2.03	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.018 mg/kg	0.018	OA33499026
1,1-Dichloroethene	U	0.301 mg/kg	0.301	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.301 mg/kg	0.301	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.18 mg/kg	0.18	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.18 mg/kg	0.18	OA33499026
trans-1,2-Dichloroethene	U	0.301 mg/kg	0.301	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.301 mg/kg	0.301	SW846-8021 M
Trichloroethene		0.004 mg/kg	0.0018	OA33499026
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.301 mg/kg	0.301	SW846-8021 M
Vinyl chloride	JU	0.01 mg/kg	0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Vinyl chloride	U	10 mg/kg	10	OA33499026
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004033SA016C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10300	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	66.3	mg/kg		1	SW846-6010A
Beryllium		0.55	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	959	mg/kg		50	SW846-6010A
Chromium		10.5	mg/kg		2	SW846-6010A
Cobalt		10.1	mg/kg		1	SW846-6010A
Copper		3.38	mg/kg		2	SW846-6010A
Iron	*NW	10100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	772	mg/kg		15	SW846-6010A
Manganese	N	590	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	240	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		760	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.1	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1221	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1232	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1242	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1248	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1254	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1260	U	0.098	mg/kg		0.098	SW846-8082 M
RADS						
Alpha activity		10.6	pCi/g	5.4	7.2	SW846-9310
Americium-241	U	3.7	pCi/g	0	3.7	DNT
Beta activity		17.3	pCi/g	5.2	7.6	SW846-9310
Cesium-137	U	0.6	pCi/g	0	0.6	DNT
Cobalt-60	U	0.81	pCi/g	0	0.81	DNT
Protactinium-234m	U	110	pCi/g	0	110	DNT
Technetium-99	A	0.335	pCi/g	0.562	4.43	RL-7116
Thorium-234	U	8.4	pCi/g	0	8.4	DNT
Uranium-235	U	1.6	pCi/g	0	1.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	J	0.204	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.335	mg/kg	0.335	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JUY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.335	mg/kg	0.335	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.335	mg/kg	0.335	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	J	0.079	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.335	mg/kg	0.335	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.335	mg/kg	0.335	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004033SA025C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		22.5	pCi/g	7.2	8	SW846-9310
Americium-241	U	1.5	pCi/g	0	1.5	DNT
Beta activity		13.6	pCi/g	5.1	7.7	SW846-9310
Cesium-137	U	0.4	pCi/g	0	0.4	DNT
Cobalt-60	U	0.18	pCi/g	0	0.18	DNT
Protactinium-234m	U	28	pCi/g	0	28	DNT
Thorium-234	U	4	pCi/g	0	4	DNT
Uranium-235	U	1.6	pCi/g	0	1.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.353	mg/kg		0.353	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	UY	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.353	mg/kg		0.353	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.353	mg/kg		0.353	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.353	mg/kg		0.353	SW846-8021 M
Trichloroethene	UX	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.353	mg/kg		0.353	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004-034

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004034SA001C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11100	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	104	mg/kg		1	SW846-6010A
Beryllium		1.11	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	13400	mg/kg		50	SW846-6010A
Chromium		42.3	mg/kg		2	SW846-6010A
Cobalt		6.44	mg/kg		1	SW846-6010A
Copper		11.7	mg/kg		2	SW846-6010A
Iron	*NW	30700	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1840	mg/kg		15	SW846-6010A
Manganese	N	393	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	637	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		47.8	mg/kg		2	SW846-6010A
Zinc		57.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		22.8	pCi/g	6.8	7	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		22.6	pCi/g	5.3	7.4	SW846-9310
Cesium-137	U	2.1	pCi/g	0	2.1	DNT
Cobalt-60	U	3.7	pCi/g	0	3.7	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Technetium-99	A	1.89	pCi/g	21.6	4.43	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	1.8	pCi/g	0	1.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.502	mg/kg	0.502	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.502	mg/kg	0.502	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.502	mg/kg	0.502	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.502	mg/kg	0.502	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.502	mg/kg	0.502	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004034SA006C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8380	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	44.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	958	mg/kg		50	SW846-6010A
Chromium		9.66	mg/kg		2	SW846-6010A
Cobalt		3.75	mg/kg		1	SW846-6010A
Copper		6.39	mg/kg		2	SW846-6010A
Iron	*NW	9260	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	838	mg/kg		15	SW846-6010A
Manganese	N	521	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	405	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		324	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		16.5	mg/kg		2	SW846-6010A
Zinc		26.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		19.8	pCi/g	6.5	7.5	SW846-9310
Americium-241	U	7.1	pCi/g	0	7.1	DNT
Beta activity		21.6	pCi/g	4.4	6	SW846-9310
Cesium-137	U	0.75	pCi/g	0	0.75	DNT
Cobalt-60	U	4	pCi/g	0	4	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.43	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT

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Contingency WAG 3 - SWMU 4

Uranium-235	U	6 pCi/g	0	6	DNT
SVOA					
1,2,4-Trichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg		0.5	SW846-8270 M
Diethyl phthalate		2.8 mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.44 mg/kg	0.44	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Chloroethane	U	0.01 mg/kg	0.01	SW846-8260
Chloroform	UY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.44 mg/kg	0.44	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.44 mg/kg	0.44	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.44 mg/kg	0.44	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.44 mg/kg	0.44	SW846-8021 M
Vinyl chloride	JU	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004034SA016C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8540	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	N	45.1	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1550	mg/kg		50	SW846-6010A
Chromium		13.9	mg/kg		2	SW846-6010A
Cobalt		2.03	mg/kg		1	SW846-6010A
Copper		5.32	mg/kg		2	SW846-6010A
Iron	*NW	6890	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1310	mg/kg		15	SW846-6010A
Manganese	N	28.5	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.76	mg/kg		5	SW846-6010A
Potassium	N	341	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		401	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		10.8	mg/kg		2	SW846-6010A
Zinc		24.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		16.2	pCi/g	6.3	7.6	SW846-9310
Americium-241	U	5.4	pCi/g	0	5.4	DNT
Beta activity		22.8	pCi/g	5.6	8.1	SW846-9310
Cesium-137	U	0.88	pCi/g	0	0.88	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.561	pCi/g	0.889	4.43	RL-7116
Thorium-234	U	5.1	pCi/g	0	5.1	DNT
Uranium-235	U	7	pCi/g	0	7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.419	mg/kg	0.419	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	UY	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.419	mg/kg	0.419	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.419	mg/kg	0.419	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.419	mg/kg	0.419	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.419	mg/kg	0.419	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004-034

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004034SA025C

Collected: 7/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		20.2	pCi/g	6.8	7.8	SW846-9310
Americium-241	U	1.6	pCi/g	0	1.6	DNT
Beta activity		18.1	pCi/g	5.7	8.6	SW846-9310
Cesium-137	U	1.7	pCi/g	0	1.7	DNT
Cobalt-60	U	0.76	pCi/g	0	0.76	DNT
Protactinium-234m	U	100	pCi/g	0	100	DNT
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	4.5	pCi/g	0	4.5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.023	mg/kg		0.023	OA33499026
1,1-Dichloroethene	U	0.317	mg/kg		0.317	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	UY	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene		0.66	mg/kg		0.23	OA33499026
cis-1,2-Dichloroethene	U	0.317	mg/kg		0.317	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.317	mg/kg		0.317	SW846-8021 M
trans-1,2-Dichloroethene	U	0.23	mg/kg		0.23	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.317	mg/kg		0.317	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene		0.053	mg/kg	0.0023	OA33499026
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.317	mg/kg	0.317	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026

004-034

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004034SD016C

Collected: 7/21/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		15.9	pCi/g	6.5	8.3	SW846-9310
Americium-241	U	8.7	pCi/g	0	8.7	DNT
Beta activity		21.4	pCi/g	4.8	6.6	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	8.1	pCi/g	0	8.1	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.337	mg/kg		0.337	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	U	0.01	mg/kg		0.01	SW846-8260
Chloroform	UY	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.337	mg/kg		0.337	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.337	mg/kg		0.337	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.337	mg/kg		0.337	SW846-8021 M
Vinyl chloride	U	0.337	mg/kg		0.337	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004-035

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004035SA005C

Collected: 8/7/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12900	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		59.7	mg/kg		1	SW846-6010A
Beryllium		0.9	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	3750	mg/kg		50	SW846-6010A
Chromium		29.2	mg/kg		2	SW846-6010A
Cobalt		6.87	mg/kg		1	SW846-6010A
Copper		14.6	mg/kg		2	SW846-6010A
Iron	*NX	30200	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1160	mg/kg		15	SW846-6010A
Manganese		292	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		16.9	mg/kg		5	SW846-6010A
Potassium	N	663	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		364	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		30.8	mg/kg		2	SW846-6010A
Zinc		51.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	1.08	mg/kg		1.08	SW846-8082 M
PCB-1221	U	1.08	mg/kg		1.08	SW846-8082 M
PCB-1232	U	1.08	mg/kg		1.08	SW846-8082 M
PCB-1242	U	1.08	mg/kg		1.08	SW846-8082 M
PCB-1248	U	1.08	mg/kg		1.08	SW846-8082 M
PCB-1254		10.3	mg/kg		1.08	SW846-8082 M
PCB-1260	U	1.08	mg/kg		1.08	SW846-8082 M
RADS						
Alpha activity		173	pCi/g	17	13	SW846-9310
Americium-241	A	0.0279	pCi/g	0.0558	0.329	RL-7124
Americium-241	U	15	pCi/g	0	15	DNT
Beta activity		186	pCi/g	8.6	6.7	SW846-9310
Cesium-137	U	0.96	pCi/g	0	0.96	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Neptunium-237		1.02	pCi/g	0.102	0.0792	RL-7124
Plutonium-239/240		0.152	pCi/g	0.0428	0.0817	RL-7120
Protactinium-234m		380	pCi/g	313	173	DNT
Radium-226		0.785	pCi/g	0.0428	0.394	RL-7124
Technetium-99		5.7	pCi/g	3.37	4.27	RL-7116
Thorium-234		72.6	pCi/g	145	3.3	RL-7124
Thorium-234		158	pCi/g	45	34	DNT
Uranium		114	pCi/g	20.1	3.14	RL-7124
Uranium-234		36.5	pCi/g	6.45	1	RL-7124
Uranium-235	U	7.7	pCi/g	0	7.7	DNT
Uranium-235		0.45	wt %	0.04		RL-7124

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Uranium-235	0.404	wt %			AS7300
Uranium-238	75	pCi/g	3.24	2.06	RL-7124
SVOA					
1,2,4-Trichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	J	0.251	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	U	0.294 mg/kg	0.294	SW846-8021 M
1,2-Dichloroethane	JUY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01 mg/kg	0.01	SW846-8260
Acetone	JU	0.01 mg/kg	0.01	SW846-8260
Benzene	JUY	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Bromoform	JU	0.01 mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	JUY	0.01 mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01 mg/kg	0.01	SW846-8260
Chloroform	JUY	0.01 mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.294 mg/kg	0.294	SW846-8021 M
cis-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	JU	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Toluene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.294 mg/kg	0.294	SW846-8021 M
trans-1,3-Dichloropropene	JU	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.294 mg/kg	0.294	SW846-8021 M
Trichloroethene	JUY	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.294 mg/kg	0.294	SW846-8021 M
Vinyl chloride	JUY	0.01 mg/kg	0.01	SW846-8260
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004035SA010C

Collected: 8/7/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	14600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		94.9	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1420	mg/kg		50	SW846-6010A
Chromium		17.3	mg/kg		2	SW846-6010A
Cobalt		5.66	mg/kg		1	SW846-6010A
Copper		15.2	mg/kg		2	SW846-6010A
Iron	*NW	15500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1840	mg/kg		15	SW846-6010A
Manganese		126	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.7	mg/kg		5	SW846-6010A
Potassium	N	574	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		410	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		26	mg/kg		2	SW846-6010A
Zinc		56.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1248	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		21.4	pCi/g	6.5	6.8	SW846-9310
Americium-241	U	7.6	pCi/g	0	7.6	DNT
Beta activity		24.6	pCi/g	3.8	4.8	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.173	pCi/g	0.402	4.27	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT

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Contingency WAG 3 - SWMU 4

Uranium-235	U	6.5	pCi/g	0	6.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

004-035**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.399 mg/kg	0.399	SW846-8021 M
cis-1,2-Dichloroethene		0.48 mg/kg	0.399	SW846-8021 M
trans-1,2-Dichloroethene	U	0.399 mg/kg	0.399	SW846-8021 M
Trichloroethene	U	0.399 mg/kg	0.399	SW846-8021 M
Vinyl chloride	U	0.399 mg/kg	0.399	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004035SA015C

Collected: 8/7/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	15800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		92.1	mg/kg		1	SW846-6010A
Beryllium		0.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1650	mg/kg		50	SW846-6010A
Chromium		18.6	mg/kg		2	SW846-6010A
Cobalt		3.99	mg/kg		1	SW846-6010A
Copper		7.44	mg/kg		2	SW846-6010A
Iron	*NW	11700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1780	mg/kg		15	SW846-6010A
Manganese		83.1	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.4	mg/kg		5	SW846-6010A
Potassium	N	606	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		441	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		30.9	mg/kg		2	SW846-6010A
Zinc		33	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity		15.7	pCi/g	5.8	7	SW846-9310
Americium-241	U	9.6	pCi/g	0	9.6	DNT
Beta activity		17.2	pCi/g	3.3	4.4	SW846-9310
Cesium-137	U	0.95	pCi/g	0	0.95	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	5.5	pCi/g	0	5.5	DNT
Uranium-235	U	6.1	pCi/g	0	6.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.333 mg/kg	0.333	SW846-8021 M
cis-1,2-Dichloroethene		0.36 mg/kg	0.333	SW846-8021 M
trans-1,2-Dichloroethene	U	0.333 mg/kg	0.333	SW846-8021 M
Trichloroethene		0.4 mg/kg	0.333	SW846-8021 M
Vinyl chloride	U	0.333 mg/kg	0.333	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004035SA022C

Collected: 8/7/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		26.1	mg/kg		1	SW846-6010A
Beryllium		0.86	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	748	mg/kg		50	SW846-6010A
Chromium		60.8	mg/kg		2	SW846-6010A
Cobalt		5.13	mg/kg		1	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	*N	27800	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	591	mg/kg		15	SW846-6010A
Manganese		88.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	312	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		259	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		52.3	mg/kg		2	SW846-6010A
Zinc		16.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		19.2	pCi/g	6.5	7.4	SW846-9310
Americium-241	U	6.4	pCi/g	0	6.4	DNT
Beta activity		17	pCi/g	3.7	5.2	SW846-9310
Cesium-137	U	0.75	pCi/g	0	0.75	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	7.7	pCi/g	0	7.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.42	mg/kg		0.42	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.42	mg/kg		0.42	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.42	mg/kg		0.42	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.42 mg/kg	0.42	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.42 mg/kg	0.42	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.42 mg/kg	0.42	SW846-8270
2,4-Dichlorophenol	U	0.42 mg/kg	0.42	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.42 mg/kg	0.42	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.42 mg/kg	0.42	SW846-8270
2,4-Dinitrotoluene	U	0.42 mg/kg	0.42	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.42 mg/kg	0.42	SW846-8270
2-Chloronaphthalene	U	0.42 mg/kg	0.42	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.42 mg/kg	0.42	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.42 mg/kg	0.42	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.42 mg/kg	0.42	SW846-8270
2-Methylphenol	U	0.42 mg/kg	0.42	SW846-8270
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.42 mg/kg	0.42	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.42 mg/kg	0.42	SW846-8270
3,3'-Dichlorobenzidine	U	0.42 mg/kg	0.42	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.42 mg/kg	0.42	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.42 mg/kg	0.42	SW846-8270
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.42 mg/kg	0.42	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.42 mg/kg	0.42	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.42 mg/kg	0.42	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.42 mg/kg	0.42	SW846-8270
4-Nitrobenzenamine	U	0.42 mg/kg	0.42	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.42 mg/kg	0.42	SW846-8270
Acenaphthene	U	0.42 mg/kg	0.42	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.42 mg/kg	0.42	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.42 mg/kg	0.42	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.42 mg/kg	0.42	SW846-8270
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

Benzo(a)pyrene	U	0.42 mg/kg	0.42	SW846-8270
Benzo(b)fluoranthene	U	0.42 mg/kg	0.42	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.42 mg/kg	0.42	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.42 mg/kg	0.42	SW846-8270
Bis(2-chloroethoxy)methane	U	0.42 mg/kg	0.42	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.42 mg/kg	0.42	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.42 mg/kg	0.42	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.42 mg/kg	0.42	SW846-8270
Butyl benzyl phthalate	U	0.42 mg/kg	0.42	SW846-8270
Carbazole	U	0.42 mg/kg	0.42	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.42 mg/kg	0.42	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.42 mg/kg	0.42	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.42 mg/kg	0.42	SW846-8270
Diethyl phthalate	U	0.42 mg/kg	0.42	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.42 mg/kg	0.42	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	X	0.59 mg/kg	0.42	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.42 mg/kg	0.42	SW846-8270
Fluoranthene	U	0.42 mg/kg	0.42	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.42 mg/kg	0.42	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.42 mg/kg	0.42	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.42 mg/kg	0.42	SW846-8270
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.42 mg/kg	0.42	SW846-8270
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.42 mg/kg	0.42	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.42 mg/kg	0.42	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.42 mg/kg	0.42	SW846-8270
Naphthalene	U	0.42 mg/kg	0.42	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.42 mg/kg	0.42	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.42 mg/kg	0.42	SW846-8270
N-Nitrosodiphenylamine	U	0.42 mg/kg	0.42	SW846-8270

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270	M
Pentachlorophenol	U	0.42	mg/kg	0.42	SW846-8270	
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270	M
Phenanthrene	U	0.42	mg/kg	0.42	SW846-8270	
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270	M
Phenol	U	0.5	mg/kg	0.5	SW846-8270	M
Phenol	U	0.42	mg/kg	0.42	SW846-8270	
Pyrene	U	0.5	mg/kg	0.5	SW846-8270	M
Pyrene	U	0.42	mg/kg	0.42	SW846-8270	
Pyridine	U	0.42	mg/kg	0.42	SW846-8270	
VOA						
1,1-Dichloroethene	U	0.321	mg/kg	0.321	SW846-8021	M
1,1-Dichloroethene	U	0.017	mg/kg	0.017	OA33499026	
cis-1,2-Dichloroethene		0.414	mg/kg	0.17	OA33499026	
cis-1,2-Dichloroethene	U	0.321	mg/kg	0.321	SW846-8021	M
trans-1,2-Dichloroethene	U	0.321	mg/kg	0.321	SW846-8021	M
trans-1,2-Dichloroethene	U	0.17	mg/kg	0.17	OA33499026	
Trichloroethene		0.82	mg/kg	0.0017	OA33499026	
Trichloroethene		0.45	mg/kg	0.321	SW846-8021	M
Vinyl chloride	U	0.321	mg/kg	0.321	SW846-8021	M
Vinyl chloride	U	10	mg/kg	10	OA33499026	
WETCHEM						
Cyanide	U	1	mg/kg	1	SW846-9014	

004035SD015C

Collected: 8/7/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1-Dichloroethene	U	0.286	mg/kg		0.286	SW846-8021 M
cis-1,2-Dichloroethene		0.41	mg/kg		0.286	SW846-8021 M
trans-1,2-Dichloroethene		0.45	mg/kg		0.286	SW846-8021 M
Trichloroethene	U	0.286	mg/kg		0.286	SW846-8021 M
Vinyl chloride	U	0.286	mg/kg		0.286	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004036SA005C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9580	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	17.1	mg/kg		5	SW846-7060
Barium		111	mg/kg		1	SW846-6010A
Beryllium		0.85	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	756	mg/kg		50	SW846-6010A
Chromium		15.3	mg/kg		2	SW846-6010A
Cobalt		8.46	mg/kg		1	SW846-6010A
Copper		10.9	mg/kg		2	SW846-6010A
Iron	*NW	21000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	935	mg/kg		15	SW846-6010A
Manganese		1140	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.52	mg/kg		5	SW846-6010A
Potassium	N	552	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		313	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		33.6	mg/kg		2	SW846-6010A
Zinc		30.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		23.3	pCi/g	7.7	8.7	SW846-9310
Americium-241	U	7.2	pCi/g	0	7.2	DNT
Beta activity		40.7	pCi/g	6	7.3	SW846-9310
Cesium-137	U	2.5	pCi/g	0	2.5	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99		6.37	pCi/g	3.32	4.27	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	5.4	pCi/g	0	5.4	DNT
VOA						
1,1-Dichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
cis-1,2-Dichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
trans-1,2-Dichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
Trichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
Vinyl chloride	U	0.316	mg/kg		0.316	SW846-8021 M
WETCHEM						
Cyanide	U	1	mg/kg		1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004-036

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004036SA010C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	19000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		150	mg/kg		1	SW846-6010A
Beryllium		0.58	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1120	mg/kg		50	SW846-6010A
Chromium		19.1	mg/kg		2	SW846-6010A
Cobalt		5.81	mg/kg		1	SW846-6010A
Copper		10.6	mg/kg		2	SW846-6010A
Iron	*NW	22300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1720	mg/kg		15	SW846-6010A
Manganese		458	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.68	mg/kg		5	SW846-6010A
Potassium	N	851	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		383	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		28.9	mg/kg		2	SW846-6010A
Zinc		46.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		9.2	pCi/g	5.4	7.6	SW846-9310
Americium-241	U	7.3	pCi/g	0	7.3	DNT
Beta activity		23.2	pCi/g	4.2	5.3	SW846-9310
Cesium-137	U	0.97	pCi/g	0	0.97	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.196	pCi/g	3.03	4.27	RL-7116
Thorium-234	U	20	pCi/g	0	20	DNT
Uranium-235	U	7.7	pCi/g	0	7.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-036**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.02 mg/kg	0.02	OA33499026
1,1-Dichloroethene	U	0.395 mg/kg	0.395	SW846-8021 M
cis-1,2-Dichloroethene	U	0.395 mg/kg	0.395	SW846-8021 M
cis-1,2-Dichloroethene	U	0.2 mg/kg	0.2	OA33499026
trans-1,2-Dichloroethene	U	0.395 mg/kg	0.395	SW846-8021 M
trans-1,2-Dichloroethene	U	0.2 mg/kg	0.2	OA33499026
Trichloroethene	U	0.395 mg/kg	0.395	SW846-8021 M
Trichloroethene	U	0.002 mg/kg	0.002	OA33499026
Vinyl chloride	U	0.395 mg/kg	0.395	SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004036SA015C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11700	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		68	mg/kg		1	SW846-6010A
Beryllium		0.56	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1310	mg/kg		50	SW846-6010A
Chromium		14.5	mg/kg		2	SW846-6010A
Cobalt		4.96	mg/kg		1	SW846-6010A
Copper		4.96	mg/kg		2	SW846-6010A
Iron	*NW	9330	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1240	mg/kg		15	SW846-6010A
Manganese		347	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.42	mg/kg		5	SW846-6010A
Potassium	N	399	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		401	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		20.5	mg/kg		2	SW846-6010A
Zinc		21	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1221	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1232	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1242	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1248	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1254	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1260	U	0.113	mg/kg		0.113	SW846-8082 M
RADS						
Alpha activity		12.8	pCi/g	5.5	7	SW846-9310
Americium-241	U	9.5	pCi/g	0	9.5	DNT
Beta activity		13.9	pCi/g	3.2	4.3	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	1.29	pCi/g	3.01	4.27	RL-7116
Thorium-234	U	23	pCi/g	0	23	DNT
Uranium-235	U	8	pCi/g	0	8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
cis-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
trans-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Trichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	0.353	mg/kg	0.353	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004-036

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004036SA022C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8780	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		33.6	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	898	mg/kg		50	SW846-6010A
Chromium		8.06	mg/kg		2	SW846-6010A
Cobalt		6.29	mg/kg		1	SW846-6010A
Copper		3.05	mg/kg		2	SW846-6010A
Iron	*NW	9300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	792	mg/kg		15	SW846-6010A
Manganese		232	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	246	mg/kg		100	SW846-6010A
Selenium	*NUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		361	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.6	mg/kg		2	SW846-6010A
Zinc		15.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		17	pCi/g	6.9	8.4	SW846-9310
Americium-241	U	4.6	pCi/g	0	4.6	DNT
Beta activity		16.9	pCi/g	5.7	8.4	SW846-9310
Cesium-137	U	0.75	pCi/g	0	0.75	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	11	pCi/g	0	11	DNT
Uranium-235	U	2	pCi/g	0	2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-036

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.315 mg/kg	0.315	SW846-8021 M
cis-1,2-Dichloroethene	U	0.315 mg/kg	0.315	SW846-8021 M
trans-1,2-Dichloroethene	U	0.315 mg/kg	0.315	SW846-8021 M
Trichloroethene	U	0.315 mg/kg	0.315	SW846-8021 M
Vinyl chloride	U	0.315 mg/kg	0.315	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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004-037

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004037SA005C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	16300	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	6.96	mg/kg		5	SW846-7060
Barium	*N	199	mg/kg		1	SW846-6010A
Beryllium		0.76	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1350	mg/kg		50	SW846-6010A
Chromium		18.4	mg/kg		2	SW846-6010A
Cobalt		13	mg/kg		1	SW846-6010A
Copper		11.2	mg/kg		2	SW846-6010A
Iron	NW	23200	mg/kg		5	SW846-6010A
Lead	N	30.2	mg/kg		20	SW846-6010A
Magnesium	N	1560	mg/kg		15	SW846-6010A
Manganese	NW	1520	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.61	mg/kg		5	SW846-6010A
Potassium	N	788	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	356	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		29	mg/kg		2	SW846-6010A
Zinc		49.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1221	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1232	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1242	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1248	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1254	U	0.117	mg/kg		0.117	SW846-8082 M
PCB-1260	U	0.117	mg/kg		0.117	SW846-8082 M
RADS						
Alpha activity		32.9	pCi/g	8	7.9	SW846-9310
Americium-241	U	8	pCi/g	0	8	DNT
Beta activity		36	pCi/g	4.7	5.6	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	5.7	pCi/g	0	5.7	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0.722	pCi/g	3.46	4.27	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	2.8	pCi/g	0	2.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
cis-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
trans-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Trichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	0.353	mg/kg	0.353	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004037SA010C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10700	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	110	mg/kg		1	SW846-6010A
Beryllium		0.65	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	993	mg/kg		50	SW846-6010A
Chromium		14.6	mg/kg		2	SW846-6010A
Cobalt		5.45	mg/kg		1	SW846-6010A
Copper		12	mg/kg		2	SW846-6010A
Iron	NW	15600	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1930	mg/kg		15	SW846-6010A
Manganese	NW	261	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		13.8	mg/kg		5	SW846-6010A
Potassium	N	702	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	282	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		27.8	mg/kg		2	SW846-6010A
Zinc		48.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		15.8	pCi/g	6.8	9	SW846-9310
Americium-241	U	8.8	pCi/g	0	8.8	DNT
Beta activity		22.4	pCi/g	4.6	6.2	SW846-9310
Cesium-137	U	3.1	pCi/g	0	3.1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-037**ERI99-W3C-4****Contingency WAG 3 - SWMU 4****VOA**

1,1-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
cis-1,2-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
trans-1,2-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
Trichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
Vinyl chloride	U	0.395	mg/kg	0.395	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004037SA015C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	60.5	mg/kg		1	SW846-6010A
Beryllium		0.52	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1070	mg/kg		50	SW846-6010A
Chromium		15.8	mg/kg		2	SW846-6010A
Cobalt		4.32	mg/kg		1	SW846-6010A
Copper		4.47	mg/kg		2	SW846-6010A
Iron	NW	10300	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1050	mg/kg		15	SW846-6010A
Manganese	NW	250	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.16	mg/kg		5	SW846-6010A
Potassium	N	269	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	342	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21	mg/kg		2	SW846-6010A
Zinc		18.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		17.5	pCi/g	7.8	10	SW846-9310
Alpha activity		5.2	pCi/g	0.89	0.85	RL-7111
Americium-241	U	5.9	pCi/g	0	5.9	DNT
Beta activity		15.8	pCi/g	5.8	8.8	SW846-9310
Beta activity		3.75	pCi/g	0.4	0.83	RL-7111
Cesium-137	U	0.96	pCi/g	0	0.96	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	7.6	pCi/g	0	7.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg		0.49	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,3-Dichlorobenzene	U	0.49 mg/kg	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.49 mg/kg	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49 mg/kg	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.49 mg/kg	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.49 mg/kg	0.49	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.49 mg/kg	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49 mg/kg	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.49 mg/kg	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.49 mg/kg	0.49	SW846-8270
2-Chloronaphthalene	U	0.49 mg/kg	0.49	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.49 mg/kg	0.49	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.49 mg/kg	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.49 mg/kg	0.49	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.49 mg/kg	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49 mg/kg	0.49	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.49 mg/kg	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49 mg/kg	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.49 mg/kg	0.49	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.49 mg/kg	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49 mg/kg	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.49 mg/kg	0.49	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.49 mg/kg	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.49 mg/kg	0.49	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.49 mg/kg	0.49	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.49 mg/kg	0.49	SW846-8270
Acenaphthene	U	0.49 mg/kg	0.49	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.49 mg/kg	0.49	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.49 mg/kg	0.49	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.49 mg/kg	0.49	SW846-8270

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Contingency WAG 3 - SWMU 4

Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0.49	SW846-8270
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0.49	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.49	mg/kg	0.49	SW846-8270
Dibenz(a,h)anthracene	U	0.49	mg/kg	0.49	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.49	mg/kg	0.49	SW846-8270
Diethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.49	mg/kg	0.49	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	X	0.75	mg/kg	0.49	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.49	mg/kg	0.49	SW846-8270
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.49	mg/kg	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0.49	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.49	mg/kg	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0.49	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0.49	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.49	mg/kg	0.49	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.49	mg/kg	0.49	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0.49	SW846-8270

004-037**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.49 mg/kg	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.49 mg/kg	0.49	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.49 mg/kg	0.49	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.49 mg/kg	0.49	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.49 mg/kg	0.49	SW846-8270
Pyridine	U	0.49 mg/kg	0.49	SW846-8270
VOA				
1,1-Dichloroethene	U	0.35 mg/kg	0.35	SW846-8021 M
cis-1,2-Dichloroethene	U	0.35 mg/kg	0.35	SW846-8021 M
trans-1,2-Dichloroethene	U	0.35 mg/kg	0.35	SW846-8021 M
Trichloroethene	U	0.35 mg/kg	0.35	SW846-8021 M
Vinyl chloride	U	0.35 mg/kg	0.35	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004037SA022C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	26.8	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1480	mg/kg		50	SW846-6010A
Chromium		10.4	mg/kg		2	SW846-6010A
Cobalt		1.8	mg/kg		1	SW846-6010A
Copper		2.35	mg/kg		2	SW846-6010A
Iron	NW	3980	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	918	mg/kg		15	SW846-6010A
Manganese	NW	141	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	225	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	324	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		6.9	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		14.3	pCi/g	6.7	9.1	SW846-9310
Americium-241	U	6.7	pCi/g			DNT
Beta activity		13.9	pCi/g	4.2	6.2	SW846-9310
Cesium-137	U	1.1	pCi/g			DNT
Cobalt-60	U	5.8	pCi/g			DNT
Protactinium-234m	U	200	pCi/g			DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	19	pCi/g			DNT

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Contingency WAG 3 - SWMU 4

Uranium-235	U	7 pCi/g	DNT
SVOA			
1,2,4-Trichlorobenzene	U	0.5 mg/kg	0.5 SW846-8270 M
1,2-Dichlorobenzene	U	0.5 mg/kg	0.5 SW846-8270 M
1,3-Dichlorobenzene	U	0.5 mg/kg	0.5 SW846-8270 M
1,4-Dichlorobenzene	U	0.5 mg/kg	0.5 SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5 SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5 SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5 SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5 SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5 SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5 SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5 SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5 SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5 SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5 SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5 SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5 SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5 SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5 SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5 SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5 SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5 SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5 SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5 SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5 SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5 SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5 SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5 SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5 SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5 SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5 SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5 SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5 SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5 SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5 SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5 SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5 SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5 SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5 SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5 SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5 SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5 SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5 SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5 SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5 SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5 SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5 SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5 SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5 SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5 SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5 SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5 SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5 SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5 SW846-8270 M

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Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
cis-1,2-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
trans-1,2-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
Trichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
Vinyl chloride	U	0.377 mg/kg	0.377	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004037SA030C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6320	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	12.8	mg/kg		1	SW846-6010A
Beryllium		0.76	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	540	mg/kg		50	SW846-6010A
Chromium		13.8	mg/kg		2	SW846-6010A
Cobalt		4.36	mg/kg		1	SW846-6010A
Copper		4.55	mg/kg		2	SW846-6010A
Iron	NW	22900	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	267	mg/kg		15	SW846-6010A
Manganese	NW	34.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	208	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	261	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		34.1	mg/kg		2	SW846-6010A
Zinc		15.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		17.3	pCi/g	6.7	8.2	SW846-9310
Americium-241	U	2.8	pCi/g	0	2.8	DNT
Beta activity		17.3	pCi/g	4.5	6.4	SW846-9310
Cesium-137	U	3	pCi/g	0	3	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	7.9	pCi/g	0	7.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
cis-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
trans-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Trichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	0.353	mg/kg	0.353	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004037SA045C

Collected: 8/9/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
cis-1,2-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
trans-1,2-Dichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
Trichloroethene	U	0.289	mg/kg		0.289	SW846-8021 M
Vinyl chloride	U	0.289	mg/kg		0.289	SW846-8021 M

004-038

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004038SA005C

Collected: 8/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	77.9	mg/kg		1	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1680	mg/kg		50	SW846-6010A
Chromium		14.4	mg/kg		2	SW846-6010A
Cobalt		3.31	mg/kg		1	SW846-6010A
Copper		24.7	mg/kg		2	SW846-6010A
Iron	NW	19600	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1110	mg/kg		15	SW846-6010A
Manganese	NW	177	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		20.4	mg/kg		5	SW846-6010A
Potassium	N	485	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	360	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.9	mg/kg		2	SW846-6010A
Zinc		42.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254		0.308	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		41	pCi/g	10	9.9	SW846-9310
Americium-241	A	0.0302	pCi/g	0.0605	0.221	RL-7124
Americium-241	U	9.1	pCi/g	0	9.1	DNT
Beta activity		46.6	pCi/g	7.2	8.9	SW846-9310
Cesium-137	U	0.96	pCi/g	0	0.96	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Neptunium-237		0.34	pCi/g	0.0697	0.0863	RL-7124
Plutonium-239/240	A	0.0226	pCi/g	0.0233	0.081	RL-7120
Protactinium-234m	U	170	pCi/g	0	170	DNT
Radium-226		2.28	pCi/g	4.56	0.724	RL-7124
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	16	pCi/g	19	19	DNT
Thorium-234		13.5	pCi/g	1.02	0.897	RL-7124
Uranium		23.8	pCi/g	6.35	2.87	RL-7124
Uranium-234		8.18	pCi/g	2.19	0.985	RL-7124
Uranium-235		0.48	wt %	0.04		RL-7124
Uranium-235		0.444	wt %			AS7300

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Contingency WAG 3 - SWMU 4

Uranium-235	U	6.2	pCi/g	0	6.2	DNT
Uranium-238		15.1	pCi/g	2.5	1.82	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.41	mg/kg		0.41	SW846-8270
2,4,5-Trichlorophenol	U	0.41	mg/kg		0.41	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.41	mg/kg		0.41	SW846-8270
2,4-Dichlorophenol	U	0.41	mg/kg		0.41	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.41	mg/kg		0.41	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.41	mg/kg		0.41	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.41	mg/kg		0.41	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.41	mg/kg		0.41	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.41	mg/kg		0.41	SW846-8270
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.41	mg/kg		0.41	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.41	mg/kg		0.41	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.41	mg/kg		0.41	SW846-8270
2-Methylphenol	U	0.41	mg/kg		0.41	SW846-8270
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.41	mg/kg		0.41	SW846-8270
2-Nitrophenol	U	0.41	mg/kg		0.41	SW846-8270
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.41	mg/kg		0.41	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.41	mg/kg		0.41	SW846-8270
4-Bromophenyl phenyl ether	U	0.41	mg/kg		0.41	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.41	mg/kg		0.41	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.41	mg/kg		0.41	SW846-8270
4-Chlorophenyl phenyl ether	U	0.41	mg/kg		0.41	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.41	mg/kg		0.41	SW846-8270
4-Nitrobenzenamine	U	0.41	mg/kg		0.41	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

4-Nitrophenol	U	0.41 mg/kg	0.41	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.41 mg/kg	0.41	SW846-8270
Acenaphthylene	U	0.41 mg/kg	0.41	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.41 mg/kg	0.41	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.41 mg/kg	0.41	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.41 mg/kg	0.41	SW846-8270
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.41 mg/kg	0.41	SW846-8270
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.41 mg/kg	0.41	SW846-8270
Benzo(k)fluoranthene	U	0.41 mg/kg	0.41	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.41 mg/kg	0.41	SW846-8270
Bis(2-chloroethyl) ether	U	0.41 mg/kg	0.41	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.41 mg/kg	0.41	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.41 mg/kg	0.41	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.41 mg/kg	0.41	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.41 mg/kg	0.41	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.41 mg/kg	0.41	SW846-8270
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.41 mg/kg	0.41	SW846-8270
Dibenzofuran	U	0.41 mg/kg	0.41	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.41 mg/kg	0.41	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.41 mg/kg	0.41	SW846-8270
Di-n-butyl phthalate	X	0.6 mg/kg	0.41	SW846-8270
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.41 mg/kg	0.41	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.41 mg/kg	0.41	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.41 mg/kg	0.41	SW846-8270
Hexachlorobenzene	U	0.41 mg/kg	0.41	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.41 mg/kg	0.41	SW846-8270
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.41 mg/kg	0.41	SW846-8270
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.41 mg/kg	0.41	SW846-8270

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.41 mg/kg	0.41	SW846-8270
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.41 mg/kg	0.41	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.41 mg/kg	0.41	SW846-8270
Nitrobenzene	U	0.41 mg/kg	0.41	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.41 mg/kg	0.41	SW846-8270
N-Nitrosodiphenylamine	U	0.41 mg/kg	0.41	SW846-8270
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.41 mg/kg	0.41	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.41 mg/kg	0.41	SW846-8270
Phenol	U	0.41 mg/kg	0.41	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.41 mg/kg	0.41	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.41 mg/kg	0.41	SW846-8270
VOA				
1,1-Dichloroethene	U	0.366 mg/kg	0.366	SW846-8021 M
cis-1,2-Dichloroethene	U	0.366 mg/kg	0.366	SW846-8021 M
trans-1,2-Dichloroethene	U	0.366 mg/kg	0.366	SW846-8021 M
Trichloroethene	U	0.366 mg/kg	0.366	SW846-8021 M
Vinyl chloride	U	0.366 mg/kg	0.366	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004038SA010C

Collected: 8/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	313	mg/kg		1	SW846-6010A
Beryllium		0.79	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2430	mg/kg		50	SW846-6010A
Chromium		16	mg/kg		2	SW846-6010A
Cobalt		8.04	mg/kg		1	SW846-6010A
Copper		17.4	mg/kg		2	SW846-6010A
Iron	NW	13400	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	2590	mg/kg		15	SW846-6010A
Manganese	NW	126	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		25.7	mg/kg		5	SW846-6010A
Potassium	N	735	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	508	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		27	mg/kg		2	SW846-6010A
Zinc		79.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		17.7	pCi/g	7	8.6	SW846-9310
Americium-241	U	5.6	pCi/g	0	5.6	DNT
Beta activity		18.5	pCi/g	4.8	6.8	SW846-9310
Cesium-137	U	0.92	pCi/g	0	0.92	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT

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Contingency WAG 3 - SWMU 4

Uranium-235	U	7.3	pCi/g	0	7.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

004-038**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
cis-1,2-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
trans-1,2-Dichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
Trichloroethene	U	0.377 mg/kg	0.377	SW846-8021 M
Vinyl chloride	U	0.377 mg/kg	0.377	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004038SA015C

Collected: 8/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6450	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	37	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1140	mg/kg		50	SW846-6010A
Chromium		9.29	mg/kg		2	SW846-6010A
Cobalt		4.43	mg/kg		1	SW846-6010A
Copper		4.8	mg/kg		2	SW846-6010A
Iron	NW	5010	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	948	mg/kg		15	SW846-6010A
Manganese	NW	36.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.44	mg/kg		5	SW846-6010A
Potassium	N	217	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	303	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.3	mg/kg		2	SW846-6010A
Zinc		20	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		16.5	pCi/g	6.5	8.1	SW846-9310
Alpha activity		4.82	pCi/g	0.85	0.85	RL-7111
Americium-241	U	6.4	pCi/g	0	6.4	DNT
Beta activity		4.04	pCi/g	0.42	0.83	RL-7111
Beta activity		35.1	pCi/g	5	5.9	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	8.4	pCi/g	0	8.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-038**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.38 mg/kg	0.38	SW846-8021 M
cis-1,2-Dichloroethene	U	0.38 mg/kg	0.38	SW846-8021 M
trans-1,2-Dichloroethene	U	0.38 mg/kg	0.38	SW846-8021 M
Trichloroethene	U	0.38 mg/kg	0.38	SW846-8021 M
Vinyl chloride	U	0.38 mg/kg	0.38	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004038SA022C

Collected: 8/10/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7740	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	42.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	3540	mg/kg		50	SW846-6010A
Chromium		13.3	mg/kg		2	SW846-6010A
Cobalt		4.29	mg/kg		1	SW846-6010A
Copper		4.2	mg/kg		2	SW846-6010A
Iron	NW	6270	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	860	mg/kg		15	SW846-6010A
Manganese	NW	339	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.3	mg/kg		5	SW846-6010A
Potassium	N	257	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	371	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		16.9	mg/kg		2	SW846-6010A
Zinc		20.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1221	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1232	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1242	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1248	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1254	U	0.098	mg/kg		0.098	SW846-8082 M
PCB-1260	U	0.098	mg/kg		0.098	SW846-8082 M
RADS						
Alpha activity		12.2	pCi/g	5.4	6.9	SW846-9310
Americium-241	U	3	pCi/g	0	3	DNT
Beta activity		18.5	pCi/g	3.7	4.9	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	6	pCi/g	0	6	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
VOA						
1,1-Dichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
1,1-Dichloroethene	U	0.014	mg/kg		0.014	OA33499026
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,2-Dichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
trans-1,2-Dichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
trans-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
Trichloroethene		0.0064	mg/kg		0.0014	OA33499026

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Trichloroethene	U	0.311	mg/kg	0.311	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.311	mg/kg	0.311	SW846-8021 M

004-039

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004039SA006C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254		0.908	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		54	pCi/g	10	9.9	SW846-9310
Americium-241	U	11	pCi/g	0	11	DNT
Beta activity		59.4	pCi/g	5.7	6	SW846-9310
Cesium-137	U	3.1	pCi/g	0	3.1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	1.85	pCi/g	5.22	4.03	RL-7116
Thorium-234		79	pCi/g	34	31	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
VOA						
1,1-Dichloroethene	U	0.325	mg/kg		0.325	SW846-8021 M
cis-1,2-Dichloroethene	U	0.325	mg/kg		0.325	SW846-8021 M
trans-1,2-Dichloroethene	U	0.325	mg/kg		0.325	SW846-8021 M
Trichloroethene	U	0.325	mg/kg		0.325	SW846-8021 M
Vinyl chloride	U	0.325	mg/kg		0.325	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004039SA015C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8850	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	52.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2290	mg/kg		50	SW846-6010A
Chromium		14.1	mg/kg		2	SW846-6010A
Cobalt		2.46	mg/kg		1	SW846-6010A
Copper		7.77	mg/kg		2	SW846-6010A
Iron	NW	8230	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	2160	mg/kg		15	SW846-6010A
Manganese	NW	42.6	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.38	mg/kg		5	SW846-6010A
Potassium	N	621	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	400	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.6	mg/kg		2	SW846-6010A
Zinc		49.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1221	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		21.5	pCi/g	7.2	8.7	SW846-9310
Americium-241	U	7.2	pCi/g	0	7.2	DNT
Beta activity		24.3	pCi/g	4.2	5.5	SW846-9310
Cesium-137	U	0.84	pCi/g	0	0.84	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Uranium-235	U	6.7	pCi/g	0	6.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1-Dichloroethene	U	0.351	mg/kg	0.351	SW846-8021 M
cis-1,2-Dichloroethene	U	0.351	mg/kg	0.351	SW846-8021 M
trans-1,2-Dichloroethene	U	0.351	mg/kg	0.351	SW846-8021 M
Trichloroethene	U	0.351	mg/kg	0.351	SW846-8021 M
Vinyl chloride	U	0.351	mg/kg	0.351	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004039SA025C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		23.2	pCi/g	8.1	10	SW846-9310
Americium-241	U	5.9	pCi/g	0	5.9	DNT
Beta activity		22.1	pCi/g	5.2	7.3	SW846-9310
Cesium-137	U	0.97	pCi/g	0	0.97	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	6.2	pCi/g	0	6.2	DNT
VOA						
1,1-Dichloroethene	U	0.321	mg/kg		0.321	SW846-8021 M
1,1-Dichloroethene	U	0.013	mg/kg		0.013	OA33499026
cis-1,2-Dichloroethene	U	0.321	mg/kg		0.321	SW846-8021 M
cis-1,2-Dichloroethene	U	0.13	mg/kg		0.13	OA33499026
trans-1,2-Dichloroethene	U	0.321	mg/kg		0.321	SW846-8021 M
trans-1,2-Dichloroethene	U	0.13	mg/kg		0.13	OA33499026
Trichloroethene	U	0.321	mg/kg		0.321	SW846-8021 M
Trichloroethene	U	0.0013	mg/kg		0.0013	OA33499026
Vinyl chloride	U	10	mg/kg		10	OA33499026
Vinyl chloride	U	0.321	mg/kg		0.321	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004039SA035C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7810	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	15.2	mg/kg		1	SW846-6010A
Beryllium		0.58	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1010	mg/kg		50	SW846-6010A
Chromium		9.49	mg/kg		2	SW846-6010A
Cobalt		2.19	mg/kg		1	SW846-6010A
Copper		4	mg/kg		2	SW846-6010A
Iron	NW	16100	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	212	mg/kg		15	SW846-6010A
Manganese	NW	48.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	263	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	203	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		26.8	mg/kg		2	SW846-6010A
Zinc		16	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		21.7	pCi/g	7.6	9.1	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		15.3	pCi/g	4.7	6.9	SW846-9310
Cesium-137	U	2.9	pCi/g	0	2.9	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	5.7	pCi/g	0	5.7	DNT
Uranium-235	U	2.6	pCi/g	0	2.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1-Dichloroethene	U	0.413	mg/kg	0.413	SW846-8021 M
cis-1,2-Dichloroethene	U	0.413	mg/kg	0.413	SW846-8021 M
trans-1,2-Dichloroethene	U	0.413	mg/kg	0.413	SW846-8021 M
Trichloroethene	U	0.413	mg/kg	0.413	SW846-8021 M
Vinyl chloride	U	0.413	mg/kg	0.413	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004039SD015C

Collected: 8/11/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1-Dichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
cis-1,2-Dichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
trans-1,2-Dichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
Trichloroethene	U	0.311	mg/kg		0.311	SW846-8021 M
Vinyl chloride	U	0.311	mg/kg		0.311	SW846-8021 M

004-040

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004040SA006C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10400	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	105	mg/kg		1	SW846-6010A
Beryllium		0.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2160	mg/kg		50	SW846-6010A
Chromium		12.9	mg/kg		2	SW846-6010A
Cobalt		5.58	mg/kg		1	SW846-6010A
Copper		34.4	mg/kg		2	SW846-6010A
Iron	NW	12300	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1280	mg/kg		15	SW846-6010A
Manganese	NW	131	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		39.6	mg/kg		5	SW846-6010A
Potassium	N	1220	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	444	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.5	mg/kg		2	SW846-6010A
Zinc		53.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016		2.5	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254		1.3	mg/kg		0.1	SW846-8082
PCB-1260		0.5	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		4.3	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		66.36	pCi/g	3.11	0.85	RL-7111
Americium-241	A	0.12	pCi/g	0.24	0.315	RL-7124
Beta activity		131.99	pCi/g	2.72	0.83	RL-7111
Neptunium-237		1.14	pCi/g	0.124	0.107	RL-7124
Plutonium-239/240		0.39	pCi/g	0.0635	0.0815	RL-7120
Radium-226		2.5	pCi/g	5.01	0.817	RL-7124
Technetium-99		29.4	pCi/g	4.33	4.27	RL-7116
Thorium-230		2.06	pCi/g	0.245	0.268	RL-7120
Thorium-234		33.7	pCi/g	1.22	1.31	RL-7124
Uranium		65.1	pCi/g	12.7	3.32	RL-7124
Uranium-234		24.7	pCi/g	4.82	1.25	RL-7124
Uranium-235		0.54	wt %	0.05		RL-7124
Uranium-235		0.495	wt %			AS7300
Uranium-238		39	pCi/g	2.9	1.97	RL-7124

SVOA

004-040

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,2,4-Trichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
1,2-Dichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
1,3-Dichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
1,4-Dichlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
2,4,5-Trichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4,6-Trichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dimethylphenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dinitrophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dinitrotoluene	U	0.45	mg/kg	0.45	SW846-8270
2,6-Dinitrotoluene	U	0.45	mg/kg	0.45	SW846-8270
2-Chloronaphthalene	U	0.45	mg/kg	0.45	SW846-8270
2-Chlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.45	mg/kg	0.45	SW846-8270
2-Methylnaphthalene	U	0.45	mg/kg	0.45	SW846-8270
2-Methylphenol	U	0.45	mg/kg	0.45	SW846-8270
2-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
2-Nitrophenol	U	0.45	mg/kg	0.45	SW846-8270
3,3'-Dichlorobenzidine	U	0.45	mg/kg	0.45	SW846-8270
3-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Bromophenyl phenyl ether	U	0.45	mg/kg	0.45	SW846-8270
4-Chloro-3-methylphenol	U	0.45	mg/kg	0.45	SW846-8270
4-Chlorobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Chlorophenyl phenyl ether	U	0.45	mg/kg	0.45	SW846-8270
4-Methylphenol	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrophenol	U	0.45	mg/kg	0.45	SW846-8270
Acenaphthene	U	0.45	mg/kg	0.45	SW846-8270
Acenaphthylene	U	0.45	mg/kg	0.45	SW846-8270
Anthracene	U	0.45	mg/kg	0.45	SW846-8270
Benz(a)anthracene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(a)pyrene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(b)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(ghi)perylene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(k)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethoxy)methane	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.45	mg/kg	0.45	SW846-8270
Butyl benzyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Carbazole	U	0.45	mg/kg	0.45	SW846-8270
Chrysene	U	0.45	mg/kg	0.45	SW846-8270
Dibenz(a,h)anthracene	U	0.45	mg/kg	0.45	SW846-8270
Dibenzofuran	U	0.45	mg/kg	0.45	SW846-8270
Diethyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Dimethyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Di-n-butyl phthalate	X	0.78	mg/kg	0.45	SW846-8270
Di-n-octylphthalate	U	0.45	mg/kg	0.45	SW846-8270
Fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Fluorene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorobutadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorocyclopentadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachloroethane	U	0.45	mg/kg	0.45	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.45	mg/kg	0.45	SW846-8270

004-040**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.45 mg/kg	0.45	SW846-8270
Naphthalene	U	0.45 mg/kg	0.45	SW846-8270
Nitrobenzene	U	0.45 mg/kg	0.45	SW846-8270
N-Nitroso-di-n-propylamine	U	0.45 mg/kg	0.45	SW846-8270
N-Nitrosodiphenylamine	U	0.45 mg/kg	0.45	SW846-8270
Pentachlorophenol	U	0.45 mg/kg	0.45	SW846-8270
Phenanthrene	U	0.45 mg/kg	0.45	SW846-8270
Phenol	U	0.45 mg/kg	0.45	SW846-8270
Pyrene	U	0.45 mg/kg	0.45	SW846-8270
Pyridine	U	0.45 mg/kg	0.45	SW846-8270
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004040SA011C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	12600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	122	mg/kg		1	SW846-6010A
Beryllium		0.69	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2350	mg/kg		50	SW846-6010A
Chromium		17.8	mg/kg		2	SW846-6010A
Cobalt		7.3	mg/kg		1	SW846-6010A
Copper		10.5	mg/kg		2	SW846-6010A
Iron	NW	12900	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	2380	mg/kg		15	SW846-6010A
Manganese	NW	246	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		25.2	mg/kg		5	SW846-6010A
Potassium	N	674	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	453	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.6	mg/kg		2	SW846-6010A
Zinc		70.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		17.1	pCi/g	6.5	7.9	SW846-9310
Americium-241	U	9.8	pCi/g	0	9.8	DNT
Beta activity		19.6	pCi/g	4.1	5.5	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.6	pCi/g	0	1.6	DNT
Protactinium-234m	U	210	pCi/g	0	210	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	28	pCi/g	0	28	DNT
Uranium-235	U	3	pCi/g	0	3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-040**ERI99-W3C-4****Contingency WAG 3 - SWMU 4****VOA**

1,1-Dichloroethene	U	0.012	mg/kg	0.012	OA33499026
1,1-Dichloroethene	U	0.384	mg/kg	0.384	SW846-8021 M
cis-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
cis-1,2-Dichloroethene	U	0.384	mg/kg	0.384	SW846-8021 M
trans-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.384	mg/kg	0.384	SW846-8021 M
Trichloroethene	U	0.384	mg/kg	0.384	SW846-8021 M
Trichloroethene		0.035	mg/kg	0.0012	OA33499026
Vinyl chloride	U	0.384	mg/kg	0.384	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004040SA015C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6350	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	45.1	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1210	mg/kg		50	SW846-6010A
Chromium		9.94	mg/kg		2	SW846-6010A
Cobalt		5.36	mg/kg		1	SW846-6010A
Copper		5.07	mg/kg		2	SW846-6010A
Iron	NW	7550	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	1010	mg/kg		15	SW846-6010A
Manganese	NW	53.1	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.62	mg/kg		5	SW846-6010A
Potassium	N	226	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	423	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.1	mg/kg		2	SW846-6010A
Zinc		23.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		14.1	pCi/g	6.5	8.5	SW846-9310
Americium-241	U	8	pCi/g	0	8	DNT
Beta activity		21	pCi/g	4.9	6.9	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	8.5	pCi/g	0	8.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.392	mg/kg	0.392	SW846-8021 M
cis-1,2-Dichloroethene	U	0.392	mg/kg	0.392	SW846-8021 M
trans-1,2-Dichloroethene	U	0.392	mg/kg	0.392	SW846-8021 M
Trichloroethene	U	0.392	mg/kg	0.392	SW846-8021 M
Vinyl chloride	U	0.392	mg/kg	0.392	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004-040

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004040SA021C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	53.5	mg/kg		1	SW846-6010A
Beryllium		0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1180	mg/kg		50	SW846-6010A
Chromium		12.2	mg/kg		2	SW846-6010A
Cobalt		5.97	mg/kg		1	SW846-6010A
Copper		4.1	mg/kg		2	SW846-6010A
Iron	NW	10700	mg/kg		5	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Magnesium	N	871	mg/kg		15	SW846-6010A
Manganese	NW	492	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	291	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	352	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.1	mg/kg		2	SW846-6010A
Zinc		19.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1221	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1232	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1242	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1248	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1254	U	0.114	mg/kg		0.114	SW846-8082 M
PCB-1260	U	0.114	mg/kg		0.114	SW846-8082 M
RADS						
Alpha activity		14.9	pCi/g	6.3	8	SW846-9310
Alpha activity		4.95	pCi/g	0.86	0.85	RL-7111
Americium-241	U	7.3	pCi/g	0	7.3	DNT
Beta activity		5.08	pCi/g	0.49	0.83	RL-7111
Beta activity		15.1	pCi/g	4	5.8	SW846-9310
Cesium-137	U	0.97	pCi/g	0	0.97	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.27	RL-7116
Thorium-234	U	25	pCi/g	0	25	DNT
Uranium-235	U	2.6	pCi/g	0	2.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1-Dichloroethene	U	0.378	mg/kg	0.378	SW846-8021 M
cis-1,2-Dichloroethene	U	0.378	mg/kg	0.378	SW846-8021 M
trans-1,2-Dichloroethene	U	0.378	mg/kg	0.378	SW846-8021 M
Trichloroethene	U	0.378	mg/kg	0.378	SW846-8021 M
Vinyl chloride	U	0.378	mg/kg	0.378	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004040SA025C

Collected: 8/11/1999

Media Type: SO

Sample Type: REG

Analysis	Qualifiers*	Results	Units	Counting Error (+/-)	Detect Limit	Method
PCCB						
PCB-1016	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1221	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1232	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1242	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1248	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1254	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1260	U	0.096	mg/kg		0.096	SW846-8082 M
RADS						
Alpha activity		14.7	pCi/g	6.2	7.8	SW846-9310
Americium-241	U	2.5	pCi/g	0	2.5	DNT
Beta activity		15.3	pCi/g	4.1	5.8	SW846-9310
Cesium-137	U	0.88	pCi/g	0	0.88	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	570	pCi/g	0	570	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	5.7	pCi/g	0	5.7	DNT
VOA						
1,1-Dichloroethene	U	0.391	mg/kg		0.391	SW846-8021 M
cis-1,2-Dichloroethene	U	0.391	mg/kg		0.391	SW846-8021 M
trans-1,2-Dichloroethene	U	0.391	mg/kg		0.391	SW846-8021 M
Trichloroethene	U	0.391	mg/kg		0.391	SW846-8021 M
Vinyl chloride	U	0.391	mg/kg		0.391	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004040SD006C

Collected: 8/12/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		7.59	pCi/g	1.09	0.85	RL-7111
Americium-241	A	0.497	pCi/g	0.994	0.53	RL-7124
Beta activity		4.61	pCi/g	0.46	0.83	RL-7111
Neptunium-237		5.78	pCi/g	0.266	0.144	RL-7124
Plutonium-239/240		0.254	pCi/g	0.0507	0.0851	RL-7120
Radium-226		2.51	pCi/g	5.02	1.01	RL-7124
Technetium-99	A	0.173	pCi/g	0.869	4.27	RL-7116
Thorium-234		80.2	pCi/g	2.22	1.93	RL-7124
Uranium		165	pCi/g	30.5	7.15	RL-7124
Uranium-234		69	pCi/g	12.7	2.99	RL-7124
Uranium-235		0.506	wt %			AS7300
Uranium-235		0.61	wt %	0.05		RL-7124
Uranium-238		92.7	pCi/g	6.25	4.03	RL-7124

004-041

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004041SA006C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		97.9	mg/kg		1	SW846-6010A
Beryllium		0.53	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		22100	mg/kg		50	SW846-6010A
Chromium		16.3	mg/kg		2	SW846-6010A
Cobalt		9.7	mg/kg		1	SW846-6010A
Copper		11.4	mg/kg		2	SW846-6010A
Iron	NW	7880	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1080	mg/kg		15	SW846-6010A
Manganese		129	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.79	mg/kg		5	SW846-6010A
Potassium	N	2390	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	1130	mg/kg		200	SW846-6010A
Thallium	EU	15	mg/kg		15	SW846-6010A
Vanadium		18.9	mg/kg		2	SW846-6010A
Zinc		45.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		21.6	pCi/g	7.3	8.3	SW846-9310
Americium-241	U	7.4	pCi/g	0	7.4	DNT
Beta activity		31.4	pCi/g	5.3	6.7	SW846-9310
Cesium-137	U	3	pCi/g	0	3	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	640	pCi/g	0	640	DNT
Technetium-99	A	0.49	pCi/g	12.5	4.03	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	9.1	pCi/g	0	9.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-041**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
cis-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
trans-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Trichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Vinyl chloride	U	0.359 mg/kg	0.359	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004041SA015C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11900	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		40.3	mg/kg		1	SW846-6010A
Beryllium		0.56	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		915	mg/kg		50	SW846-6010A
Chromium		14.4	mg/kg		2	SW846-6010A
Cobalt		3.57	mg/kg		1	SW846-6010A
Copper		5.26	mg/kg		2	SW846-6010A
Iron	NW	8940	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1190	mg/kg		15	SW846-6010A
Manganese		55.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.5	mg/kg		5	SW846-6010A
Potassium	N	441	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	3150	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.9	mg/kg		2	SW846-6010A
Zinc		26.6	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		13.5	pCi/g	7.3	10	SW846-9310
Americium-241	U	3	pCi/g	0	3	DNT
Beta activity		27.1	pCi/g	6.8	9.4	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	6.1	pCi/g	0	6.1	DNT
Uranium-235	U	2.8	pCi/g	0	2.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	X	0.71 mg/kg	0.5	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyridine	U	0.5	mg/kg	0.5	SW846-8270
VOA					
1,1-Dichloroethene	U	0.41	mg/kg	0.41	SW846-8021 M
cis-1,2-Dichloroethene	U	0.41	mg/kg	0.41	SW846-8021 M
trans-1,2-Dichloroethene	U	0.41	mg/kg	0.41	SW846-8021 M
Trichloroethene	U	0.41	mg/kg	0.41	SW846-8021 M
Vinyl chloride	U	0.41	mg/kg	0.41	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004041SA025C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

Analysis	Qualifiers*	Results	Units	Counting Error (+/-)	Detect Limit	Method
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		22.1	pCi/g	7.7	8.7	SW846-9310
Americium-241	U	2.4	pCi/g	0	2.4	DNT
Beta activity		19	pCi/g	5.6	8.2	SW846-9310
Cesium-137	U	0.82	pCi/g	0	0.82	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Thorium-234	U	5.5	pCi/g	8.4	11.6	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
VOA						
1,1-Dichloroethene	U	0.405	mg/kg		0.405	SW846-8021 M
cis-1,2-Dichloroethene	U	0.405	mg/kg		0.405	SW846-8021 M
trans-1,2-Dichloroethene	U	0.405	mg/kg		0.405	SW846-8021 M
Trichloroethene	U	0.405	mg/kg		0.405	SW846-8021 M
Vinyl chloride	U	0.405	mg/kg		0.405	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004042SA006C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9220	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		126	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		3070	mg/kg		50	SW846-6010A
Chromium		10.8	mg/kg		2	SW846-6010A
Cobalt		3.33	mg/kg		1	SW846-6010A
Copper		7	mg/kg		2	SW846-6010A
Iron	NW	9470	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	879	mg/kg		15	SW846-6010A
Manganese		740	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.25	mg/kg		5	SW846-6010A
Potassium	N	483	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	265	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		15.4	mg/kg		2	SW846-6010A
Zinc		31.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		29.4	pCi/g	8	8.5	SW846-9310
Americium-241	U	8.2	pCi/g	0	8.2	DNT
Beta activity		30.7	pCi/g	4.8	6.2	SW846-9310
Cesium-137	U	2.9	pCi/g	0	2.9	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	620	pCi/g	0	620	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	2.5	pCi/g	0	2.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.48	mg/kg		0.48	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.48 mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48 mg/kg	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.48 mg/kg	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.48 mg/kg	0.48	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.48 mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48 mg/kg	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.48 mg/kg	0.48	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.48 mg/kg	0.48	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.48 mg/kg	0.48	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.48 mg/kg	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48 mg/kg	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.48 mg/kg	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.48 mg/kg	0.48	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.48 mg/kg	0.48	SW846-8270
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.48 mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.48 mg/kg	0.48	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.48 mg/kg	0.48	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.48 mg/kg	0.48	SW846-8270
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.48 mg/kg	0.48	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

Benzo(a)pyrene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.48 mg/kg	0.48	SW846-8270
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.48 mg/kg	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.48 mg/kg	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48 mg/kg	0.48	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.48 mg/kg	0.48	SW846-8270
Chrysene	U	0.48 mg/kg	0.48	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.48 mg/kg	0.48	SW846-8270
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.48 mg/kg	0.48	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.48 mg/kg	0.48	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.48 mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	X	0.73 mg/kg	0.48	SW846-8270
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.48 mg/kg	0.48	SW846-8270
Fluoranthene	U	0.48 mg/kg	0.48	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.48 mg/kg	0.48	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.48 mg/kg	0.48	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.48 mg/kg	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.48 mg/kg	0.48	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.48 mg/kg	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.48 mg/kg	0.48	SW846-8270
Isophorone	U	0.48 mg/kg	0.48	SW846-8270
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.48 mg/kg	0.48	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.48 mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48 mg/kg	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.48 mg/kg	0.48	SW846-8270

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N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.48 mg/kg	0.48	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.48 mg/kg	0.48	SW846-8270
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.48 mg/kg	0.48	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.48 mg/kg	0.48	SW846-8270
VOA				
1,1-Dichloroethene	U	0.364 mg/kg	0.364	SW846-8021 M
cis-1,2-Dichloroethene	U	0.364 mg/kg	0.364	SW846-8021 M
trans-1,2-Dichloroethene	U	0.364 mg/kg	0.364	SW846-8021 M
Trichloroethene	U	0.364 mg/kg	0.364	SW846-8021 M
Vinyl chloride	U	0.364 mg/kg	0.364	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004042SA011C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11400	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		174	mg/kg		1	SW846-6010A
Beryllium		1.01	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2330	mg/kg		50	SW846-6010A
Chromium		18.2	mg/kg		2	SW846-6010A
Cobalt		7.9	mg/kg		1	SW846-6010A
Copper		19	mg/kg		2	SW846-6010A
Iron	NW	21500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	2640	mg/kg		15	SW846-6010A
Manganese		193	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		30.3	mg/kg		5	SW846-6010A
Potassium	N	1020	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	588	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		33.7	mg/kg		2	SW846-6010A
Zinc		67.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		22.5	pCi/g	7.5	8.7	SW846-9310
Americium-241	U	3.1	pCi/g	0	3.1	DNT
Beta activity		29.1	pCi/g	4.9	6.2	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	1.13	pCi/g	2.81	4.03	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT

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Contingency WAG 3 - SWMU 4

Uranium-235		4.2	pCi/g	4.2	2.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

004-042**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.379 mg/kg	0.379	SW846-8021 M
cis-1,2-Dichloroethene	U	0.379 mg/kg	0.379	SW846-8021 M
trans-1,2-Dichloroethene	U	0.379 mg/kg	0.379	SW846-8021 M
Trichloroethene	U	0.379 mg/kg	0.379	SW846-8021 M
Vinyl chloride	U	0.379 mg/kg	0.379	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004042SA015C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9660	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		57	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1240	mg/kg		50	SW846-6010A
Chromium		13.9	mg/kg		2	SW846-6010A
Cobalt		5.39	mg/kg		1	SW846-6010A
Copper		6.13	mg/kg		2	SW846-6010A
Iron	NW	11100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1210	mg/kg		15	SW846-6010A
Manganese		132	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.69	mg/kg		5	SW846-6010A
Potassium	N	367	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	437	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22.8	mg/kg		2	SW846-6010A
Zinc		25.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		10.5	pCi/g	5.7	7.6	SW846-9310
Alpha activity		4.02	pCi/g	0.82	0.57	RL-7111
Americium-241	U	8	pCi/g	0	8	DNT
Beta activity		3.49	pCi/g	0.39	0.93	RL-7111
Beta activity		21.6	pCi/g	5.2	7.1	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	8.5	pCi/g	0	8.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
cis-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
trans-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Trichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Vinyl chloride	U	0.359 mg/kg	0.359	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004042SA021C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11300	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		33.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		923	mg/kg		50	SW846-6010A
Chromium		10.8	mg/kg		2	SW846-6010A
Cobalt		3.91	mg/kg		1	SW846-6010A
Copper		3.55	mg/kg		2	SW846-6010A
Iron	NW	7170	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	793	mg/kg		15	SW846-6010A
Manganese		80.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.39	mg/kg		5	SW846-6010A
Potassium	N	287	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	367	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		14.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		15.7	pCi/g	6.4	8.3	SW846-9310
Americium-241	U	8.7	pCi/g	0	8.7	DNT
Beta activity		15.1	pCi/g	3.9	5.5	SW846-9310
Cesium-137	U	1.2	pCi/g	0	1.2	DNT
Cobalt-60	U	1.6	pCi/g	0	1.6	DNT
Protactinium-234m	U	210	pCi/g	0	210	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	3.1	pCi/g	0	3.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA					
1,1-Dichloroethene	U	0.383	mg/kg	0.383	SW846-8021 M
1,1-Dichloroethene	U	0.012	mg/kg	0.012	OA33499026
cis-1,2-Dichloroethene	U	0.383	mg/kg	0.383	SW846-8021 M
cis-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.383	mg/kg	0.383	SW846-8021 M
Trichloroethene	U	0.383	mg/kg	0.383	SW846-8021 M
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	U	0.383	mg/kg	0.383	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004042SA025C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9790	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		25.7	mg/kg		1	SW846-6010A
Beryllium		0.69	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1120	mg/kg		50	SW846-6010A
Chromium		10.3	mg/kg		2	SW846-6010A
Cobalt		3.44	mg/kg		1	SW846-6010A
Copper		5.51	mg/kg		2	SW846-6010A
Iron	NW	10300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	948	mg/kg		15	SW846-6010A
Manganese		58.6	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	295	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	362	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.8	mg/kg		2	SW846-6010A
Zinc		19.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	102	mg/kg		102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		14.2	pCi/g	7.8	11	SW846-9310
Americium-241	U	7.6	pCi/g	0	7.6	DNT
Beta activity		17.6	pCi/g	6.6	9.9	SW846-9310
Cesium-137	U	2.7	pCi/g	0	2.7	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.364	pCi/g	0.335	4.03	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	5.7	pCi/g	0	5.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270	M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270	M
VOA						
1,1-Dichloroethene	U	0.352	mg/kg	0.352	SW846-8021	M
cis-1,2-Dichloroethene	U	0.352	mg/kg	0.352	SW846-8021	M
trans-1,2-Dichloroethene	U	0.352	mg/kg	0.352	SW846-8021	M
Trichloroethene	U	0.352	mg/kg	0.352	SW846-8021	M
Vinyl chloride	U	0.352	mg/kg	0.352	SW846-8021	M
WETCHEM						
Cyanide	U	1	mg/kg	1	SW846-9014	
Total Organic Carbon (TOC)	U	300	mg/kg	300	XP4-TS-OA7031	

004042SA030C

Collected: 8/16/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		14.9	pCi/g	7.3	9.8	SW846-9310
Americium-241	U	8.4	pCi/g	0	8.4	DNT
Beta activity	U	6	pCi/g	5.4	8.8	SW846-9310
Cesium-137	U	1.4	pCi/g	0	1.4	DNT
Cobalt-60	U	1.9	pCi/g	0	1.9	DNT
Protactinium-234m	U	250	pCi/g	0	250	DNT
Technetium-99	A	0.705	pCi/g	12.2	4.03	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	8.8	pCi/g	0	8.8	DNT
VOA						
1,1-Dichloroethene	U	0.321	mg/kg		0.321	SW846-8021
cis-1,2-Dichloroethene	U	0.321	mg/kg		0.321	SW846-8021
trans-1,2-Dichloroethene	U	0.321	mg/kg		0.321	SW846-8021
Trichloroethene	U	0.321	mg/kg		0.321	SW846-8021
Vinyl chloride	U	0.321	mg/kg		0.321	SW846-8021

004-043

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004043SA006C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9850	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		107	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2070	mg/kg		50	SW846-6010A
Chromium		11.1	mg/kg		2	SW846-6010A
Cobalt		3.23	mg/kg		1	SW846-6010A
Copper		7.83	mg/kg		2	SW846-6010A
Iron	NW	8800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	807	mg/kg		15	SW846-6010A
Manganese		119	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.59	mg/kg		5	SW846-6010A
Potassium	N	471	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	238	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18	mg/kg		2	SW846-6010A
Zinc		30.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		17.9	pCi/g	6.9	8.9	SW846-9310
Americium-241	U	9	pCi/g	0	9	DNT
Beta activity		27.9	pCi/g	4.5	5.7	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	1.1	pCi/g	1.51	6.15	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	9.6	pCi/g	0	9.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-043**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
cis-1,2-Dichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
trans-1,2-Dichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
Trichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
Vinyl chloride	U	0.392 mg/kg	0.392	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004043SA011C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9870	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		92.6	mg/kg		1	SW846-6010A
Beryllium		0.61	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1290	mg/kg		50	SW846-6010A
Chromium		14.5	mg/kg		2	SW846-6010A
Cobalt		5.74	mg/kg		1	SW846-6010A
Copper		10.6	mg/kg		2	SW846-6010A
Iron	NW	16600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1830	mg/kg		15	SW846-6010A
Manganese		119	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.2	mg/kg		5	SW846-6010A
Potassium	N	638	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	216	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		26.6	mg/kg		2	SW846-6010A
Zinc		39.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		11.6	pCi/g	5.8	7.7	SW846-9310
Americium-241	U	8.4	pCi/g	0	8.4	DNT
Beta activity		25.4	pCi/g	4.7	6.1	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	5.9	pCi/g	0	5.9	DNT
Protactinium-234m	U	200	pCi/g	0	200	DNT
Technetium-99	A	0	pCi/g	0	4.03	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Uranium-235	U	7.1	pCi/g	0	7.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

004-043**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.411 mg/kg	0.411	SW846-8021 M
cis-1,2-Dichloroethene	U	0.411 mg/kg	0.411	SW846-8021 M
trans-1,2-Dichloroethene	U	0.411 mg/kg	0.411	SW846-8021 M
Trichloroethene	U	0.411 mg/kg	0.411	SW846-8021 M
Vinyl chloride	U	0.411 mg/kg	0.411	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

004-043

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004043SA015C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9950	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		68.2	mg/kg		1	SW846-6010A
Beryllium		0.53	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1170	mg/kg		50	SW846-6010A
Chromium		15.9	mg/kg		2	SW846-6010A
Cobalt		3.17	mg/kg		1	SW846-6010A
Copper		5.55	mg/kg		2	SW846-6010A
Iron	NW	9250	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1250	mg/kg		15	SW846-6010A
Manganese		87.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.1	mg/kg		5	SW846-6010A
Potassium	N	399	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	247	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		20.6	mg/kg		2	SW846-6010A
Zinc		24.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		15.8	pCi/g	6.5	8.1	SW846-9310
Americium-241	U	8.2	pCi/g	0	8.2	DNT
Beta activity		17.9	pCi/g	4.8	6.8	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	200	pCi/g	0	200	DNT
Technetium-99	A	2.18	pCi/g	5.99	6.15	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	7	pCi/g	0	7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
cis-1,2-Dichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
trans-1,2-Dichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
Trichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
Vinyl chloride	U	0.341	mg/kg	0.341	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004043SA021C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12800	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		58.2	mg/kg		1	SW846-6010A
Beryllium		0.53	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1490	mg/kg		50	SW846-6010A
Chromium		15.7	mg/kg		2	SW846-6010A
Cobalt		2.48	mg/kg		1	SW846-6010A
Copper		4.51	mg/kg		2	SW846-6010A
Iron	NW	11200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1320	mg/kg		15	SW846-6010A
Manganese		70.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.11	mg/kg		5	SW846-6010A
Potassium	N	307	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	309	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.5	mg/kg		2	SW846-6010A
Zinc		20.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		14.7	pCi/g	6	7.6	SW846-9310
Americium-241	U	6.7	pCi/g	0	6.7	DNT
Beta activity		17.3	pCi/g	3.8	5.1	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	200	pCi/g	0	200	DNT
Technetium-99	A	1.28	pCi/g	1.34	6.15	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	7	pCi/g	0	7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
cis-1,2-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
trans-1,2-Dichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
Trichloroethene	U	0.395	mg/kg	0.395	SW846-8021 M
Vinyl chloride	U	0.395	mg/kg	0.395	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004-043

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004043SA025C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10900	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		26.7	mg/kg		1	SW846-6010A
Beryllium		0.95	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1160	mg/kg		50	SW846-6010A
Chromium		16.9	mg/kg		2	SW846-6010A
Cobalt		4.94	mg/kg		1	SW846-6010A
Copper		6.5	mg/kg		2	SW846-6010A
Iron	*N	24300	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	962	mg/kg		15	SW846-6010A
Manganese		107	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	240	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	302	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		33.5	mg/kg		2	SW846-6010A
Zinc		23.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1221	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1232	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1242	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1248	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1254	U	0.096	mg/kg		0.096	SW846-8082 M
PCB-1260	U	0.096	mg/kg		0.096	SW846-8082 M
RADS						
Alpha activity		23.1	pCi/g	6.9	7.1	SW846-9310
Americium-241	U	3.1	pCi/g	0	3.1	DNT
Beta activity		12.9	pCi/g	4	5.8	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0	pCi/g	0	6.15	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	6.9	pCi/g	0	6.9	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-043

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.306 mg/kg	0.306	SW846-8021 M
cis-1,2-Dichloroethene	U	0.306 mg/kg	0.306	SW846-8021 M
trans-1,2-Dichloroethene	U	0.306 mg/kg	0.306	SW846-8021 M
Trichloroethene		0.42 mg/kg	0.306	SW846-8021 M
Vinyl chloride	U	0.306 mg/kg	0.306	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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004-044

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004044SA006C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	14800	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NW	8.24	mg/kg		5	SW846-7060
Barium	*N	136	mg/kg		1	SW846-6010A
Beryllium		0.83	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	951	mg/kg		50	SW846-6010A
Chromium		19.9	mg/kg		2	SW846-6010A
Cobalt		6.65	mg/kg		1	SW846-6010A
Copper		12.5	mg/kg		2	SW846-6010A
Iron	*NW	19800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	2160	mg/kg		15	SW846-6010A
Manganese	*NW	1200	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		53	mg/kg		5	SW846-6010A
Potassium	*N	862	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	583	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.3	mg/kg		2	SW846-6010A
Zinc		55.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1221	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1248	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1260	U	0.095	mg/kg		0.095	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		17	pCi/g	7.3	9.4	SW846-9310
Americium-241	U	8	pCi/g	0	8	DNT
Beta activity		27.5	pCi/g	6	8.1	SW846-9310
Cesium-137	U	0.93	pCi/g	0	0.93	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	2.29	pCi/g	6.75	6.15	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Uranium-235	U	6 pCi/g	0	6	DNT
SVOA					
1,2,4-Trichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg		0.5	SW846-8270 M

004-044**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
cis-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
trans-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Trichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Vinyl chloride	U	0.359 mg/kg	0.359	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004044SA015C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8520	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		60.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1160	mg/kg		50	SW846-6010A
Chromium		20.5	mg/kg		2	SW846-6010A
Cobalt		4.81	mg/kg		1	SW846-6010A
Copper		4.14	mg/kg		2	SW846-6010A
Iron	NW	8520	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	895	mg/kg		15	SW846-6010A
Manganese		289	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.26	mg/kg		5	SW846-6010A
Potassium	N	225	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	263	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.3	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	108	mg/kg		108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		16	pCi/g	5.9	7	SW846-9310
Americium-241	U	7.6	pCi/g	0	7.6	DNT
Beta activity		18.3	pCi/g	3.8	5.1	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	2.5	pCi/g	7.16	6.15	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	6.5	pCi/g	0	6.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270	M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270	M
VOA						
1,1-Dichloroethene	U	0.346	mg/kg	0.346	SW846-8021	M
cis-1,2-Dichloroethene	U	0.346	mg/kg	0.346	SW846-8021	M
trans-1,2-Dichloroethene	U	0.346	mg/kg	0.346	SW846-8021	M
Trichloroethene	U	0.346	mg/kg	0.346	SW846-8021	M
Vinyl chloride	U	0.346	mg/kg	0.346	SW846-8021	M
WETCHEM						
Cyanide	U	1	mg/kg	1	SW846-9014	

004044SA025C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		11.4	pCi/g	6	8.3	SW846-9310
Americium-241	U	2.4	pCi/g	0	2.4	DNT
Beta activity		11	pCi/g	3.8	5.7	SW846-9310
Cesium-137	U	3.3	pCi/g	0	3.3	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	7.8	pCi/g	0	7.8	DNT
VOA						
1,1-Dichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
cis-1,2-Dichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
trans-1,2-Dichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
Trichloroethene	U	0.28	mg/kg		0.28	SW846-8021 M
Vinyl chloride	U	0.28	mg/kg		0.28	SW846-8021 M

004-044

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004044SA035C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		15.4	pCi/g	6.6	8.7	SW846-9310
Americium-241	U	2.6	pCi/g	0	2.6	DNT
Beta activity		14.8	pCi/g	3.9	5.6	SW846-9310
Cesium-137	U	0.9	pCi/g	0	0.9	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
VOA						
1,1-Dichloroethene	U	0.013	mg/kg		0.013	OA33499026
1,1-Dichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
cis-1,2-Dichloroethene	U	0.13	mg/kg		0.13	OA33499026
cis-1,2-Dichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
trans-1,2-Dichloroethene	U	0.13	mg/kg		0.13	OA33499026
trans-1,2-Dichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
Trichloroethene	U	0.0013	mg/kg		0.0013	OA33499026
Trichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
Vinyl chloride	U	0.335	mg/kg		0.335	SW846-8021 M
Vinyl chloride	U	10	mg/kg		10	OA33499026

004044SD015C

Collected: 8/17/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		16	pCi/g	6.6	8.3	SW846-9310
Americium-241	U	3.7	pCi/g	0	3.7	DNT
Beta activity		17.2	pCi/g	4.4	6.2	SW846-9310
Cesium-137	U	3.9	pCi/g	0	3.9	DNT
Cobalt-60	U	1.8	pCi/g	0	1.8	DNT
Protactinium-234m	U	840	pCi/g	0	840	DNT
Technetium-99	A	1.93	pCi/g	4.22	6.15	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	8.3	pCi/g	0	8.3	DNT
VOA						
1,1-Dichloroethene	U	0.293	mg/kg		0.293	SW846-8021 M
cis-1,2-Dichloroethene	U	0.293	mg/kg		0.293	SW846-8021 M
trans-1,2-Dichloroethene	U	0.293	mg/kg		0.293	SW846-8021 M
Trichloroethene	U	0.293	mg/kg		0.293	SW846-8021 M
Vinyl chloride	U	0.293	mg/kg		0.293	SW846-8021 M

004-045

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004045SA006C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	10100	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NW	9.22	mg/kg		5	SW846-7060
Barium	*N	90.1	mg/kg		1	SW846-6010A
Beryllium		0.7	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	557	mg/kg		50	SW846-6010A
Chromium		14.5	mg/kg		2	SW846-6010A
Cobalt		2.98	mg/kg		1	SW846-6010A
Copper		7.75	mg/kg		2	SW846-6010A
Iron	*NW	15000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	990	mg/kg		15	SW846-6010A
Manganese	*NW	264	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		33.3	mg/kg		5	SW846-6010A
Potassium	*N	515	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	785	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.4	mg/kg		2	SW846-6010A
Zinc		32.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	111	mg/kg		111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		17	pCi/g	6.9	9	SW846-9310
Americium-241	U	7.7	pCi/g	0	7.7	DNT
Beta activity		23.2	pCi/g	4.6	6.2	SW846-9310
Cesium-137	U	0.91	pCi/g	0	0.91	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	580	pCi/g	0	580	DNT
Technetium-99	A	0.188	pCi/g	0.264	6.15	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Uranium-235	U	7.2	pCi/g	0	7.2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

004-045**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
cis-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
trans-1,2-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Trichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
Vinyl chloride	U	0.359 mg/kg	0.359	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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Contingency WAG 3 - SWMU 4

004045SA011C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9970	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	109	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1740	mg/kg		50	SW846-6010A
Chromium		16	mg/kg		2	SW846-6010A
Cobalt		3	mg/kg		1	SW846-6010A
Copper		8.39	mg/kg		2	SW846-6010A
Iron	*NW	10500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1750	mg/kg		15	SW846-6010A
Manganese	*NW	81	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		32.6	mg/kg		5	SW846-6010A
Potassium	*N	639	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	345	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.4	mg/kg		2	SW846-6010A
Zinc		35.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		18.1	pCi/g	6.6	7.6	SW846-9310
Americium-241	U	9.3	pCi/g	0	9.3	DNT
Beta activity		17.2	pCi/g	4.7	6.8	SW846-9310
Cesium-137	U	0.98	pCi/g	0	0.98	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	1.46	pCi/g	4.91	6.15	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	6.3	pCi/g	0	6.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-045**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

VOA					
1,1-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
1,1-Dichloroethene	U	0.011	mg/kg	0.011	OA33499026
cis-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
cis-1,2-Dichloroethene	U	0.11	mg/kg	0.11	OA33499026
trans-1,2-Dichloroethene	U	0.11	mg/kg	0.11	OA33499026
trans-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Trichloroethene	U	0.0011	mg/kg	0.0011	OA33499026
Trichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.353	mg/kg	0.353	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

004-045

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004045SA015C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7140	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		61.9	mg/kg		1	SW846-6010A
Beryllium		0.74	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1380	mg/kg		50	SW846-6010A
Chromium		11.5	mg/kg		2	SW846-6010A
Cobalt		1.95	mg/kg		1	SW846-6010A
Copper		8.83	mg/kg		2	SW846-6010A
Iron	NW	12600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1030	mg/kg		15	SW846-6010A
Manganese		63.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		8.37	mg/kg		5	SW846-6010A
Potassium	N	219	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	291	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		26.5	mg/kg		2	SW846-6010A
Zinc		20.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		15.9	pCi/g	6.5	8	SW846-9310
Americium-241	U	6.9	pCi/g	0	6.9	DNT
Beta activity		20.3	pCi/g	4.6	6.3	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	720	pCi/g	0	720	DNT
Technetium-99	A	0.21	pCi/g	12.7	6.15	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	7.2	pCi/g	0	7.2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-045**ERI99-W3C-4****Contingency WAG 3 - SWMU 4****VOA**

1,1-Dichloroethene	U	0.326	mg/kg	0.326	SW846-8021 M
cis-1,2-Dichloroethene	U	0.326	mg/kg	0.326	SW846-8021 M
trans-1,2-Dichloroethene	U	0.326	mg/kg	0.326	SW846-8021 M
Trichloroethene	U	0.326	mg/kg	0.326	SW846-8021 M
Vinyl chloride	U	0.326	mg/kg	0.326	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004-045

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004045SA021C

Collected: 8/17/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	3040	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		22.7	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		349	mg/kg		50	SW846-6010A
Chromium		11.4	mg/kg		2	SW846-6010A
Cobalt		2.29	mg/kg		1	SW846-6010A
Copper	U	2	mg/kg		2	SW846-6010A
Iron	NW	5010	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	232	mg/kg		15	SW846-6010A
Manganese		84.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	N	121	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	NU	200	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1221	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1232	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1242	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1248	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1254	U	0.101	mg/kg		0.101	SW846-8082 M
PCB-1260	U	0.101	mg/kg		0.101	SW846-8082 M
RADS						
Alpha activity		14	pCi/g	6.7	9	SW846-9310
Americium-241	U	7.5	pCi/g	0	7.5	DNT
Beta activity		17.1	pCi/g	5.3	7.7	SW846-9310
Cesium-137	U	0.87	pCi/g	0	0.87	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	1.36	pCi/g	4.34	6.15	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	7	pCi/g	0	7	DNT
VOA						
1,1-Dichloroethene	U	0.374	mg/kg		0.374	SW846-8021 M
cis-1,2-Dichloroethene	U	0.374	mg/kg		0.374	SW846-8021 M
trans-1,2-Dichloroethene	U	0.374	mg/kg		0.374	SW846-8021 M
Trichloroethene	U	0.374	mg/kg		0.374	SW846-8021 M
Vinyl chloride	U	0.374	mg/kg		0.374	SW846-8021 M
WETCHEM						
Cyanide	U	1	mg/kg		1	SW846-9014

004-045

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004045SA025C

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity	U	5.2	pCi/g	6.5	11	SW846-9310
Americium-241	U	5	pCi/g	0	5	DNT
Beta activity		11.7	pCi/g	5.4	8.5	SW846-9310
Cesium-137	U	0.82	pCi/g	0	0.82	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0.697	pCi/g	1.33	6.15	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	2.2	pCi/g	0	2.2	DNT
VOA						
1,1-Dichloroethene	U	0.329	mg/kg		0.329	SW846-8021 M
cis-1,2-Dichloroethene	U	0.329	mg/kg		0.329	SW846-8021 M
trans-1,2-Dichloroethene	U	0.329	mg/kg		0.329	SW846-8021 M
Trichloroethene	U	0.329	mg/kg		0.329	SW846-8021 M
Vinyl chloride	U	0.329	mg/kg		0.329	SW846-8021 M

004-045

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004045SA030C

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	11500	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NW	5.56	mg/kg		5	SW846-7060
Barium	*N	52.9	mg/kg		1	SW846-6010A
Beryllium		1.07	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	627	mg/kg		50	SW846-6010A
Chromium		14	mg/kg		2	SW846-6010A
Cobalt		12.5	mg/kg		1	SW846-6010A
Copper		5.36	mg/kg		2	SW846-6010A
Iron	*NW	25200	mg/kg		50	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	343	mg/kg		15	SW846-6010A
Manganese	*NW	278	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		46.2	mg/kg		5	SW846-6010A
Potassium	*N	370	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	932	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		39.8	mg/kg		2	SW846-6010A
Zinc		21.9	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1221	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1232	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1242	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1248	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1254	U	0.102	mg/kg		0.102	SW846-8082 M
PCB-1260	U	0.102	mg/kg		0.102	SW846-8082 M
RADS						
Alpha activity		24.2	pCi/g	9.4	12	SW846-9310
Americium-241	U	6.4	pCi/g	0	6.4	DNT
Beta activity		21.3	pCi/g	6.8	10	SW846-9310
Cesium-137	U	2.6	pCi/g	0	2.6	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	6.15	RL-7116
Thorium-234	U	5	pCi/g	0	5	DNT
Uranium-235	U	7.8	pCi/g	0	7.8	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-045

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
cis-1,2-Dichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
trans-1,2-Dichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
Trichloroethene	U	0.344	mg/kg	0.344	SW846-8021 M
Vinyl chloride	U	0.344	mg/kg	0.344	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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004-046

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004046SA006C

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8110	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	9.45	mg/kg		5	SW846-7060
Barium		136	mg/kg		1	SW846-6010A
Beryllium		0.52	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1690	mg/kg		50	SW846-6010A
Chromium		8.48	mg/kg		2	SW846-6010A
Cobalt		7.14	mg/kg		1	SW846-6010A
Copper		9.22	mg/kg		2	SW846-6010A
Iron	NW	14600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1100	mg/kg		15	SW846-6010A
Manganese	N	510	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.67	mg/kg		5	SW846-6010A
Potassium	*N	445	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	274	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.5	mg/kg		2	SW846-6010A
Zinc		29.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248		0.8	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		0.8	mg/kg		0.1	SW846-8082
RADS						
Americium-241	A	0.0767	pCi/g	0.153	0.45	RL-7124
Neptunium-237		1.84	pCi/g	0.136	0.109	RL-7124
Plutonium-239/240		0.354	pCi/g	0.0631	0.0811	RL-7120
Radium-226		2.41	pCi/g	4.81	0.746	RL-7124
Technetium-99		14.6	pCi/g	4.93	6.15	RL-7116
Thorium-234		107	pCi/g	1.98	1.49	RL-7124
Uranium		183	pCi/g	32	5.04	RL-7124
Uranium-234		53.4	pCi/g	9.33	1.48	RL-7124
Uranium-235		0.41	wt %	0.03		RL-7124
Uranium-235		0.368	wt %			AS7300
Uranium-238		126	pCi/g	5.76	3.49	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg		0.46	SW846-8270

004-046

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

1,4-Dichlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0.46	SW846-8270
Benzo(k)fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0.46	SW846-8270
Dibenz(a,h)anthracene	U	0.46	mg/kg	0.46	SW846-8270
Dibenzofuran	U	0.46	mg/kg	0.46	SW846-8270
Diethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Dimethyl phthalate	U	0.46	mg/kg	0.46	SW846-8270
Di-n-butyl phthalate	X	0.94	mg/kg	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0.46	SW846-8270
Fluoranthene	U	0.46	mg/kg	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobenzene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorobutadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0.46	SW846-8270

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

N-Nitrosodiphenylamine	U	0.46 mg/kg	0.46	SW846-8270
Pentachlorophenol	U	0.46 mg/kg	0.46	SW846-8270
Phenanthrene	U	0.46 mg/kg	0.46	SW846-8270
Phenol	U	0.46 mg/kg	0.46	SW846-8270
Pyrene	U	0.46 mg/kg	0.46	SW846-8270
Pyridine	U	0.46 mg/kg	0.46	SW846-8270
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

004-046

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004046SA015C

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9110	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	56.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1260	mg/kg		50	SW846-6010A
Chromium		12.2	mg/kg		2	SW846-6010A
Cobalt		4.4	mg/kg		1	SW846-6010A
Copper		4.4	mg/kg		2	SW846-6010A
Iron	*NW	7390	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1120	mg/kg		15	SW846-6010A
Manganese	*NW	280	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		21.1	mg/kg		5	SW846-6010A
Potassium	*N	355	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	613	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		16.1	mg/kg		2	SW846-6010A
Zinc		16.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	106	mg/kg		106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity		19.4	pCi/g	6.8	8.4	SW846-9310
Americium-241	U	5.5	pCi/g	0	5.5	DNT
Beta activity		30.7	pCi/g	4.3	5.1	SW846-9310
Cesium-137	U	3.4	pCi/g	0	3.4	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.587	pCi/g	0.774	6.15	RL-7116
Thorium-234	U	5.2	pCi/g	0	5.2	DNT
Uranium-235	U	7.2	pCi/g	0	7.2	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5	mg/kg	0.5	SW846-8270	M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270	M
VOA						
1,1-Dichloroethene	U	0.376	mg/kg	0.376	SW846-8021	M
cis-1,2-Dichloroethene	U	0.376	mg/kg	0.376	SW846-8021	M
trans-1,2-Dichloroethene	U	0.376	mg/kg	0.376	SW846-8021	M
Trichloroethene	U	0.376	mg/kg	0.376	SW846-8021	M
Vinyl chloride	U	0.376	mg/kg	0.376	SW846-8021	M
WETCHEM						
Cyanide	U	1	mg/kg	1	SW846-9014	

004046SA025C

Collected: 8/18/1999

Media Type: SO

Sample Type: REG

Analysis	Qualifiers*	Results	Units	Counting Error (+/-)	Detect Limit	Method
PCCB						
PCB-1016	U	106	mg/kg		106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity	U	7.5	pCi/g	6.4	10	SW846-9310
Americium-241	U	6.2	pCi/g	0	6.2	DNT
Beta activity		19.7	pCi/g	5.8	8.4	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	6.15	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
VOA						
1,1-Dichloroethene	U	0.393	mg/kg		0.393	SW846-8021 M
cis-1,2-Dichloroethene	U	0.393	mg/kg		0.393	SW846-8021 M
trans-1,2-Dichloroethene	U	0.393	mg/kg		0.393	SW846-8021 M
Trichloroethene	U	0.393	mg/kg		0.393	SW846-8021 M
Vinyl chloride	U	0.393	mg/kg		0.393	SW846-8021 M

Paducah-OREIS Data Report

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12/18/2007

004-047

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004047SA006C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		278.9	pCi/g	6.56	0.57	RL-7111
Beta activity		641.57	pCi/g	6.23	0.93	RL-7111
Technetium-99		26.1	pCi/g	4.02	4.03	RL-7116

004-047

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004047SA011C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9940	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	62.5	mg/kg		1	SW846-6010A
Beryllium		0.87	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	2220	mg/kg		50	SW846-6010A
Chromium		13.9	mg/kg		2	SW846-6010A
Cobalt		6.62	mg/kg		1	SW846-6010A
Copper		18.2	mg/kg		2	SW846-6010A
Iron	*NW	9590	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1880	mg/kg		15	SW846-6010A
Manganese	*NW	81.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		33.5	mg/kg		5	SW846-6010A
Potassium	*N	452	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	747	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.9	mg/kg		2	SW846-6010A
Zinc		55	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		18.2	pCi/g	6.8	8.3	SW846-9310
Americium-241	U	6.5	pCi/g	0	6.5	DNT
Beta activity		22.6	pCi/g	4.9	6.6	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0.244	pCi/g	1.2	6.15	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	9.7	pCi/g	0	9.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-047**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
1,1-Dichloroethene	U	0.012 mg/kg	0.012	OA33499026
cis-1,2-Dichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
cis-1,2-Dichloroethene	U	0.12 mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
trans-1,2-Dichloroethene	U	0.12 mg/kg	0.12	OA33499026
Trichloroethene	U	0.0012 mg/kg	0.0012	OA33499026
Trichloroethene	U	0.382 mg/kg	0.382	SW846-8021 M
Vinyl chloride	U	10 mg/kg	10	OA33499026
Vinyl chloride	U	0.382 mg/kg	0.382	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004047SA015C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7550	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	35	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1120	mg/kg		50	SW846-6010A
Chromium		11.2	mg/kg		2	SW846-6010A
Cobalt		14.8	mg/kg		1	SW846-6010A
Copper		4.65	mg/kg		2	SW846-6010A
Iron	*NW	10000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	906	mg/kg		15	SW846-6010A
Manganese	*NW	249	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		25.8	mg/kg		5	SW846-6010A
Potassium	*N	289	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	1190	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		22.3	mg/kg		2	SW846-6010A
Zinc		22.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
RADS						
Alpha activity	U	7.8	pCi/g	6.1	9.5	SW846-9310
Americium-241	U	8.5	pCi/g	0	8.5	DNT
Beta activity		21.9	pCi/g	4.7	6.3	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.6	pCi/g	0	1.6	DNT
Protactinium-234m	U	200	pCi/g	0	200	DNT
Technetium-99	A	0.166	pCi/g	0.3	6.15	RL-7116
Thorium-234	U	25	pCi/g	0	25	DNT
Uranium-235	U	7.3	pCi/g	0	7.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.461	mg/kg	0.461	SW846-8021 M
cis-1,2-Dichloroethene	U	0.461	mg/kg	0.461	SW846-8021 M
trans-1,2-Dichloroethene	U	0.461	mg/kg	0.461	SW846-8021 M
Trichloroethene	U	0.461	mg/kg	0.461	SW846-8021 M
Vinyl chloride	U	0.461	mg/kg	0.461	SW846-8021 M

WETCHEM

Cyanide	U	1	mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004047SA021C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9940	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	20.5	mg/kg		1	SW846-6010A
Beryllium		0.57	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1240	mg/kg		50	SW846-6010A
Chromium		14.3	mg/kg		2	SW846-6010A
Cobalt		4.3	mg/kg		1	SW846-6010A
Copper		8.41	mg/kg		2	SW846-6010A
Iron	*NW	13200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1100	mg/kg		15	SW846-6010A
Manganese	*NW	77.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		31.7	mg/kg		5	SW846-6010A
Potassium	*N	349	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	446	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		29.6	mg/kg		2	SW846-6010A
Zinc		25.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		13.9	pCi/g	6.8	9.3	SW846-9310
Americium-241	U	7.5	pCi/g	0	7.5	DNT
Beta activity		18.3	pCi/g	4.9	7	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	6.15	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.39 mg/kg	0.39	SW846-8021 M
cis-1,2-Dichloroethene	U	0.39 mg/kg	0.39	SW846-8021 M
trans-1,2-Dichloroethene	U	0.39 mg/kg	0.39	SW846-8021 M
Trichloroethene	U	0.39 mg/kg	0.39	SW846-8021 M
Vinyl chloride	U	0.39 mg/kg	0.39	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004047SA025C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9640	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	11.5	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1180	mg/kg		50	SW846-6010A
Chromium		9.38	mg/kg		2	SW846-6010A
Cobalt		2.02	mg/kg		1	SW846-6010A
Copper		2.89	mg/kg		2	SW846-6010A
Iron	*NW	4660	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	677	mg/kg		15	SW846-6010A
Manganese	*NW	19.1	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12	mg/kg		5	SW846-6010A
Potassium	*N	367	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	391	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		11.7	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	105	mg/kg		105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		13.1	pCi/g	6.3	8.5	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		12	pCi/g	4.6	7	SW846-9310
Cesium-137	U	0.98	pCi/g	0	0.98	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	6.15	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	7.8	pCi/g	0	7.8	DNT
VOA						
1,1-Dichloroethene	U	0.397	mg/kg		0.397	SW846-8021 M
cis-1,2-Dichloroethene	U	0.397	mg/kg		0.397	SW846-8021 M
trans-1,2-Dichloroethene	U	0.397	mg/kg		0.397	SW846-8021 M
Trichloroethene	U	0.397	mg/kg		0.397	SW846-8021 M
Vinyl chloride	U	0.397	mg/kg		0.397	SW846-8021 M
WETCHEM						
Cyanide	U	1	mg/kg		1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004047SB006C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	16000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	*NUW	5	mg/kg		5	SW846-7060
Barium	*N	106	mg/kg		1	SW846-6010A
Beryllium		0.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	N	1230	mg/kg		50	SW846-6010A
Chromium		17.9	mg/kg		2	SW846-6010A
Cobalt		2.66	mg/kg		1	SW846-6010A
Copper		11.4	mg/kg		2	SW846-6010A
Iron	*NW	11300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1280	mg/kg		15	SW846-6010A
Manganese	*NW	41.6	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		31.5	mg/kg		5	SW846-6010A
Potassium	*N	769	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	454	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25.1	mg/kg		2	SW846-6010A
Zinc		36.2	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	5.331	mg/kg		5.331	SW846-8082 M
PCB-1221	U	5.331	mg/kg		5.331	SW846-8082 M
PCB-1232	U	5.331	mg/kg		5.331	SW846-8082 M
PCB-1242	U	5.331	mg/kg		5.331	SW846-8082 M
PCB-1248	U	5.331	mg/kg		5.331	SW846-8082 M
PCB-1254		27	mg/kg		5.331	SW846-8082 M
PCB-1260	U	5.331	mg/kg		5.331	SW846-8082 M
RADS						
Alpha activity		51.54	pCi/g	2.91	0.57	RL-7111
Alpha activity		25	pCi/g	7.5	8.5	SW846-9310
Americium-241	U	14	pCi/g	0	14	DNT
Beta activity		46	pCi/g	5	5.3	SW846-9310
Beta activity		75.66	pCi/g	2.12	0.93	RL-7111
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	710	pCi/g	0	710	DNT
Technetium-99		8.06	pCi/g	3.25	4.03	RL-7116
Thorium-234		49	pCi/g	34	34	DNT
Uranium-235	U	7.1	pCi/g	0	7.1	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.384 mg/kg	0.384	SW846-8021 M
cis-1,2-Dichloroethene	U	0.384 mg/kg	0.384	SW846-8021 M
trans-1,2-Dichloroethene	U	0.384 mg/kg	0.384	SW846-8021 M
Trichloroethene	U	0.384 mg/kg	0.384	SW846-8021 M
Vinyl chloride	U	0.384 mg/kg	0.384	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

004-048

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004048SA006C

Collected: 8/19/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9430	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	120	mg/kg		1	SW846-6010A
Beryllium		0.6	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	1870	mg/kg		50	SW846-6010A
Chromium		11.8	mg/kg		2	SW846-6010A
Cobalt		5.02	mg/kg		1	SW846-6010A
Copper		24.9	mg/kg		2	SW846-6010A
Iron	*NW	10500	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	*N	1600	mg/kg		15	SW846-6010A
Manganese	*N	141	mg/kg		1	SW846-6010A
Mercury	*U	0.2	mg/kg		0.2	SW846-7471
Nickel	*	17.4	mg/kg		5	SW846-6010A
Potassium	*N	626	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	735	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium	*	15.2	mg/kg		2	SW846-6010A
Zinc	*N	79.3	mg/kg		15	SW846-6010A
RADS						
Alpha activity		922.64	pCi/g	12.14	0.57	RL-7111
Americium-241	A	0.0614	pCi/g	0.123	0.306	RL-7124
Beta activity		1702.97	pCi/g	10.16	0.93	RL-7111
Neptunium-237		0.187	pCi/g	0.374	0.104	RL-7124
Plutonium-239/240		0.0945	pCi/g	0.036	0.0807	RL-7120
Radium-226		2.01	pCi/g	4.02	0.58	RL-7124
Technetium-99		38.8	pCi/g	4.52	4.03	RL-7116
Thorium-234		65.6	pCi/g	131	2.94	RL-7124
Uranium		118	pCi/g	21	3.84	RL-7124
Uranium-234		47.9	pCi/g	8.48	1.56	RL-7124
Uranium-235		0.526	wt %			AS7300
Uranium-235		0.58	wt %	0.05		RL-7124
Uranium-235		0.636	wt %			AS7300
Uranium-238		67.8	pCi/g	3.44	2.21	RL-7124

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004048SA015C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8070	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		53.9	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1120	mg/kg		50	SW846-6010A
Chromium		11.9	mg/kg		2	SW846-6010A
Cobalt		2.11	mg/kg		1	SW846-6010A
Copper		3.96	mg/kg		2	SW846-6010A
Iron	NW	5150	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1000	mg/kg		15	SW846-6010A
Manganese	N	40.8	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.63	mg/kg		5	SW846-6010A
Potassium	*N	268	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	386	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.6	mg/kg		2	SW846-6010A
Zinc		18.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		11.2	pCi/g	6.3	8.8	SW846-9310
Americium-241	U	8.9	pCi/g	0	8.9	DNT
Beta activity		16.7	pCi/g	5.5	8.3	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	5.5	pCi/g	0	5.5	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	2.42	pCi/g	3.39	4.21	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	8.3	pCi/g	0	8.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
1,1-Dichloroethene	U	0.012	mg/kg	0.012	OA33499026
cis-1,2-Dichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
cis-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
Trichloroethene	U	0.401	mg/kg	0.401	SW846-8021 M
Trichloroethene		0.035	mg/kg	0.0012	OA33499026
Vinyl chloride	U	0.401	mg/kg	0.401	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026

WETCHEM

Cyanide	NU	1	mg/kg	1	SW846-9014
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004048SA025C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

Analysis	Qualifiers*	Results	Units	Counting Error (+/-)	Detect Limit	Method
RADS						
Alpha activity		17.2	pCi/g	6.4	7.6	SW846-9310
Americium-241	U	13	pCi/g	0	13	DNT
Beta activity		11.5	pCi/g	3.7	5.5	SW846-9310
Cesium-137	U	1.8	pCi/g	0	1.8	DNT
Cobalt-60	U	2.4	pCi/g	0	2.4	DNT
Protactinium-234m	U	320	pCi/g	0	320	DNT
Thorium-234	U	25	pCi/g	0	25	DNT
Uranium-235	U	4.7	pCi/g	0	4.7	DNT
VOA						
1,1-Dichloroethene	U	0.414	mg/kg		0.414	SW846-8021 M
cis-1,2-Dichloroethene	U	0.414	mg/kg		0.414	SW846-8021 M
trans-1,2-Dichloroethene	U	0.414	mg/kg		0.414	SW846-8021 M
Trichloroethene	U	0.414	mg/kg		0.414	SW846-8021 M
Vinyl chloride	U	0.414	mg/kg		0.414	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004048SB006C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8660	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		125	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2820	mg/kg		50	SW846-6010A
Chromium		14.7	mg/kg		2	SW846-6010A
Cobalt		3.93	mg/kg		1	SW846-6010A
Copper		46.4	mg/kg		2	SW846-6010A
Iron	NW	9250	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1570	mg/kg		15	SW846-6010A
Manganese	N	133	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		24	mg/kg		5	SW846-6010A
Potassium	*N	613	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	629	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13	mg/kg		2	SW846-6010A
Zinc		74.2	mg/kg		15	SW846-6010A
RADS						
Alpha activity		3076.71	pCi/g	51.08	2.84	RL-7111
Americium-241	A	0.173	pCi/g	0.346	0.36	RL-7124
Beta activity		3253.97	pCi/g	31.37	4.67	RL-7111
Neptunium-237	A	0.119	pCi/g	0.237	0.132	RL-7124
Plutonium-239/240	A	0.0252	pCi/g	0.0251	0.0808	RL-7120
Radium-226		2.13	pCi/g	4.26	0.826	RL-7124
Technetium-99		235	pCi/g	9.51	4.03	RL-7116
Thorium-234		52.6	pCi/g	105	3.47	RL-7124
Uranium		103	pCi/g	19.5	5.16	RL-7124
Uranium-234		43.9	pCi/g	8.31	2.21	RL-7124
Uranium-235		0.62	wt %	0.05		RL-7124
Uranium-235		0.547	wt %			AS7300
Uranium-238		57	pCi/g	4.43	2.87	RL-7124
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004049SA006C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		14.5	pCi/g	7.1	9.8	SW846-9310
Americium-241	U	9.4	pCi/g	0	9.4	DNT
Beta activity		21	pCi/g	4.7	6.5	SW846-9310
Cesium-137	U	0.86	pCi/g	0	0.86	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Thorium-234	U	23	pCi/g	0	23	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
VOA						
1,1-Dichloroethene	U	0.394	mg/kg		0.394	SW846-8021 M
cis-1,2-Dichloroethene	U	0.394	mg/kg		0.394	SW846-8021 M
trans-1,2-Dichloroethene	U	0.394	mg/kg		0.394	SW846-8021 M
Trichloroethene	U	0.394	mg/kg		0.394	SW846-8021 M
Vinyl chloride	U	0.394	mg/kg		0.394	SW846-8021 M

004-049

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004049SA011C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7640	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		102	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1260	mg/kg		50	SW846-6010A
Chromium		10.5	mg/kg		2	SW846-6010A
Cobalt		2.13	mg/kg		1	SW846-6010A
Copper		7.35	mg/kg		2	SW846-6010A
Iron	NW	6320	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1200	mg/kg		15	SW846-6010A
Manganese	N	45.4	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.26	mg/kg		5	SW846-6010A
Potassium	*N	342	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	407	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		13.8	mg/kg		2	SW846-6010A
Zinc		27.5	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1221	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1232	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1242	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1248	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1254	U	0.116	mg/kg		0.116	SW846-8082 M
PCB-1260	U	0.116	mg/kg		0.116	SW846-8082 M
RADS						
Alpha activity		4.39	pCi/g	0.71	0.77	RL-7111
Alpha activity		17.7	pCi/g	6.9	8.5	SW846-9310
Americium-241	U	3	pCi/g	3.4	8.5	DNT
Beta activity		20.7	pCi/g	4.9	6.8	SW846-9310
Beta activity		5.02	pCi/g	0.48	0.7	RL-7111
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	1.67	pCi/g	2.99	4.21	RL-7116
Thorium-234	U	20	pCi/g	0	20	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
VOA						
1,1-Dichloroethene	U	0.535	mg/kg		0.535	SW846-8021 M
cis-1,2-Dichloroethene	U	0.535	mg/kg		0.535	SW846-8021 M
trans-1,2-Dichloroethene	U	0.535	mg/kg		0.535	SW846-8021 M
Trichloroethene	U	0.535	mg/kg		0.535	SW846-8021 M
Vinyl chloride	U	0.535	mg/kg		0.535	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004049SA021C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6530	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		39.4	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		702	mg/kg		50	SW846-6010A
Chromium		25.4	mg/kg		2	SW846-6010A
Cobalt		7.91	mg/kg		1	SW846-6010A
Copper		3.78	mg/kg		2	SW846-6010A
Iron	NW	11900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	473	mg/kg		15	SW846-6010A
Manganese	N	101	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	191	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	341	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		16.1	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
RADS						
Alpha activity		11.1	pCi/g	5.7	7.8	SW846-9310
Americium-241	U	6.2	pCi/g	0	6.2	DNT
Beta activity		20.3	pCi/g	4.2	5.6	SW846-9310
Cesium-137	U	0.83	pCi/g	0	0.83	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	540	pCi/g	0	540	DNT
Technetium-99	A	2.37	pCi/g	3.26	4.21	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	8.5	pCi/g	0	8.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-049

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
cis-1,2-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
trans-1,2-Dichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
Trichloroethene	U	0.37 mg/kg	0.37	SW846-8021 M
Vinyl chloride	U	0.37 mg/kg	0.37	SW846-8021 M

WETCHEM

Cyanide	U	1 mg/kg	1	SW846-9014
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004-050

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004050SA006C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8170	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		58.4	mg/kg		1	SW846-6010A
Beryllium		0.57	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1540	mg/kg		50	SW846-6010A
Chromium		11	mg/kg		2	SW846-6010A
Cobalt		7.85	mg/kg		1	SW846-6010A
Copper		9.73	mg/kg		2	SW846-6010A
Iron	NW	13300	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1770	mg/kg		15	SW846-6010A
Manganese	N	267	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.56	mg/kg		5	SW846-6010A
Potassium	*N	468	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	785	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		21.6	mg/kg		2	SW846-6010A
Zinc		37.3	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		15.9	pCi/g	6.9	8.8	SW846-9310
Americium-241	U	7	pCi/g	0	7	DNT
Beta activity		25.6	pCi/g	5.6	7.6	SW846-9310
Cesium-137	U	2.5	pCi/g	0	2.5	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	1.58	pCi/g	3.56	4.21	RL-7116
Thorium-234	U	20	pCi/g	0	20	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

004-050

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

VOA

1,1-Dichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
cis-1,2-Dichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
trans-1,2-Dichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
Trichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
Vinyl chloride	U	0.366	mg/kg	0.366	SW846-8021 M

WETCHEM

Cyanide	NU	1	mg/kg	1	SW846-9014
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004050SA015C

Collected: 8/20/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		17.1	pCi/g	6.6	8.1	SW846-9310
Americium-241	U	5.6	pCi/g	0	5.6	DNT
Beta activity		15.2	pCi/g	4.2	6.1	SW846-9310
Cesium-137	U	2.8	pCi/g	0	2.8	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	2.5	pCi/g	3.18	4.21	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
VOA						
1,1-Dichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
cis-1,2-Dichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
trans-1,2-Dichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
Trichloroethene	U	0.335	mg/kg		0.335	SW846-8021 M
Vinyl chloride	U	0.335	mg/kg		0.335	SW846-8021 M

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004053SA006C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1221	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1232	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1242	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1248	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1254	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1260	U	0.123	mg/kg		0.123	SW846-8082 M
RADS						
Alpha activity		25.1	pCi/g	7.3	7.7	SW846-9310
Americium-241	U	3.3	pCi/g	0	3.3	DNT
Beta activity		24.7	pCi/g	4.4	5.7	SW846-9310
Cesium-137	U	1.2	pCi/g	0	1.2	DNT
Cobalt-60	U	1.6	pCi/g	0	1.6	DNT
Protactinium-234m	U	750	pCi/g	0	750	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	7.4	pCi/g	0	7.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.39	mg/kg		0.39	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.39	mg/kg		0.39	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.39	mg/kg	0.39	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.39	mg/kg	0.39	SW846-8021 M

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004053SA009C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1248	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1260	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		15	pCi/g	6.3	7.8	SW846-9310
Americium-241	U	2.7	pCi/g	0	2.7	DNT
Beta activity		25.8	pCi/g	4.8	6.3	SW846-9310
Cesium-137	U	2.8	pCi/g	0	2.8	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	7.5	pCi/g	0	7.5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.385	mg/kg		0.385	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.385	mg/kg	0.385	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.385	mg/kg	0.385	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.385	mg/kg	0.385	SW846-8021 M
Vinyl chloride	U	0.385	mg/kg	0.385	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004053SA015C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1221	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1232	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1242	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1248	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1254	U	0.123	mg/kg		0.123	SW846-8082 M
PCB-1260	U	0.123	mg/kg		0.123	SW846-8082 M
RADS						
Alpha activity		16	pCi/g	5.8	6.6	SW846-9310
Americium-241	U	7.1	pCi/g	0	7.1	DNT
Beta activity		18.6	pCi/g	3.7	4.9	SW846-9310
Cesium-137	U	0.95	pCi/g	0	0.95	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	7.6	pCi/g	0	7.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.388	mg/kg	0.388	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.388	mg/kg	0.388	SW846-8021 M
Vinyl chloride	U	0.388	mg/kg	0.388	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004053SA021C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
RADS						
Alpha activity		17.4	pCi/g	5.8	6.5	SW846-9310
Americium-241	U	4.9	pCi/g	0	4.9	DNT
Beta activity		20.1	pCi/g	3.4	4.3	SW846-9310
Cesium-137	U	2.4	pCi/g	0	2.4	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	1.27	pCi/g	4.09	4.09	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	5.1	pCi/g	0	5.1	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.014	mg/kg		0.014	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.349	mg/kg		0.349	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,2-Dichloroethene	U	0.349	mg/kg		0.349	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.14	mg/kg	0.14	OA33499026
trans-1,2-Dichloroethene	U	0.349	mg/kg	0.349	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0014	mg/kg	0.0014	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.349	mg/kg	0.349	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.349	mg/kg	0.349	SW846-8021 M

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004053SA025C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1232	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1242	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1248	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1254	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1260	U	0.118	mg/kg		0.118	SW846-8082 M
RADS						
Alpha activity		12.5	pCi/g	6.1	8.4	SW846-9310
Americium-241	U	5.7	pCi/g	0	5.7	DNT
Beta activity		20.7	pCi/g	4.2	5.7	SW846-9310
Cesium-137	U	0.93	pCi/g	0	0.93	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	1.77	pCi/g	2.9	4.09	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	2.5	pCi/g	0	2.5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.422	mg/kg		0.422	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.422	mg/kg		0.422	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-053**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.422	mg/kg	0.422	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.422	mg/kg	0.422	SW846-8021 M
Vinyl chloride	U	0.422	mg/kg	0.422	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004053SD015C

Collected: 8/31/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		16.6	pCi/g	6.2	7.4	SW846-9310
Americium-241	U	3.3	pCi/g	0	3.3	DNT
Beta activity		17.5	pCi/g	3.7	5	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	6	pCi/g	0	6	DNT
Protactinium-234m	U	210	pCi/g	0	210	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	16	pCi/g	0	16	DNT
Uranium-235	U	3	pCi/g	0	3	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-053

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.31	mg/kg	0.31	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.31	mg/kg	0.31	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.31	mg/kg	0.31	SW846-8021 M

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SA003C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PCCB						
PCB-1016	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1232	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1254	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1268	JU	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		20.9	pCi/g	6.6	7.4	SW846-9310
Americium-241	U	7	pCi/g	0	7	DNT
Beta activity		23.8	pCi/g	3.7	4.6	SW846-9310
Cesium-137	U	0.93	pCi/g	0	0.93	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	7	pCi/g	11	13	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.432	mg/kg		0.432	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.432	mg/kg	0.432	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.049	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.432	mg/kg	0.432	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.432	mg/kg	0.432	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.432	mg/kg	0.432	SW846-8021 M

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SA006C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1221	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1232	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1242	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1248	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1254	U	0.112	mg/kg		0.112	SW846-8082 M
PCB-1260	U	0.112	mg/kg		0.112	SW846-8082 M
RADS						
Alpha activity		23	pCi/g	7.1	7.5	SW846-9310
Americium-241	U	2.7	pCi/g	0	2.7	DNT
Beta activity		23.7	pCi/g	4.6	6	SW846-9310
Cesium-137	U	0.95	pCi/g	0	0.95	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	610	pCi/g	0	610	DNT
Technetium-99	A	0.308	pCi/g	0.452	4.26	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	7.6	pCi/g	0	7.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.36	mg/kg		0.36	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.36	mg/kg		0.36	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJ	0.036	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-054**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.36	mg/kg	0.36	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.36	mg/kg	0.36	SW846-8021 M
Vinyl chloride	U	0.36	mg/kg	0.36	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SA009C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1221	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1232	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1242	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1248	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1254	U	0.105	mg/kg		0.105	SW846-8082 M
PCB-1260	U	0.105	mg/kg		0.105	SW846-8082 M
RADS						
Alpha activity		25.1	pCi/g	7	7.2	SW846-9310
Americium-241	U	7.5	pCi/g	0	7.5	DNT
Beta activity		21.2	pCi/g	3.9	5.1	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.999	pCi/g	0.963	4.09	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	6.4	pCi/g	0	6.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.396	mg/kg		0.396	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	J	0.012	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.396	mg/kg		0.396	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-054**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.396	mg/kg	0.396	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.396	mg/kg	0.396	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.396	mg/kg	0.396	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SA012C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		14.3	pCi/g	5.9	7.5	SW846-9310
Americium-241	U	6.1	pCi/g	0	6.1	DNT
Beta activity		16.8	pCi/g	3.5	4.7	SW846-9310
Cesium-137	U	0.99	pCi/g	0	0.99	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	2.6	pCi/g	0	2.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.011	mg/kg		0.011	OA33499026
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.273	mg/kg		0.273	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.11	mg/kg		0.11	OA33499026
cis-1,2-Dichloroethene	U	0.273	mg/kg		0.273	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Methylene chloride	BJ	0.035	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.273	mg/kg	0.273	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.11	mg/kg	0.11	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.273	mg/kg	0.273	SW846-8021 M
Trichloroethene	U	0.0011	mg/kg	0.0011	OA33499026
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.273	mg/kg	0.273	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SA015C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		16.6	pCi/g	6.1	7.2	SW846-9310
Alpha activity		3.55	pCi/g	0.61	0.77	RL-7111
Americium-241	U	6.1	pCi/g	0	6.1	DNT
Beta activity		15.7	pCi/g	3.5	4.8	SW846-9310
Beta activity		2.56	pCi/g	0.31	0.75	RL-7111
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.481	pCi/g	4.13	4.09	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	2.6	pCi/g	0	2.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.343	mg/kg		0.343	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.343	mg/kg		0.343	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

004-054**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Methylene chloride	BJ	0.036	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.343	mg/kg	0.343	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.343	mg/kg	0.343	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.343	mg/kg	0.343	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SA021C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		15.2	pCi/g	5.6	6.2	SW846-9310
Americium-241	U	1.8	pCi/g	0	1.8	DNT
Beta activity		7.5	pCi/g	3.3	5.1	SW846-9310
Cesium-137	U	0.62	pCi/g	0	0.62	DNT
Cobalt-60	U	0.28	pCi/g	0	0.28	DNT
Protactinium-234m	U	43	pCi/g	0	43	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	7	pCi/g	0	7	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.284	mg/kg		0.284	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.284	mg/kg		0.284	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJ	0.037	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.284	mg/kg		0.284	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.284	mg/kg		0.284	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Vinyl chloride

U

0.284 mg/kg

0.284 SW846-8021 M

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004054SD006C

Collected: 8/31/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		16.5	pCi/g	7	9.1	SW846-9310
Americium-241	U	11	pCi/g	0	11	DNT
Beta activity		25.1	pCi/g	5	6.7	SW846-9310
Cesium-137	U	1.3	pCi/g	0	1.3	DNT
Cobalt-60	U	1.7	pCi/g	0	1.7	DNT
Protactinium-234m	U	820	pCi/g	0	820	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	3.3	pCi/g	0	3.3	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.336	mg/kg		0.336	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.336	mg/kg		0.336	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJ	0.035	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.336	mg/kg		0.336	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.336	mg/kg		0.336	SW846-8021 M
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg		0.01	SW846-8260

004-054

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Vinyl chloride

U

0.336 mg/kg

0.336 SW846-8021 M

004-055

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004055SA006C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	119	mg/kg		119	SW846-8082 M
PCB-1221	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1232	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1242	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1248	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1254	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1260	U	0.119	mg/kg		0.119	SW846-8082 M
RADS						
Alpha activity		11.1	pCi/g	5.9	8	SW846-9310
Alpha activity		3.83	pCi/g	0.64	0.77	RL-7111
Americium-241	U	5.8	pCi/g	0	5.8	DNT
Beta activity		3.77	pCi/g	0.39	0.75	RL-7111
Beta activity		21.8	pCi/g	4.8	6.5	SW846-9310
Cesium-137	U	0.94	pCi/g	0	0.94	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	7.5	pCi/g	0	7.5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.354	mg/kg		0.354	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.354	mg/kg		0.354	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

004-055**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Methylene chloride	BJ	0.054	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.354	mg/kg	0.354	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.354	mg/kg	0.354	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.354	mg/kg	0.354	SW846-8021 M

004-055

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004055SA009C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	121	mg/kg		121	SW846-8082 M
PCB-1221	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1232	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1242	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1248	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1254	U	0.121	mg/kg		0.121	SW846-8082 M
PCB-1260	U	0.121	mg/kg		0.121	SW846-8082 M
RADS						
Alpha activity		20.1	pCi/g	6.6	7.5	SW846-9310
Americium-241	U	9.2	pCi/g	0	9.2	DNT
Beta activity		20.9	pCi/g	3.8	4.8	SW846-9310
Cesium-137	U	0.84	pCi/g	0	0.84	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	5.4	pCi/g	0	5.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.442	mg/kg		0.442	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.442	mg/kg		0.442	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-055**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.442 mg/kg	0.442	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.442 mg/kg	0.442	SW846-8021 M
Vinyl chloride	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.442 mg/kg	0.442	SW846-8021 M

004-055

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004055SA012C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1221	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1232	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1242	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1248	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1254	U	0.119	mg/kg		0.119	SW846-8082 M
PCB-1260	U	0.119	mg/kg		0.119	SW846-8082 M
RADS						
Alpha activity		22.7	pCi/g	6.6	6.8	SW846-9310
Americium-241	U	5.7	pCi/g	0	5.7	DNT
Beta activity		18.5	pCi/g	3.7	5.1	SW846-9310
Cesium-137	U	0.93	pCi/g	0	0.93	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	6	pCi/g	0	6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.347	mg/kg		0.347	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.347	mg/kg		0.347	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.347	mg/kg	0.347	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.347	mg/kg	0.347	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.347	mg/kg	0.347	SW846-8021 M

004-055

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004055SA015C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		19.1	pCi/g	6.6	7.7	SW846-9310
Americium-241	U	5.6	pCi/g	0	5.6	DNT
Beta activity		18.7	pCi/g	3.8	5.1	SW846-9310
Cesium-137	U	0.92	pCi/g	0	0.92	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.407	pCi/g	0.538	4.09	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	7.3	pCi/g	0	7.3	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.317	mg/kg		0.317	SW846-8021 M
1,1-Dichloroethene	U	0.014	mg/kg		0.014	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,2-Dichloroethene	U	0.317	mg/kg		0.317	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Methylene chloride	BJ	0.041	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.14	mg/kg	0.14	OA33499026
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.317	mg/kg	0.317	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0014	mg/kg	0.0014	OA33499026
Trichloroethene	U	0.317	mg/kg	0.317	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.317	mg/kg	0.317	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

004-055

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004055SA021C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		20.2	pCi/g	6.2	6.4	SW846-9310
Americium-241	U	5.3	pCi/g	0	5.3	DNT
Beta activity		10.9	pCi/g	3.5	5.2	SW846-9310
Cesium-137	U	0.86	pCi/g	0	0.86	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	3.7	pCi/g	6.4	5	DNT
Uranium-235	U	5.5	pCi/g	0	5.5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.336	mg/kg		0.336	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.336	mg/kg		0.336	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJ	0.052	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.336	mg/kg	0.336	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.336	mg/kg	0.336	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.336	mg/kg	0.336	SW846-8021 M

004-055

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004055SA025C

Collected: 8/31/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PCCB						
PCB-1016	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1221	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1232	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1242	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1242	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1248	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1254	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1254	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.118	mg/kg		0.118	SW846-8082 M
PCB-1260	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1268	JU	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		21.8	pCi/g	7.1	8	SW846-9310
Americium-241	U	2.9	pCi/g	0	2.9	DNT
Beta activity		20.1	pCi/g	4.4	6	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	9.2	pCi/g	0	9.2	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.363	mg/kg		0.363	SW846-8021 M
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.363	mg/kg	0.363	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.054	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.363	mg/kg	0.363	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.363	mg/kg	0.363	SW846-8021 M
Trichloroethene	UX	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.363	mg/kg	0.363	SW846-8021 M

004055SD021C

Collected: 8/31/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1-Dichloroethene	U	0.299	mg/kg		0.299	SW846-8021 M
cis-1,2-Dichloroethene	U	0.299	mg/kg		0.299	SW846-8021 M
trans-1,2-Dichloroethene	U	0.299	mg/kg		0.299	SW846-8021 M
Trichloroethene	U	0.299	mg/kg		0.299	SW846-8021 M
Vinyl chloride	U	0.299	mg/kg		0.299	SW846-8021 M

004-056

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SA003C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	1.015	mg/kg		1.015	SW846-8082 M
PCB-1221	U	1.015	mg/kg		1.015	SW846-8082 M
PCB-1232	U	1.015	mg/kg		1.015	SW846-8082 M
PCB-1242	U	1.015	mg/kg		1.015	SW846-8082 M
PCB-1248	U	1.015	mg/kg		1.015	SW846-8082 M
PCB-1254		4.76	mg/kg		1.015	SW846-8082 M
PCB-1260	U	1.015	mg/kg		1.015	SW846-8082 M
RADS						
Alpha activity		109	pCi/g	13	11	SW846-9310
Americium-241	A	0.222	pCi/g	0.445	0.332	RL-7124
Americium-241	U	12	pCi/g	0	12	DNT
Beta activity		122	pCi/g	6.8	5.6	SW846-9310
Cesium-137	U	0.7	pCi/g	0	0.7	DNT
Cesium-137	X	0.544	pCi/g	0.0785	0.0677	RL-7124
Cobalt-60	U	0.96	pCi/g	0	0.96	DNT
Neptunium-237		0.367	pCi/g	0.0882	0.104	RL-7124
Plutonium-239/240		0.109	pCi/g	0.039	0.086	RL-7120
Protactinium-234m	U	130	pCi/g	0	130	DNT
Radium-226		1.8	pCi/g	3.6	0.695	RL-7124
Technetium-99		8.38	pCi/g	3.42	4.26	RL-7116
Thorium-234		52.9	pCi/g	106	3.15	RL-7124
Thorium-234		107	pCi/g	33	31	DNT
Uranium		84.5	pCi/g	15.5	3.58	RL-7124
Uranium-234		26.4	pCi/g	4.86	1.12	RL-7124
Uranium-235		0.458	wt %			AS7300
Uranium-235		0.44	wt %	0.04		RL-7124
Uranium-235	U	5.6	pCi/g	0	5.6	DNT
Uranium-238		56.5	pCi/g	3.58	2.4	RL-7124
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.519	mg/kg		0.519	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260

004-056

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.519	mg/kg	0.519	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	BJ	0.046	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.519	mg/kg	0.519	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.519	mg/kg	0.519	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.519	mg/kg	0.519	SW846-8021 M
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

004-056

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SA006C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1221	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1232	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1242	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1248	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1254	U	0.109	mg/kg		0.109	SW846-8082 M
PCB-1260	U	0.109	mg/kg		0.109	SW846-8082 M
RADS						
Alpha activity		32.7	pCi/g	7.7	7	SW846-9310
Americium-241	U	5.9	pCi/g	0	5.9	DNT
Beta activity		25	pCi/g	4.2	5.3	SW846-9310
Cesium-137	U	0.96	pCi/g	0	0.96	DNT
Cobalt-60	U	5.1	pCi/g	0	5.1	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	7.6	pCi/g	0	7.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.453	mg/kg		0.453	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.014	mg/kg		0.014	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.14	mg/kg		0.14	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.453	mg/kg		0.453	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

004-056**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.453 mg/kg	0.453	SW846-8021 M
trans-1,2-Dichloroethene	U	0.14 mg/kg	0.14	OA33499026
trans-1,2-Dichloroethene	JU	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0014 mg/kg	0.0014	OA33499026
Trichloroethene	U	0.453 mg/kg	0.453	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.453 mg/kg	0.453	SW846-8021 M
Vinyl chloride	JU	0.01 mg/kg	0.01	SW846-8260
Vinyl chloride	U	10 mg/kg	10	OA33499026

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SA009C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1221	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1232	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1242	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1248	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1254	U	0.111	mg/kg		0.111	SW846-8082 M
PCB-1260	U	0.111	mg/kg		0.111	SW846-8082 M
RADS						
Alpha activity		28.4	pCi/g	7.6	7.8	SW846-9310
Americium-241	U	7.9	pCi/g	0	7.9	DNT
Beta activity		23.8	pCi/g	4.1	5.2	SW846-9310
Cesium-137	U	0.84	pCi/g	0	0.84	DNT
Cobalt-60	U	4.4	pCi/g	0	4.4	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	7.7	pCi/g	0	7.7	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.438	mg/kg		0.438	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.438	mg/kg		0.438	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-056**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.438	mg/kg	0.438	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.438	mg/kg	0.438	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.438	mg/kg	0.438	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SA015C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		14.8	pCi/g	5.9	7	SW846-9310
Americium-241	U	2.8	pCi/g	0	2.8	DNT
Beta activity		17.2	pCi/g	3.9	5.5	SW846-9310
Cesium-137	U	0.98	pCi/g	0	0.98	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.0848	pCi/g	0.569	4.26	RL-7116
Thorium-234	U	14	pCi/g	0	14	DNT
Uranium-235	U	6.3	pCi/g	0	6.3	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.331	mg/kg		0.331	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.331	mg/kg		0.331	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.331	mg/kg	0.331	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.331	mg/kg	0.331	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.331	mg/kg	0.331	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

004-056

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SA021C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PCCB						
PCB-1016	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1268	JU	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		31.4	pCi/g	7.2	6.4	SW846-9310
Americium-241	U	7.5	pCi/g	0	7.5	DNT
Beta activity		20.5	pCi/g	3.5	4.5	SW846-9310
Cesium-137	U	2.6	pCi/g	0	2.6	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	5.6	pCi/g	0	5.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.364	mg/kg		0.364	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.364	mg/kg	0.364	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.364	mg/kg	0.364	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.364	mg/kg	0.364	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.364	mg/kg	0.364	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SA025C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		15.4	pCi/g	5.9	7.1	SW846-9310
Americium-241	U	2.1	pCi/g	0	2.1	DNT
Beta activity		15.8	pCi/g	3.4	4.7	SW846-9310
Cesium-137	U	0.74	pCi/g	0	0.74	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	130	pCi/g	0	130	DNT
Thorium-234	U	10	pCi/g	0	10	DNT
Uranium-235	U	4.8	pCi/g	0	4.8	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.234	mg/kg		0.234	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.234	mg/kg		0.234	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.234	mg/kg		0.234	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.234	mg/kg		0.234	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg		0.01	SW846-8260
Vinyl chloride	U	0.234	mg/kg		0.234	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004-056

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004056SD009C

Collected: 8/30/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1221	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1232	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1242	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1248	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1254	U	0.113	mg/kg		0.113	SW846-8082 M
PCB-1260	U	0.113	mg/kg		0.113	SW846-8082 M
RADS						
Alpha activity		27.9	pCi/g	7.4	7.3	SW846-9310
Americium-241	U	7.2	pCi/g	0	7.2	DNT
Beta activity		21.7	pCi/g	4	5.2	SW846-9310
Cesium-137	U	2.9	pCi/g	0	2.9	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.26	RL-7116
Thorium-234	U	5.6	pCi/g	0	5.6	DNT
Uranium-235	U	2.5	pCi/g	0	2.5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.459	mg/kg		0.459	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.459	mg/kg		0.459	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-056**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.459	mg/kg	0.459	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.459	mg/kg	0.459	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.459	mg/kg	0.459	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA003C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082 M
PCB-1254	J	0.026	mg/kg		0.1	SW846-8082 M
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082 M
RADS						
Alpha activity		29.1	pCi/g	7.4	7.2	SW846-9310
Americium-241	U	8.4	pCi/g	0	8.4	DNT
Beta activity		29.1	pCi/g	4.2	5	SW846-9310
Cesium-137	U	0.77	pCi/g	0	0.77	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	500	pCi/g	0	500	DNT
Technetium-99	A	0.94	pCi/g	12.2	4.26	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	9.8	pCi/g	0	9.8	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.36	mg/kg		0.36	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.36	mg/kg		0.36	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.36	mg/kg	0.36	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.36	mg/kg	0.36	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.36	mg/kg	0.36	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA006C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.091	mg/kg		0.091	SW846-8082 M
PCB-1221	U	0.091	mg/kg		0.091	SW846-8082 M
PCB-1232	U	0.091	mg/kg		0.091	SW846-8082 M
PCB-1242	U	0.091	mg/kg		0.091	SW846-8082 M
PCB-1248	U	0.091	mg/kg		0.091	SW846-8082 M
PCB-1254	U	0.091	mg/kg		0.091	SW846-8082 M
PCB-1260	U	0.091	mg/kg		0.091	SW846-8082 M
RADS						
Alpha activity		19.6	pCi/g	6.7	8.1	SW846-9310
Americium-241	U	7.9	pCi/g	0	7.9	DNT
Beta activity		25.8	pCi/g	3.9	4.9	SW846-9310
Cesium-137	U	0.84	pCi/g	0	0.84	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0.688	pCi/g	3.64	4.09	RL-7116
Thorium-234	U	15	pCi/g	0	15	DNT
Uranium-235	U	7.7	pCi/g	0	7.7	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.385	mg/kg		0.385	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.385	mg/kg		0.385	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.385	mg/kg	0.385	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.385	mg/kg	0.385	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.385	mg/kg	0.385	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA009C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	108	mg/kg		108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		15.2	pCi/g	6	7.3	SW846-9310
Americium-241	U	6.8	pCi/g	0	6.8	DNT
Beta activity		24.6	pCi/g	4.4	5.6	SW846-9310
Cesium-137	U	0.9	pCi/g	0	0.9	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0.0385	pCi/g	0.119	4.26	RL-7116
Thorium-234	U	22	pCi/g	0	22	DNT
Uranium-235	U	7.2	pCi/g	0	7.2	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
1,1-Dichloroethene	U	0.012	mg/kg		0.012	OA33499026
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
cis-1,2-Dichloroethene	U	0.12	mg/kg		0.12	OA33499026
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

004-057**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.388	mg/kg	0.388	SW846-8021 M
trans-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.388	mg/kg	0.388	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	10	mg/kg	10	OA33499026
Vinyl chloride	U	0.388	mg/kg	0.388	SW846-8021 M

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA012C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PCCB						
PCB-1016	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	108	mg/kg		108	SW846-8082 M
PCB-1221	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1260	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1268	JU	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		11.1	pCi/g	5.2	6.7	SW846-9310
Americium-241	U	2.4	pCi/g	0	2.4	DNT
Beta activity		19.6	pCi/g	4	5.3	SW846-9310
Cesium-137	U	0.84	pCi/g	0	0.84	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	1.92	pCi/g	2.86	4.09	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	2.2	pCi/g	0	2.2	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.341	mg/kg		0.341	SW846-8021 M
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.341	mg/kg	0.341	SW846-8021 M
Vinyl chloride	U	0.341	mg/kg	0.341	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA015C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		18.5	pCi/g	6.4	6.7	SW846-9310
Americium-241	U	6.4	pCi/g	0	6.4	DNT
Beta activity		17.9	pCi/g	4.8	6.7	SW846-9310
Cesium-137	U	0.85	pCi/g	0	0.85	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	5.4	pCi/g	0	5.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.399	mg/kg		0.399	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.399	mg/kg		0.399	SW846-8021 M
cis-1,2-Dichloroethene	UX	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

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ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.399	mg/kg	0.399	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.399	mg/kg	0.399	SW846-8021 M
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.399	mg/kg	0.399	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

004-057

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA021C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1221	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1232	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1242	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1248	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1254	U	0.104	mg/kg		0.104	SW846-8082 M
PCB-1260	U	0.104	mg/kg		0.104	SW846-8082 M
RADS						
Alpha activity		14.7	pCi/g	5.8	6.9	SW846-9310
Alpha activity		3.38	pCi/g	0.6	0.77	RL-7111
Americium-241	U	2.3	pCi/g	0	2.3	DNT
Beta activity		2.82	pCi/g	0.33	0.75	RL-7111
Beta activity		19.6	pCi/g	3.8	5	SW846-9310
Cesium-137	U	0.79	pCi/g	0	0.79	DNT
Cobalt-60	U	4.2	pCi/g	0	4.2	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.09	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	5	pCi/g	0	5	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.345	mg/kg		0.345	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.345	mg/kg		0.345	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260

004-057**ERI99-W3C-4****Contingency WAG 3 - SWMU 4**

Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.345	mg/kg	0.345	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.345	mg/kg	0.345	SW846-8021 M
Vinyl chloride	U	0.345	mg/kg	0.345	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

004-057

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

004057SA025C

Collected: 8/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
PPCB						
PCB-1016	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1221	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1232	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1242	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1248	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1254	U	0.103	mg/kg		0.103	SW846-8082 M
PCB-1260	U	0.103	mg/kg		0.103	SW846-8082 M
RADS						
Alpha activity		16.9	pCi/g	6.2	7.1	SW846-9310
Americium-241	U	8.7	pCi/g	0	8.7	DNT
Beta activity		14.9	pCi/g	4	5.8	SW846-9310
Cesium-137	U	0.85	pCi/g	0	0.85	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	0.377	pCi/g	0.945	4.09	RL-7116
Thorium-234	U	12	pCi/g	0	12	DNT
Uranium-235	U	9.4	pCi/g	0	9.4	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.32	mg/kg		0.32	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg		0.01	SW846-8260
Chloroform	U	0.01	mg/kg		0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.32	mg/kg		0.32	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260

004-057

ERI99-W3C-4

Contingency WAG 3 - SWMU 4

Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.32	mg/kg	0.32	SW846-8021 M
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.32	mg/kg	0.32	SW846-8021 M
Vinyl chloride	U	0.32	mg/kg	0.32	SW846-8021 M
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006028SA005C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8240	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		77.8	mg/kg		1	SW846-6010A
Beryllium		2.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		463	mg/kg		50	SW846-6010A
Chromium		17.5	mg/kg		2	SW846-6010A
Cobalt		6.81	mg/kg		1	SW846-6010A
Copper		19.2	mg/kg		2	SW846-6010A
Iron	NW	54200	mg/kg		50	SW846-6010A
Lead		35.4	mg/kg		20	SW846-6010A
Magnesium	N	644	mg/kg		15	SW846-6010A
Manganese	N	353	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	366	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	264	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		65.6	mg/kg		2	SW846-6010A
Zinc		35.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1221	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1232	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1242	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1248	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1254	U	0.11	mg/kg		0.11	SW846-8082 M
PCB-1260	U	0.11	mg/kg		0.11	SW846-8082 M
RADS						
Alpha activity		16.6	pCi/g	6.4	7.9	SW846-9310
Americium-241	U	8.5	pCi/g	0	8.5	DNT
Beta activity		19.8	pCi/g	4	5.4	SW846-9310
Cesium-137	U	0.91	pCi/g	0	0.91	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	18	pCi/g	0	18	DNT
Uranium-235	U	2.4	pCi/g	0	2.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

006-028**ERI99-W3C-6****Contingency WAG 3 - SWMU 6**

Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1-Dichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
cis-1,2-Dichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
trans-1,2-Dichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
Trichloroethene	U	0.392 mg/kg	0.392	SW846-8021 M
Vinyl chloride	U	0.392 mg/kg	0.392	SW846-8021 M
WETCHEM				
Cyanide	NU	1 mg/kg	1	SW846-9014

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006028SA010C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	6120	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		67.6	mg/kg		1	SW846-6010A
Beryllium		0.64	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		866	mg/kg		50	SW846-6010A
Chromium		8.17	mg/kg		2	SW846-6010A
Cobalt		2.27	mg/kg		1	SW846-6010A
Copper		5.63	mg/kg		2	SW846-6010A
Iron	NW	10700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	819	mg/kg		15	SW846-6010A
Manganese	N	79.3	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	164	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	343	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25	mg/kg		2	SW846-6010A
Zinc		17.8	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		17.9	pCi/g	6.5	7.7	SW846-9310
Americium-241	U	7.1	pCi/g	0	7.1	DNT
Beta activity		17.7	pCi/g	3.9	5.3	SW846-9310
Cesium-137	U	0.94	pCi/g	0	0.94	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	6	pCi/g	0	6	DNT
VOA						
1,1-Dichloroethene	U	0.444	mg/kg		0.444	SW846-8021 M
cis-1,2-Dichloroethene	U	0.444	mg/kg		0.444	SW846-8021 M
trans-1,2-Dichloroethene	U	0.444	mg/kg		0.444	SW846-8021 M
Trichloroethene	U	0.444	mg/kg		0.444	SW846-8021 M
Vinyl chloride	U	0.444	mg/kg		0.444	SW846-8021 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006028SA015C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	7520	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		33.4	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		711	mg/kg		50	SW846-6010A
Chromium		4.93	mg/kg		2	SW846-6010A
Cobalt		4.07	mg/kg		1	SW846-6010A
Copper		2.64	mg/kg		2	SW846-6010A
Iron	NW	7690	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	526	mg/kg		15	SW846-6010A
Manganese	N	157	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	161	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	234	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		15.5	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		14.9	pCi/g	6.4	8.4	SW846-9310
Americium-241	U	2.6	pCi/g	0	2.6	DNT
Beta activity		15	pCi/g	3.8	5.4	SW846-9310
Cesium-137	U	0.91	pCi/g	0	0.91	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	24	pCi/g	0	24	DNT
Uranium-235	U	10	pCi/g	0	10	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,4-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

1,4-Dichlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.45 mg/kg	0.45	SW846-8270
2,4,6-Trichlorophenol	U	0.45 mg/kg	0.45	SW846-8270
2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.45 mg/kg	0.45	SW846-8270
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.45 mg/kg	0.45	SW846-8270
2,4-Dinitrophenol	U	0.45 mg/kg	0.45	SW846-8270
2,4-Dinitrotoluene	U	0.45 mg/kg	0.45	SW846-8270
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.45 mg/kg	0.45	SW846-8270
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.45 mg/kg	0.45	SW846-8270
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.45 mg/kg	0.45	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.45 mg/kg	0.45	SW846-8270
2-Methylnaphthalene	U	0.45 mg/kg	0.45	SW846-8270
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.45 mg/kg	0.45	SW846-8270
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.45 mg/kg	0.45	SW846-8270
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.45 mg/kg	0.45	SW846-8270
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.45 mg/kg	0.45	SW846-8270
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.45 mg/kg	0.45	SW846-8270
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.45 mg/kg	0.45	SW846-8270
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.45 mg/kg	0.45	SW846-8270
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.45 mg/kg	0.45	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.45 mg/kg	0.45	SW846-8270
4-Methylphenol	U	0.45 mg/kg	0.45	SW846-8270
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.45 mg/kg	0.45	SW846-8270
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.45 mg/kg	0.45	SW846-8270
Acenaphthene	U	0.45 mg/kg	0.45	SW846-8270
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.45 mg/kg	0.45	SW846-8270
Anthracene	U	0.45 mg/kg	0.45	SW846-8270
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.45 mg/kg	0.45	SW846-8270
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.45 mg/kg	0.45	SW846-8270

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(k)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Carbazole	U	0.45	mg/kg	0.45	SW846-8270
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.45	mg/kg	0.45	SW846-8270
Dibenz(a,h)anthracene	U	0.45	mg/kg	0.45	SW846-8270
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.45	mg/kg	0.45	SW846-8270
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.45	mg/kg	0.45	SW846-8270
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	0.67	mg/kg	0.45	SW846-8270
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.45	mg/kg	0.45	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Fluorene	U	0.45	mg/kg	0.45	SW846-8270
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorobutadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.45	mg/kg	0.45	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.45	mg/kg	0.45	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.45	mg/kg	0.45	SW846-8270
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.45	mg/kg	0.45	SW846-8270
Naphthalene	U	0.45	mg/kg	0.45	SW846-8270
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.45	mg/kg	0.45	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.45	mg/kg	0.45	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

N-Nitrosodiphenylamine	U	0.45	mg/kg	0.45	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.45	mg/kg	0.45	SW846-8270
Phenanthrene	U	0.45	mg/kg	0.45	SW846-8270
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.45	mg/kg	0.45	SW846-8270
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.45	mg/kg	0.45	SW846-8270
Pyridine	U	0.45	mg/kg	0.45	SW846-8270
VOA					
1,1-Dichloroethene	U	0.404	mg/kg	0.404	SW846-8021 M
cis-1,2-Dichloroethene	U	0.404	mg/kg	0.404	SW846-8021 M
trans-1,2-Dichloroethene	U	0.404	mg/kg	0.404	SW846-8021 M
Trichloroethene	U	0.404	mg/kg	0.404	SW846-8021 M
Vinyl chloride	U	0.404	mg/kg	0.404	SW846-8021 M
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014

006028SA022C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

Analysis	Qualifiers*	Results	Units	Counting Error (+/-)	Detect Limit	Method
RADS						
Alpha activity		2.97	pCi/g	0.61	0.87	RL-7111
Alpha activity		15.2	pCi/g	6.5	8.6	SW846-9310
Americium-241	U	4.7	pCi/g	0	4.7	DNT
Beta activity		2.49	pCi/g	0.31	0.8	RL-7111
Beta activity		11.5	pCi/g	3.8	5.8	SW846-9310
Cesium-137	U	0.76	pCi/g	0	0.76	DNT
Cobalt-60	U	1	pCi/g	0	1	DNT
Protactinium-234m	U	140	pCi/g	0	140	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	13	pCi/g	0	13	DNT
Uranium-235	U	2	pCi/g	0	2	DNT
VOA						
1,1-Dichloroethene	U	0.294	mg/kg		0.294	SW846-8021 M
cis-1,2-Dichloroethene	U	0.294	mg/kg		0.294	SW846-8021 M
trans-1,2-Dichloroethene	U	0.294	mg/kg		0.294	SW846-8021 M
Trichloroethene	U	0.294	mg/kg		0.294	SW846-8021 M
Vinyl chloride	U	0.294	mg/kg		0.294	SW846-8021 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006028SA030C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4260	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		16.3	mg/kg		1	SW846-6010A
Beryllium		0.6	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1400	mg/kg		50	SW846-6010A
Chromium		9.48	mg/kg		2	SW846-6010A
Cobalt		1.94	mg/kg		1	SW846-6010A
Copper		3.36	mg/kg		2	SW846-6010A
Iron	NW	16800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	494	mg/kg		15	SW846-6010A
Manganese	N	63.2	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	149	mg/kg		100	SW846-6010A
Selenium	BUW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	257	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		31.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1016	U	106	mg/kg		106	SW846-8082 M
PCB-1221	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1260	JU	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1268	JU	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		24.4	pCi/g	7.3	7.9	SW846-9310
Americium-241	U	6	pCi/g	0	6	DNT
Beta activity		15	pCi/g	4.2	6	SW846-9310
Cesium-137	U	0.97	pCi/g	0	0.97	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

Uranium-235	U	2.6	pCi/g	0	2.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5	mg/kg		0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5	mg/kg		0.5	SW846-8270 M
4-Methylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg		0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg		0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg		0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5	mg/kg		0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg		0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg		0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg		0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg		0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg		0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg		0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg		0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg		0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M

VOA

1,1-Dichloroethene	U	0.444	mg/kg	0.444	SW846-8021 M
cis-1,2-Dichloroethene	U	0.444	mg/kg	0.444	SW846-8021 M
trans-1,2-Dichloroethene	U	0.444	mg/kg	0.444	SW846-8021 M
Trichloroethene	U	0.444	mg/kg	0.444	SW846-8021 M
Vinyl chloride	U	0.444	mg/kg	0.444	SW846-8021 M

WETCHEM

Cyanide	NU	1	mg/kg	1	SW846-9014
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006028SA035C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1-Dichloroethene	U	0.399	mg/kg		0.399	SW846-8021 M
cis-1,2-Dichloroethene	U	0.399	mg/kg		0.399	SW846-8021 M
trans-1,2-Dichloroethene	U	0.399	mg/kg		0.399	SW846-8021 M
Trichloroethene	U	0.399	mg/kg		0.399	SW846-8021 M
Vinyl chloride	U	0.399	mg/kg		0.399	SW846-8021 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006029SA005C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8970	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	W	5.76	mg/kg		5	SW846-7060
Barium		86.3	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1800	mg/kg		50	SW846-6010A
Chromium		9.06	mg/kg		2	SW846-6010A
Cobalt		4.57	mg/kg		1	SW846-6010A
Copper		7.45	mg/kg		2	SW846-6010A
Iron	NW	10700	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	855	mg/kg		15	SW846-6010A
Manganese	N	349	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	403	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	313	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		17.9	mg/kg		2	SW846-6010A
Zinc		28.1	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1221	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1232	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1242	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1248	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1254	U	0.108	mg/kg		0.108	SW846-8082 M
PCB-1260	U	0.108	mg/kg		0.108	SW846-8082 M
RADS						
Alpha activity		18.1	pCi/g	6.4	7.5	SW846-9310
Americium-241	U	6.1	pCi/g	0	6.1	DNT
Beta activity		21.9	pCi/g	3.8	4.9	SW846-9310
Cesium-137	U	3	pCi/g	0	3	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	7.9	pCi/g	0	7.9	DNT
VOA						
1,1-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
cis-1,2-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
trans-1,2-Dichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
Trichloroethene	U	0.388	mg/kg		0.388	SW846-8021 M
Vinyl chloride	U	0.388	mg/kg		0.388	SW846-8021 M
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006029SA010C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	9760	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		98.6	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1530	mg/kg		50	SW846-6010A
Chromium		12.8	mg/kg		2	SW846-6010A
Cobalt		2.93	mg/kg		1	SW846-6010A
Copper		7.61	mg/kg		2	SW846-6010A
Iron	NW	11800	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	1440	mg/kg		15	SW846-6010A
Manganese	N	143	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.71	mg/kg		5	SW846-6010A
Potassium	*N	419	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	N	410	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		24.4	mg/kg		2	SW846-6010A
Zinc		34.7	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	106	mg/kg		106	SW846-8082 M
PCB-1221	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1232	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1242	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1248	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1254	U	0.106	mg/kg		0.106	SW846-8082 M
PCB-1260	U	0.106	mg/kg		0.106	SW846-8082 M
RADS						
Alpha activity		17.4	pCi/g	6.3	7.7	SW846-9310
Americium-241	U	6.3	pCi/g	0	6.3	DNT
Beta activity		18.6	pCi/g	3.7	5	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	660	pCi/g	0	660	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
VOA						
1,1-Dichloroethene	U	0.35	mg/kg		0.35	SW846-8021 M
cis-1,2-Dichloroethene	U	0.35	mg/kg		0.35	SW846-8021 M
trans-1,2-Dichloroethene	U	0.35	mg/kg		0.35	SW846-8021 M
Trichloroethene	U	0.35	mg/kg		0.35	SW846-8021 M
Vinyl chloride	U	0.35	mg/kg		0.35	SW846-8021 M
WETCHEM						
Cyanide	NU	1	mg/kg		1	SW846-9014

006-029

ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006-029

ERI99-W3C-6

Contingency WAG 3 - SWMU 6

006029SA015C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	8140	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		50.1	mg/kg		1	SW846-6010A
Beryllium		0.7	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		977	mg/kg		50	SW846-6010A
Chromium		10.2	mg/kg		2	SW846-6010A
Cobalt		7.75	mg/kg		1	SW846-6010A
Copper		4.34	mg/kg		2	SW846-6010A
Iron	NW	11600	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Magnesium	N	892	mg/kg		15	SW846-6010A
Manganese	N	174	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium	*N	229	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	JN	319	mg/kg		200	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		25	mg/kg		2	SW846-6010A
Zinc		17.4	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1221	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1232	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1242	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1248	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1254	U	0.107	mg/kg		0.107	SW846-8082 M
PCB-1260	U	0.107	mg/kg		0.107	SW846-8082 M
RADS						
Alpha activity		15.3	pCi/g	6.2	7.7	SW846-9310
Alpha activity		3.89	pCi/g	0.71	0.87	RL-7111
Americium-241	U	6.5	pCi/g	0	6.5	DNT
Beta activity		17.3	pCi/g	4.2	5.7	SW846-9310
Beta activity		1.86	pCi/g	0.26	0.8	RL-7111
Cesium-137	U	0.86	pCi/g	0	0.86	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

2,4,6-Trichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3,3'-Dichlorobenzidine	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.5 mg/kg	0.5	SW846-8270 M
4-Methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroisopropyl) ether	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M

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ERI99-W3C-6

Contingency WAG 3 - SWMU 6

Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
1,1-Dichloroethene	U	0.012	mg/kg	0.012	OA33499026
cis-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
cis-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
trans-1,2-Dichloroethene	U	0.12	mg/kg	0.12	OA33499026
trans-1,2-Dichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Trichloroethene	U	0.353	mg/kg	0.353	SW846-8021 M
Trichloroethene	U	0.0012	mg/kg	0.0012	OA33499026
Vinyl chloride	U	0.353	mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	10	mg/kg	10	OA33499026
WETCHEM					
Cyanide	NU	1	mg/kg	1	SW846-9014

006029SA022C

Collected: 8/21/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		19.2	pCi/g	6.4	7.2	SW846-9310
Americium-241	U	4.9	pCi/g	0	4.9	DNT
Beta activity		9.9	pCi/g	3.6	5.5	SW846-9310
Cesium-137	U	0.66	pCi/g	0	0.66	DNT
Cobalt-60	U	0.9	pCi/g	0	0.9	DNT
Protactinium-234m	U	120	pCi/g	0	120	DNT
Technetium-99	A	0	pCi/g	0	4.45	RL-7116
Thorium-234	U	3.8	pCi/g	0	3.8	DNT
Uranium-235	U	1.7	pCi/g	0	1.7	DNT
VOA						
1,1-Dichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
cis-1,2-Dichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
trans-1,2-Dichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
Trichloroethene	U	0.316	mg/kg		0.316	SW846-8021 M
Vinyl chloride	U	0.316	mg/kg		0.316	SW846-8021 M

DG-029

ERI99-W-DGC

Data Gaps Contingency

DG029SA013C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Alpha activity		17.7	pCi/g	6.4	6.7	SW846-9310
Americium-241	U	8	pCi/g	0	8	DNT
Beta activity		12.1	pCi/g	4.3	6.4	SW846-9310
Cesium-137	U	0.94	pCi/g	0	0.94	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.894	pCi/g	4.04	4.26	RL-7116
Thorium-234	U	19	pCi/g	0	19	DNT
Uranium-235	U	8.6	pCi/g	0	8.6	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	JU	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg		0.25	SW846-8260A
Acetone	JU	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	U	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Chloroethane	JU	0.02	mg/kg		0.02	SW846-8260A
Chloroform	U	0.01	mg/kg		0.01	SW846-8260A
Chloromethane	U	0.02	mg/kg		0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
cis-1,2-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02	mg/kg		0.02	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.31	mg/kg		0.31	SW846-8021 M
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

DG-029

ERI99-W-DGC

Data Gaps Contingency

Vinyl chloride	U	0.31	mg/kg	0.31	SW846-8021 M
Vinyl chloride	U	0.005	mg/kg	0.005	SW846-8260A

DG-029

ERI99-W-DGC

Data Gaps Contingency

DG029SA019C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6310	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		40	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Boron	NU	100	mg/kg		100	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		941	mg/kg		50	SW846-6010A
Chromium		8.34	mg/kg		2	SW846-6010A
Cobalt		2.14	mg/kg		1	SW846-6010A
Copper		2.67	mg/kg		2	SW846-6010A
Iron	*NW	5160	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		2.54	mg/kg		2	SW846-6010A
Magnesium		566	mg/kg		15	SW846-6010A
Manganese	*	41	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium		128	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Strontium		6.61	mg/kg		2	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		12.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
PCCB						
PCB-1016	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1221	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1232	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1242	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1248	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1254	U	0.115	mg/kg		0.115	SW846-8082 M
PCB-1260	U	0.115	mg/kg		0.115	SW846-8082 M
RADS						
Alpha activity		18	pCi/g	6.1	6	SW846-9310
Americium-241	U	7.1	pCi/g	0	7.1	DNT
Beta activity		10	pCi/g	3.9	5.9	SW846-9310
Cesium-137	U	0.83	pCi/g	0	0.83	DNT
Cobalt-60	U	1.1	pCi/g	0	1.1	DNT
Protactinium-234m	U	150	pCi/g	0	150	DNT
Technetium-99	A	1.2	pCi/g	4.22	4.26	RL-7116
Thorium-234	U	12	pCi/g	0	12	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M

DG-029

ERI99-W-DGC

Data Gaps Contingency

2,4,5-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M

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ERI99-W-DGC

Data Gaps Contingency

1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260A
2-Butanone	JU	0.25	mg/kg	0.25	SW846-8260A
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg	0.25	SW846-8260A
Acetone	JU	0.25	mg/kg	0.25	SW846-8260A
Benzene	U	0.01	mg/kg	0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260A
Bromoform	U	0.01	mg/kg	0.01	SW846-8260A
Bromomethane	U	0.02	mg/kg	0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260A
Chloroethane	JU	0.02	mg/kg	0.02	SW846-8260A
Chloroform	U	0.01	mg/kg	0.01	SW846-8260A
Chloromethane	U	0.02	mg/kg	0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260A
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02	mg/kg	0.02	SW846-8260A
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg	0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260A
Styrene	U	0.01	mg/kg	0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260A
Toluene	U	0.01	mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.366	mg/kg	0.366	SW846-8021 M
Vinyl chloride	U	0.005	mg/kg	0.005	SW846-8260A
Vinyl chloride	U	0.366	mg/kg	0.366	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W-DGC

Data Gaps Contingency

DG029SA025C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5990	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		37.1	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Boron	NU	100	mg/kg		100	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1030	mg/kg		50	SW846-6010A
Chromium		9.85	mg/kg		2	SW846-6010A
Cobalt		15	mg/kg		1	SW846-6010A
Copper		2.55	mg/kg		2	SW846-6010A
Iron	*NW	7060	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		3.47	mg/kg		2	SW846-6010A
Magnesium		518	mg/kg		15	SW846-6010A
Manganese	*	57	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	U	5	mg/kg		5	SW846-6010A
Potassium		169	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium	U	200	mg/kg		200	SW846-6010A
Strontium		6.27	mg/kg		2	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		18.6	mg/kg		2	SW846-6010A
Zinc	U	15	mg/kg		15	SW846-6010A
RADS						
Alpha activity		16.3	pCi/g	6.3	6.7	SW846-9310
Americium-241	U	7.7	pCi/g	0	7.7	DNT
Beta activity		12.1	pCi/g	4.4	6.6	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	180	pCi/g	0	180	DNT
Technetium-99	A	0.647	pCi/g	6.89	4.26	RL-7116
Thorium-234	U	23	pCi/g	0	23	DNT
Uranium-235	U	9.4	pCi/g	0	9.4	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W-DGC

Data Gaps Contingency

2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.026 mg/kg	0.026	OA33499026
1,1-Dichloroethene	U	0.376 mg/kg	0.376	SW846-8021 M
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
2-Butanone	JU	0.25 mg/kg	0.25	SW846-8260A
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260A
4-Methyl-2-pentanone	U	0.25 mg/kg	0.25	SW846-8260A

DG-029**ERI99-W-DGC****Data Gaps Contingency**

Acetone	JU	0.25 mg/kg	0.25	SW846-8260A
Benzene	U	0.01 mg/kg	0.01	SW846-8260A
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Bromoform	U	0.01 mg/kg	0.01	SW846-8260A
Bromomethane	U	0.02 mg/kg	0.02	SW846-8260A
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260A
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260A
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260A
Chloroethane	JU	0.02 mg/kg	0.02	SW846-8260A
Chloroform	U	0.01 mg/kg	0.01	SW846-8260A
Chloromethane	U	0.02 mg/kg	0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
cis-1,2-Dichloroethene	U	0.376 mg/kg	0.376	SW846-8021 M
cis-1,2-Dichloroethene	U	0.26 mg/kg	0.26	OA33499026
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02 mg/kg	0.02	SW846-8260A
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
m,p-Xylene	U	0.01 mg/kg	0.01	SW846-8260A
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260A
Styrene	U	0.01 mg/kg	0.01	SW846-8260A
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Toluene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.26 mg/kg	0.26	OA33499026
trans-1,2-Dichloroethene	U	0.376 mg/kg	0.376	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.376 mg/kg	0.376	SW846-8021 M
Trichloroethene	U	0.0026 mg/kg	0.0026	OA33499026
Vinyl chloride	U	13 mg/kg	13	OA33499026
Vinyl chloride	U	0.005 mg/kg	0.005	SW846-8260A
Vinyl chloride	U	0.376 mg/kg	0.376	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

DG-029

ERI99-W-DGC

Data Gaps Contingency

DG029SA031C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8180	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		41.7	mg/kg		1	SW846-6010A
Beryllium		1.1	mg/kg		0.5	SW846-6010A
Boron	NU	100	mg/kg		100	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1080	mg/kg		50	SW846-6010A
Chromium		14.8	mg/kg		2	SW846-6010A
Cobalt		4.15	mg/kg		1	SW846-6010A
Copper		4.4	mg/kg		2	SW846-6010A
Iron	*NW	19100	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		5.08	mg/kg		2	SW846-6010A
Magnesium		744	mg/kg		15	SW846-6010A
Manganese	*	52.9	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.31	mg/kg		5	SW846-6010A
Potassium		444	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		212	mg/kg		200	SW846-6010A
Strontium		8.63	mg/kg		2	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		29.1	mg/kg		2	SW846-6010A
Zinc		27.7	mg/kg		15	SW846-6010A
RADS						
Alpha activity		25.2	pCi/g	7.7	7.9	SW846-9310
Americium-241	U	9.8	pCi/g	0	9.8	DNT
Beta activity		16.6	pCi/g	3.8	5.1	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	0.647	pCi/g	3.11	4.26	RL-7116
Thorium-234	U	25	pCi/g	0	25	DNT
Uranium-235	U	6.7	pCi/g	0	6.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W-DGC

Data Gaps Contingency

2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.359 mg/kg	0.359	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
2-Butanone	JU	0.25 mg/kg	0.25	SW846-8260A
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260A
4-Methyl-2-pentanone	U	0.25 mg/kg	0.25	SW846-8260A
Acetone	JU	0.25 mg/kg	0.25	SW846-8260A

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ERI99-W-DGC

Data Gaps Contingency

Benzene	U	0.01	mg/kg	0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260A
Bromoform	U	0.01	mg/kg	0.01	SW846-8260A
Bromomethane	U	0.02	mg/kg	0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260A
Chloroethane	JU	0.02	mg/kg	0.02	SW846-8260A
Chloroform	U	0.01	mg/kg	0.01	SW846-8260A
Chloromethane	U	0.02	mg/kg	0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.359	mg/kg	0.359	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260A
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02	mg/kg	0.02	SW846-8260A
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg	0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260A
Styrene	U	0.01	mg/kg	0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260A
Toluene	U	0.01	mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.359	mg/kg	0.359	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.359	mg/kg	0.359	SW846-8021 M
Vinyl chloride	U	0.005	mg/kg	0.005	SW846-8260A
Vinyl chloride	U	0.359	mg/kg	0.359	SW846-8021 M
WETCHEM					
Cyanide	U	1	mg/kg	1	SW846-9014

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ERI99-W-DGC

Data Gaps Contingency

DG029SA034C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12000	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		68.8	mg/kg		1	SW846-6010A
Beryllium		1.5	mg/kg		0.5	SW846-6010A
Boron	NU	100	mg/kg		100	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		1970	mg/kg		50	SW846-6010A
Chromium		13.9	mg/kg		2	SW846-6010A
Cobalt		5.81	mg/kg		1	SW846-6010A
Copper		7.03	mg/kg		2	SW846-6010A
Iron	*NW	18900	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		7.5	mg/kg		2	SW846-6010A
Magnesium		1540	mg/kg		15	SW846-6010A
Manganese	*	102	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.2	mg/kg		5	SW846-6010A
Potassium		1030	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		272	mg/kg		200	SW846-6010A
Strontium		15.3	mg/kg		2	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		19.3	mg/kg		2	SW846-6010A
Zinc		42.7	mg/kg		15	SW846-6010A
RADS						
Alpha activity		13.5	pCi/g	6.4	7.9	SW846-9310
Americium-241	U	11	pCi/g	0	11	DNT
Beta activity		22	pCi/g	4.6	5.9	SW846-9310
Cesium-137	U	1.1	pCi/g	0	1.1	DNT
Cobalt-60	U	1.5	pCi/g	0	1.5	DNT
Protactinium-234m	U	200	pCi/g	0	200	DNT
Technetium-99	A	0.102	pCi/g	0.283	4.26	RL-7116
Thorium-234	U	6.3	pCi/g	0	6.3	DNT
Uranium-235	U	8.7	pCi/g	0	8.7	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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ERI99-W-DGC

Data Gaps Contingency

2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5	mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5	mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5	mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5	mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5	mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5	mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5	mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5	mg/kg	0.5	SW846-8270 M
Phenol	U	0.5	mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5	mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.425	mg/kg	0.425	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260A
2-Butanone	JU	0.25	mg/kg	0.25	SW846-8260A
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260A
4-Methyl-2-pentanone	JU	0.25	mg/kg	0.25	SW846-8260A
Acetone	JU	0.25	mg/kg	0.25	SW846-8260A

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ERI99-W-DGC

Data Gaps Contingency

Benzene	U	0.01 mg/kg	0.01	SW846-8260A
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Bromoform	U	0.01 mg/kg	0.01	SW846-8260A
Bromomethane	U	0.02 mg/kg	0.02	SW846-8260A
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260A
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260A
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260A
Chloroethane	JU	0.02 mg/kg	0.02	SW846-8260A
Chloroform	U	0.01 mg/kg	0.01	SW846-8260A
Chloromethane	U	0.02 mg/kg	0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
cis-1,2-Dichloroethene	U	0.425 mg/kg	0.425	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02 mg/kg	0.02	SW846-8260A
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
m,p-Xylene	U	0.01 mg/kg	0.01	SW846-8260A
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260A
Styrene	U	0.01 mg/kg	0.01	SW846-8260A
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Toluene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.425 mg/kg	0.425	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.425 mg/kg	0.425	SW846-8021 M
Vinyl chloride	U	0.005 mg/kg	0.005	SW846-8260A
Vinyl chloride	U	0.425 mg/kg	0.425	SW846-8021 M
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

DG-029

ERI99-W-DGC

Data Gaps Contingency

DG029SA037C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	16200	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		77.3	mg/kg		1	SW846-6010A
Beryllium		1.88	mg/kg		0.5	SW846-6010A
Boron	NU	100	mg/kg		100	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	*N	2050	mg/kg		50	SW846-6010A
Chromium		22.2	mg/kg		2	SW846-6010A
Cobalt		6.52	mg/kg		1	SW846-6010A
Copper		9.54	mg/kg		2	SW846-6010A
Iron	*NW	25200	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		9.95	mg/kg		2	SW846-6010A
Magnesium	*N	2060	mg/kg		15	SW846-6010A
Manganese	*N	104	mg/kg		1	SW846-6010A
Mercury	*NU	0.2	mg/kg		0.2	SW846-7471
Nickel		22.8	mg/kg		5	SW846-6010A
Potassium	*N	1300	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		280	mg/kg		200	SW846-6010A
Strontium		19.5	mg/kg		2	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		23.8	mg/kg		2	SW846-6010A
Zinc		59.1	mg/kg		15	SW846-6010A
RADS						
Alpha activity		26.9	pCi/g	8.3	9.4	SW846-9310
Americium-241	U	6.3	pCi/g	0	6.3	DNT
Beta activity		34.1	pCi/g	5.1	6.2	SW846-9310
Cesium-137	U	1	pCi/g	0	1	DNT
Cobalt-60	U	1.4	pCi/g	0	1.4	DNT
Protactinium-234m	U	190	pCi/g	0	190	DNT
Technetium-99	A	1.86	pCi/g	1.27	4.26	RL-7116
Thorium-234	U	21	pCi/g	0	21	DNT
Uranium-235	U	6.6	pCi/g	0	6.6	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2,4-Trichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,3-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.45	mg/kg		0.45	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.45	mg/kg		0.45	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.45	mg/kg		0.45	SW846-8270

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ERI99-W-DGC

Data Gaps Contingency

2,4-Dichlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dimethylphenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
2,4-Dinitrophenol	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dinitrotoluene	U	0.45	mg/kg	0.45	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.45	mg/kg	0.45	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Chloronaphthalene	U	0.45	mg/kg	0.45	SW846-8270
2-Chlorophenol	U	0.45	mg/kg	0.45	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methyl-4,6-dinitrophenol	U	0.45	mg/kg	0.45	SW846-8270
2-Methylnaphthalene	U	0.45	mg/kg	0.45	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0.5	SW846-8270 M
2-Methylphenol	U	0.45	mg/kg	0.45	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.45	mg/kg	0.45	SW846-8270
3,3'-Dichlorobenzidine	U	0.45	mg/kg	0.45	SW846-8270
3-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Bromophenyl phenyl ether	U	0.45	mg/kg	0.45	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.45	mg/kg	0.45	SW846-8270
4-Chlorobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Chlorophenyl phenyl ether	U	0.45	mg/kg	0.45	SW846-8270
4-Methylphenol	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrophenol	U	0.45	mg/kg	0.45	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.45	mg/kg	0.45	SW846-8270
Acenaphthene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5	mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.45	mg/kg	0.45	SW846-8270
Anthracene	U	0.45	mg/kg	0.45	SW846-8270
Anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.45	mg/kg	0.45	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(b)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(ghi)perylene	JU	0.45	mg/kg	0.45	SW846-8270
Benzo(k)fluoranthene	U	0.5	mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethoxy)methane	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0.5	SW846-8270 M
Bis(2-chloroethyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.45	mg/kg	0.45	SW846-8270
Bis(2-ethylhexyl)phthalate	UX	0.45	mg/kg	0.45	SW846-8270

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Data Gaps Contingency

Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Butyl benzyl phthalate	U	0.45 mg/kg	0.45	SW846-8270
Carbazole	U	0.45 mg/kg	0.45	SW846-8270
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.45 mg/kg	0.45	SW846-8270
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.45 mg/kg	0.45	SW846-8270
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.45 mg/kg	0.45	SW846-8270
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.45 mg/kg	0.45	SW846-8270
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.45 mg/kg	0.45	SW846-8270
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	B	0.81 mg/kg	0.45	SW846-8270
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.45 mg/kg	0.45	SW846-8270
Fluoranthene	U	0.45 mg/kg	0.45	SW846-8270
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.45 mg/kg	0.45	SW846-8270
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.45 mg/kg	0.45	SW846-8270
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.45 mg/kg	0.45	SW846-8270
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.45 mg/kg	0.45	SW846-8270
Hexachloroethane	U	0.45 mg/kg	0.45	SW846-8270
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.45 mg/kg	0.45	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.45 mg/kg	0.45	SW846-8270
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.45 mg/kg	0.45	SW846-8270
Nitrobenzene	U	0.45 mg/kg	0.45	SW846-8270
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.45 mg/kg	0.45	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.45 mg/kg	0.45	SW846-8270
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.45 mg/kg	0.45	SW846-8270
Phenanthrene	U	0.45 mg/kg	0.45	SW846-8270
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.45 mg/kg	0.45	SW846-8270
Pyrene	U	0.45 mg/kg	0.45	SW846-8270
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Pyridine	U	0.45 mg/kg	0.45	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A

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Data Gaps Contingency

1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
2-Butanone	JU	0.25 mg/kg	0.25	SW846-8260A
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260A
4-Methyl-2-pentanone	JU	0.25 mg/kg	0.25	SW846-8260A
Acetone	JU	0.25 mg/kg	0.25	SW846-8260A
Benzene	U	0.01 mg/kg	0.01	SW846-8260A
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Bromoform	U	0.01 mg/kg	0.01	SW846-8260A
Bromomethane	U	0.02 mg/kg	0.02	SW846-8260A
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260A
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260A
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260A
Chloroethane	JU	0.02 mg/kg	0.02	SW846-8260A
Chloroform	U	0.01 mg/kg	0.01	SW846-8260A
Chloromethane	U	0.02 mg/kg	0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
cis-1,2-Dichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02 mg/kg	0.02	SW846-8260A
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
m,p-Xylene	U	0.01 mg/kg	0.01	SW846-8260A
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260A
Styrene	U	0.01 mg/kg	0.01	SW846-8260A
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Toluene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.381 mg/kg	0.381	SW846-8021 M
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Vinyl chloride	U	0.381 mg/kg	0.381	SW846-8021 M
Vinyl chloride	U	0.005 mg/kg	0.005	SW846-8260A
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W-DGC

Data Gaps Contingency

DG029SA040C

Collected: 6/3/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	12200	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium		226	mg/kg		1	SW846-6010A
Beryllium		1.48	mg/kg		0.5	SW846-6010A
Boron	NU	100	mg/kg		100	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		2330	mg/kg		50	SW846-6010A
Chromium		25.1	mg/kg		2	SW846-6010A
Cobalt		6.64	mg/kg		1	SW846-6010A
Copper		11.1	mg/kg		2	SW846-6010A
Iron	*NW	22000	mg/kg		5	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		7.94	mg/kg		2	SW846-6010A
Magnesium		2160	mg/kg		15	SW846-6010A
Manganese	*	626	mg/kg		1	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		23.1	mg/kg		5	SW846-6010A
Potassium		941	mg/kg		100	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Sodium		281	mg/kg		200	SW846-6010A
Strontium		22	mg/kg		2	SW846-6010A
Thallium	U	15	mg/kg		15	SW846-6010A
Vanadium		20.9	mg/kg		2	SW846-6010A
Zinc		87.8	mg/kg		15	SW846-6010A
RADS						
Alpha activity		21.7	pCi/g	7.2	7.3	SW846-9310
Americium-241	U	8.1	pCi/g	0	8.1	DNT
Beta activity		21.4	pCi/g	4.5	5.9	SW846-9310
Cesium-137	U	2.8	pCi/g	0	2.8	DNT
Cobalt-60	U	1.3	pCi/g	0	1.3	DNT
Protactinium-234m	U	170	pCi/g	0	170	DNT
Technetium-99	A	0.494	pCi/g	1.19	4.26	RL-7116
Thorium-234	U	17	pCi/g	0	17	DNT
Uranium-235	U	2.5	pCi/g	0	2.5	DNT
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,2-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,3-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
1,4-Dichlorobenzene	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,5-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4,6-Trichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dichlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dimethylphenol	U	0.5	mg/kg		0.5	SW846-8270 M
2,4-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2,6-Dinitrotoluene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chloronaphthalene	U	0.5	mg/kg		0.5	SW846-8270 M
2-Chlorophenol	U	0.5	mg/kg		0.5	SW846-8270 M

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Data Gaps Contingency

2-Methylnaphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
2-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
3-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chloro-3-methylphenol	U	0.5 mg/kg	0.5	SW846-8270 M
4-Chlorobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrobenzenamine	U	0.5 mg/kg	0.5	SW846-8270 M
4-Nitrophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthene	U	0.5 mg/kg	0.5	SW846-8270 M
Acenaphthylene	U	0.5 mg/kg	0.5	SW846-8270 M
Anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benz(a)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(a)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(b)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Benzo(k)fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-chloroethoxy)methane	U	0.5 mg/kg	0.5	SW846-8270 M
Bis(2-ethylhexyl)phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Carbazole	U	0.5 mg/kg	0.5	SW846-8270 M
Chrysene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenz(a,h)anthracene	U	0.5 mg/kg	0.5	SW846-8270 M
Dibenzofuran	U	0.5 mg/kg	0.5	SW846-8270 M
Diethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Dimethyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-butyl phthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Di-n-octylphthalate	U	0.5 mg/kg	0.5	SW846-8270 M
Fluoranthene	U	0.5 mg/kg	0.5	SW846-8270 M
Fluorene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorobutadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachlorocyclopentadiene	U	0.5 mg/kg	0.5	SW846-8270 M
Hexachloroethane	U	0.5 mg/kg	0.5	SW846-8270 M
Indeno(1,2,3-cd)pyrene	U	0.5 mg/kg	0.5	SW846-8270 M
Isophorone	U	0.5 mg/kg	0.5	SW846-8270 M
Naphthalene	U	0.5 mg/kg	0.5	SW846-8270 M
Nitrobenzene	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitroso-di-n-propylamine	U	0.5 mg/kg	0.5	SW846-8270 M
N-Nitrosodiphenylamine	U	0.5 mg/kg	0.5	SW846-8270 M
Pentachlorophenol	U	0.5 mg/kg	0.5	SW846-8270 M
Phenanthrene	U	0.5 mg/kg	0.5	SW846-8270 M
Phenol	U	0.5 mg/kg	0.5	SW846-8270 M
Pyrene	U	0.5 mg/kg	0.5	SW846-8270 M

VOA

1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,1,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,1-Dichloroethene	U	0.353 mg/kg	0.353	SW846-8021 M
1,1-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
2-Butanone	JU	0.25 mg/kg	0.25	SW846-8260A
2-Hexanone	JU	0.01 mg/kg	0.01	SW846-8260A
4-Methyl-2-pentanone	JU	0.25 mg/kg	0.25	SW846-8260A
Acetone	JU	0.25 mg/kg	0.25	SW846-8260A

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ERI99-W-DGC

Data Gaps Contingency

Benzene	U	0.01 mg/kg	0.01	SW846-8260A
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Bromoform	U	0.01 mg/kg	0.01	SW846-8260A
Bromomethane	U	0.02 mg/kg	0.02	SW846-8260A
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260A
Carbon tetrachloride	U	0.01 mg/kg	0.01	SW846-8260A
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260A
Chloroethane	JU	0.02 mg/kg	0.02	SW846-8260A
Chloroform	U	0.01 mg/kg	0.01	SW846-8260A
Chloromethane	U	0.02 mg/kg	0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.353 mg/kg	0.353	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
cis-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Dibromochloromethane	U	0.01 mg/kg	0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02 mg/kg	0.02	SW846-8260A
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260A
m,p-Xylene	U	0.01 mg/kg	0.01	SW846-8260A
Methylene chloride	U	0.01 mg/kg	0.01	SW846-8260A
Styrene	U	0.01 mg/kg	0.01	SW846-8260A
Tetrachloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Toluene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.353 mg/kg	0.353	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260A
Trichloroethene	U	0.353 mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	0.353 mg/kg	0.353	SW846-8021 M
Vinyl chloride	U	0.005 mg/kg	0.005	SW846-8260A
WETCHEM				
Cyanide	U	1 mg/kg	1	SW846-9014

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ERI99-W-DGC

Data Gaps Contingency

DG029SD013C

Collected: 6/3/1999

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Alpha activity		15.2	pCi/g	6.5	7.9	SW846-9310
Americium-241	U	5.4	pCi/g	0	5.4	DNT
Beta activity		19.9	pCi/g	4.9	6.8	SW846-9310
Cesium-137	U	0.88	pCi/g	0	0.88	DNT
Cobalt-60	U	1.2	pCi/g	0	1.2	DNT
Protactinium-234m	U	160	pCi/g	0	160	DNT
Technetium-99	A	1.04	pCi/g	3.09	4.26	RL-7116
Thorium-234	U	12	pCi/g	0	12	DNT
Uranium-235	U	2.3	pCi/g	0	2.3	DNT
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.275	mg/kg		0.275	SW846-8021 M
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	JU	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260A
4-Methyl-2-pentanone	JU	0.25	mg/kg		0.25	SW846-8260A
Acetone	JU	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	U	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Chloroethane	JU	0.02	mg/kg		0.02	SW846-8260A
Chloroform	U	0.01	mg/kg		0.01	SW846-8260A
Chloromethane	U	0.02	mg/kg		0.02	SW846-8260A
cis-1,2-Dichloroethene	U	0.275	mg/kg		0.275	SW846-8021 M
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Dibromochloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Dichlorodifluoromethane	U	0.02	mg/kg		0.02	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.275	mg/kg		0.275	SW846-8021 M
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.275	mg/kg		0.275	SW846-8021 M
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

DG-029

ERI99-W-DGC

Data Gaps Contingency

Vinyl chloride	U	0.275	mg/kg	0.275	SW846-8021 M
Vinyl chloride	U	0.005	mg/kg	0.005	SW846-8260A

Paducah-OREIS Data Report

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12/18/2007

WC6-307

LMES96-34

RCWC Data

WC6-307

Collected: 6/21/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Alpha activity		53.13	pCi/g	2.15		RL-7111
Americium-241	U	0.2	pCi/g			R-52
Beta activity		94.49	pCi/g	1.97		RL-7111
Cesium-137		0.06	pCi/g	0.04		R-52
Cobalt-60	U	0.04	pCi/g			R-52
Neptunium-237		0.09	pCi/g	0.06		R-52
Plutonium-239	U	0.05	pCi/g	0.03		RL-7120
Technetium-99	U	4.4	pCi/g	2.9		RL-7116
Thorium-230		0.77	pCi/g	0.2		RL-7120
Uranium		61	pCi/g	1		R-52
Uranium-235		0.3	wt %	0.02		R-52

WC6-307D

Collected: 6/21/1996

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Alpha activity		6.85	pCi/g	0.77		RL-7111
Americium-241	U	0.22	pCi/g			R-52
Beta activity		8.81	pCi/g	0.58		RL-7111
Cesium-137		0.05	pCi/g	0.04		R-52
Cobalt-60	U	0.04	pCi/g			R-52
Neptunium-237		0.07	pCi/g	0.04		R-52
Plutonium-239	U	0.05	pCi/g	0.03		RL-7120
Technetium-99	U	4.4	pCi/g	3.1		RL-7116
Thorium-230		0.62	pCi/g	0.2		RL-7120
Uranium		69	pCi/g	1		R-52
Uranium-235		0.26	wt %	0.02		R-52

Paducah-OREIS Data Report

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12/18/2007

WC6-308

LMES96-34

RCWC Data

WC6-308

Collected: 6/21/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Alpha activity		29.79	pCi/g	1.62		RL-7111
Americium-241	U	0.15	pCi/g			R-52
Beta activity		44.73	pCi/g	1.35		RL-7111
Cesium-137		0.09	pCi/g	0.05		R-52
Cobalt-60	U	0.05	pCi/g			R-52
Neptunium-237		0.09	pCi/g	0.06		R-52
Plutonium-239	U	0.05	pCi/g	0.03		RL-7120
Technetium-99	U	4.4	pCi/g	2.8		RL-7116
Thorium-230		0.99	pCi/g	0.22		RL-7120
Uranium		20	pCi/g	1		R-52
Uranium-235		0.38	wt %	0.02		R-52

Paducah-OREIS Data Report

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WC6-309

LMES96-34

RCWC Data

WC6-309

Collected: 6/21/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Alpha activity		39.38	pCi/g	1.84		RL-7111
Americium-241	U	0.44	pCi/g			R-52
Beta activity		75.54	pCi/g	1.76		RL-7111
Cesium-137		0.39	pCi/g	0.08		R-52
Cobalt-60	U	0.06	pCi/g			R-52
Neptunium-237		0.14	pCi/g	0.08		R-52
Plutonium-239	U	0.05	pCi/g	0.02		RL-7120
Technetium-99		4.5	pCi/g	2.9		RL-7116
Thorium-230	U	0.38	pCi/g	0.38		RL-7120
Uranium		68	pCi/g	2		R-52
Uranium-235		0.34	wt %	0.01		R-52

Paducah-OREIS Data Report

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WC6-310

LMES96-34

RCWC Data

WC6-310

Collected: 6/21/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Alpha activity		27.52	pCi/g	1.55		RL-7111
Americium-241	U	0.2	pCi/g			R-52
Beta activity		44.3	pCi/g	1.34		RL-7111
Cesium-137		0.08	pCi/g	0.04		R-52
Cobalt-60	U	0.04	pCi/g			R-52
Neptunium-237		0.14	pCi/g	0.05		R-52
Plutonium-239	U	0.06	pCi/g	0.03		RL-7120
Technetium-99	U	4.4	pCi/g	2.9		RL-7116
Thorium-230		0.86	pCi/g	0.22		RL-7120
Uranium		53	pCi/g	1		R-52
Uranium-235		0.33	wt %	0.02		R-52

Paducah-OREIS Data Report

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12/18/2007

WC6-311

LMES96-34

RCWC Data

WC6-311

Collected: 6/21/1996

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Alpha activity		6.04	pCi/g	0.54		RL-7111
Americium-241	U	0.57	pCi/g			R-52
Beta activity		95.37	pCi/g	1.98		RL-7111
Cesium-137	U	0.07	pCi/g			R-52
Cobalt-60	U	0.05	pCi/g			R-52
Neptunium-237	U	0.1	pCi/g			R-52
Plutonium-239	U	0.06	pCi/g	0.03		RL-7120
Technetium-99	U	4.4	pCi/g	3.2		RL-7116
Thorium-230	U	0.29	pCi/g	0.18		RL-7120
Uranium		106	pCi/g	3		R-52
Uranium-235		0.21	wt %	0.03		R-52

WC7-23
LMES97-4
WC7-23

RCWC Data

Collected: 3/7/1997

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Antimony	U	25	mg/kg			SW846-6010
Arsenic	U	5	mg/kg			SW846-7060
Barium		115	mg/kg			SW846-6010
Cadmium	*U	10	mg/kg			SW846-6010
Chromium		5.77	mg/kg			SW846-6010
Lead	N*U	25	mg/kg			SW846-6010
Mercury	U	0.2	mg/kg			SW846-7471
Nickel		135	mg/kg			SW846-6010
Selenium	U	1	mg/kg			SW846-7740
Silver	U	5	mg/kg			SW846-6010
Thallium	NU	60	mg/kg			SW846-6010
PHYSC						
pH		7.36	NA			AL-SM-608
PPCB						
PCB, Total	U	0.1	mg/kg			SW846-8080
RADS						
Americium-241	U	0.15	pCi/g			RL-7124
Cesium-137		0.05	pCi/g	0.02		RL-7124
Cobalt-60	U	0.03	pCi/g			RL-7124
Neptunium-237	U	0.04	pCi/g			RL-7124
Plutonium-239	U	0.1	pCi/g			RL-7120
Technetium-99	UU	5.6	pCi/g			RL-7116
Thorium-230	U	2.8	pCi/g			RL-7120
Uranium	U	1.5	pCi/g			RL-7124
Uranium-235		1.2E-08	gU235/g	3E-09		RL-7124
SVOA						
1,4-Dichlorobenzene	U	2.4	mg/kg			SW846-8270
2,4,5-Trichlorophenol	U	2.4	mg/kg			SW846-8270
2,4,6-Trichlorophenol	U	2.4	mg/kg			SW846-8270
2,4-Dinitrotoluene	U	2.4	mg/kg			SW846-8270
2-Methylphenol	U	2.4	mg/kg			SW846-8270
Hexachlorobenzene	U	2.4	mg/kg			SW846-8270
Hexachlorobutadiene	U	2.4	mg/kg			SW846-8270
Hexachloroethane	U	2.4	mg/kg			SW846-8270
m,p-Cresol	U	2.4	mg/kg			SW846-8270
Nitrobenzene	U	2.4	mg/kg			SW846-8270
Pentachlorophenol	U	2.4	mg/kg			SW846-8270
Pyridine	U	2.4	mg/kg			SW846-8270
Total Cresols	U	4.8	mg/kg			SW846-8270
VOA						
1,1-Dichloroethene		2.8	mg/kg			SW846-8260
1,2-Dichloroethane	U	2.8	mg/kg			SW846-8260
2-Butanone	U	2.8	mg/kg			SW846-8260
Benzene	U	2.8	mg/kg			SW846-8260
Carbon tetrachloride	U	2.8	mg/kg			SW846-8260
Chlorobenzene	U	2.8	mg/kg			SW846-8260
Chloroform	U	2.8	mg/kg			SW846-8260
Tetrachloroethene	U	2.8	mg/kg			SW846-8260
Trichloroethene	U	2.8	mg/kg			SW846-8260

WC7-23

LMES97-4

RCWC Data

Vinyl chloride

U

2.8 mg/kg

SW846-8260

WC7-28
LMES97-9
WC7-28

RCWC Data

Collected: 4/17/1997

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Antimony	NU	25	mg/kg			SW846-6010
Arsenic	NU	5	mg/kg			SW846-7060
Barium		51.3	mg/kg			SW846-6010
Cadmium	U	10	mg/kg			SW846-6010
Chromium		27.3	mg/kg			SW846-6010
Lead	U	25	mg/kg			SW846-6010
Mercury	U	0.2	mg/kg			SW846-7470
Nickel		13.2	mg/kg			SW846-6010
Selenium	U	1	mg/kg			SW846-7740
Silver	U	5	mg/kg			SW846-6010
Thallium	U	60	mg/kg			SW846-6010
PCCB						
PCB, Total	X	0.2	mg/kg			SW846-8080
PCB-1254		0.2	mg/kg			SW846-8080
RADS						
Alpha activity		4.39	pCi/g	1.36		RL-7111
Beta activity		21.95	pCi/g	3.67		RL-7111
Uranium		6	pCi/g	1		RL-7124
VOA						
1,1-Dichloroethene	U	1.1	mg/kg			SW846-8260
1,2-Dichloroethane	U	1.1	mg/kg			SW846-8260
2-Butanone	U	1.1	mg/kg			SW846-8260
Benzene	U	1.1	mg/kg			SW846-8260
Carbon tetrachloride	UJX	1.1	mg/kg			SW846-8260
Chlorobenzene	U	1.1	mg/kg			SW846-8260
Chloroform	U	1.1	mg/kg			SW846-8260
Tetrachloroethene	U	1.1	mg/kg			SW846-8260
Trichloroethene	U	1.1	mg/kg			SW846-8260
Vinyl chloride	U	1.1	mg/kg			SW846-8260

WC7-28
LMES97-9
WC7-28D

RCWC Data

Collected: 4/17/1997

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Antimony	NU	25	mg/kg			SW846-6010
Arsenic	NU	5	mg/kg			SW846-7060
Barium		67.6	mg/kg			SW846-6010
Cadmium	U	10	mg/kg			SW846-6010
Chromium		45.7	mg/kg			SW846-6010
Lead	U	25	mg/kg			SW846-6010
Mercury	U	0.2	mg/kg			SW846-7470
Nickel		16.8	mg/kg			SW846-6010
Selenium	U	1	mg/kg			SW846-7740
Silver	U	5	mg/kg			SW846-6010
Thallium	U	60	mg/kg			SW846-6010
PCCB						
PCB, Total		0.2	mg/kg			SW846-8080
PCB-1254		0.2	mg/kg			SW846-8080
RADS						
Alpha activity		8.13	pCi/g	1.97		RL-7111
Beta activity		24.88	pCi/g	4.02		RL-7111
Uranium		7	pCi/g	1		RL-7124
VOA						
1,1-Dichloroethene	U	1	mg/kg			SW846-8260
1,2-Dichloroethane	U	1	mg/kg			SW846-8260
2-Butanone	U	1	mg/kg			SW846-8260
Benzene	U	1	mg/kg			SW846-8260
Carbon tetrachloride	UJX	1	mg/kg			SW846-8260
Chlorobenzene	U	1	mg/kg			SW846-8260
Chloroform	U	1	mg/kg			SW846-8260
Tetrachloroethene	U	1	mg/kg			SW846-8260
Trichloroethene	U	1	mg/kg			SW846-8260
Vinyl chloride	U	1	mg/kg			SW846-8260

DOESS-3

PLDHSS99-01

False Claims Investigation - DOE Headquarters-Soils/Sediment

DOESS308-99

Collected: 9/1/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260		0.5	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		0.5	mg/kg		0.1	SW846-8082
RADS						
Alpha activity		742.07	pCi/g	42.82	6.74	RL-7119
Alpha activity		664.54	pCi/g	12.35	1.89	RL-7111
Americium-241		1.65	pCi/g	3.3	0.558	RL-7124
Beta activity		1015.16	pCi/g	7.89	0.83	RL-7111
Beta activity		1027.53	pCi/g	24.76	2.52	RL-7119
Cesium-137	X	0.097	pCi/g	0.042	0.0445	RL-7124
Neptunium-237	A	0.273	pCi/g	0.0301	0.0792	RL-7124
Plutonium-239/240		0.283	pCi/g	0.0237	0.0098	RL-7120
Technetium-99		406	pCi/g	2.15	0.233	RL-7115
Thorium-230		3.17	pCi/g	0.0969	0.0264	RL-7120
Uranium		473	pCi/g	152	4.49	RL-7124
Uranium-235		0.29	wt %	0.05		RL-7124

NST1S01

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC1011SS

Collected: 1/7/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	122	mg/kg		1	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		7.59	mg/kg		2	SW846-6010A
Lead	N	29.1	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		150	mg/kg	27.6	0.67	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254		1.9	mg/kg		1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		1.9	mg/kg		1	SW846-8082
RADS						
Actinium-228	U	0.3326	pCi/g	0.6652	0.2238	RL-7124
Alpha activity		17.19	pCi/g	4.81	0.96	RL-7119
Americium-241	U	0.1184	pCi/g	0.2369	0.243	RL-7124
Americium-243	U	0.09999	pCi/g	0.2	0.09	RL-7124
Antimony-124	U	-0.0036	pCi/g	0.0071	0.0376	RL-7124
Antimony-125	U	0.00947	pCi/g	0.0189	0.0956	RL-7124
Barium-133	U	-0.0116	pCi/g	0.0232	0.0404	RL-7124
Barium-140	U	0.01633	pCi/g	0.0327	0.2621	RL-7124
Beryllium-7	U	-0.1065	pCi/g	0.2131	0.3165	RL-7124
Beta activity		26.96	pCi/g	5.68	5.6	RL-7119
Bismuth-211	U	1.427	pCi/g	2.854	0.3744	RL-7124
Bismuth-212	U	0.2567	pCi/g	0.1119	0.3247	RL-7124
Bismuth-214		0.481	pCi/g	0.1586	0.0674	RL-7124
Cerium-139	U	0.0052	pCi/g	0.0104	0.0306	RL-7124
Cerium-141	U	0.01659	pCi/g	0.0332	0.0660	RL-7124
Cerium-144	U	-0.0703	pCi/g	0.1406	0.2202	RL-7124
Cesium-134	U	0.01367	pCi/g	0.0273	0.0345	RL-7124
Cesium-136	U	0.00162	pCi/g	0.0032	0.0898	RL-7124
Cesium-137		0.2593	pCi/g	0.0484	0.0443	RL-7124
Chromium-51	U	0.01997	pCi/g	0.04	0.3438	RL-7124
Cobalt-56	U	-0.0204	pCi/g	0.0408	0.0351	RL-7124
Cobalt-57	U	0.00704	pCi/g	0.0141	0.0308	RL-7124
Cobalt-58	U	-0.0064	pCi/g	0.0128	0.039	RL-7124
Cobalt-60	U	0.02455	pCi/g	0.0491	0.0421	RL-7124
Europium-152	U	0.01203	pCi/g	0.0241	0.0952	RL-7124
Europium-154	U	-0.0313	pCi/g	0.0626	0.062	RL-7124
Europium-155	U	0.06154	pCi/g	0.1231	0.1389	RL-7124
Iridium-192	U	-0.0052	pCi/g	0.0103	0.0316	RL-7124

NST1S01

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	0.02041	pCi/g	0.0408	0.0848	RL-7124
Lead-210	U	1.007	pCi/g	2.015	3.314	RL-7124
Lead-211	U	1.427	pCi/g	2.854	0.3744	RL-7124
Lead-212		0.226	pCi/g	0.0175	0.0501	RL-7124
Lead-214		0.5536	pCi/g	0.6772	0.0675	RL-7124
Manganese-54	U	-0.0002	pCi/g	0.0003	0.04	RL-7124
Mercury-203	U	-0.0173	pCi/g	0.0345	0.0362	RL-7124
Neodymium-147	U	4.159	pCi/g	8.318	0.5728	RL-7124
Neptunium-237	U	-0.008	pCi/g	0.065	0.13	RL-7620
Neptunium-237	U	0.026	pCi/g	0.0520	0.0675	RL-7124
Neptunium-239	U	-2.551	pCi/g	5.102	4.49	RL-7124
Niobium-94	U	-0.0002	pCi/g	0.0003	0.0361	RL-7124
Niobium-95	U	0.357	pCi/g	0.714	0.1052	RL-7124
Plutonium-238	A	-0.0051	pCi/g	0.0328	0.299	RL-7120
Plutonium-239/240	A	0.0243	pCi/g	0.0194	0.0472	RL-7120
Potassium-40		5.276	pCi/g	0.7147	0.3825	RL-7124
Promethium-144	U	0.02012	pCi/g	0.0403	0.0368	RL-7124
Promethium-146	U	0.02275	pCi/g	0.0455	0.0511	RL-7124
Protactinium-231	U	2.645	pCi/g	5.29	0.627	RL-7124
Protactinium-233	U	0.03917	pCi/g	0.0783	0.0928	RL-7124
Protactinium-234m		58.58	pCi/g	1.986	0.9522	RL-7124
Radium-223	U	0.1287	pCi/g	0.2573	0.1879	RL-7124
Radium-226	U	0.6472	pCi/g	1.294	0.1922	RL-7124
Radium-228		0.3315	pCi/g	0.0782	0.1257	RL-7124
Radon-219	U	0.2172	pCi/g	0.4344	0.2403	RL-7124
Ruthenium-106	U	-0.1056	pCi/g	0.2113	0.3259	RL-7124
Silver-110m	U	0.00628	pCi/g	0.0126	0.0411	RL-7124
Sodium-22	U	-0.0085	pCi/g	0.0170	0.0384	RL-7124
Strontium-90		1.4	pCi/g	1.2	0.035	OA710333003
Technetium-99		65.9	pCi/g	6.51	4.44	RL-7116
Thallium-208		0.1777	pCi/g	0.3554	0.0683	RL-7124
Thorium-227	U	0.01263	pCi/g	0.0253	0.2002	RL-7124
Thorium-228	U	0.4161	pCi/g	0.8321	0.0951	RL-7124
Thorium-228		0.209	pCi/g	0.0457	0.0878	RL-7120
Thorium-229	U	0.05317	pCi/g	0.1063	0.1201	RL-7124
Thorium-230		0.884	pCi/g	0.0939	0.151	RL-7120
Thorium-232		0.175	pCi/g	0.0421	0.132	RL-7120
Thorium-232		0.1819	pCi/g	0.0537	0.0382	RL-7124
Thorium-234		58.58	pCi/g	1.986	0.9522	RL-7124
Tin-113	U	0.00356	pCi/g	0.0071	0.0457	RL-7124
Uranium	X	77.1	pCi/g	13.9	2.21	RL-7124
Uranium-234		7.7	pCi/g	0.7	0.39	RL-7620
Uranium-234		10.1	pCi/g	1.82	0.287	RL-7124
Uranium-235		0.67	pCi/g	0.22	0.13	RL-7620
Uranium-235		0.24	wt %	0.02		RL-7124
Uranium-238		65.9	pCi/g	2.87	1.87	RL-7124
Uranium-238		50.2	pCi/g	1.7	0.22	RL-7620
Yttrium-88	U	-0.0216	pCi/g	0.0432	0.034	RL-7124
Zinc-65	U	-0.0125	pCi/g	0.025	0.0750	RL-7124
Zirconium-95	U	0.3194	pCi/g	0.6388	0.0941	RL-7124

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260

NST1S01

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	J	0.036	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	J	0.015	mg/kg	0.01	SW846-8260
Acetone	J	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	J	0.011	mg/kg	0.01	SW846-8260
m,p-Xylene	J	0.022	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	J	0.012	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

NST1S02

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC1021SS

Collected: 1/8/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	133	mg/kg		1	SW846-6010A
Beryllium		0.66	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		13.3	mg/kg		2	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		41.4	mg/kg	7.1	0.06	RL-7620
PCCB						
PCB-1016	U	1	mg/kg		1	SW846-8082
PCB-1221	U	1	mg/kg		1	SW846-8082
PCB-1232	U	1	mg/kg		1	SW846-8082
PCB-1242	U	1	mg/kg		1	SW846-8082
PCB-1248	U	1	mg/kg		1	SW846-8082
PCB-1254	XU	1	mg/kg		1	SW846-8082
PCB-1260	U	1	mg/kg		1	SW846-8082
PCB-1268	U	1	mg/kg		1	SW846-8082
Polychlorinated biphenyl	X<	1	mg/kg		1	SW846-8082
RADS						
Actinium-228		0.4929	pCi/g	0.0566	0.1245	RL-7124
Alpha activity		5.68	pCi/g	2.68	0.96	RL-7119
Americium-241	U	0.05751	pCi/g	0.115	0.1802	RL-7124
Americium-243	U	0.1611	pCi/g	0.3221	0.0742	RL-7124
Antimony-124	U	0.00536	pCi/g	0.0107	0.0355	RL-7124
Antimony-125	U	-0.0057	pCi/g	0.0114	0.0898	RL-7124
Barium-133	U	-0.0037	pCi/g	0.0073	0.0358	RL-7124
Barium-140	U	0.03767	pCi/g	0.0753	0.2188	RL-7124
Beryllium-7	U	0.03228	pCi/g	0.0646	0.3063	RL-7124
Beta activity		20.3	pCi/g	4.85	5.6	RL-7119
Bismuth-211	U	1.417	pCi/g	2.834	0.366	RL-7124
Bismuth-212		0.3123	pCi/g	0.2419	0.3081	RL-7124
Bismuth-214		0.517	pCi/g	0.1047	0.0748	RL-7124
Cerium-139	U	-0.0029	pCi/g	0.0058	0.0259	RL-7124
Cerium-141	U	0.01321	pCi/g	0.0264	0.0552	RL-7124
Cerium-144	U	-0.1129	pCi/g	0.2259	0.1952	RL-7124
Cesium-134	U	-0.0005	pCi/g	0.0010	0.0313	RL-7124
Cesium-136	U	-0.0181	pCi/g	0.0362	0.0730	RL-7124
Cesium-137		0.1664	pCi/g	0.0503	0.0397	RL-7124
Chromium-51	U	0.00112	pCi/g	0.0022	0.3098	RL-7124
Cobalt-56	U	-0.0159	pCi/g	0.0318	0.0370	RL-7124
Cobalt-57	U	0.01363	pCi/g	0.0273	0.0264	RL-7124
Cobalt-58	U	-0.0024	pCi/g	0.0047	0.0331	RL-7124
Cobalt-60	U	0.00668	pCi/g	0.0134	0.0309	RL-7124
Europium-152	U	-0.0499	pCi/g	0.0998	0.0896	RL-7124
Europium-154	U	-0.0192	pCi/g	0.0384	0.0532	RL-7124
Europium-155	U	0.01111	pCi/g	0.0222	0.1128	RL-7124
Iridium-192	U	-0.0046	pCi/g	0.0091	0.0283	RL-7124

NST1S02

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	0.02538	pCi/g	0.0508	0.0814	RL-7124
Lead-210	U	0.06405	pCi/g	0.1281	2.53	RL-7124
Lead-211	U	1.417	pCi/g	2.834	0.366	RL-7124
Lead-212		0.4324	pCi/g	0.0503	0.0626	RL-7124
Lead-214		0.5373	pCi/g	0.2788	0.0591	RL-7124
Manganese-54	U	0.00102	pCi/g	0.0020	0.0369	RL-7124
Mercury-203	U	0.00323	pCi/g	0.0065	0.0352	RL-7124
Neodymium-147	U	0.5796	pCi/g	1.159	0.3738	RL-7124
Neptunium-237	U	0.014	pCi/g	0.016	0.013	RL-7620
Neptunium-237	U	0.00631	pCi/g	0.0126	0.0584	RL-7124
Neptunium-239	U	-0.1603	pCi/g	0.3205	2.709	RL-7124
Niobium-94	U	-0.0045	pCi/g	0.0090	0.0329	RL-7124
Niobium-95	U	0.119	pCi/g	0.2381	0.0715	RL-7124
Plutonium-238	A	-0.0224	pCi/g	0.0313	0.299	RL-7120
Plutonium-239/240		0.137	pCi/g	0.0384	0.0477	RL-7120
Potassium-40		6.296	pCi/g	0.8163	0.3172	RL-7124
Promethium-144	U	-0.0141	pCi/g	0.0282	0.0311	RL-7124
Promethium-146	U	-0.0083	pCi/g	0.0166	0.0403	RL-7124
Protactinium-231		0.6072	pCi/g	0.1196	0.3488	RL-7124
Protactinium-233	U	0.02405	pCi/g	0.0481	0.0783	RL-7124
Protactinium-234m		26.66	pCi/g	1.149	0.6511	RL-7124
Radium-223	U	0.1381	pCi/g	0.1655	0.1452	RL-7124
Radium-226	U	0.573	pCi/g	1.146	0.1932	RL-7124
Radium-228	U	0.4002	pCi/g	0.8004	0.2299	RL-7124
Radon-219	U	0.2719	pCi/g	0.5437	0.2326	RL-7124
Ruthenium-106	U	-0.0503	pCi/g	0.1006	0.3096	RL-7124
Silver-110m	U	-0.012	pCi/g	0.024	0.0343	RL-7124
Sodium-22	U	-0.0143	pCi/g	0.0286	0.0385	RL-7124
Strontium-90	U	7.1	pCi/g	7	4	OA710333003
Technetium-99		82	pCi/g	7.76	4.44	RL-7116
Thallium-208		0.1949	pCi/g	0.1046	0.0322	RL-7124
Thorium-227	U	0.06703	pCi/g	0.1341	0.1978	RL-7124
Thorium-228	U	0.4398	pCi/g	0.8797	0.0984	RL-7124
Thorium-228		0.238	pCi/g	0.0559	0.0928	RL-7120
Thorium-229	U	0.04488	pCi/g	0.0898	0.1043	RL-7124
Thorium-230		1.19	pCi/g	0.126	0.17	RL-7120
Thorium-232		0.221	pCi/g	0.0563	0.136	RL-7120
Thorium-232	U	0.1788	pCi/g	0.3576	0.0685	RL-7124
Thorium-234		26.66	pCi/g	1.149	0.6511	RL-7124
Tin-113	U	0.00875	pCi/g	0.0175	0.0421	RL-7124
Uranium	X	33.7	pCi/g	7.41	1.73	RL-7124
Uranium-234		3	pCi/g	0.3	0.08	RL-7620
Uranium-234		6.45	pCi/g	1.3	0.301	RL-7124
Uranium-235		0.25	pCi/g	0.1	0.025	RL-7620
Uranium-235		0.28	wt %	0.02		RL-7124
Uranium-238		13.9	pCi/g	0.64	0.02	RL-7620
Uranium-238		29.7	pCi/g	2.18	1.38	RL-7124
Yttrium-88	U	-0.0063	pCi/g	0.0126	0.0338	RL-7124
Zinc-65	U	-0.0071	pCi/g	0.0142	0.077	RL-7124
Zirconium-95	U	0.1076	pCi/g	0.2153	0.0646	RL-7124

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260

NST1S02

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	J	0.015	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

NST1S03

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC1031SS

Collected: 1/8/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	W	5.76	mg/kg		5	SW846-7060
Barium	*N	83.1	mg/kg		1	SW846-6010A
Beryllium		0.68	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		12.3	mg/kg		2	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		2	mg/kg	0.6	0.13	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.9062	pCi/g	0.22	0.1103	RL-7124
Alpha activity		4.17	pCi/g	2.32	0.96	RL-7119
Americium-241	U	-0.0001	pCi/g	0.0003	0.0912	RL-7124
Americium-243	U	0.1897	pCi/g	0.3794	0.0523	RL-7124
Antimony-124	U	-0.0074	pCi/g	0.0148	0.0293	RL-7124
Antimony-125	U	0.0257	pCi/g	0.0514	0.0752	RL-7124
Barium-133	U	-0.0055	pCi/g	0.0109	0.0302	RL-7124
Barium-140	U	-0.1188	pCi/g	0.2376	0.1637	RL-7124
Beryllium-7	U	0.00434	pCi/g	0.0087	0.2443	RL-7124
Beta activity		12.65	pCi/g	3.69	5.6	RL-7119
Bismuth-211	U	2.01	pCi/g	4.021	0.354	RL-7124
Bismuth-212		0.5111	pCi/g	0.1453	0.2364	RL-7124
Bismuth-214		0.7815	pCi/g	0.1618	0.0542	RL-7124
Cerium-139	U	-0.0072	pCi/g	0.0144	0.021	RL-7124
Cerium-141	U	-0.0012	pCi/g	0.0025	0.0452	RL-7124
Cerium-144	U	0.00878	pCi/g	0.0176	0.1532	RL-7124
Cesium-134	U	-0.0091	pCi/g	0.0181	0.0254	RL-7124
Cesium-136	U	0.01684	pCi/g	0.0337	0.0868	RL-7124
Cesium-137	U	-0.0031	pCi/g	0.0063	0.0304	RL-7124
Chromium-51	U	-0.0471	pCi/g	0.0941	0.2685	RL-7124
Cobalt-56	U	0.00099	pCi/g	0.002	0.0304	RL-7124
Cobalt-57	U	0.00937	pCi/g	0.0187	0.0189	RL-7124
Cobalt-58	U	-0.0123	pCi/g	0.0246	0.0299	RL-7124
Cobalt-60	U	-0.0126	pCi/g	0.0253	0.0297	RL-7124
Europium-152	U	0.03656	pCi/g	0.0731	0.0781	RL-7124
Europium-154	U	-0.0125	pCi/g	0.0250	0.0379	RL-7124
Europium-155	U	0.07778	pCi/g	0.1556	0.0831	RL-7124
Iridium-192	U	-0.0044	pCi/g	0.0088	0.0251	RL-7124

NST1S03

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	0.02785	pCi/g	0.0557	0.081	RL-7124
Lead-210	U	0.7944	pCi/g	1.589	1.551	RL-7124
Lead-211	U	2.01	pCi/g	4.021	0.354	RL-7124
Lead-212		0.5819	pCi/g	0.0536	0.0417	RL-7124
Lead-214		0.7868	pCi/g	0.1071	0.0506	RL-7124
Manganese-54	U	0.01505	pCi/g	0.0301	0.035	RL-7124
Mercury-203	U	-0.0019	pCi/g	0.0038	0.0296	RL-7124
Neodymium-147	U	0.329	pCi/g	0.6581	0.1815	RL-7124
Neptunium-237	U	0.09254	pCi/g	0.1851	0.0583	RL-7124
Neptunium-237	U	0.024	pCi/g	0.046	0.08	RL-7620
Neptunium-239	U	-0.6524	pCi/g	1.305	4.371	RL-7124
Niobium-94	U	0.01043	pCi/g	0.0209	0.0291	RL-7124
Niobium-95	U	0.02444	pCi/g	0.0489	0.0434	RL-7124
Plutonium-238	A	-0.0128	pCi/g	0.0315	0.299	RL-7120
Plutonium-239/240	A	-0.0058	pCi/g	0.0099	0.0472	RL-7120
Potassium-40		8.516	pCi/g	0.7293	0.2763	RL-7124
Promethium-144	U	-0.0001	pCi/g	0.0002	0.0251	RL-7124
Promethium-146	U	0.00047	pCi/g	0.0009	0.0351	RL-7124
Protactinium-231		0.2158	pCi/g	0.0111	0.1702	RL-7124
Protactinium-233		0.1369	pCi/g	0.0299	0.0674	RL-7124
Protactinium-234m		0.6507	pCi/g	0.2754	0.3178	RL-7124
Radium-223	U	0.1913	pCi/g	0.3825	0.1578	RL-7124
Radium-226	U	0.7992	pCi/g	1.598	0.1779	RL-7124
Radium-228	U	0.9124	pCi/g	1.825	0.26	RL-7124
Radon-219	U	0.2469	pCi/g	0.4938	0.2041	RL-7124
Ruthenium-106	U	-0.0953	pCi/g	0.1906	0.2405	RL-7124
Silver-110m	U	-0.0131	pCi/g	0.0262	0.0265	RL-7124
Sodium-22	U	0.00892	pCi/g	0.0178	0.0378	RL-7124
Strontium-90		2.5	pCi/g	1.9	0.033	OA710333003
Technetium-99		12.9	pCi/g	3.71	4.44	RL-7116
Thallium-208		0.2177	pCi/g	0.1565	0.0298	RL-7124
Thorium-227	U	0.04734	pCi/g	0.0947	0.1676	RL-7124
Thorium-228		0.2365	pCi/g	0.0439	0.0422	RL-7124
Thorium-228		0.321	pCi/g	0.0641	0.0907	RL-7120
Thorium-229	U	0.06963	pCi/g	0.1393	0.0848	RL-7124
Thorium-230		0.339	pCi/g	0.0716	0.159	RL-7120
Thorium-232		0.361	pCi/g	0.0674	0.136	RL-7120
Thorium-232	U	0.2812	pCi/g	0.5623	0.0679	RL-7124
Thorium-234		0.6507	pCi/g	0.2754	0.3178	RL-7124
Tin-113	U	-0.0245	pCi/g	0.0490	0.0319	RL-7124
Uranium-234		0.55	pCi/g	0.11	0.11	RL-7620
Uranium-235		0.025	pCi/g	0.023	0.014	RL-7620
Uranium-238		0.66	pCi/g	0.11	0.044	RL-7620
Yttrium-88	U	0.00111	pCi/g	0.0022	0.0243	RL-7124
Zinc-65	U	-0.0312	pCi/g	0.0624	0.0706	RL-7124
Zirconium-95	U	0.02154	pCi/g	0.0431	0.0383	RL-7124

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260

NST1S03

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	J	0.035	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

NST2S01

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC2011SS

Collected: 1/11/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	W	7.48	mg/kg		5	SW846-7060
Barium	*N	81.1	mg/kg		1	SW846-6010A
Beryllium		0.75	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		26.3	mg/kg		2	SW846-6010A
Lead	N	28.9	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		23.1	mg/kg	3.9	0.16	RL-7620
PCCB						
PCB-1016	U	0.8	mg/kg		0.8	SW846-8082
PCB-1221	U	0.8	mg/kg		0.8	SW846-8082
PCB-1232	U	0.8	mg/kg		0.8	SW846-8082
PCB-1242	U	0.8	mg/kg		0.8	SW846-8082
PCB-1248	U	0.8	mg/kg		0.8	SW846-8082
PCB-1254	U	0.8	mg/kg		0.8	SW846-8082
PCB-1260	U	0.8	mg/kg		0.8	SW846-8082
PCB-1268	U	0.8	mg/kg		0.8	SW846-8082
Polychlorinated biphenyl	UX	0.8	mg/kg		0.8	SW846-8082
RADS						
Actinium-228		0.4131	pCi/g	0.0009	0.0996	RL-7124
Alpha activity		10.91	pCi/g	4.28	1.79	RL-7119
Americium-241	U	0.01063	pCi/g	0.0213	0.1137	RL-7124
Americium-243	U	0.09604	pCi/g	0.0076	0.0437	RL-7124
Antimony-124	U	0.00785	pCi/g	0.0157	0.028	RL-7124
Antimony-125	U	-0.0102	pCi/g	0.0204	0.0749	RL-7124
Barium-133	U	-0.0014	pCi/g	0.0028	0.0309	RL-7124
Barium-140	U	0.02061	pCi/g	0.0412	0.1507	RL-7124
Beryllium-7	U	0.03743	pCi/g	0.0749	0.2365	RL-7124
Beta activity		53.11	pCi/g	5.79	3	RL-7119
Bismuth-211	U	1.651	pCi/g	3.302	0.3328	RL-7124
Bismuth-212		0.3944	pCi/g	0.3211	0.2188	RL-7124
Bismuth-214		0.6182	pCi/g	0.0527	0.0523	RL-7124
Cerium-139	U	0.00925	pCi/g	0.0185	0.0216	RL-7124
Cerium-141	U	-0.0041	pCi/g	0.0082	0.0416	RL-7124
Cerium-144	U	-0.0256	pCi/g	0.0511	0.1558	RL-7124
Cesium-134	U	-0.0011	pCi/g	0.0023	0.0234	RL-7124
Cesium-136	U	0.01496	pCi/g	0.0299	0.0622	RL-7124
Cesium-137		0.1243	pCi/g	0.0295	0.0308	RL-7124
Chromium-51	U	0.0356	pCi/g	0.0712	0.2339	RL-7124
Cobalt-56	U	-0.0024	pCi/g	0.0047	0.0315	RL-7124
Cobalt-57	U	-0.0024	pCi/g	0.0048	0.0189	RL-7124
Cobalt-58	U	0.01235	pCi/g	0.0247	0.0318	RL-7124
Cobalt-60	U	0.01572	pCi/g	0.0314	0.0324	RL-7124
Europium-152	U	-0.0225	pCi/g	0.0449	0.0678	RL-7124
Europium-154	U	-0.0166	pCi/g	0.0332	0.0389	RL-7124
Europium-155	U	0.06361	pCi/g	0.1272	0.087	RL-7124
Iridium-192	U	-0.0012	pCi/g	0.0023	0.0233	RL-7124

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PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	0.01168	pCi/g	0.0234	0.0678	RL-7124
Lead-210	U	-0.1258	pCi/g	0.2516	1.725	RL-7124
Lead-211	U	1.651	pCi/g	3.302	0.3328	RL-7124
Lead-212		0.3977	pCi/g	0.0567	0.0397	RL-7124
Lead-214		0.5857	pCi/g	0.0540	0.0492	RL-7124
Manganese-54	U	0.01859	pCi/g	0.0372	0.0350	RL-7124
Mercury-203	U	-0.0168	pCi/g	0.0336	0.0252	RL-7124
Neodymium-147	U	0.6659	pCi/g	1.332	0.1801	RL-7124
Neptunium-237	U	0.014	pCi/g	0.028	0.05	RL-7620
Neptunium-237	U	0.02415	pCi/g	0.0483	0.0508	RL-7124
Neptunium-239	U	0.1769	pCi/g	0.3538	0.978	RL-7124
Niobium-94	U	0.00191	pCi/g	0.0038	0.0272	RL-7124
Niobium-95	U	0.04741	pCi/g	0.0948	0.0474	RL-7124
Plutonium-238	A	-0.0101	pCi/g	0.0321	0.299	RL-7120
Plutonium-239/240	A	0.034	pCi/g	0.0218	0.0472	RL-7120
Potassium-40		7.77	pCi/g	0.6588	0.2547	RL-7124
Promethium-144	U	-0.0096	pCi/g	0.0193	0.0247	RL-7124
Promethium-146	U	-0.0003	pCi/g	0.0006	0.0349	RL-7124
Protactinium-231		0.4374	pCi/g	0.1139	0.2023	RL-7124
Protactinium-233	U	0.03022	pCi/g	0.0604	0.0634	RL-7124
Protactinium-234m		7.383	pCi/g	0.7646	0.3777	RL-7124
Radium-223	U	0.115	pCi/g	0.1507	0.1291	RL-7124
Radium-226	U	0.5687	pCi/g	1.137	0.1624	RL-7124
Radium-228	U	0.74	pCi/g	1.48	0.2291	RL-7124
Radon-219	U	0.2183	pCi/g	0.4366	0.2002	RL-7124
Ruthenium-106	U	0.01302	pCi/g	0.0261	0.2511	RL-7124
Silver-110m	U	-0.021	pCi/g	0.0419	0.0257	RL-7124
Sodium-22	U	-0.0111	pCi/g	0.0222	0.0315	RL-7124
Strontium-90	U	-1.5	pCi/g	1.2	0.03	OA710333003
Technetium-99		67.6	pCi/g	6.11	4.44	RL-7116
Thallium-208	U	0.2528	pCi/g	0.5057	0.065	RL-7124
Thorium-227	U	0.00933	pCi/g	0.0187	0.1598	RL-7124
Thorium-228	U	0.6226	pCi/g	1.245	0.0922	RL-7124
Thorium-228		0.314	pCi/g	0.0628	0.0903	RL-7120
Thorium-229	U	0.05049	pCi/g	0.101	0.0861	RL-7124
Thorium-230		0.749	pCi/g	0.0979	0.158	RL-7120
Thorium-232		0.2456	pCi/g	0.0012	0.0285	RL-7124
Thorium-232		0.277	pCi/g	0.06	0.136	RL-7120
Thorium-234		7.383	pCi/g	0.7646	0.3777	RL-7124
Tin-113	U	-0.0121	pCi/g	0.0242	0.0332	RL-7124
Uranium	X	12	pCi/g	3.26	1.35	RL-7124
Uranium-234		3.64	pCi/g	0.991	0.408	RL-7124
Uranium-234		2.2	pCi/g	0.23	0.13	RL-7620
Uranium-235		0.43	wt %	0.04		RL-7124
Uranium-235		0.18	pCi/g	0.07	0.06	RL-7620
Uranium-238		8.11	pCi/g	1.35	0.906	RL-7124
Uranium-238		7.8	pCi/g	0.4	0.05	RL-7620
Yttrium-88	U	0.00439	pCi/g	0.0088	0.0313	RL-7124
Zinc-65	U	0.00201	pCi/g	0.0040	0.0759	RL-7124
Zirconium-95	U	0.04377	pCi/g	0.0875	0.0438	RL-7124

VOA

1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260

NST2S01

PLDJNS00-01

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1,1-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JU	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Chloroethane	JU	0.01	mg/kg	0.01	SW846-8260
Chloroform	JU	0.01	mg/kg	0.01	SW846-8260
Chloromethane	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Toluene	J	0.025	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	JU	0.01	mg/kg	0.01	SW846-8260

NST2S02

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC2021SS

Collected: 1/11/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	W	5.25	mg/kg		5	SW846-7060
Barium	*N	107	mg/kg		1	SW846-6010A
Beryllium		0.62	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		9.86	mg/kg		2	SW846-6010A
Lead	N	30.2	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		311	mg/kg	67.9	0.94	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	XU	1	mg/kg		1	SW846-8082
PCB-1260	XU	1	mg/kg		1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	X	1.1	mg/kg		1	SW846-8082
RADS						
Actinium-228		0.6114	pCi/g	0.0042	0.1238	RL-7124
Alpha activity		62.23	pCi/g	11.56	1.79	RL-7119
Americium-241	U	0.05776	pCi/g	0.1155	0.2051	RL-7124
Americium-243	U	0.1281	pCi/g	0.2562	0.0815	RL-7124
Antimony-124	U	0.00159	pCi/g	0.0032	0.0332	RL-7124
Antimony-125	U	0.02748	pCi/g	0.055	0.0945	RL-7124
Barium-133	U	-0.0038	pCi/g	0.0077	0.0367	RL-7124
Barium-140	U	-0.0775	pCi/g	0.155	0.1649	RL-7124
Beryllium-7	U	-0.0743	pCi/g	0.1487	0.2972	RL-7124
Beta activity		122.73	pCi/g	8.9	3	RL-7119
Bismuth-211	U	1.542	pCi/g	3.083	0.3518	RL-7124
Bismuth-212		0.333	pCi/g	0.2031	0.275	RL-7124
Bismuth-214		0.6197	pCi/g	0.1461	0.0639	RL-7124
Cerium-139	U	0.01061	pCi/g	0.0212	0.0291	RL-7124
Cerium-141	U	0.08307	pCi/g	0.1661	0.0623	RL-7124
Cerium-144	U	-0.0838	pCi/g	0.1676	0.2167	RL-7124
Cesium-134	U	-0.0021	pCi/g	0.0042	0.0292	RL-7124
Cesium-136	U	0.01728	pCi/g	0.0346	0.0695	RL-7124
Cesium-137		0.5336	pCi/g	0.0559	0.0373	RL-7124
Chromium-51	U	-0.0385	pCi/g	0.0770	0.2737	RL-7124
Cobalt-56	U	0.00221	pCi/g	0.0044	0.0365	RL-7124
Cobalt-57	U	0.01121	pCi/g	0.0224	0.0292	RL-7124
Cobalt-58	U	-0.0061	pCi/g	0.0123	0.0359	RL-7124
Cobalt-60	U	0.01412	pCi/g	0.0283	0.0387	RL-7124
Europium-152	U	-0.0082	pCi/g	0.0165	0.0862	RL-7124
Europium-154	U	-0.0391	pCi/g	0.0781	0.0579	RL-7124
Europium-155	U	0.0948	pCi/g	0.1896	0.1363	RL-7124
Iridium-192	U	0.00583	pCi/g	0.0117	0.0291	RL-7124

NST2S02

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	-0.0256	pCi/g	0.0511	0.0634	RL-7124
Lead-210	U	1.203	pCi/g	2.406	2.866	RL-7124
Lead-211	U	1.542	pCi/g	3.083	0.3518	RL-7124
Lead-212		0.246	pCi/g	0.0523	0.0474	RL-7124
Lead-214		0.5637	pCi/g	0.4949	0.0603	RL-7124
Manganese-54	U	-0.0193	pCi/g	0.0385	0.0325	RL-7124
Mercury-203	U	-0.0072	pCi/g	0.0143	0.0312	RL-7124
Neodymium-147	U	3.076	pCi/g	6.152	0.3648	RL-7124
Neptunium-237	U	0.01065	pCi/g	0.0213	0.0602	RL-7124
Neptunium-237	U	0.044	pCi/g	0.053	0.082	RL-7620
Neptunium-239	U	0.08403	pCi/g	0.1681	1.483	RL-7124
Niobium-94	U	0.00479	pCi/g	0.0096	0.0347	RL-7124
Niobium-95	U	0.2648	pCi/g	0.5295	0.0802	RL-7124
Plutonium-238	A	-0.0079	pCi/g	0.0342	0.299	RL-7120
Plutonium-239/240	A	0.0336	pCi/g	0.0218	0.0484	RL-7120
Potassium-40		5.555	pCi/g	0.6647	0.2825	RL-7124
Promethium-144	U	-0.0070	pCi/g	0.0140	0.0297	RL-7124
Promethium-146	U	-0.0068	pCi/g	0.0137	0.0415	RL-7124
Protactinium-231		0.7593	pCi/g	0.104	0.3546	RL-7124
Protactinium-233	U	0.01448	pCi/g	0.029	0.0754	RL-7124
Protactinium-234m		43.04	pCi/g	1.438	0.662	RL-7124
Radium-223	U	0.2352	pCi/g	0.4703	0.1793	RL-7124
Radium-226	U	0.642	pCi/g	1.284	0.1834	RL-7124
Radium-228	U	0.5209	pCi/g	1.042	0.2328	RL-7124
Radon-219	U	0.1286	pCi/g	0.2573	0.2266	RL-7124
Ruthenium-106	U	0.00368	pCi/g	0.0074	0.3114	RL-7124
Silver-110m	U	0.00163	pCi/g	0.0033	0.0323	RL-7124
Sodium-22	U	-0.0053	pCi/g	0.0107	0.0353	RL-7124
Strontium-90		4	pCi/g	3.1	0.037	OA710333003
Technetium-99		23.6	pCi/g	4.86	4.44	RL-7116
Thallium-208		0.08389	pCi/g	0.9733	0.0329	RL-7124
Thorium-227	U	-0.0472	pCi/g	0.0944	0.1836	RL-7124
Thorium-228		0.2278	pCi/g	0.0408	0.0477	RL-7124
Thorium-228		0.27	pCi/g	0.0556	0.0896	RL-7120
Thorium-229	U	0.09812	pCi/g	0.1962	0.1189	RL-7124
Thorium-230		0.733	pCi/g	0.0904	0.152	RL-7120
Thorium-232	U	0.1526	pCi/g	0.3052	0.0613	RL-7124
Thorium-232		0.256	pCi/g	0.0541	0.133	RL-7120
Thorium-234		43.04	pCi/g	1.438	0.662	RL-7124
Tin-113	U	-0.0143	pCi/g	0.0286	0.0403	RL-7124
Uranium	X	81.2	pCi/g	14.3	2.22	RL-7124
Uranium-234		33	pCi/g	2	0.5	RL-7620
Uranium-234		32.7	pCi/g	5.75	0.895	RL-7124
Uranium-235		0.58	wt %	0.05		RL-7124
Uranium-235		2.2	pCi/g	0.6	0.4	RL-7620
Uranium-238		46.7	pCi/g	2.07	1.28	RL-7124
Uranium-238		104	pCi/g	3.5	0.31	RL-7620
Yttrium-88	U	-0.0125	pCi/g	0.0249	0.0291	RL-7124
Zinc-65	U	-0.0238	pCi/g	0.0476	0.0638	RL-7124
Zirconium-95	U	0.2448	pCi/g	0.4896	0.0741	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260

NST2S02

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	UX	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene		0.011	mg/kg	0.01	SW846-8260
m,p-Xylene	UX	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene		0.018	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

NST2S03

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC2031SS

Collected: 1/11/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	W	13.7	mg/kg		5	SW846-7060
Barium	*N	85.9	mg/kg		1	SW846-6010A
Beryllium		0.68	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		81	mg/kg		2	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		59.3	mg/kg	9.9	0.25	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.9286	pCi/g	0.0787	0.0863	RL-7124
Alpha activity		152.3	pCi/g	18.08	1.79	RL-7119
Americium-241		1.956	pCi/g	0.1273	0.1522	RL-7124
Americium-243	U	0.2132	pCi/g	0.4263	0.0685	RL-7124
Antimony-124	U	0.012	pCi/g	0.024	0.0315	RL-7124
Antimony-125	U	-0.0039	pCi/g	0.0078	0.0818	RL-7124
Barium-133	U	0.00930	pCi/g	0.0186	0.0351	RL-7124
Barium-140	U	-0.1168	pCi/g	0.2335	0.1495	RL-7124
Beryllium-7	U	0.1117	pCi/g	0.2234	0.2742	RL-7124
Beta activity		301.01	pCi/g	14	3	RL-7119
Bismuth-211	U	3.11	pCi/g	6.221	0.3827	RL-7124
Bismuth-212		0.7006	pCi/g	0.2508	0.2325	RL-7124
Bismuth-214		1.121	pCi/g	0.0548	0.0564	RL-7124
Cerium-139	U	-0.0096	pCi/g	0.0193	0.0265	RL-7124
Cerium-141	U	0.04399	pCi/g	0.088	0.0550	RL-7124
Cerium-144	U	-0.0565	pCi/g	0.1129	0.1989	RL-7124
Cesium-134	U	0.0121	pCi/g	0.0242	0.0281	RL-7124
Cesium-136	U	-0.0440	pCi/g	0.0881	0.053	RL-7124
Cesium-137		1.057	pCi/g	0.0574	0.035	RL-7124
Chromium-51	U	-0.0701	pCi/g	0.1403	0.2459	RL-7124
Cobalt-56	U	0.00209	pCi/g	0.0042	0.0291	RL-7124
Cobalt-57	U	0.00171	pCi/g	0.0034	0.0256	RL-7124
Cobalt-58	U	-0.0130	pCi/g	0.0260	0.0289	RL-7124
Cobalt-60	U	-0.0057	pCi/g	0.0114	0.0269	RL-7124
Europium-152	U	-0.0299	pCi/g	0.0598	0.0787	RL-7124
Europium-154	U	-0.015	pCi/g	0.0299	0.0524	RL-7124
Europium-155	U	0.02319	pCi/g	0.0464	0.1134	RL-7124
Iridium-192	U	0.00637	pCi/g	0.0128	0.0253	RL-7124

NST2S03

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	0.01329	pCi/g	0.0266	0.0637	RL-7124
Lead-210	U	0.3051	pCi/g	0.6102	2.295	RL-7124
Lead-211	U	3.11	pCi/g	6.221	0.3827	RL-7124
Lead-212		0.8039	pCi/g	0.1625	0.0492	RL-7124
Lead-214		1.052	pCi/g	0.1314	0.0565	RL-7124
Manganese-54	U	0.02703	pCi/g	0.0297	0.0287	RL-7124
Mercury-203	U	0.00390	pCi/g	0.0078	0.0325	RL-7124
Neodymium-147	U	1.05	pCi/g	2.1	0.2432	RL-7124
Neptunium-237		1.169	pCi/g	0.0326	0.0537	RL-7124
Neptunium-237		0.55	pCi/g	0.11	0.015	RL-7620
Neptunium-239	U	0.1071	pCi/g	0.2142	1.233	RL-7124
Niobium-94	U	0.00149	pCi/g	0.003	0.0266	RL-7124
Niobium-95	U	0.1153	pCi/g	0.2306	0.0505	RL-7124
Plutonium-238	A	-0.0664	pCi/g	0.0173	0.296	RL-7120
Plutonium-239/240		1.1	pCi/g	0.0778	0.0444	RL-7120
Potassium-40		7.602	pCi/g	0.6235	0.2323	RL-7124
Promethium-144	U	0.00522	pCi/g	0.0104	0.0255	RL-7124
Promethium-146	U	-0.0042	pCi/g	0.0085	0.0391	RL-7124
Protactinium-231	U	1.239	pCi/g	2.478	0.3686	RL-7124
Protactinium-233		0.372	pCi/g	0.1061	0.067	RL-7124
Protactinium-234m		16.71	pCi/g	0.9249	0.5506	RL-7124
Radium-223		0.5283	pCi/g	0.0688	0.1493	RL-7124
Radium-226	U	0.9901	pCi/g	1.98	0.1878	RL-7124
Radium-228	U	0.9872	pCi/g	1.974	0.2312	RL-7124
Radon-219	U	0.1809	pCi/g	0.1885	0.1928	RL-7124
Ruthenium-106	U	0.04656	pCi/g	0.0931	0.2665	RL-7124
Silver-110m	U	0.00185	pCi/g	0.0037	0.029	RL-7124
Sodium-22	U	-0.0023	pCi/g	0.0045	0.0309	RL-7124
Strontium-90		5	pCi/g	2.5	0.025	OA710333003
Technetium-99		281	pCi/g	11.1	4.44	RL-7116
Thallium-208		0.3394	pCi/g	0.0562	0.0298	RL-7124
Thorium-227	U	0.0071	pCi/g	0.0142	0.1934	RL-7124
Thorium-228	U	0.826	pCi/g	1.652	0.0953	RL-7124
Thorium-228		0.79	pCi/g	0.093	0.0884	RL-7120
Thorium-229	U	0.09924	pCi/g	0.1985	0.111	RL-7124
Thorium-230		55.9	pCi/g	0.779	0.153	RL-7120
Thorium-232		0.77	pCi/g	0.0917	0.133	RL-7120
Thorium-232	U	0.3278	pCi/g	0.6556	0.0633	RL-7124
Thorium-234		16.71	pCi/g	0.9249	0.5506	RL-7124
Tin-113	U	-0.0109	pCi/g	0.0218	0.0359	RL-7124
Uranium	X	33.9	pCi/g	6.38	1.76	RL-7124
Uranium-234		12.4	pCi/g	0.63	0.1	RL-7620
Uranium-234		14.2	pCi/g	2.68	0.734	RL-7124
Uranium-235		0.69	pCi/g	0.18	0.13	RL-7620
Uranium-235		0.61	wt %	0.05		RL-7124
Uranium-238		19.8	pCi/g	0.79	0.08	RL-7620
Uranium-238		18.9	pCi/g	1.29	0.974	RL-7124
Yttrium-88	U	-0.0147	pCi/g	0.0293	0.0271	RL-7124
Zinc-65	U	0.00436	pCi/g	0.0087	0.0611	RL-7124
Zirconium-95	U	0.1068	pCi/g	0.2135	0.0468	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260

NST2S03

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone		0.038	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

NST2S04

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC2041SS

Collected: 1/12/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic	W	11.5	mg/kg		5	SW846-7060
Barium	*N	300	mg/kg		1	SW846-6010A
Beryllium		1.86	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		14.2	mg/kg		2	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		1.9	mg/kg	0.5	0.09	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		1.934	pCi/g	0.1481	0.1615	RL-7124
Alpha activity		2.3	pCi/g	1.62	1.08	RL-7119
Americium-241	U	0.01719	pCi/g	0.0344	0.1576	RL-7124
Americium-243	U	0.2462	pCi/g	0.0286	0.0632	RL-7124
Antimony-124	U	-0.0101	pCi/g	0.0203	0.0424	RL-7124
Antimony-125	U	0.04219	pCi/g	0.0844	0.1226	RL-7124
Barium-133	U	0.01216	pCi/g	0.0243	0.0505	RL-7124
Barium-140	U	0.00548	pCi/g	0.011	0.2068	RL-7124
Beryllium-7	U	0.02889	pCi/g	0.0578	0.3432	RL-7124
Beta activity		21.16	pCi/g	3.46	2.39	RL-7119
Bismuth-211	U	7.585	pCi/g	15.17	0.702	RL-7124
Bismuth-212		1.655	pCi/g	0.2626	0.365	RL-7124
Bismuth-214		2.712	pCi/g	0.1239	0.0796	RL-7124
Cerium-139	U	-0.0093	pCi/g	0.0187	0.0356	RL-7124
Cerium-141	U	-0.0271	pCi/g	0.0542	0.0648	RL-7124
Cerium-144	U	-0.0647	pCi/g	0.1293	0.2499	RL-7124
Cesium-134	U	-0.0113	pCi/g	0.0227	0.0399	RL-7124
Cesium-136	U	-0.0217	pCi/g	0.0434	0.0754	RL-7124
Cesium-137	U	0.03395	pCi/g	0.0679	0.0501	RL-7124
Chromium-51	U	0.02826	pCi/g	0.0565	0.369	RL-7124
Cobalt-56	U	-0.0066	pCi/g	0.0133	0.045	RL-7124
Cobalt-57	U	0.00048	pCi/g	0.001	0.0309	RL-7124
Cobalt-58	U	-0.0337	pCi/g	0.0675	0.0418	RL-7124
Cobalt-60	U	0.00695	pCi/g	0.0139	0.0489	RL-7124
Europium-152	U	-0.0072	pCi/g	0.0144	0.1193	RL-7124
Europium-154	U	-0.0065	pCi/g	0.013	0.0649	RL-7124
Europium-155	U	0.1545	pCi/g	0.3091	0.138	RL-7124
Iridium-192	U	-0.0111	pCi/g	0.0221	0.0375	RL-7124

NST2S04

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	0.00366	pCi/g	0.0073	0.0953	RL-7124
Lead-210		2.646	pCi/g	2.498	2.399	RL-7124
Lead-211	U	7.585	pCi/g	15.17	0.702	RL-7124
Lead-212		1.753	pCi/g	0.0661	0.0675	RL-7124
Lead-214		2.664	pCi/g	0.1488	0.0859	RL-7124
Manganese-54	U	0.03733	pCi/g	0.0747	0.0493	RL-7124
Mercury-203	U	0.03046	pCi/g	0.0609	0.0441	RL-7124
Neodymium-147	U	0.3931	pCi/g	0.7863	0.193	RL-7124
Neptunium-237	U	7E-07	pCi/g	0.024	0.052	RL-7620
Neptunium-237	U	0.00668	pCi/g	0.0134	0.0788	RL-7124
Neptunium-239	U	0.1945	pCi/g	0.389	0.7873	RL-7124
Niobium-94	U	-0.011	pCi/g	0.0219	0.0429	RL-7124
Niobium-95	U	0.00387	pCi/g	0.0077	0.0605	RL-7124
Plutonium-238	A	-0.0865	pCi/g	0.0338	0.317	RL-7120
Plutonium-239/240	A	0.00188	pCi/g	0.014	0.0484	RL-7120
Potassium-40		12.17	pCi/g	1.01	0.4497	RL-7124
Promethium-144	U	0.00468	pCi/g	0.0094	0.041	RL-7124
Promethium-146	U	0.02504	pCi/g	0.0501	0.0574	RL-7124
Protactinium-231		0.9513	pCi/g	0.0702	0.3066	RL-7124
Protactinium-233	U	0.00600	pCi/g	0.012	0.0935	RL-7124
Protactinium-234m		2.386	pCi/g	0.0735	0.5723	RL-7124
Radium-223	U	0.7861	pCi/g	1.572	0.271	RL-7124
Radium-226	U	2.426	pCi/g	4.852	0.326	RL-7124
Radium-228	U	2.419	pCi/g	4.839	0.4318	RL-7124
Radon-219	U	1.015	pCi/g	2.029	0.3442	RL-7124
Ruthenium-106	U	-0.0046	pCi/g	0.0092	0.4037	RL-7124
Silver-110m	U	-0.0047	pCi/g	0.0093	0.0442	RL-7124
Sodium-22	U	-0.0041	pCi/g	0.0082	0.0513	RL-7124
Strontium-90	U	1.3	pCi/g	1.5	0.035	OA710333003
Technetium-99	U	0.109	pCi/g	0.797	2.83	RL-7116
Thallium-208		0.346	pCi/g	0.0046	0.0468	RL-7124
Thorium-227	U	-0.0233	pCi/g	0.0466	0.2787	RL-7124
Thorium-228		0.269	pCi/g	0.0575	0.07	RL-7120
Thorium-228	U	2.357	pCi/g	4.715	0.1823	RL-7124
Thorium-229	U	0.1826	pCi/g	0.3653	0.1466	RL-7124
Thorium-230		0.313	pCi/g	0.0641	0.139	RL-7120
Thorium-232		0.265	pCi/g	0.0557	0.0727	RL-7120
Thorium-232		0.5376	pCi/g	0.0730	0.0468	RL-7124
Thorium-234		2.386	pCi/g	0.0735	0.5723	RL-7124
Tin-113	U	-0.0099	pCi/g	0.0199	0.0528	RL-7124
Uranium	X	5.4	pCi/g	2.82	1.68	RL-7124
Uranium-234		0.56	pCi/g	0.1	0.04	RL-7620
Uranium-234		1.21	pCi/g	0.63	0.367	RL-7124
Uranium-235		0.33	wt %	0.07		RL-7124
Uranium-235		0.045	pCi/g	0.03	0.037	RL-7620
Uranium-238		0.65	pCi/g	0.1	0.03	RL-7620
Uranium-238		4.11	pCi/g	0.659	1.24	RL-7124
Yttrium-88	U	-0.0217	pCi/g	0.0435	0.0427	RL-7124
Zinc-65	U	-0.0262	pCi/g	0.0524	0.0951	RL-7124
Zirconium-95	U	0.00364	pCi/g	0.0073	0.0570	RL-7124

NST2S05

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC2051SS

Collected: 1/13/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	50.8	mg/kg		1	SW846-6010A
Beryllium		0.51	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		10.4	mg/kg		2	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		1.65	mg/kg	0.43	0.034	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		5.05	pCi/g	0.3015	0.948	RL-7124
Alpha activity		5.02	pCi/g	2.59	2.83	RL-7119
Americium-241	U	-0.0832	pCi/g	0.1664	0.7845	RL-7124
Americium-243	U	0.964	pCi/g	0.1507	0.3086	RL-7124
Antimony-124	U	-0.0492	pCi/g	0.0984	0.2164	RL-7124
Antimony-125	U	-0.156	pCi/g	0.312	0.6089	RL-7124
Barium-133	U	0.0088	pCi/g	0.0176	0.2607	RL-7124
Barium-140	U	0.07373	pCi/g	0.1475	1.132	RL-7124
Beryllium-7	U	-0.6115	pCi/g	1.223	1.946	RL-7124
Beta activity		7.78	pCi/g	1.93	2.34	RL-7119
Bismuth-211	U	15.59	pCi/g	31.18	2.928	RL-7124
Bismuth-212		4.705	pCi/g	0.9342	1.832	RL-7124
Bismuth-214		5.561	pCi/g	0.3289	0.403	RL-7124
Cerium-139	U	-0.0493	pCi/g	0.0986	0.1726	RL-7124
Cerium-141	U	0.1443	pCi/g	0.2887	0.3281	RL-7124
Cerium-144	U	0.1469	pCi/g	0.2938	1.289	RL-7124
Cesium-134	U	-0.0456	pCi/g	0.0912	0.2055	RL-7124
Cesium-136	U	0.111	pCi/g	0.222	0.4441	RL-7124
Cesium-137	U	0.01831	pCi/g	0.0366	0.2572	RL-7124
Chromium-51	U	-0.0268	pCi/g	0.0536	1.822	RL-7124
Cobalt-56	U	0.03266	pCi/g	0.0653	0.2433	RL-7124
Cobalt-57	U	-0.0017	pCi/g	0.0034	0.1593	RL-7124
Cobalt-58	U	-0.0260	pCi/g	0.0520	0.2498	RL-7124
Cobalt-60	U	0.05262	pCi/g	0.1052	0.2748	RL-7124
Europium-152	U	-0.1571	pCi/g	0.3142	0.5923	RL-7124
Europium-154	U	-0.061	pCi/g	0.1219	0.3272	RL-7124
Europium-155	U	0.1393	pCi/g	0.2787	0.6876	RL-7124
Iridium-192	U	0.02713	pCi/g	0.0543	0.2067	RL-7124

NST2S05

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	-0.2154	pCi/g	0.4307	0.4831	RL-7124
Lead-210	U	-2.123	pCi/g	4.246	12.77	RL-7124
Lead-211	U	15.59	pCi/g	31.18	2.928	RL-7124
Lead-212		4.629	pCi/g	0.3439	0.3291	RL-7124
Lead-214		5.456	pCi/g	0.1292	0.4324	RL-7124
Manganese-54	U	0.08706	pCi/g	0.1741	0.2825	RL-7124
Mercury-203	U	0.00782	pCi/g	0.0156	0.2132	RL-7124
Neodymium-147	U	1.587	pCi/g	3.174	0.9148	RL-7124
Neptunium-237	U	0.01	pCi/g	0.025	0.047	RL-7620
Neptunium-237	U	0.07835	pCi/g	0.1567	0.4192	RL-7124
Neptunium-239	U	-0.9276	pCi/g	1.855	3.078	RL-7124
Niobium-94	U	0.1357	pCi/g	0.2714	0.2519	RL-7124
Niobium-95	U	0.03915	pCi/g	0.0783	0.2949	RL-7124
Plutonium-238	A	-0.0841	pCi/g	0.0333	0.317	RL-7120
Plutonium-239/240	A	0.041	pCi/g	0.0254	0.0483	RL-7120
Potassium-40		52.21	pCi/g	5.499	2.166	RL-7124
Promethium-144	U	0.03571	pCi/g	0.0714	0.2168	RL-7124
Promethium-146	U	-0.0242	pCi/g	0.0484	0.292	RL-7124
Protactinium-231		2.645	pCi/g	0.0533	1.451	RL-7124
Protactinium-233	U	0.1328	pCi/g	0.2656	0.4874	RL-7124
Protactinium-234m	U	9.943	pCi/g	19.89	4.198	RL-7124
Radium-223	U	2.077	pCi/g	4.153	1.363	RL-7124
Radium-226	U	5.152	pCi/g	10.3	1.389	RL-7124
Radium-228	U	7.57	pCi/g	15.14	2.162	RL-7124
Radon-219	U	2.68	pCi/g	5.361	1.777	RL-7124
Ruthenium-106	U	0.1462	pCi/g	0.2923	2.132	RL-7124
Silver-110m	U	-0.0951	pCi/g	0.1903	0.2186	RL-7124
Sodium-22	U	-0.0106	pCi/g	0.0213	0.2698	RL-7124
Strontium-90		1.3	pCi/g	0.77	0.034	OA710333003
Technetium-99		15.6	pCi/g	3.55	2.83	RL-7116
Thallium-208	U	2.224	pCi/g	4.447	0.5844	RL-7124
Thorium-227	U	0.02072	pCi/g	0.0415	1.364	RL-7124
Thorium-228	U	7.065	pCi/g	14.13	0.8786	RL-7124
Thorium-228		0.364	pCi/g	0.0678	0.0719	RL-7120
Thorium-229	U	0.8027	pCi/g	1.605	0.6902	RL-7124
Thorium-230		1.4	pCi/g	0.132	0.152	RL-7120
Thorium-232		2.282	pCi/g	0.3152	0.2537	RL-7124
Thorium-232		0.302	pCi/g	0.0611	0.075	RL-7120
Thorium-234	U	9.943	pCi/g	19.89	4.198	RL-7124
Tin-113	U	-0.1012	pCi/g	0.2024	0.2783	RL-7124
Uranium	X	17.9	pCi/g	8.47	3.33	RL-7124
Uranium-234		0.41	pCi/g	0.09	0.08	RL-7620
Uranium-234		6.48	pCi/g	3.06	1.13	RL-7124
Uranium-235		0.51	wt %	0.04		RL-7124
Uranium-235		0.052	pCi/g	0.033	0.014	RL-7620
Uranium-238		0.55	pCi/g	0.1	0.011	RL-7620
Uranium-238		11.1	pCi/g	3.14	1.9	RL-7124
Yttrium-88	U	0.09856	pCi/g	0.1971	0.2742	RL-7124
Zinc-65	U	0.09047	pCi/g	0.1809	0.561	RL-7124
Zirconium-95	U	0.03718	pCi/g	0.0744	0.2801	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260

NST2S05

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone		0.055	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

NST2S05

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

BJC2052SS

Collected: 1/13/2000

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	49.1	mg/kg		1	SW846-6010A
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		8.37	mg/kg		2	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		1.4	mg/kg	0.93	0.09	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.7773	pCi/g	0.0805	0.0928	RL-7124
Alpha activity		3.07	pCi/g	1.94	2.83	RL-7119
Americium-241	U	-0.0088	pCi/g	0.0176	0.077	RL-7124
Americium-243	U	0.03866	pCi/g	0.0157	0.0318	RL-7124
Antimony-124	U	-0.0063	pCi/g	0.0125	0.0229	RL-7124
Antimony-125	U	0.00204	pCi/g	0.0041	0.0618	RL-7124
Barium-133	U	-0.0083	pCi/g	0.0166	0.0254	RL-7124
Barium-140	U	-0.0269	pCi/g	0.0539	0.1082	RL-7124
Beryllium-7	U	0.02046	pCi/g	0.0409	0.1947	RL-7124
Beta activity		8.61	pCi/g	2.04	2.34	RL-7119
Bismuth-211	U	1.622	pCi/g	3.244	0.2985	RL-7124
Bismuth-212		0.6299	pCi/g	0.1895	0.1821	RL-7124
Bismuth-214		0.4899	pCi/g	0.0377	0.0506	RL-7124
Cerium-139	U	0.00365	pCi/g	0.0073	0.0171	RL-7124
Cerium-141	U	-0.0042	pCi/g	0.0085	0.0315	RL-7124
Cerium-144	U	0.01381	pCi/g	0.0276	0.1242	RL-7124
Cesium-134	U	-0.0046	pCi/g	0.0092	0.0222	RL-7124
Cesium-136	U	-0.0088	pCi/g	0.0176	0.0377	RL-7124
Cesium-137	U	-0.0123	pCi/g	0.0247	0.0253	RL-7124
Chromium-51	U	0.01011	pCi/g	0.0202	0.1897	RL-7124
Cobalt-56	U	-0.0075	pCi/g	0.0149	0.0233	RL-7124
Cobalt-57	U	-0.0011	pCi/g	0.0022	0.0152	RL-7124
Cobalt-58	U	-0.0120	pCi/g	0.0240	0.0216	RL-7124
Cobalt-60	U	0.01547	pCi/g	0.0309	0.0288	RL-7124
Europium-152	U	0.00382	pCi/g	0.0076	0.0622	RL-7124
Europium-154	U	-0.0139	pCi/g	0.0278	0.0315	RL-7124
Europium-155	U	0.0609	pCi/g	0.1218	0.0696	RL-7124
Iridium-192	U	-0.0061	pCi/g	0.0121	0.0194	RL-7124

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PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

Iron-59	U	-0.0146	pCi/g	0.0292	0.0497	RL-7124
Lead-210	U	0.1747	pCi/g	0.3494	1.28	RL-7124
Lead-211	U	1.622	pCi/g	3.244	0.2985	RL-7124
Lead-212		0.4824	pCi/g	0.0463	0.0344	RL-7124
Lead-214		0.5656	pCi/g	0.129	0.0437	RL-7124
Manganese-54	U	0.01429	pCi/g	0.0286	0.0293	RL-7124
Mercury-203	U	0.00977	pCi/g	0.0196	0.0216	RL-7124
Neodymium-147	U	0.1217	pCi/g	0.2433	0.093	RL-7124
Neptunium-237	U	0.02976	pCi/g	0.0595	0.0448	RL-7124
Neptunium-237	U	0.024	pCi/g	0.037	0.063	RL-7620
Neptunium-239	U	0.09904	pCi/g	0.1981	0.3258	RL-7124
Niobium-94	U	-0.0042	pCi/g	0.0084	0.0234	RL-7124
Niobium-95	U	0.01456	pCi/g	0.0291	0.0304	RL-7124
Plutonium-238	A	-0.0801	pCi/g	0.035	0.317	RL-7120
Plutonium-239/240	A	-0.0149	pCi/g	0.0089	0.0486	RL-7120
Potassium-40		5.159	pCi/g	0.5231	0.248	RL-7124
Promethium-144	U	0.00295	pCi/g	0.0059	0.0219	RL-7124
Promethium-146	U	0.00263	pCi/g	0.0052	0.0264	RL-7124
Protactinium-231		0.2219	pCi/g	0.0661	0.1544	RL-7124
Protactinium-233	U	0.03221	pCi/g	0.0644	0.0518	RL-7124
Protactinium-234m	U	1.086	pCi/g	2.172	0.415	RL-7124
Radium-223	U	0.3167	pCi/g	0.6334	0.1454	RL-7124
Radium-226	U	0.5169	pCi/g	1.034	0.139	RL-7124
Radium-228	U	0.7274	pCi/g	1.455	0.2195	RL-7124
Radon-219	U	0.3	pCi/g	0.6001	0.1769	RL-7124
Ruthenium-106	U	-0.0058	pCi/g	0.0115	0.2252	RL-7124
Silver-110m	U	-7E-05	pCi/g	0.0001	0.0239	RL-7124
Sodium-22	U	-0.0015	pCi/g	0.0031	0.0283	RL-7124
Strontium-90		2.7	pCi/g	1.6	0.036	OA710333003
Technetium-99	U	3.39	pCi/g	2.88	2.83	RL-7116
Thallium-208		0.1716	pCi/g	0.0455	0.0253	RL-7124
Thorium-227	U	0.01401	pCi/g	0.0280	0.1326	RL-7124
Thorium-228		0.2206	pCi/g	0.0372	0.0345	RL-7124
Thorium-228		0.312	pCi/g	0.0645	0.0709	RL-7120
Thorium-229	U	0.05184	pCi/g	0.1037	0.0719	RL-7124
Thorium-230		0.394	pCi/g	0.0774	0.144	RL-7120
Thorium-232		0.288	pCi/g	0.0626	0.0773	RL-7120
Thorium-232	U	0.2416	pCi/g	0.4833	0.0600	RL-7124
Thorium-234	U	1.086	pCi/g	2.172	0.415	RL-7124
Tin-113	U	-0.0158	pCi/g	0.0316	0.0252	RL-7124
Uranium	UX	2.06	pCi/g	2.94	0.36	RL-7124
Uranium-234		0.46	pCi/g	0.09	0.08	RL-7620
Uranium-234	U	0.804	pCi/g	1.15	0.132	RL-7124
Uranium-235	U	0.01	pCi/g	0.024	0.046	RL-7620
Uranium-235		0.56	wt %	0.38		RL-7124
Uranium-238		0.47	pCi/g	0.09	0.03	RL-7620
Uranium-238	U	1.21	pCi/g	0.32	0.195	RL-7124
Yttrium-88	U	-0.0077	pCi/g	0.0155	0.0215	RL-7124
Zinc-65	U	-0.0255	pCi/g	0.0510	0.0476	RL-7124
Zirconium-95	U	0.01381	pCi/g	0.0276	0.0289	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260

NST2S05

PLDJNS00-01

False Claims Investigation - North/South Diversion Ditch

1,1-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone		0.051	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0.01	SW846-8260

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PLDJNS00-07 **False Claims Investigation (Phase II) - North/South Diversion Ditch**
PLDJNSA10-01SO

Collected: 8/21/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic		10.5	mg/kg		5	SW846-7060
Barium	*N	67.7	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		9.23	mg/kg		2.5	SW846-6010A
Lead	*N	46.7	mg/kg		20	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		20	mg/kg		0.15	RL-7620
Zinc	*N	36.4	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260		12.5	mg/kg		0.8	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl		12.5	mg/kg		0.8	SW846-8082
RADS						
Alpha activity		12.97	pCi/g	5.19	4.64	RL-7119
Americium-241	U	0.013	pCi/g	0.026	0.1	RL-7124
Americium-243	U	0.01	pCi/g	0.021	0.042	RL-7124
Antimony-124	U	0.0023	pCi/g	0.0046	0.017	RL-7124
Antimony-125	U	-0.0049	pCi/g	0.0098	0.053	RL-7124
Barium-133	U	0.0055	pCi/g	0.011	0.024	RL-7124
Barium-140	U	-0.004	pCi/g	0.0081	0.074	RL-7124
Beryllium-7	U	-0.03	pCi/g	0.061	0.16	RL-7124
Beta activity		26.71	pCi/g	3.94	2.29	RL-7119
Bismuth-212		0.16	pCi/g	0.1	0.11	RL-7124
Bismuth-214		0.39	pCi/g	0.032	0.031	RL-7124
Cerium-139	U	-0.011	pCi/g	0.022	0.018	RL-7124
Cerium-141	U	0.058	pCi/g	0.11	0.037	RL-7124
Cerium-144	U	-0.053	pCi/g	0.1	0.14	RL-7124
Cesium-134	U	-0.0016	pCi/g	0.0032	0.016	RL-7124
Cesium-136	U	0.013	pCi/g	0.026	0.028	RL-7124
Cesium-137		0.71	pCi/g	0.037	0.02	RL-7124
Chromium-51	U	0.03	pCi/g	0.06	0.16	RL-7124
Cobalt-56	U	6.5E-05	pCi/g	0.0001	0.019	RL-7124
Cobalt-57	U	0.0071	pCi/g	0.014	0.018	RL-7124
Cobalt-58	U	-0.018	pCi/g	0.037	0.014	RL-7124
Cobalt-60	U	-0.0073	pCi/g	0.014	0.014	RL-7124
Europium-152	U	-0.0007	pCi/g	0.0013	0.051	RL-7124
Europium-154	U	0.013	pCi/g	0.027	0.039	RL-7124
Europium-155	U	0.036	pCi/g	0.073	0.081	RL-7124
Iridium-192	U	-0.0082	pCi/g	0.016	0.017	RL-7124
Iron-59	U	0.0033	pCi/g	0.0067	0.03	RL-7124

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PLDJNS00-07 **False Claims Investigation (Phase II) - North/South Diversion Ditch**

Lead-210	U	3.1	pCi/g	6.2	5.9	RL-7124
Lead-211	U	1.3	pCi/g	2.7	0.24	RL-7124
Lead-214		0.34	pCi/g	0.028	0.037	RL-7124
Manganese-54	U	0.008	pCi/g	0.016	0.018	RL-7124
Mercury-203	U	0.0014	pCi/g	0.0028	0.019	RL-7124
Neptunium-237		0.03	pCi/g	0.021	0.01	RL-7620
Neptunium-237	U	0.0055	pCi/g	0.011	0.037	RL-7124
Neptunium-239	U	0.012	pCi/g	0.025	0.28	RL-7124
Niobium-94	U	2.2E-05	pCi/g	4E-05	0.014	RL-7124
Plutonium-238	U	-0.0767	pCi/g	0.0225	0.292	RL-7120
Plutonium-239/240	U	0.0462	pCi/g	0.0191	0.0554	RL-7120
Potassium-40		2	pCi/g	0.26	0.14	RL-7124
Promethium-144	U	0.011	pCi/g	0.023	0.016	RL-7124
Promethium-146	U	0.00078	pCi/g	0.0015	0.026	RL-7124
Protactinium-233	U	0.0062	pCi/g	0.012	0.042	RL-7124
Protactinium-234m		4.9	pCi/g	0.39	0.4	RL-7124
Radium-223	U	0.069	pCi/g	0.13	0.11	RL-7124
Radium-226		0.16	pCi/g	0.0088	0.073	RL-7124
Radium-228		0.21	pCi/g	0.043	0.057	RL-7124
Radon-219	U	0.086	pCi/g	0.17	0.14	RL-7124
Ruthenium-106	U	-0.059	pCi/g	0.12	0.15	RL-7124
Silver-110m	U	0.0035	pCi/g	0.0069	0.018	RL-7124
Sodium-22	U	-0.0022	pCi/g	0.0044	0.014	RL-7124
Strontium-90	U	0.4	pCi/g	1.2	1.7	OA710333003
Technetium-99	U	0.245	pCi/g	4.42	4.55	RL-7116
Thallium-208	U	0.058	pCi/g	0.11	0.029	RL-7124
Thorium-227	U	-0.022	pCi/g	0.044	0.12	RL-7124
Thorium-228		0.17	pCi/g	0.025	0.032	RL-7124
Thorium-228	U	0.118	pCi/g	0.0323	0.132	RL-7120
Thorium-229	U	0.006	pCi/g	0.012	0.075	RL-7124
Thorium-230		0.38	pCi/g	0.0631	0.137	RL-7120
Thorium-232		0.0935	pCi/g	0.0322	0.0522	RL-7120
Thorium-234		4.9	pCi/g	0.39	0.4	RL-7124
Tin-113	U	-0.0029	pCi/g	0.0059	0.023	RL-7124
Uranium	X	10.6	pCi/g	6.8	1.54	RL-7124
Uranium-233/234		4.7	pCi/g	0.29	0.072	RL-7620
Uranium-234		4.5	pCi/g	2.87	0.651	RL-7124
Uranium-235		0.32	pCi/g	0.087	0.041	RL-7620
Uranium-235		0.62	wt %	0.19		RL-7124
Uranium-236		0.12	pCi/g	0.049	0.014	RL-7620
Uranium-238		6.6	pCi/g	0.35	0.049	RL-7620
Uranium-238		5.91	pCi/g	1.13	0.857	RL-7124
Yttrium-88	U	-0.0016	pCi/g	0.0033	0.012	RL-7124
Zinc-65	U	-0.0035	pCi/g	0.007	0.034	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dimethylbenzene		0.015	mg/kg	0	0.01	SW846-8260
2-Butanone	UX	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0	0.01	SW846-8260

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PLDJNS00-07

False Claims Investigation (Phase II) - North/South Diversion Ditch

4-Methyl-2-pentanone	U	0.01	mg/kg	0	0.01	SW846-8260
Acetone	J	0.039	mg/kg	0	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Ethylbenzene		0.018	mg/kg	0	0.01	SW846-8260
m,p-Xylene		0.04	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0	0.01	SW846-8260
Toluene		0.037	mg/kg	0	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0	0.01	SW846-8260

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PLDJNS00-07 **False Claims Investigation (Phase II) - North/South Diversion Ditch**
PLDJNSA10-02SO

Collected: 8/21/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic		5.03	mg/kg		5	SW846-7060
Barium	*N	126	mg/kg		5	SW846-6010A
Beryllium		0.6	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		21.2	mg/kg		2.5	SW846-6010A
Lead	*NU	20	mg/kg		20	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		3.8	mg/kg		0.026	RL-7620
Zinc	*N	55.7	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.66	pCi/g	0.042	0.071	RL-7124
Alpha activity		10.18	pCi/g	4.8	4.64	RL-7119
Americium-241	U	0.031	pCi/g	0.063	0.1	RL-7124
Americium-243	U	0.13	pCi/g	0.27	0.047	RL-7124
Antimony-124	U	-0.0035	pCi/g	0.0071	0.018	RL-7124
Antimony-125	U	0.022	pCi/g	0.045	0.06	RL-7124
Barium-133	U	0.0028	pCi/g	0.0056	0.025	RL-7124
Barium-140	U	-0.013	pCi/g	0.026	0.088	RL-7124
Beryllium-7	U	-0.0031	pCi/g	0.0061	0.16	RL-7124
Beta activity		5.88	pCi/g	1.74	2.29	RL-7119
Bismuth-212		0.43	pCi/g	0.13	0.15	RL-7124
Bismuth-214		0.55	pCi/g	0.048	0.035	RL-7124
Cerium-139	U	-0.01	pCi/g	0.02	0.02	RL-7124
Cerium-141	U	0.02	pCi/g	0.041	0.039	RL-7124
Cerium-144	U	0.053	pCi/g	0.1	0.15	RL-7124
Cesium-134	U	-0.0091	pCi/g	0.018	0.017	RL-7124
Cesium-136	U	0.0027	pCi/g	0.0054	0.032	RL-7124
Cesium-137		0.045	pCi/g	0.03	0.02	RL-7124
Chromium-51	U	-0.018	pCi/g	0.036	0.17	RL-7124
Cobalt-56	U	0.0004	pCi/g	0.0008	0.021	RL-7124
Cobalt-57	U	-0.0001	pCi/g	0.0003	0.019	RL-7124
Cobalt-58	U	-0.0032	pCi/g	0.0007	0.018	RL-7124
Cobalt-60	U	0.0077	pCi/g	0.015	0.02	RL-7124
Europium-152	U	-0.016	pCi/g	0.032	0.058	RL-7124
Europium-154	U	0.0016	pCi/g	0.0033	0.041	RL-7124
Europium-155	U	0.043	pCi/g	0.087	0.086	RL-7124
Iridium-192	U	-0.0031	pCi/g	0.0062	0.019	RL-7124

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PLDJNS00-07 **False Claims Investigation (Phase II) - North/South Diversion Ditch**

Iron-59	U	-0.022	pCi/g	0.045	0.039	RL-7124
Lead-210	U	0.34	pCi/g	0.69	5.7	RL-7124
Lead-212		0.53	pCi/g	0.036	0.04	RL-7124
Lead-214		0.5	pCi/g	0.034	0.041	RL-7124
Manganese-54	U	0.021	pCi/g	0.043	0.022	RL-7124
Mercury-203	U	0.019	pCi/g	0.038	0.023	RL-7124
Neptunium-237	U	0.012	pCi/g	0.025	0.041	RL-7124
Neptunium-237	U	0.019	pCi/g	0.021	0.029	RL-7620
Neptunium-239	U	0.064	pCi/g	0.12	0.32	RL-7124
Niobium-94	U	0.005	pCi/g	0.01	0.018	RL-7124
Niobium-95	U	-0.012	pCi/g	0.023	0.022	RL-7124
Plutonium-238	U	-0.0488	pCi/g	0.0264	0.293	RL-7120
Plutonium-239/240	U	-0.0062	pCi/g	0.0118	0.0555	RL-7120
Potassium-40		9.1	pCi/g	0.47	0.14	RL-7124
Promethium-144	U	0.0022	pCi/g	0.0044	0.017	RL-7124
Promethium-146	U	0.0013	pCi/g	0.0026	0.025	RL-7124
Protactinium-231	U	0.17	pCi/g	0.048	0.18	RL-7124
Protactinium-233	U	0.014	pCi/g	0.029	0.046	RL-7124
Protactinium-234m		1.1	pCi/g	0.23	0.34	RL-7124
Ruthenium-106	U	-0.0092	pCi/g	0.018	0.17	RL-7124
Silver-110m	U	0.012	pCi/g	0.024	0.019	RL-7124
Sodium-22	U	-0.0018	pCi/g	0.0036	0.022	RL-7124
Strontium-90	U	0.2	pCi/g	1.1	1.7	OA710333003
Technetium-99	U	0	pCi/g	0	4.55	RL-7116
Thallium-208		0.24	pCi/g	0.023	0.02	RL-7124
Thorium-227	U	0.1	pCi/g	0.21	0.14	RL-7124
Thorium-228		0.359	pCi/g	0.0511	0.134	RL-7120
Thorium-228	U	0.55	pCi/g	1.1	0.077	RL-7124
Thorium-229	U	0.00081	pCi/g	0.0016	0.079	RL-7124
Thorium-230		0.586	pCi/g	0.0657	0.126	RL-7120
Thorium-232		0.358	pCi/g	0.0494	0.0469	RL-7120
Thorium-234		1.1	pCi/g	0.23	0.34	RL-7124
Tin-113	U	-0.012	pCi/g	0.025	0.025	RL-7124
Uranium-233/234		0.81	pCi/g	0.11	0.066	RL-7620
Uranium-234	U	0.584	pCi/g	1.01	0.242	RL-7124
Uranium-235		0.047	pCi/g	0.027	0.011	RL-7620
Uranium-235		0.34	wt %	0.28		RL-7124
Uranium-236	U	0.011	pCi/g	0.012	0.0095	RL-7620
Uranium-238	U	1.91	pCi/g	0.419	0.789	RL-7124
Uranium-238		1.3	pCi/g	0.13	0.0086	RL-7620
Yttrium-88	U	-0.0021	pCi/g	0.0043	0.015	RL-7124
Zinc-65	U	-0.013	pCi/g	0.027	0.044	RL-7124
Zirconium-95	U	-0.011	pCi/g	0.022	0.021	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
2-Butanone	UX	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0	0.01	SW846-8260

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PLDJNS00-07 **False Claims Investigation (Phase II) - North/South Diversion Ditch**

Acetone	J	0.047	mg/kg	0	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0	0.01	SW846-8260

A10B03

Collected: 8/25/2000 Media Type: SO Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
RADS						
Americium-241	UX	-0.066	pCi/g	0.132	1.55	RL-7124
Cesium-137	UX	0.486	pCi/g	0.972	0.543	RL-7124
Cobalt-60	UX	-0.292	pCi/g	0.585	0.366	RL-7124
Neptunium-237	UX	0.0632	pCi/g	0.126	0.734	RL-7124
Potassium-40	UX	3.82	pCi/g	4.37	3.93	RL-7124
Thorium-234	X	7.47	pCi/g	4.84	5.66	RL-7124

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PLDJNS00-07 **False Claims Investigation (Phase II) - North/South Diversion Ditch**
PLDJNSA10-03SO

Collected: 8/26/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
RADS						
Actinium-228	U	0.032	pCi/g	0.064	0.15	RL-7124
Americium-241	U	0.67	pCi/g	1.3	0.67	RL-7124
Americium-243	U	0.11	pCi/g	0.23	0.22	RL-7124
Antimony-124	U	0.001	pCi/g	0.002	0.042	RL-7124
Antimony-125	U	0.0002	pCi/g	0.0004	0.12	RL-7124
Barium-133	U	0.0075	pCi/g	0.015	0.056	RL-7124
Barium-140	U	0.012	pCi/g	0.24	0.21	RL-7124
Beryllium-7	U	0.085	pCi/g	0.17	0.39	RL-7124
Bismuth-211	U	0.28	pCi/g	0.56	0.3	RL-7124
Bismuth-212	U	0.078	pCi/g	0.15	0.39	RL-7124
Cerium-144	U	0.26	pCi/g	0.52	0.55	RL-7124
Cesium-134	U	-0.012	pCi/g	0.024	0.039	RL-7124
Cesium-136	U	-0.0093	pCi/g	0.0018	0.04	RL-7124
Cesium-137		0.086	pCi/g	0.048	0.053	RL-7124
Chromium-51	U	-0.11	pCi/g	0.22	0.39	RL-7124
Cobalt-56	U	-0.018	pCi/g	0.037	0.043	RL-7124
Cobalt-58	U	-0.023	pCi/g	0.047	0.043	RL-7124
Cobalt-60	U	0.0075	pCi/g	0.015	0.029	RL-7124
Europium-152	U	-0.11	pCi/g	0.22	0.12	RL-7124
Europium-154	U	0.067	pCi/g	0.13	0.15	RL-7124
Iridium-192	U	-0.017	pCi/g	0.034	0.042	RL-7124
Iron-59	U	0.0054	pCi/g	0.01	0.055	RL-7124
Lead-210	U	-1.2	pCi/g	2.5	31	RL-7124
Lead-211	U	0.28	pCi/g	0.56	0.3	RL-7124
Manganese-54	U	-0.008	pCi/g	0.016	0.04	RL-7124
Mercury-203	U	0.012	pCi/g	0.024	0.047	RL-7124
Neodymium-147	U	4.2	pCi/g	0.54	0.47	RL-7124
Neptunium-237	U	0.069	pCi/g	0.13	0.094	RL-7124
Neptunium-239	U	1.2	pCi/g	2.4	1.2	RL-7124
Niobium-94	U	-0.0097	pCi/g	0.019	0.038	RL-7124
Plutonium-238	U	-0.0063	pCi/g	0.0367	0.298	RL-7120
Plutonium-239/240		0.156	pCi/g	0.0388	0.0573	RL-7120
Potassium-40		1.1	pCi/g	0.36	0.24	RL-7124
Promethium-144	U	-5E-05	pCi/g	9E-05	0.043	RL-7124
Promethium-146	U	0.016	pCi/g	0.033	0.06	RL-7124
Protactinium-233	U	0.078	pCi/g	0.15	0.1	RL-7124
Protactinium-234m		260	pCi/g	2.3	1.8	RL-7124
Radium-223	U	-0.12	pCi/g	0.24	0.25	RL-7124
Radium-226	U	0.14	pCi/g	0.0019	0.2	RL-7124
Radium-228	U	0.032	pCi/g	0.064	0.15	RL-7124
Radon-219	U	0.056	pCi/g	0.11	0.33	RL-7124
Ruthenium-106	U	0.064	pCi/g	0.12	0.43	RL-7124
Silver-110m	U	-0.012	pCi/g	0.024	0.045	RL-7124
Sodium-22	U	0.0029	pCi/g	0.0059	0.026	RL-7124
Technetium-99	X	10.2	pCi/g	2.63	2.34	RL-7116
Thallium-208		0.049	pCi/g	0.059	0.048	RL-7124
Thorium-227	U	0.028	pCi/g	0.57	0.31	RL-7124
Thorium-228	U	0.0931	pCi/g	0.0306	0.133	RL-7120
Thorium-229	U	0.058	pCi/g	0.11	0.26	RL-7124

*QUALIFIER Codes See attached List.

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PLDJNS00-07

False Claims Investigation (Phase II) - North/South Diversion Ditch

Thorium-230		4.5	pCi/g	0.198	0.126	RL-7120
Thorium-232		0.0651	pCi/g	0.0245	0.0486	RL-7120
Thorium-232	U	0.048	pCi/g	0.096	0.059	RL-7124
Thorium-234		260	pCi/g	2.3	1.8	RL-7124
Tin-113	U	-0.021	pCi/g	0.042	0.054	RL-7124
Uranium	X	593	pCi/g	191	8.29	RL-7124
Uranium-234		254	pCi/g	81.5	3.57	RL-7124
Uranium-235		0.63	wt %	0.1		RL-7124
Uranium-238		326	pCi/g	7.56	4.61	RL-7124
Yttrium-88	U	0.014	pCi/g	0.029	0.031	RL-7124
Zinc-65	U	-0.054	pCi/g	0.1	0.55	RL-7124

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PLDJNS00-07

False Claims Investigation (Phase II) - North/South Diversion Ditch

PLDJNSA2-01SO

Collected: 8/23/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	110	mg/kg		5	SW846-6010A
Beryllium		0.78	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		19	mg/kg		2.5	SW846-6010A
Lead	*NU	20	mg/kg		20	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		1.9	mg/kg		0.092	RL-7620
Zinc	*N	65.2	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.64	pCi/g	0.055	0.073	RL-7124
Alpha activity		12.55	pCi/g	6.71	2.55	RL-7119
Americium-241	U	-0.014	pCi/g	0.028	0.11	RL-7124
Antimony-124	U	0.0047	pCi/g	0.0094	0.02	RL-7124
Antimony-125	U	0.0021	pCi/g	0.0043	0.058	RL-7124
Barium-133	U	0.0096	pCi/g	0.019	0.028	RL-7124
Barium-140	U	-0.011	pCi/g	0.023	0.084	RL-7124
Beryllium-7	U	-0.056	pCi/g	0.11	0.17	RL-7124
Beta activity		4.15	pCi/g	1.35	2.61	RL-7119
Bismuth-212		0.33	pCi/g	0.17	0.16	RL-7124
Bismuth-214		0.62	pCi/g	0.053	0.04	RL-7124
Cerium-139	U	-0.011	pCi/g	0.023	0.021	RL-7124
Cerium-141	U	0.0091	pCi/g	0.018	0.039	RL-7124
Cerium-144	U	-0.019	pCi/g	0.038	0.16	RL-7124
Cesium-134	U	0.01	pCi/g	0.02	0.02	RL-7124
Cesium-136	U	-0.0045	pCi/g	0.0091	0.029	RL-7124
Cesium-137	U	0.0019	pCi/g	0.0039	0.024	RL-7124
Chromium-51	U	0.019	pCi/g	0.038	0.19	RL-7124
Cobalt-56	U	0.0064	pCi/g	0.012	0.023	RL-7124
Cobalt-57	U	0.0013	pCi/g	0.0026	0.02	RL-7124
Cobalt-58	U	-0.0014	pCi/g	0.0028	0.02	RL-7124
Cobalt-60	U	0.0021	pCi/g	0.0042	0.022	RL-7124
Europium-152	U	0.018	pCi/g	0.037	0.063	RL-7124
Europium-154	U	0.011	pCi/g	0.022	0.043	RL-7124
Europium-155	U	0.039	pCi/g	0.079	0.091	RL-7124
Iridium-192	U	0.0023	pCi/g	0.0046	0.021	RL-7124
Iron-59	U	-0.015	pCi/g	0.031	0.039	RL-7124

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Lead-210	U	-2.9	pCi/g	5.8	6.2	RL-7124
Lead-212		0.32	pCi/g	0.02	0.038	RL-7124
Lead-214		0.67	pCi/g	0.044	0.043	RL-7124
Manganese-54	U	0.0042	pCi/g	0.0084	0.022	RL-7124
Mercury-203	U	0.02	pCi/g	0.041	0.024	RL-7124
Neptunium-237	U	0.0068	pCi/g	0.013	0.043	RL-7124
Neptunium-237		0.024	pCi/g	0.019	0.011	RL-7620
Neptunium-239	U	0.057	pCi/g	0.11	0.2	RL-7124
Niobium-94	U	-0.0053	pCi/g	0.01	0.019	RL-7124
Plutonium-238	U	-0.0769	pCi/g	0.0227	0.292	RL-7120
Plutonium-239/240	U	-0.0053	pCi/g	0.0103	0.0552	RL-7120
Potassium-40		6.7	pCi/g	0.47	0.17	RL-7124
Promethium-144	U	-0.0026	pCi/g	0.0053	0.018	RL-7124
Promethium-146	U	-0.0013	pCi/g	0.0026	0.028	RL-7124
Protactinium-231		0.32	pCi/g	0.1	0.2	RL-7124
Protactinium-233	U	0.009	pCi/g	0.018	0.047	RL-7124
Radium-223	U	0.12	pCi/g	0.25	0.14	RL-7124
Radon-219	U	0.16	pCi/g	0.33	0.18	RL-7124
Ruthenium-106	U	0.13	pCi/g	0.27	0.2	RL-7124
Silver-110m	U	-0.0054	pCi/g	0.011	0.02	RL-7124
Sodium-22	U	-0.0011	pCi/g	0.0022	0.02	RL-7124
Strontium-90	U	0.2	pCi/g	1.1	1.6	OA710333003
Technetium-99	U	0.445	pCi/g	2.98	4.55	RL-7116
Thallium-208		0.1	pCi/g	0.012	0.023	RL-7124
Thorium-227	U	0.021	pCi/g	0.042	0.15	RL-7124
Thorium-228		0.461	pCi/g	0.0587	0.133	RL-7120
Thorium-228		0.27	pCi/g	0.17	0.038	RL-7124
Thorium-229	U	-0.0098	pCi/g	0.019	0.088	RL-7124
Thorium-230		0.46	pCi/g	0.0591	0.125	RL-7120
Thorium-232		0.46	pCi/g	0.0572	0.048	RL-7120
Tin-113	U	-0.0065	pCi/g	0.013	0.026	RL-7124
Uranium-233/234		0.66	pCi/g	0.1	0.065	RL-7620
Uranium-234	U	0.61	pCi/g	1.07	0.128	RL-7124
Uranium-235		0.041	pCi/g	0.026	0.011	RL-7620
Uranium-235		0.45	wt %	0.38		RL-7124
Uranium-236	U	0	pCi/g	0.01	0.027	RL-7620
Uranium-238	U	1.24	pCi/g	0.441	0.256	RL-7124
Uranium-238		0.63	pCi/g	0.093	0.031	RL-7620
Yttrium-88	U	0.0014	pCi/g	0.0029	0.017	RL-7124
Zinc-65	U	-0.0084	pCi/g	0.016	0.043	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0	0.01	SW846-8260
Acetone	J	0.02	mg/kg	0	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0	0.01	SW846-8260

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False Claims Investigation (Phase II) - North/South Diversion Ditch

Bromoform	U	0.01	mg/kg	0	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0	0.01	SW846-8260

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PLDJNS00-07

False Claims Investigation (Phase II) - North/South Diversion Ditch

PLDJNSA2-02SO

Collected: 8/23/2000

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Arsenic		21.9	mg/kg		5	SW846-7060
Barium	*N	72.4	mg/kg		5	SW846-6010A
Beryllium		2.08	mg/kg		0.5	SW846-6010A
Cadmium		2.36	mg/kg		2	SW846-6010A
Chromium		19.9	mg/kg		2.5	SW846-6010A
Lead	*NU	20	mg/kg		20	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		3	mg/kg		0.08	RL-7620
Zinc	*N	261	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.59	pCi/g	0.051	0.08	RL-7124
Alpha activity		5.82	pCi/g	4.4	2.55	RL-7119
Americium-241	U	0.1	pCi/g	0.2	0.12	RL-7124
Antimony-124	U	-0.011	pCi/g	0.022	0.02	RL-7124
Antimony-125	U	-0.0019	pCi/g	0.0039	0.059	RL-7124
Barium-133	U	0.0062	pCi/g	0.012	0.029	RL-7124
Barium-140	U	-0.03	pCi/g	0.061	0.087	RL-7124
Beryllium-7	U	-0.19	pCi/g	0.38	0.17	RL-7124
Beta activity		5.18	pCi/g	1.55	2.61	RL-7119
Bismuth-212		0.3	pCi/g	0.12	0.16	RL-7124
Bismuth-214		1.1	pCi/g	0.062	0.041	RL-7124
Cerium-139	U	0.0018	pCi/g	0.0036	0.023	RL-7124
Cerium-141	U	-0.0052	pCi/g	0.01	0.043	RL-7124
Cerium-144	U	-0.032	pCi/g	0.065	0.17	RL-7124
Cesium-134	U	-0.0099	pCi/g	0.019	0.019	RL-7124
Cesium-136	U	-0.017	pCi/g	0.035	0.03	RL-7124
Cesium-137	U	0.012	pCi/g	0.024	0.023	RL-7124
Chromium-51	U	-0.011	pCi/g	0.022	0.19	RL-7124
Cobalt-56	U	-0.008	pCi/g	0.016	0.022	RL-7124
Cobalt-57	U	0.0017	pCi/g	0.0035	0.022	RL-7124
Cobalt-58	U	-0.019	pCi/g	0.038	0.019	RL-7124
Cobalt-60	U	0.0071	pCi/g	0.014	0.022	RL-7124
Europium-152	U	0.011	pCi/g	0.023	0.074	RL-7124
Europium-154	U	0.0071	pCi/g	0.014	0.047	RL-7124
Europium-155	U	0.027	pCi/g	0.055	0.097	RL-7124
Iridium-192	U	-0.0068	pCi/g	0.013	0.021	RL-7124
Iron-59	U	-0.0067	pCi/g	0.013	0.041	RL-7124

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False Claims Investigation (Phase II) - North/South Diversion Ditch

Lead-210	U	1.6	pCi/g	3.3	6.6	RL-7124
Lead-212		0.29	pCi/g	0.017	0.041	RL-7124
Lead-214		1.1	pCi/g	0.053	0.048	RL-7124
Manganese-54	U	-0.0063	pCi/g	0.012	0.022	RL-7124
Mercury-203	U	0.012	pCi/g	0.024	0.026	RL-7124
Neptunium-237	U	0.0035	pCi/g	0.012	0.026	RL-7620
Neptunium-237	U	-0.0065	pCi/g	0.013	0.044	RL-7124
Neptunium-239	U	-0.031	pCi/g	0.062	0.23	RL-7124
Niobium-94	U	-0.0027	pCi/g	0.0055	0.02	RL-7124
Niobium-95	U	0.022	pCi/g	0.044	0.026	RL-7124
Plutonium-238	U	-0.0505	pCi/g	0.0267	0.293	RL-7120
Plutonium-239/240	U	-0.0208	pCi/g	0.0089	0.0553	RL-7120
Potassium-40		6	pCi/g	0.43	0.18	RL-7124
Promethium-144	U	0.00013	pCi/g	0.0003	0.019	RL-7124
Promethium-146	U	0.02	pCi/g	0.041	0.03	RL-7124
Protactinium-231	U	0.18	pCi/g	0.069	0.21	RL-7124
Protactinium-233	U	-0.0093	pCi/g	0.018	0.048	RL-7124
Protactinium-234m		1.1	pCi/g	0.27	0.4	RL-7124
Ruthenium-106	U	-0.06	pCi/g	0.12	0.18	RL-7124
Silver-110m	U	-0.017	pCi/g	0.035	0.017	RL-7124
Sodium-22	U	-0.0044	pCi/g	0.0089	0.022	RL-7124
Strontium-90	U	0.6	pCi/g	1.2	1.7	OA710333003
Technetium-99	U	0	pCi/g	0	4.55	RL-7116
Thallium-208		0.099	pCi/g	0.011	0.027	RL-7124
Thorium-227	U	0.075	pCi/g	0.15	0.17	RL-7124
Thorium-228		0.412	pCi/g	0.058	0.132	RL-7120
Thorium-228		0.25	pCi/g	0.017	0.041	RL-7124
Thorium-229	U	0.045	pCi/g	0.09	0.097	RL-7124
Thorium-230		0.941	pCi/g	0.0866	0.125	RL-7120
Thorium-232		0.309	pCi/g	0.0494	0.0478	RL-7120
Thorium-234		1.1	pCi/g	0.27	0.4	RL-7124
Tin-113	U	-0.0086	pCi/g	0.017	0.028	RL-7124
Uranium-233/234		1.1	pCi/g	0.13	0.055	RL-7620
Uranium-234	U	2.28	pCi/g	4.1	1.15	RL-7124
Uranium-235		0.081	pCi/g	0.04	0.033	RL-7620
Uranium-235		0.96	wt %	0.81		RL-7124
Uranium-236	U	0.0041	pCi/g	0.014	0.03	RL-7620
Uranium-238		1	pCi/g	0.12	0.027	RL-7620
Uranium-238	U	1.69	pCi/g	1.03	0.855	RL-7124
Yttrium-88	U	0.0053	pCi/g	0.01	0.018	RL-7124
Zinc-65	U	-9E-05	pCi/g	0.0018	0.046	RL-7124
Zirconium-95	U	0.021	pCi/g	0.042	0.025	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0	0.01	SW846-8260
Acetone	J	0.02	mg/kg	0	0.01	SW846-8260

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False Claims Investigation (Phase II) - North/South Diversion Ditch

Benzene	U	0.01	mg/kg	0	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0	0.01	SW846-8260

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PLDJNS00-07

False Claims Investigation (Phase II) - North/South Diversion Ditch

PLDJNSA2D-01SO

Collected: 8/23/2000

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	97.2	mg/kg		5	SW846-6010A
Beryllium		0.77	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Chromium		17.9	mg/kg		2.5	SW846-6010A
Lead	*NU	20	mg/kg		20	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Uranium		1.9	mg/kg		0.072	RL-7620
Zinc	*N	59	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.5	pCi/g	0.045	0.076	RL-7124
Alpha activity		9.51	pCi/g	5.74	2.55	RL-7119
Americium-241	U	-0.039	pCi/g	0.079	0.01	RL-7124
Antimony-124	U	0.0031	pCi/g	0.0063	0.019	RL-7124
Antimony-125	U	0.018	pCi/g	0.036	0.058	RL-7124
Barium-133	U	0.0025	pCi/g	0.0051	0.026	RL-7124
Barium-140	U	-0.0041	pCi/g	0.0083	0.079	RL-7124
Beryllium-7	U	-0.064	pCi/g	0.12	0.16	RL-7124
Beta activity		5.63	pCi/g	1.62	2.61	RL-7119
Bismuth-212		0.62	pCi/g	0.16	0.15	RL-7124
Bismuth-214		0.67	pCi/g	0.05	0.042	RL-7124
Cerium-139	U	0.0092	pCi/g	0.018	0.021	RL-7124
Cerium-141	U	0.018	pCi/g	0.036	0.039	RL-7124
Cerium-144	U	0.0042	pCi/g	0.0085	0.16	RL-7124
Cesium-134	U	0.0071	pCi/g	0.014	0.019	RL-7124
Cesium-136	U	-0.015	pCi/g	0.03	0.031	RL-7124
Cesium-137	U	-0.0007	pCi/g	0.0014	0.021	RL-7124
Chromium-51	U	0.015	pCi/g	0.031	0.18	RL-7124
Cobalt-56	U	0.01	pCi/g	0.021	0.022	RL-7124
Cobalt-57	U	0.0023	pCi/g	0.0046	0.02	RL-7124
Cobalt-58	U	-0.021	pCi/g	0.041	0.019	RL-7124
Cobalt-60	U	0.008	pCi/g	0.016	0.021	RL-7124
Europium-152	U	0.023	pCi/g	0.045	0.064	RL-7124
Europium-154	U	0.0007	pCi/g	0.0014	0.042	RL-7124
Europium-155	U	-0.0094	pCi/g	0.018	0.085	RL-7124
Iridium-192	U	0.0031	pCi/g	0.0062	0.021	RL-7124
Iron-59	U	0.008	pCi/g	0.016	0.041	RL-7124

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False Claims Investigation (Phase II) - North/South Diversion Ditch

Lead-210	U	2	pCi/g	4.1	6	RL-7124
Lead-212		0.45	pCi/g	0.025	0.037	RL-7124
Lead-214		0.62	pCi/g	0.037	0.042	RL-7124
Manganese-54	U	0.0011	pCi/g	0.0023	0.021	RL-7124
Mercury-203	U	0.0064	pCi/g	0.012	0.022	RL-7124
Neptunium-237	U	0.017	pCi/g	0.034	0.043	RL-7124
Neptunium-237	U	0.0032	pCi/g	0.0064	0.0087	RL-7620
Neptunium-239	U	-0.026	pCi/g	0.053	0.19	RL-7124
Niobium-94	U	-0.0026	pCi/g	0.0053	0.019	RL-7124
Niobium-95	U	0.016	pCi/g	0.032	0.023	RL-7124
Plutonium-238	U	-0.0794	pCi/g	0.0224	0.292	RL-7120
Plutonium-239/240	U	-0.0048	pCi/g	0.0106	0.0549	RL-7120
Potassium-40		6.4	pCi/g	0.43	0.18	RL-7124
Promethium-144	U	1.8E-05	pCi/g	4E-05	0.018	RL-7124
Promethium-146	U	0.0081	pCi/g	0.016	0.028	RL-7124
Protactinium-231	U	0.13	pCi/g	0.05	0.18	RL-7124
Protactinium-233	U	0.018	pCi/g	0.037	0.047	RL-7124
Ruthenium-106	U	0.047	pCi/g	0.095	0.18	RL-7124
Silver-110m	U	-0.01	pCi/g	0.021	0.018	RL-7124
Sodium-22	U	0.003	pCi/g	0.006	0.022	RL-7124
Strontium-90	U	0.2	pCi/g	1.1	1.6	OA710333003
Technetium-99	U	0	pCi/g	0	4.55	RL-7116
Thallium-208		0.1	pCi/g	0.01	0.021	RL-7124
Thorium-227	U	-0.019	pCi/g	0.039	0.15	RL-7124
Thorium-228		0.395	pCi/g	0.0547	0.132	RL-7120
Thorium-229	U	0.045	pCi/g	0.089	0.085	RL-7124
Thorium-230		0.508	pCi/g	0.0626	0.125	RL-7120
Thorium-232		0.12	pCi/g	0.0062	0.021	RL-7124
Thorium-232		0.404	pCi/g	0.0542	0.0483	RL-7120
Tin-113	U	0.0024	pCi/g	0.0048	0.026	RL-7124
Uranium-233/234		0.6	pCi/g	0.09	0.024	RL-7620
Uranium-234	U	0.985	pCi/g	1.77	0.314	RL-7124
Uranium-235		0.049	pCi/g	0.031	0.03	RL-7620
Uranium-235		0.92	wt %	0.77		RL-7124
Uranium-236	U	0.022	pCi/g	0.021	0.027	RL-7620
Uranium-238	U	0.774	pCi/g	0.387	0.243	RL-7124
Uranium-238		0.63	pCi/g	0.092	0.024	RL-7620
Yttrium-88	U	0.0057	pCi/g	0.011	0.019	RL-7124
Zinc-65	U	-0.011	pCi/g	0.022	0.044	RL-7124
Zirconium-95	U	0.015	pCi/g	0.031	0.022	RL-7124

VOA

1,1,1-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
2-Butanone	U	0.01	mg/kg	0	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0	0.01	SW846-8260

A2

PLDJNS00-07

False Claims Investigation (Phase II) - North/South Diversion Ditch

Bromoform	U	0.01	mg/kg	0	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0	0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg	0	0.01	SW846-8260
Chlorobenzene	UY	0.01	mg/kg	0	0.01	SW846-8260
Chloroethane	U	0.01	mg/kg	0	0.01	SW846-8260
Chloroform	U	0.01	mg/kg	0	0.01	SW846-8260
Chloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
cis-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
cis-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Dibromochloromethane	U	0.01	mg/kg	0	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0	0.01	SW846-8260
Vinyl chloride	U	0.01	mg/kg	0	0.01	SW846-8260

JP-0013

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

DOJ1-99-0011

Collected: 10/1/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Beryllium		0.68	mg/kg		0.5	SW846-6010A
Chromium		42.2	mg/kg		2	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Uranium		50	mg/kg		0.11	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.8188	pCi/g	0.0389	0.1323	RL-7124
Alpha activity		46.02	pCi/g	12.41	2.48	RL-7119
Americium-241	A	0.0392	pCi/g	0.0784	0.153	RL-7124
Antimony-124	U	0.01448	pCi/g	0.029	0.0364	RL-7124
Antimony-125	U	0.04281	pCi/g	0.0856	0.0967	RL-7124
Barium-133	U	0.00575	pCi/g	0.0115	0.0376	RL-7124
Barium-140	U	0.00114	pCi/g	0.0023	0.1468	RL-7124
Beta activity		65.85	pCi/g	8.82	5.18	RL-7119
Bismuth-211		2.38	pCi/g	4.761	0.4338	RL-7124
Bismuth-212		0.7243	pCi/g	0.5177	0.3006	RL-7124
Bismuth-214		0.8725	pCi/g	0.1115	0.066	RL-7124
Cerium-139	U	0.00399	pCi/g	0.008	0.0261	RL-7124
Cerium-141	U	0.03345	pCi/g	0.0669	0.0493	RL-7124
Cerium-144	U	0.00029	pCi/g	0.0006	0.1987	RL-7124
Cesium-134	A	-0.0011	pCi/g	0.0022	0.0345	RL-7124
Cesium-136	U	-0.0237	pCi/g	0.0474	0.0563	RL-7124
Cesium-137		0.183	pCi/g	0.0461	0.0423	RL-7124
Chromium-51	U	-0.0198	pCi/g	0.0396	0.27	RL-7124
Cobalt-56	U	0.01041	pCi/g	0.0208	0.0361	RL-7124
Cobalt-57	U	0.00196	pCi/g	0.0039	0.0248	RL-7124
Cobalt-58	U	-0.0045	pCi/g	0.0091	0.0372	RL-7124
Cobalt-60	A	0.00329	pCi/g	0.0066	0.0367	RL-7124
Europium-152	U	0.02569	pCi/g	0.0514	0.0912	RL-7124
Europium-154	U	0.00309	pCi/g	0.0062	0.0525	RL-7124
Europium-155	U	0.03243	pCi/g	0.0649	0.1124	RL-7124
Iridium-192	U	0.00203	pCi/g	0.0041	0.03	RL-7124
Iron-59	U	0.00949	pCi/g	0.019	0.0840	RL-7124
Lead-210	U	0.5533	pCi/g	1.107	2.259	RL-7124
Lead-211		2.38	pCi/g	4.761	0.4338	RL-7124
Lead-212		0.774	pCi/g	0.049	0.0499	RL-7124
Lead-214		0.8365	pCi/g	0.0695	0.0662	RL-7124
Manganese-54	U	0.00791	pCi/g	0.0158	0.0395	RL-7124
Mercury-203	U	0.0017	pCi/g	0.0034	0.0316	RL-7124
Neodymium-147	U	1.058	pCi/g	2.116	0.1968	RL-7124

JP-0013

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

Neptunium-237		0.13	pCi/g	0.037	0.032	RL-7620
Neptunium-237		0.126	pCi/g	0.0047	0.0599	RL-7124
Neptunium-239	U	-0.1427	pCi/g	0.2854	0.3193	RL-7124
Niobium-94	U	0.01532	pCi/g	0.0306	0.0388	RL-7124
Niobium-95	U	0.07756	pCi/g	0.1551	0.0537	RL-7124
Plutonium-238	A	-0.0355	pCi/g	0.0266	0.212	RL-7120
Plutonium-238	U	0.002	pCi/g	0.004	0.006	RL-7620
Plutonium-239/240		0.06	pCi/g	0.023	0.006	RL-7620
Plutonium-239/240		0.115	pCi/g	0.0273	0.0535	RL-7120
Potassium-40		10.6	pCi/g	0.818	0.357	RL-7124
Promethium-146	U	-0.0031	pCi/g	0.0061	0.0418	RL-7124
Protactinium-231		0.6862	pCi/g	0.0031	0.2741	RL-7124
Protactinium-233		0.1315	pCi/g	0.2631	0.0833	RL-7124
Protactinium-234m		15.4	pCi/g	0.789	0.512	RL-7124
Radium-223		0.1903	pCi/g	0.0040	0.1708	RL-7124
Radium-226		0.83	pCi/g	1.66	0.151	RL-7124
Radium-228		0.8587	pCi/g	1.717	0.3037	RL-7124
Radon-219		0.26	pCi/g	0.52	0.2558	RL-7124
Ruthenium-106	U	-0.0853	pCi/g	0.1705	0.2996	RL-7124
Silver-110m	U	0.00099	pCi/g	0.002	0.0352	RL-7124
Sodium-22	U	0.01975	pCi/g	0.0395	0.0478	RL-7124
Strontium-90	U	0.038	pCi/g	0.077	1	OA710333003
Technetium-99		42.7	pCi/g	5.01	4.25	RL-7116
Thallium-208		0.19	pCi/g	0.0111	0.0371	RL-7124
Thorium-227	U	0.1162	pCi/g	0.2324	0.2077	RL-7124
Thorium-228		0.99	pCi/g	1.98	0.1244	RL-7124
Thorium-228		0.491	pCi/g	0.0605	0.0484	RL-7120
Thorium-229	U	0.06906	pCi/g	0.1381	0.1117	RL-7124
Thorium-230		1.25	pCi/g	0.0967	0.126	RL-7120
Thorium-232		0.533	pCi/g	0.0625	0.0982	RL-7120
Thorium-232		0.203	pCi/g	0.0121	0.0371	RL-7124
Thorium-234		16	pCi/g	32	1.28	RL-7124
Tin-113	U	-0.0173	pCi/g	0.0346	0.0382	RL-7124
Uranium		29.2	pCi/g	5.84	1.65	RL-7124
Uranium-234		11.3	pCi/g	2.25	0.63	RL-7124
Uranium-234		10	pCi/g	0.41	0.053	RL-7620
Uranium-235		0.62	pCi/g	0.11	0.037	RL-7620
Uranium-235		0.55	wt %	0.05		RL-7124
Uranium-238		17	pCi/g	0.52	0.038	RL-7620
Uranium-238		17.3	pCi/g	1.38	0.966	RL-7124
Yttrium-88	U	-0.0096	pCi/g	0.0192	0.0348	RL-7124
Zinc-65	U	-0.032	pCi/g	0.064	0.0865	RL-7124
Zirconium-95	U	0.07472	pCi/g	0.1494	0.0517	RL-7124

JP-0100

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

DOJ1-99-0100

Collected: 10/2/1999

Media Type: SE

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Chromium		17.6	mg/kg		2	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Uranium		2.6	mg/kg		0.061	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.5961	pCi/g	0.0323	0.1033	RL-7124
Alpha activity		13.59	pCi/g	7.27	7.91	RL-7119
Americium-241	U	0.00661	pCi/g	0.0132	0.0917	RL-7124
Antimony-124	U	-0.0043	pCi/g	0.0086	0.0259	RL-7124
Antimony-125	U	-0.0047	pCi/g	0.0094	0.0684	RL-7124
Barium-133	U	0.01844	pCi/g	0.0369	0.0319	RL-7124
Barium-140	U	-0.0539	pCi/g	0.1079	0.1355	RL-7124
Beta activity	A	5.88	pCi/g	2.05	6.3	RL-7119
Bismuth-211		2.068	pCi/g	4.136	0.3397	RL-7124
Bismuth-212		0.5843	pCi/g	0.0499	0.2262	RL-7124
Bismuth-214		0.7382	pCi/g	0.1574	0.0492	RL-7124
Cerium-139	U	-0.0036	pCi/g	0.0072	0.0205	RL-7124
Cerium-141	U	0.00652	pCi/g	0.0130	0.0387	RL-7124
Cerium-144	U	0.01652	pCi/g	0.0330	0.1486	RL-7124
Cesium-134	U	-0.0044	pCi/g	0.0089	0.0233	RL-7124
Cesium-136	U	0.01201	pCi/g	0.0240	0.0606	RL-7124
Cesium-137		0.07769	pCi/g	0.0245	0.0329	RL-7124
Chromium-51	U	-0.0024	pCi/g	0.0049	0.216	RL-7124
Cobalt-56	U	0.00273	pCi/g	0.0054	0.0298	RL-7124
Cobalt-57	U	0.0025	pCi/g	0.005	0.0186	RL-7124
Cobalt-58	U	0.00579	pCi/g	0.0116	0.0281	RL-7124
Cobalt-60	U	-0.0023	pCi/g	0.0047	0.0276	RL-7124
Europium-152	U	-0.0315	pCi/g	0.0630	0.0642	RL-7124
Europium-154	U	0.01119	pCi/g	0.0224	0.0387	RL-7124
Europium-155	U	0.06563	pCi/g	0.1313	0.0810	RL-7124
Iridium-192	U	0.00156	pCi/g	0.0031	0.0225	RL-7124
Iron-59	U	-0.0065	pCi/g	0.0130	0.0626	RL-7124
Lead-210	U	0.08869	pCi/g	0.1774	1.44	RL-7124
Lead-211		2.068	pCi/g	4.136	0.3397	RL-7124
Lead-212		0.5678	pCi/g	0.0385	0.0394	RL-7124
Lead-214		0.7896	pCi/g	0.1371	0.0519	RL-7124
Manganese-54	U	0.01606	pCi/g	0.0321	0.0294	RL-7124
Mercury-203	U	-0.0114	pCi/g	0.0228	0.0258	RL-7124
Neodymium-147	U	0.2034	pCi/g	0.4069	0.1274	RL-7124

JP-0100

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

Neptunium-237	U	0.01412	pCi/g	0.0282	0.0475	RL-7124
Neptunium-237	U	1E-06	pCi/g	0.018	0.037	RL-7620
Neptunium-239	U	0.02801	pCi/g	0.0560	0.7242	RL-7124
Niobium-94	U	0.00606	pCi/g	0.0121	0.0289	RL-7124
Niobium-95	U	-0.0157	pCi/g	0.0315	0.0341	RL-7124
Plutonium-238	A	0.0692	pCi/g	0.0355	0.212	RL-7120
Plutonium-238	U	0.006	pCi/g	0.011	0.021	RL-7620
Plutonium-239/240	A	0.00517	pCi/g	0.0131	0.055	RL-7120
Plutonium-239/240	U	0.011	pCi/g	0.011	0.008	RL-7620
Potassium-40		10.92	pCi/g	0.7005	0.2233	RL-7124
Promethium-146	U	-0.0006	pCi/g	0.0013	0.0335	RL-7124
Protactinium-231		0.4058	pCi/g	0.0732	0.1848	RL-7124
Protactinium-233	U	0.01175	pCi/g	0.0235	0.0586	RL-7124
Protactinium-234m		1.326	pCi/g	2.652	0.463	RL-7124
Radium-223		0.3201	pCi/g	0.6402	0.1563	RL-7124
Radium-226		0.7206	pCi/g	1.441	0.1183	RL-7124
Radium-228		0.9391	pCi/g	1.878	0.244	RL-7124
Radon-219		0.2076	pCi/g	0.4151	0.1927	RL-7124
Ruthenium-106	U	0.09043	pCi/g	0.1809	0.2547	RL-7124
Silver-110m	U	-0.0030	pCi/g	0.0061	0.0271	RL-7124
Sodium-22	U	-0.0079	pCi/g	0.0158	0.0349	RL-7124
Strontium-90	U	-0.46	pCi/g	0.95	1.6	OA710333003
Technetium-99	A	1.48	pCi/g	6.37	5.05	RL-7116
Thallium-208		0.3422	pCi/g	0.6844	0.0698	RL-7124
Thorium-227	U	-0.005	pCi/g	0.0099	0.164	RL-7124
Thorium-228		0.638	pCi/g	0.0693	0.0483	RL-7120
Thorium-228		0.9158	pCi/g	1.832	0.1001	RL-7124
Thorium-229		0.09315	pCi/g	0.1863	0.0852	RL-7124
Thorium-230		0.775	pCi/g	0.0786	0.126	RL-7120
Thorium-232		0.619	pCi/g	0.0677	0.0981	RL-7120
Thorium-232		0.3538	pCi/g	0.0131	0.0277	RL-7124
Thorium-234		1.326	pCi/g	2.652	0.463	RL-7124
Tin-113	U	0.00262	pCi/g	0.0052	0.0326	RL-7124
Uranium	X	2.86	pCi/g	4.03	1.3	RL-7124
Uranium-234		0.68	pCi/g	0.087	0.008	RL-7620
Uranium-234		1.31	pCi/g	1.85	0.592	RL-7124
Uranium-235		0.69	wt %	0.47		RL-7124
Uranium-235		0.034	pCi/g	0.022	0.009	RL-7620
Uranium-238		0.86	pCi/g	0.098	0.02	RL-7620
Uranium-238		1.48	pCi/g	0.391	0.667	RL-7124
Yttrium-88	U	0.00971	pCi/g	0.0194	0.027	RL-7124
Zinc-65	U	-0.0041	pCi/g	0.0082	0.0683	RL-7124
Zirconium-95	U	-0.0146	pCi/g	0.0293	0.0317	RL-7124

JP-0150

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

DOJ1-99-0150

Collected: 9/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Beryllium		0.59	mg/kg		0.5	SW846-6010A
Chromium	*	55.8	mg/kg		2	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Uranium		1170	mg/kg		3.3	RL-7620
PPCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	U	0.1	mg/kg		0.1	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	JU	0.1	mg/kg		0.1	SW846-8082
RADS						
Actinium-228		0.9663	pCi/g	0.0066	0.1596	RL-7124
Alpha activity		632.07	pCi/g	60.11	14.5	RL-7119
Americium-241		2	pCi/g	4	0.821	RL-7124
Antimony-124	U	0.00934	pCi/g	0.0187	0.0567	RL-7124
Antimony-125	U	0.08223	pCi/g	0.1645	0.1753	RL-7124
Barium-133	U	0.02418	pCi/g	0.0484	0.0778	RL-7124
Barium-140	U	0.03928	pCi/g	0.0786	0.248	RL-7124
Beta activity		936.59	pCi/g	50.2	10.83	RL-7119
Bismuth-211		1.886	pCi/g	3.771	0.5006	RL-7124
Bismuth-212		0.8214	pCi/g	0.0895	0.5012	RL-7124
Bismuth-214		0.6941	pCi/g	0.059	0.1184	RL-7124
Cerium-139	U	0.06083	pCi/g	0.1217	0.0804	RL-7124
Cerium-141	U	1.642	pCi/g	3.284	0.1863	RL-7124
Cerium-144	U	0.467	pCi/g	0.9339	0.6453	RL-7124
Cesium-134	A	0.0154	pCi/g	0.0309	0.0565	RL-7124
Cesium-136	U	-0.0116	pCi/g	0.0232	0.0548	RL-7124
Cesium-137		0.0906	pCi/g	0.0556	0.067	RL-7124
Chromium-51	U	0.05218	pCi/g	0.1044	0.514	RL-7124
Cobalt-56	U	0.03123	pCi/g	0.0625	0.0558	RL-7124
Cobalt-57	U	0.0676	pCi/g	0.1352	0.0862	RL-7124
Cobalt-58	U	-0.0225	pCi/g	0.0449	0.0552	RL-7124
Cobalt-60	A	0.0071	pCi/g	0.0142	0.0367	RL-7124
Europium-152	U	-0.1269	pCi/g	0.2537	0.1758	RL-7124
Europium-154	U	0.04461	pCi/g	0.0892	0.1781	RL-7124
Europium-155	U	0.345	pCi/g	0.69	0.4161	RL-7124
Iridium-192	U	0.01196	pCi/g	0.0239	0.0594	RL-7124
Iron-59	U	0.00599	pCi/g	0.012	0.0721	RL-7124
Lead-210	U	-10.07	pCi/g	20.14	12.75	RL-7124
Lead-211		1.886	pCi/g	3.771	0.5006	RL-7124
Lead-212		0.6114	pCi/g	0.2381	0.1221	RL-7124
Lead-214		0.791	pCi/g	2.987	0.1275	RL-7124
Manganese-54	U	-0.0495	pCi/g	0.099	0.0558	RL-7124
Mercury-203	U	0.01102	pCi/g	0.0221	0.0667	RL-7124
Neodymium-147	U	57.59	pCi/g	115.2	1.223	RL-7124

JP-0150

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

Neptunium-237		0.338	pCi/g	0.0010	0.125	RL-7124
Neptunium-237	U	0.044	pCi/g	0.046	0.068	RL-7620
Neptunium-239	U	0.5492	pCi/g	1.098	0.5986	RL-7124
Niobium-94	U	-0.0323	pCi/g	0.0646	0.0488	RL-7124
Niobium-95	U	2.143	pCi/g	4.286	0.1852	RL-7124
Plutonium-238	A	0.136	pCi/g	0.0588	0.15	RL-7120
Plutonium-238	U	0.007	pCi/g	0.015	0.02	RL-7620
Plutonium-239/240		0.044	pCi/g	0.036	0.02	RL-7620
Plutonium-239/240	A	0.0368	pCi/g	0.0259	0.051	RL-7120
Potassium-40		10.6	pCi/g	0.776	0.352	RL-7124
Promethium-146	U	-0.0162	pCi/g	0.0325	0.0826	RL-7124
Protactinium-231		94.16	pCi/g	188.3	2.617	RL-7124
Protactinium-233		0.1606	pCi/g	0.3213	0.1348	RL-7124
Protactinium-234m		596	pCi/g	5.24	2.69	RL-7124
Radium-223	U	0.3615	pCi/g	0.723	0.3857	RL-7124
Radium-226		0.789	pCi/g	1.58	0.177	RL-7124
Radium-228		0.8739	pCi/g	1.748	0.2772	RL-7124
Radon-219		0.5225	pCi/g	1.045	0.5009	RL-7124
Ruthenium-106	U	0.1413	pCi/g	0.2827	0.5764	RL-7124
Silver-110m	U	-0.0412	pCi/g	0.0824	0.059	RL-7124
Sodium-22	U	0.01399	pCi/g	0.028	0.0417	RL-7124
Strontium-90	U	-0.24	pCi/g	0.25	1.2	OA710333003
Technetium-99		13.8	pCi/g	3.75	4.07	RL-7116
Thallium-208		0.2787	pCi/g	0.4958	0.0641	RL-7124
Thorium-227	U	0.03398	pCi/g	0.068	0.4643	RL-7124
Thorium-228		0.6087	pCi/g	1.217	0.1569	RL-7124
Thorium-228		0.452	pCi/g	0.0851	0.0543	RL-7120
Thorium-229		0.3592	pCi/g	0.7184	0.3252	RL-7124
Thorium-230		0.716	pCi/g	0.108	0.133	RL-7120
Thorium-232		0.2652	pCi/g	0.5304	0.0911	RL-7124
Thorium-232		0.271	pCi/g	0.0681	0.0975	RL-7120
Thorium-234		518	pCi/g	1040	7.24	RL-7124
Tin-113	U	-0.0209	pCi/g	0.0417	0.0739	RL-7124
Uranium		721	pCi/g	231	5.93	RL-7124
Uranium-234		112	pCi/g	35.9	0.913	RL-7124
Uranium-234		86	pCi/g	5.9	1.1	RL-7620
Uranium-235		4.8	pCi/g	1.6	0.93	RL-7620
Uranium-235		0.26	wt %	0.04		RL-7124
Uranium-238		393	pCi/g	13	1.1	RL-7620
Uranium-238		599	pCi/g	8.14	4.88	RL-7124
Yttrium-88	U	0.01105	pCi/g	0.0221	0.0302	RL-7124
Zinc-65	U	0.01447	pCi/g	0.0289	0.0826	RL-7124
Zirconium-95	U	2.111	pCi/g	4.222	0.1824	RL-7124

JP-0151

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

DOJ1-99-0151

Collected: 9/30/1999

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Beryllium		0.56	mg/kg		0.5	SW846-6010A
Chromium	*	15.5	mg/kg		2	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Uranium		943	mg/kg		2.3	RL-7620
PCCB						
PCB-1016	U	0.1	mg/kg		0.1	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.1	mg/kg		0.1	SW846-8082
PCB-1242	U	0.1	mg/kg		0.1	SW846-8082
PCB-1248	U	0.1	mg/kg		0.1	SW846-8082
PCB-1254	J	1.1	mg/kg		0.3	SW846-8082
PCB-1260	U	0.1	mg/kg		0.1	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	J	1.1	mg/kg		0.3	SW846-8082
RADS						
Actinium-228		0.4963	pCi/g	0.0847	0.1127	RL-7124
Alpha activity		417.53	pCi/g	48.14	14.5	RL-7119
Americium-241		4.65	pCi/g	9.29	0.569	RL-7124
Antimony-124	U	-0.013	pCi/g	0.026	0.0433	RL-7124
Antimony-125	U	0.00242	pCi/g	0.0048	0.128	RL-7124
Barium-133	U	0.01087	pCi/g	0.0217	0.0601	RL-7124
Barium-140	U	0.01611	pCi/g	0.0322	0.178	RL-7124
Beta activity		866.99	pCi/g	48.29	10.83	RL-7119
Bismuth-211		1.542	pCi/g	3.084	0.379	RL-7124
Bismuth-212	U	0.3483	pCi/g	0.6965	0.3957	RL-7124
Bismuth-214		0.5999	pCi/g	0.067	0.0863	RL-7124
Cerium-139	U	0.04875	pCi/g	0.0975	0.0571	RL-7124
Cerium-141	U	0.6713	pCi/g	1.343	0.1215	RL-7124
Cerium-144	U	0.3684	pCi/g	0.7369	0.4651	RL-7124
Cesium-134	A	-0.0048	pCi/g	0.0952	0.042	RL-7124
Cesium-136	U	-0.0134	pCi/g	0.0268	0.0403	RL-7124
Cesium-137		0.393	pCi/g	0.0524	0.0496	RL-7124
Chromium-51	U	-0.0048	pCi/g	0.0095	0.3822	RL-7124
Cobalt-56	U	-0.0238	pCi/g	0.0476	0.0401	RL-7124
Cobalt-57	U	-0.0004	pCi/g	0.0009	0.0609	RL-7124
Cobalt-58	U	-0.0025	pCi/g	0.0051	0.0410	RL-7124
Cobalt-60	A	0.00412	pCi/g	0.0083	0.0287	RL-7124
Europium-152	U	-0.0497	pCi/g	0.0993	0.1311	RL-7124
Europium-154	U	-0.0153	pCi/g	0.0306	0.127	RL-7124
Europium-155	U	0.1216	pCi/g	0.2432	0.2931	RL-7124
Iridium-192	U	-0.0028	pCi/g	0.0055	0.0442	RL-7124
Iron-59	U	-0.0066	pCi/g	0.0131	0.0548	RL-7124
Lead-210	U	-4.784	pCi/g	9.568	8.888	RL-7124
Lead-211		1.542	pCi/g	3.084	0.379	RL-7124
Lead-212		0.3821	pCi/g	0.0415	0.0934	RL-7124
Lead-214		0.5734	pCi/g	2.112	0.0968	RL-7124
Manganese-54	U	0.01804	pCi/g	0.0361	0.0398	RL-7124
Mercury-203	U	0.01619	pCi/g	0.0324	0.0496	RL-7124
Neodymium-147	U	37.6	pCi/g	75.21	0.8788	RL-7124

JP-0151

PLDJSS99-01

False Claims Investigation - Dept. of Justice - Soils/Sediment

Neptunium-237	U	0.014	pCi/g	0.025	0.051	RL-7620
Neptunium-237	A	0.0498	pCi/g	0.0996	0.0983	RL-7124
Neptunium-239	U	0.3961	pCi/g	0.7921	0.4847	RL-7124
Niobium-94	U	0.01041	pCi/g	0.0208	0.0384	RL-7124
Niobium-95	U	1.424	pCi/g	2.847	0.1321	RL-7124
Plutonium-238	A	0.13	pCi/g	0.0619	0.151	RL-7120
Plutonium-238	U	-0.027	pCi/g	0.039	0.097	RL-7620
Plutonium-239/240	A	0.0504	pCi/g	0.0319	0.0563	RL-7120
Plutonium-239/240	U	-0.007	pCi/g	0.036	0.082	RL-7620
Potassium-40		6.56	pCi/g	5.61	0.278	RL-7124
Promethium-146	U	-0.0166	pCi/g	0.0333	0.0586	RL-7124
Protactinium-231		60.81	pCi/g	121.6	1.838	RL-7124
Protactinium-233	U	0.05808	pCi/g	0.1162	0.1043	RL-7124
Protactinium-234m		312	pCi/g	625	4.95	RL-7124
Radium-223	U	0.0764	pCi/g	0.1528	0.2863	RL-7124
Radium-226		0.537	pCi/g	1.07	0.133	RL-7124
Radium-228		0.4447	pCi/g	0.8894	0.1872	RL-7124
Radon-219	U	0.3143	pCi/g	0.6285	0.3718	RL-7124
Ruthenium-106	U	-0.0573	pCi/g	0.1147	0.3954	RL-7124
Silver-110m	U	-0.0136	pCi/g	0.0272	0.0428	RL-7124
Sodium-22	U	-0.0052	pCi/g	0.0104	0.0286	RL-7124
Strontium-90	U	-1.2	pCi/g	13	0.97	OA710333003
Technetium-99	A	3.78	pCi/g	3.72	4.07	RL-7116
Thallium-208		0.1811	pCi/g	0.2619	0.0480	RL-7124
Thorium-227	U	-0.1439	pCi/g	0.2878	0.3414	RL-7124
Thorium-228		0.257	pCi/g	0.0598	0.0529	RL-7120
Thorium-228		0.3848	pCi/g	0.7696	0.1109	RL-7124
Thorium-229	U	0.1915	pCi/g	0.383	0.2341	RL-7124
Thorium-230		0.385	pCi/g	0.076	0.131	RL-7120
Thorium-232		0.23	pCi/g	0.0569	0.0942	RL-7120
Thorium-232		0.1782	pCi/g	0.3564	0.0637	RL-7124
Thorium-234		312	pCi/g	625	4.95	RL-7124
Tin-113	U	0.01112	pCi/g	0.0223	0.0571	RL-7124
Uranium		388	pCi/g	125	3.52	RL-7124
Uranium-234		19.2	pCi/g	6.17	0.172	RL-7124
Uranium-234		27	pCi/g	3.1	0.91	RL-7620
Uranium-235		0.17	wt %	0.03		RL-7124
Uranium-235		3.1	pCi/g	1.1	0.28	RL-7620
Uranium-238		365	pCi/g	5.42	3.25	RL-7124
Uranium-238		317	pCi/g	10	0.78	RL-7620
Yttrium-88	U	0.01817	pCi/g	0.0363	0.0267	RL-7124
Zinc-65	U	-0.0143	pCi/g	0.0286	0.0533	RL-7124
Zirconium-95	U	1.396	pCi/g	2.792	0.1295	RL-7124

SYB012

SY01-BSN

Characterization of the Northwest Storm Water Collection Basin SY01-B

WC01-118

Collected: 9/6/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7840	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	N	70.4	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	3190	mg/kg		200	SW846-6010A
Chromium		9.72	mg/kg		2.5	SW846-6010A
Cobalt	N	3.37	mg/kg		2.5	SW846-6010A
Copper		9.32	mg/kg		2.5	SW846-6010A
Iron	*NW	10900	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium	NW	1060	mg/kg		15	SW846-6010A
Manganese	NW	327	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.62	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	*NU	100	mg/kg		100	SW846-6010A
Uranium	UWX	200	mg/kg		200	SW846-6010A
Vanadium		19.2	mg/kg		2.5	SW846-6010A
Zinc	N	26.6	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0299	pCi/g	0.0087	0.0268	RL-7124
Americium-241	U	0.0339	pCi/g	0.0678	0.0763	RL-7124
Cesium-134	U	-0.0139	pCi/g	0.0278	0.0191	RL-7124
Cesium-137		0.0479	pCi/g	0.0213	0.0246	RL-7124
Cobalt-60	U	0.0124	pCi/g	0.0247	0.0286	RL-7124
Neptunium-237	U	0.00879	pCi/g	0.0176	0.0406	RL-7124
Plutonium-238	U	-0.0614	pCi/g	0.0232	0.192	RL-7120
Plutonium-239/240	U	-0.0016	pCi/g	0.0099	0.0421	RL-7120
Technetium-99	U	0	pCi/g	0	3.62	RL-7116
Thorium-228		0.403	pCi/g	0.057	0.0345	RL-7120
Thorium-230		0.419	pCi/g	0.0579	0.139	RL-7120
Thorium-232		0.416	pCi/g	0.058	0.0419	RL-7120
Uranium	U	1.9	pCi/g	0.657	0.693	RL-7124
Uranium-234	U	0.399	pCi/g	0.514	0.143	RL-7124

SYB012

SY01-BSN

Characterization of the Northwest Storm Water Collection Basin SY01-B

Uranium-235	0.315	wt %	0.196		RL-7124
Uranium-238	1.47	pCi/g	0.279	0.524	RL-7124

SVOA

1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYB012

SY01-BSN

Characterization of the Northwest Storm Water Collection Basin SY01-B

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JUX	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	UX	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	UX	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	UX	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UXY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	UX	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	UX	0.01	mg/kg		0.01	SW846-8260
Acetone	UX	0.01	mg/kg		0.01	SW846-8260
Benzene	UX	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	UX	0.01	mg/kg		0.01	SW846-8260
Bromoform	UX	0.01	mg/kg		0.01	SW846-8260
Bromomethane	UX	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	UX	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	UX	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	UX	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	UX	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	UX	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	UX	0.01	mg/kg		0.01	SW846-8260
Styrene	UX	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	UX	0.01	mg/kg		0.01	SW846-8260
Toluene	UX	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	UX	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JUX	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	UX	0.01	mg/kg		0.01	SW846-8260

SYB017

SY01-BSN

Characterization of the Northwest Storm Water Collection Basin SY01-B

WC01-123

Collected: 9/6/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	9820	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	N	97.3	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1700	mg/kg		200	SW846-6010A
Chromium		14.5	mg/kg		2.5	SW846-6010A
Cobalt	N	3.52	mg/kg		2.5	SW846-6010A
Copper		9.54	mg/kg		2.5	SW846-6010A
Iron	*NW	15200	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium	NW	1090	mg/kg		15	SW846-6010A
Manganese	NW	216	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.9	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	*NU	100	mg/kg		100	SW846-6010A
Uranium	UWX	200	mg/kg		200	SW846-6010A
Vanadium		27.2	mg/kg		2.5	SW846-6010A
Zinc	N	32.2	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0435	pCi/g	0.0092	0.0235	RL-7124
Americium-241	U	0.0425	pCi/g	0.085	0.13	RL-7124
Cesium-134	U	0.00567	pCi/g	0.0113	0.0201	RL-7124
Cesium-137		0.0511	pCi/g	0.0205	0.0279	RL-7124
Cobalt-60	U	-0.0086	pCi/g	0.0172	0.0225	RL-7124
Neptunium-237	U	-0.0116	pCi/g	0.0232	0.0364	RL-7124
Plutonium-238	U	-0.0335	pCi/g	0.0293	0.192	RL-7120
Plutonium-239/240	U	-0.0065	pCi/g	0.0116	0.0437	RL-7120
Technetium-99	U	0	pCi/g	0	3.62	RL-7116
Thorium-228		0.419	pCi/g	0.0584	0.033	RL-7120
Thorium-230		0.385	pCi/g	0.0563	0.138	RL-7120
Thorium-232		0.477	pCi/g	0.0626	0.0414	RL-7120
Uranium	U	2.28	pCi/g	0.663	0.976	RL-7124
Uranium-234	U	0.722	pCi/g	0.99	0.308	RL-7124

SYB017

SY01-BSN

Characterization of the Northwest Storm Water Collection Basin SY01-B

Uranium-235	0.444	wt %	0.298		RL-7124
Uranium-238	1.52	pCi/g	0.302	0.644	RL-7124

SVOA

1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

SYB017

SY01-BSN

Characterization of the Northwest Storm Water Collection Basin SY01-B

Phenanthrene	U	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270
VOA						
1,1,1-Trichloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JUX	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	UX	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	UX	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	UX	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	UX	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UXY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	UX	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	UX	0.01	mg/kg		0.01	SW846-8260
Acetone	UX	0.01	mg/kg		0.01	SW846-8260
Benzene	UX	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	UX	0.01	mg/kg		0.01	SW846-8260
Bromoform	UX	0.01	mg/kg		0.01	SW846-8260
Bromomethane	UX	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	UX	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	UX	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	UX	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	UX	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	UX	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	UX	0.01	mg/kg		0.01	SW846-8260
Styrene	UX	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	UX	0.01	mg/kg		0.01	SW846-8260
Toluene	UX	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	UX	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JUX	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	UX	0.01	mg/kg		0.01	SW846-8260

SYP001

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

WC01-183

Collected: 11/20/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6460	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	NU	5	mg/kg		5	SW846-7060
Barium	N	81.8	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	2100	mg/kg		200	SW846-6010A
Chromium		8.26	mg/kg		2.5	SW846-6010A
Cobalt		3.25	mg/kg		2.5	SW846-6010A
Copper		7.18	mg/kg		2.5	SW846-6010A
Iron	NW	8540	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		5.31	mg/kg		5	SW846-6010A
Magnesium	W	714	mg/kg		2.5	SW846-6010A
Manganese	*N	238	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		5.8	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		20.2	mg/kg		2.5	SW846-6010A
Zinc		18.3	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0572	pCi/g	0.0099	0.0204	RL-7124
Americium-241	U	-0.0024	pCi/g	0.0048	0.0951	RL-7124
Cesium-134	U	0.00669	pCi/g	0.0134	0.015	RL-7124
Cesium-137	U	-0.0052	pCi/g	0.0103	0.0173	RL-7124
Cobalt-60	U	0.00236	pCi/g	0.0047	0.0184	RL-7124
Neptunium-237	U	0.00377	pCi/g	0.0076	0.0284	RL-7124
Plutonium-238	U	0.0164	pCi/g	0.0301	0.2	RL-7120
Plutonium-239/240	U	-0.0006	pCi/g	0.0106	0.04	RL-7120
Technetium-99	U	0	pCi/g	0	3.38	RL-7116
Thorium-228		0.474	pCi/g	0.0634	0.0643	RL-7120
Thorium-230		0.367	pCi/g	0.0561	0.195	RL-7120
Thorium-232		0.392	pCi/g	0.0579	0.044	RL-7120
Uranium	JU	2.39	pCi/g	1.54	1.04	RL-7124
Uranium-234	JU	1.16	pCi/g	1.72	0.505	RL-7124

SYP001

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Uranium-235		0.623	wt %			AS7300
Uranium-235		0.754	wt %	0.505		RL-7124
Uranium-238	J	1.17	pCi/g	0.726	0.511	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270

SYP001

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	U	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	U	0.05	mg/kg		0.05	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg		0.25	SW846-8260A
Acetone	U	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	JU	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

SYP002

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

WC01-184

Collected: 11/20/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7600	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	NU	5	mg/kg		5	SW846-7060
Barium	N	80.9	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1280	mg/kg		200	SW846-6010A
Chromium		10.1	mg/kg		2.5	SW846-6010A
Cobalt		3.57	mg/kg		2.5	SW846-6010A
Copper		8.5	mg/kg		2.5	SW846-6010A
Iron	NW	8990	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		8.59	mg/kg		5	SW846-6010A
Magnesium	W	742	mg/kg		2.5	SW846-6010A
Manganese	*N	279	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		6.47	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		20.3	mg/kg		2.5	SW846-6010A
Zinc		22.6	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0317	pCi/g	0.0086	0.0267	RL-7124
Americium-241	U	0.0271	pCi/g	0.0542	0.0699	RL-7124
Cesium-134	U	0.00316	pCi/g	0.0063	0.0189	RL-7124
Cesium-137	U	-0.0074	pCi/g	0.0147	0.0223	RL-7124
Cobalt-60	U	0.00268	pCi/g	0.0054	0.0217	RL-7124
Neptunium-237	U	0.00082	pCi/g	0.0016	0.0351	RL-7124
Plutonium-238	U	-0.0175	pCi/g	0.0279	0.212	RL-7120
Plutonium-239/240	U	0.00544	pCi/g	0.0133	0.038	RL-7120
Technetium-99	U	0	pCi/g	0	3.1	RL-7116
Thorium-228		0.323	pCi/g	0.055	0.0646	RL-7120
Thorium-230		0.393	pCi/g	0.0607	0.19	RL-7120
Thorium-232		0.334	pCi/g	0.0554	0.063	RL-7120
Uranium	JU	1.82	pCi/g	0.604	0.752	RL-7124
Uranium-234	JU	0.478	pCi/g	0.613	0.194	RL-7124

SYP002

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Uranium-235		0.374	wt %	0.232		RL-7124
Uranium-238	J	1.31	pCi/g	0.25	0.531	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0	0.5	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthene	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0	0.5	SW846-8270
Anthracene	U	0.5	mg/kg	0	0.5	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0	0.5	SW846-8270
Benzo(a)pyrene	U	0.5	mg/kg	0	0.5	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0	0.5	SW846-8270
Benzo(ghi)perylene	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Carbazole	U	0.5	mg/kg	0	0.5	SW846-8270
Chrysene	U	0.5	mg/kg	0	0.5	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Fluorene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0	0.5	SW846-8270
Isophorone	U	0.5	mg/kg	0	0.5	SW846-8270
Naphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0	0.5	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270

SYP002

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Phenanthrene	U	0.5	mg/kg	0	0.5	SW846-8270
Phenol	U	0.5	mg/kg	0	0.5	SW846-8270
Pyrene	U	0.5	mg/kg	0	0.5	SW846-8270
Pyridine	U	0.5	mg/kg	0	0.5	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	U	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	U	0.05	mg/kg		0.05	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg		0.25	SW846-8260A
Acetone	U	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	JU	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

SYP002

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

WC01-184D

Collected: 11/21/2001

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	11500	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	NU	5	mg/kg		5	SW846-7060
Barium	N	104	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	2500	mg/kg		200	SW846-6010A
Chromium		13.7	mg/kg		2.5	SW846-6010A
Cobalt		8.75	mg/kg		2.5	SW846-6010A
Copper		9.04	mg/kg		2.5	SW846-6010A
Iron	NW	11900	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		8.46	mg/kg		5	SW846-6010A
Magnesium	W	1240	mg/kg		2.5	SW846-6010A
Manganese	*N	1120	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.8	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		24.8	mg/kg		2.5	SW846-6010A
Zinc		34.4	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0372	pCi/g	0.0089	0.0234	RL-7124
Americium-241	U	-0.0095	pCi/g	0.0191	0.061	RL-7124
Cesium-134	U	0.00268	pCi/g	0.0054	0.0168	RL-7124
Cesium-137	U	-0.0116	pCi/g	0.0232	0.0199	RL-7124
Cobalt-60	U	-0.0073	pCi/g	0.0147	0.0196	RL-7124
Neptunium-237	U	0.0175	pCi/g	0.0349	0.0337	RL-7124
Plutonium-238	U	-0.0331	pCi/g	0.0244	0.212	RL-7120
Plutonium-239/240	U	0.0104	pCi/g	0.015	0.0392	RL-7120
Technetium-99	U	0	pCi/g	0	3.1	RL-7116
Thorium-228		0.362	pCi/g	0.0542	0.0628	RL-7120
Thorium-230		0.403	pCi/g	0.0583	0.189	RL-7120
Thorium-232		0.303	pCi/g	0.05	0.0622	RL-7120
Uranium	U	1.95	pCi/g	1.08	0.773	RL-7124
Uranium-234	U	0.621	pCi/g	0.844	0.245	RL-7124

SYP002

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Uranium-235		0.448	wt %	0.278		RL-7124
Uranium-238		1.29	pCi/g	0.644	0.505	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

SYP002

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	U	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	U	0.05	mg/kg		0.05	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg		0.25	SW846-8260A
Acetone	U	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	JU	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

SYP003

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

WC01-185

Collected: 11/20/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6680	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	NU	5	mg/kg		5	SW846-7060
Barium	N	85.8	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1110	mg/kg		200	SW846-6010A
Chromium		10.9	mg/kg		2.5	SW846-6010A
Cobalt		4.78	mg/kg		2.5	SW846-6010A
Copper		8.86	mg/kg		2.5	SW846-6010A
Iron	NW	8680	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		5.38	mg/kg		5	SW846-6010A
Magnesium	W	690	mg/kg		2.5	SW846-6010A
Manganese	*N	332	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		7.47	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		23	mg/kg		2.5	SW846-6010A
Zinc		23.6	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0402	pCi/g	0.0095	0.0241	RL-7124
Americium-241	U	0.0441	pCi/g	0.0882	0.0583	RL-7124
Cesium-134	U	-0.0023	pCi/g	0.0045	0.0158	RL-7124
Cesium-137	U	-0.0119	pCi/g	0.0237	0.0179	RL-7124
Cobalt-60	U	0.00223	pCi/g	0.0045	0.0196	RL-7124
Neptunium-237	U	0.00538	pCi/g	0.0108	0.0319	RL-7124
Plutonium-238	U	0.00352	pCi/g	0.0281	0.2	RL-7120
Plutonium-239/240	U	0.00169	pCi/g	0.01	0.0404	RL-7120
Technetium-99	U	0	pCi/g	0	3.38	RL-7116
Thorium-228		0.421	pCi/g	0.0599	0.0634	RL-7120
Thorium-230		0.492	pCi/g	0.0648	0.188	RL-7120
Thorium-232		0.511	pCi/g	0.0661	0.0438	RL-7120
Uranium	JU	2.05	pCi/g	0.606	0.742	RL-7124
Uranium-234	JU	0.687	pCi/g	0.876	0.246	RL-7124

SYP003

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Uranium-235		0.471	wt %	0.292		RL-7124
Uranium-238	J	1.32	pCi/g	0.234	0.472	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYP003

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	U	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	U	0.05	mg/kg		0.05	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg		0.25	SW846-8260A
Acetone	U	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	JU	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

SYP007

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

WC01-189

Collected: 11/21/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7660	mg/kg		20	SW846-6010A
Antimony	*NU	20	mg/kg		20	SW846-6010A
Arsenic	NU	5	mg/kg		5	SW846-7060
Barium	N	85.3	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	1400	mg/kg		200	SW846-6010A
Chromium		11.9	mg/kg		2.5	SW846-6010A
Cobalt		5.48	mg/kg		2.5	SW846-6010A
Copper		9.6	mg/kg		2.5	SW846-6010A
Iron	NW	11700	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium		6.07	mg/kg		5	SW846-6010A
Magnesium	W	741	mg/kg		2.5	SW846-6010A
Manganese	*N	480	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.01	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		25.9	mg/kg		2.5	SW846-6010A
Zinc		24.2	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0443	pCi/g	0.0060	0.0133	RL-7124
Americium-241	U	0.0179	pCi/g	0.0358	0.0342	RL-7124
Cesium-134	U	-0.0031	pCi/g	0.0063	0.0087	RL-7124
Cesium-137	U	-0.0004	pCi/g	0.0008	0.0105	RL-7124
Cobalt-60	U	0.00331	pCi/g	0.0066	0.0105	RL-7124
Neptunium-237	U	-0.0022	pCi/g	0.0043	0.0174	RL-7124
Plutonium-238	U	-0.0302	pCi/g	0.0249	0.212	RL-7120
Plutonium-239/240	U	-0.0003	pCi/g	0.0097	0.038	RL-7120
Technetium-99	U	0.129	pCi/g	2.04	3.1	RL-7116
Thorium-228		0.548	pCi/g	0.0716	0.0649	RL-7120
Thorium-230		0.499	pCi/g	0.0695	0.198	RL-7120
Thorium-232		0.499	pCi/g	0.0686	0.0636	RL-7120
Uranium	U	2.15	pCi/g	0.376	0.426	RL-7124
Uranium-234	U	0.79	pCi/g	0.989	0.155	RL-7124

SYP007

SY01-C746P

Scrap Metal Site Characterization for C-746-P Yard SY01-C746P

Uranium-235		0.519	wt %	0.322		RL-7124
Uranium-238		1.32	pCi/g	0.144	0.258	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYP007**SY01-C746P****Scrap Metal Site Characterization for C-746-P Yard SY01-C746P**

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260A
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
2-Butanone	U	0.25	mg/kg		0.25	SW846-8260A
2-Hexanone	U	0.05	mg/kg		0.05	SW846-8260A
4-Methyl-2-pentanone	U	0.25	mg/kg		0.25	SW846-8260A
Acetone	U	0.25	mg/kg		0.25	SW846-8260A
Benzene	U	0.01	mg/kg		0.01	SW846-8260A
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260A
Bromoform	U	0.01	mg/kg		0.01	SW846-8260A
Bromomethane	JU	0.02	mg/kg		0.02	SW846-8260A
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260A
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260A
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260A
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260A
m,p-Xylene	U	0.01	mg/kg		0.01	SW846-8260A
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260A
Styrene	U	0.01	mg/kg		0.01	SW846-8260A
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260A
Toluene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260A
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260A
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260A

SYP1-001

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

WC01-124

Collected: 9/19/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4630	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	52.5	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		110000	mg/kg		2000	SW846-6010A
Chromium		6.43	mg/kg		2.5	SW846-6010A
Cobalt		3.71	mg/kg		2.5	SW846-6010A
Copper		5.07	mg/kg		2.5	SW846-6010A
Iron	*NW	7430	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium	NUW	10	mg/kg		10	SW846-6010A
Magnesium	NW	2250	mg/kg		15	SW846-6010A
Manganese	*NW	387	mg/kg		10	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		9.42	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	*NU	100	mg/kg		100	SW846-6010A
Uranium	UX	200	mg/kg		200	SW846-6010A
Vanadium		9.32	mg/kg		2.5	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.036	pCi/g	0.0077	0.018	RL-7124
Americium-241	U	-0.0061	pCi/g	0.0121	0.0644	RL-7124
Cesium-134	U	0.00402	pCi/g	0.0080	0.0117	RL-7124
Cesium-137		0.0443	pCi/g	0.0112	0.0122	RL-7124
Cobalt-60	U	-0.0019	pCi/g	0.0038	0.0131	RL-7124
Neptunium-237	U	0.00987	pCi/g	0.0197	0.0261	RL-7124
Plutonium-238	U	-0.0518	pCi/g	0.0254	0.274	RL-7120
Plutonium-239/240	U	0.00334	pCi/g	0.0123	0.0327	RL-7120
Technetium-99	U	0	pCi/g	0	2.72	RL-7116
Thorium-228		0.276	pCi/g	0.0429	0.0715	RL-7120
Thorium-230		0.305	pCi/g	0.0479	0.126	RL-7120
Thorium-232		0.328	pCi/g	0.0458	0.0597	RL-7120
Uranium	U	1.59	pCi/g	1.11	0.732	RL-7124
Uranium-234	U	0.697	pCi/g	1.27	0.32	RL-7124

SYP1-001

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Uranium-235		0.648	wt %	0.544		RL-7124
Uranium-238		0.86	pCi/g	0.572	0.394	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYP1-001**SY01-C746P1****Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1**

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYP1-001

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

WC01-124D

Collected: 9/19/2001

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4580	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	83.9	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		119000	mg/kg		2000	SW846-6010A
Chromium		7.74	mg/kg		2.5	SW846-6010A
Cobalt		3.79	mg/kg		2.5	SW846-6010A
Copper		8.87	mg/kg		2.5	SW846-6010A
Iron	*NW	7900	mg/kg		20	SW846-6010A
Lead		31.9	mg/kg		20	SW846-6010A
Lithium	NUW	10	mg/kg		10	SW846-6010A
Magnesium	NW	3050	mg/kg		15	SW846-6010A
Manganese	*NW	279	mg/kg		10	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		10.3	mg/kg		5	SW846-6010A
Selenium	W	1.06	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	*NU	100	mg/kg		100	SW846-6010A
Uranium	UX	200	mg/kg		200	SW846-6010A
Vanadium		11.1	mg/kg		2.5	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0316	pCi/g	0.0065	0.0145	RL-7124
Americium-241	U	0.0279	pCi/g	0.0559	0.0529	RL-7124
Cesium-134	U	0.00145	pCi/g	0.0029	0.0093	RL-7124
Cesium-137		0.0741	pCi/g	0.0115	0.0101	RL-7124
Cobalt-60	U	-0.0004	pCi/g	0.0009	0.0098	RL-7124
Neptunium-237	U	-1E-05	pCi/g	3E-05	0.0214	RL-7124
Plutonium-238	U	-0.0616	pCi/g	0.0258	0.274	RL-7120
Plutonium-239/240	U	0.00762	pCi/g	0.0135	0.0329	RL-7120
Technetium-99	U	0.983	pCi/g	1.87	2.72	RL-7116
Thorium-228		0.228	pCi/g	0.0432	0.074	RL-7120
Thorium-230		0.367	pCi/g	0.0547	0.131	RL-7120
Thorium-232		0.262	pCi/g	0.044	0.0617	RL-7120
Uranium		1.32	pCi/g	0.902	0.629	RL-7124
Uranium-234		0.641	pCi/g	0.438	0.306	RL-7124

SYP1-001

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Uranium-235	0.595	wt %			AS7300
Uranium-235	0.754	wt %	0		RL-7124
Uranium-238	0.647	pCi/g	0.422	0.309	RL-7124

SVOA

1,2,4-Trichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0	0.5	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthene	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0	0.5	SW846-8270
Anthracene	U	0.5	mg/kg	0	0.5	SW846-8270
Benz(a)anthracene	UX	0.5	mg/kg	0	0.5	SW846-8270
Benzo(a)pyrene	UX	0.5	mg/kg	0	0.5	SW846-8270
Benzo(b)fluoranthene	UX	0.5	mg/kg	0	0.5	SW846-8270
Benzo(ghi)perylene	UX	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Carbazole	U	0.5	mg/kg	0	0.5	SW846-8270
Chrysene	UX	0.5	mg/kg	0	0.5	SW846-8270
Di-n-octylphthalate	UX	0.5	mg/kg	0	0.5	SW846-8270
Fluorene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	UX	0.5	mg/kg	0	0.5	SW846-8270
Isophorone	U	0.5	mg/kg	0	0.5	SW846-8270
Naphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0	0.5	SW846-8270

SYP1-001

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Pentachlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
Phenanthrene	UX	0.5	mg/kg	0	0.5	SW846-8270
Phenol	U	0.5	mg/kg	0	0.5	SW846-8270
Pyrene		0.84	mg/kg	0	0.5	SW846-8270
Pyridine	U	0.5	mg/kg	0	0.5	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYP1-002

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

WC01-125

Collected: 9/19/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4740	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	55.7	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		102000	mg/kg		2000	SW846-6010A
Chromium		7.47	mg/kg		2.5	SW846-6010A
Cobalt		3.19	mg/kg		2.5	SW846-6010A
Copper		10.8	mg/kg		2.5	SW846-6010A
Iron	*NW	9490	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium	NUW	10	mg/kg		10	SW846-6010A
Magnesium	NW	2900	mg/kg		15	SW846-6010A
Manganese	*NW	422	mg/kg		10	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		11.5	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	*NU	100	mg/kg		100	SW846-6010A
Uranium	X	217	mg/kg		200	SW846-6010A
Vanadium		12.5	mg/kg		2.5	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0277	pCi/g	0.0106	0.0272	RL-7124
Americium-241	U	0.0217	pCi/g	0.0435	0.0687	RL-7124
Cesium-134	U	-0.0055	pCi/g	0.011	0.0163	RL-7124
Cesium-137		0.0418	pCi/g	0.0192	0.0241	RL-7124
Cobalt-60	U	0.00446	pCi/g	0.0089	0.0237	RL-7124
Neptunium-237	U	-0.0024	pCi/g	0.0049	0.0368	RL-7124
Plutonium-238	U	-0.079	pCi/g	0.0228	0.274	RL-7120
Plutonium-239/240	U	-0.0056	pCi/g	0.0089	0.0323	RL-7120
Technetium-99		3.26	pCi/g	1.96	2.72	RL-7116
Thorium-228		0.333	pCi/g	0.0562	0.0779	RL-7120
Thorium-230		0.378	pCi/g	0.0671	0.141	RL-7120
Thorium-232		0.31	pCi/g	0.0546	0.0643	RL-7120
Uranium	U	1.61	pCi/g	1.03	0.688	RL-7124
Uranium-234	U	0.413	pCi/g	0.576	0.173	RL-7124

SYP1-002

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Uranium-235		0.367	wt %	0.227		RL-7124
Uranium-238		1.17	pCi/g	0.6	0.488	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene		0.58	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene		0.84	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene		3.1	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene		3.4	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene		3.3	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene		1.6	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	UX	0.48	mg/kg	0	0.48	SW846-8270
Chrysene		3.4	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	UX	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene		1.9	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270

SYP1-002

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Phenanthrene		3.9	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene		5.2	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYP1-003

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

WC01-126

Collected: 9/19/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	3170	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	UW	5	mg/kg		5	SW846-7060
Barium	*N	33.3	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		207000	mg/kg		2000	SW846-6010A
Chromium		5.37	mg/kg		2.5	SW846-6010A
Cobalt		2.5	mg/kg		2.5	SW846-6010A
Copper		4.2	mg/kg		2.5	SW846-6010A
Iron	*NW	4500	mg/kg		20	SW846-6010A
Lead	U	200	mg/kg		200	SW846-6010A
Lithium	NUW	10	mg/kg		10	SW846-6010A
Magnesium	NW	3430	mg/kg		15	SW846-6010A
Manganese	*NW	206	mg/kg		10	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		7.6	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	UW	1000	mg/kg		1000	SW846-6010A
Uranium	UX	2000	mg/kg		2000	SW846-6010A
Vanadium		6.8	mg/kg		2.5	SW846-6010A
Zinc	U	200	mg/kg		200	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.024	pCi/g	0.0067	0.0199	RL-7124
Americium-241	U	0.0356	pCi/g	0.0711	0.0656	RL-7124
Cesium-134	U	0.00245	pCi/g	0.0049	0.0112	RL-7124
Cesium-137		0.0525	pCi/g	0.0133	0.0136	RL-7124
Cobalt-60	U	-0.004	pCi/g	0.008	0.0127	RL-7124
Neptunium-237	U	0.0151	pCi/g	0.0303	0.0275	RL-7124
Plutonium-238	U	-0.0542	pCi/g	0.0255	0.274	RL-7120
Plutonium-239/240	U	-0.0012	pCi/g	0.011	0.0318	RL-7120
Technetium-99	U	0.811	pCi/g	1.86	2.72	RL-7116
Thorium-228		0.255	pCi/g	0.0461	0.0728	RL-7120
Thorium-230		0.389	pCi/g	0.0632	0.134	RL-7120
Thorium-232		0.268	pCi/g	0.0477	0.0652	RL-7120
Uranium	U	1.42	pCi/g	0.497	0.533	RL-7124
Uranium-234	U	0.351	pCi/g	0.603	0.13	RL-7124

SYP1-003

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Uranium-235		0.356	wt %	0.299		RL-7124
Uranium-238		1.05	pCi/g	0.224	0.384	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	UX	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	UX	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene		1.3	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene		1.2	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene		1.2	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene		0.6	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene		1.5	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	UX	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene		0.69	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

SYP1-003**SY01-C746P1****Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1**

Phenanthrene		1.9	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene		2.5	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYP1-004

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

WC01-127

Collected: 9/19/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	*NW	4950	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	W	8.63	mg/kg		5	SW846-7060
Barium	*N	48.6	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium		141000	mg/kg		2000	SW846-6010A
Chromium		6.58	mg/kg		2.5	SW846-6010A
Cobalt		4.52	mg/kg		2.5	SW846-6010A
Copper		6.42	mg/kg		2.5	SW846-6010A
Iron	*NW	7620	mg/kg		20	SW846-6010A
Lead	U	200	mg/kg		200	SW846-6010A
Lithium	NUW	10	mg/kg		10	SW846-6010A
Magnesium	NW	4780	mg/kg		15	SW846-6010A
Manganese	*NW	428	mg/kg		10	SW846-6010A
Mercury	UW	0.2	mg/kg		0.2	SW846-7471
Nickel		12.6	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	UW	1000	mg/kg		1000	SW846-6010A
Uranium	UX	2000	mg/kg		2000	SW846-6010A
Vanadium		9.05	mg/kg		2.5	SW846-6010A
Zinc	U	200	mg/kg		200	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0392	pCi/g	0.0078	0.0167	RL-7124
Americium-241	U	0.0528	pCi/g	0.106	0.0637	RL-7124
Cesium-134	U	0.00189	pCi/g	0.0038	0.0106	RL-7124
Cesium-137		0.0316	pCi/g	0.0089	0.0136	RL-7124
Cobalt-60	U	-0.0021	pCi/g	0.0042	0.0117	RL-7124
Neptunium-237	U	-0.0049	pCi/g	0.0098	0.0241	RL-7124
Plutonium-238	U	-0.0622	pCi/g	0.0243	0.274	RL-7120
Plutonium-239/240	U	-0.0061	pCi/g	0.0086	0.0323	RL-7120
Technetium-99	U	1.95	pCi/g	1.91	2.72	RL-7116
Thorium-228		0.422	pCi/g	0.0559	0.0734	RL-7120
Thorium-230		0.35	pCi/g	0.0535	0.127	RL-7120
Thorium-232		0.382	pCi/g	0.0526	0.061	RL-7120
Uranium	U	1.55	pCi/g	1.16	0.802	RL-7124
Uranium-234	U	0.829	pCi/g	1.52	0.43	RL-7124

SYP1-004

SY01-C746P1

Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1

Uranium-235		0.591	wt %			AS7300
Uranium-235		0.883	wt %	0.742		RL-7124
Uranium-238		0.684	pCi/g	0.49	0.355	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene		0.81	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene		1	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene		2.6	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene		2.3	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene		2.5	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene		1.1	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole		0.59	mg/kg	0	0.46	SW846-8270
Chrysene		2.9	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene		0.74	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene		1.3	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270

SYP1-004**SY01-C746P1****Scrap Metal Site Characterization for C-746-P1 Yard SY01-C746P1**

Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene		5.5	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene		4.9	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	U	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	U	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

GRID1NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-321

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.8	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270

GRID1NE**SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746**

N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	UX	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270

GRID1SE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-322

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0	0.5	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthene	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0	0.5	SW846-8270
Anthracene	UX	0.5	mg/kg	0	0.5	SW846-8270
Benz(a)anthracene		0.86	mg/kg	0	0.5	SW846-8270
Benzo(a)pyrene		0.84	mg/kg	0	0.5	SW846-8270
Benzo(b)fluoranthene		0.74	mg/kg	0	0.5	SW846-8270
Benzo(ghi)perylene	UX	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.8	mg/kg	0	0.5	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Carbazole	U	0.5	mg/kg	0	0.5	SW846-8270
Chrysene		0.91	mg/kg	0	0.5	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Fluorene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	UX	0.5	mg/kg	0	0.5	SW846-8270
Isophorone	U	0.5	mg/kg	0	0.5	SW846-8270
Naphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0	0.5	SW846-8270

GRID1SE**SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746**

N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0	0.5	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
Phenanthrene		1.1	mg/kg	0	0.5	SW846-8270
Phenol	U	0.5	mg/kg	0	0.5	SW846-8270
Pyrene		1.5	mg/kg	0	0.5	SW846-8270
Pyridine	U	0.5	mg/kg	0	0.5	SW846-8270

GRID2C

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-327

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	UX	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	5	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	UX	0.47	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	UX	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

GRID2C

SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene		0.57	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

GRID2NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-324

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	B	5	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270

GRID2NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270

GRID2NW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-323

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	B	5.2	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270

GRID2NW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270

GRID2SE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-326

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	UX	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene		0.73	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene		1.8	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene		1.7	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene		1.6	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene		0.86	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.6	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	UX	0.48	mg/kg	0	0.48	SW846-8270
Chrysene		1.9	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	UX	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene		0.98	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270

GRID2SE

SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene		2.9	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene		3.3	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270

GRID2SW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-325

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	UX	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene		3.5	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene		5.5	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	D	24	mg/kg		2.3	SW846-8270
Benzo(a)pyrene	D	18	mg/kg		2.3	SW846-8270
Benzo(b)fluoranthene	D	27	mg/kg		2.3	SW846-8270
Benzo(ghi)perylene		7	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.6	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole		3.8	mg/kg	0	0.47	SW846-8270
Chrysene	D	25	mg/kg		2.3	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene		2.9	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene		9.1	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	UX	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

GRID2SW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	D	33	mg/kg		2.3	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	D	38	mg/kg		2.3	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

GRID3C

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-332

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.4	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

GRID3C

SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

GRID3C

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-332D

Collected: 12/27/2001

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	U	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.9	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	U	0.48	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270

GRID3C

SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	U	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	UX	0.48	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270

GRID3NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-329

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	UX	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene		0.73	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene		0.73	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene		0.78	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	UX	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.9	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene		0.86	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	UX	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270

GRID3NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene		0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene		1.2	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270

GRID3NW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-328

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene		0.67	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene		0.62	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene		0.66	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	UX	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.8	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene		0.83	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	UX	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

GRID3NW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene		1.2	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene		1.4	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

GRID3SE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-331

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	UX	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene		5.4	mg/kg	0	0.48	SW846-8270
Acenaphthylene		1.2	mg/kg	0	0.48	SW846-8270
Anthracene		7.6	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	D	28	mg/kg		2.4	SW846-8270
Benzo(a)pyrene	D	28	mg/kg		2.4	SW846-8270
Benzo(b)fluoranthene	D	33	mg/kg		2.4	SW846-8270
Benzo(ghi)perylene		5.8	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	5.1	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole		8	mg/kg	0	0.48	SW846-8270
Chrysene	D	30	mg/kg		2.4	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene		5.1	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene		7.9	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	UX	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270

GRID3SE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	DE	64	mg/kg		2.4	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	D	48	mg/kg		2.4	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270

GRID3SW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-330

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	U	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	U	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	UX	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	UX	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	UX	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.9	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	U	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	UX	0.48	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270

GRID3SW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	UX	0.48	mg/kg	0	0.48	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene		0.56	mg/kg	0	0.48	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270

GRID4C

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-337

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	UX	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.9	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	UX	0.47	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

GRID4C

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene		0.55	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

GRID4NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-334

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	U	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.7	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270

GRID4NE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	UX	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270

GRID4NW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-333

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	B	4.7	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270

GRID4NW**SY01-C746P1-R****p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746**

N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	UX	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270

GRID4SE

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-336

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	2.4	mg/kg	0	2.4	SW846-8270
1,2-Dichlorobenzene	JU	2.4	mg/kg	0	2.4	SW846-8270
1,3-Dichlorobenzene	JU	2.4	mg/kg	0	2.4	SW846-8270
1,4-Dichlorobenzene	JU	2.4	mg/kg	0	2.4	SW846-8270
2,4,5-Trichlorophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2,4,6-Trichlorophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2,4-Dichlorophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2,4-Dimethylphenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2,4-Dinitrophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2,4-Dinitrotoluene	JU	2.4	mg/kg	0	2.4	SW846-8270
2,6-Dinitrotoluene	JU	2.4	mg/kg	0	2.4	SW846-8270
2-Chloronaphthalene	JU	2.4	mg/kg	0	2.4	SW846-8270
2-Chlorophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2-Methylnaphthalene	JUX	2.4	mg/kg	0	2.4	SW846-8270
2-Methylphenol	JU	2.4	mg/kg	0	2.4	SW846-8270
2-Nitrobenzenamine	JU	2.4	mg/kg	0	2.4	SW846-8270
2-Nitrophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
3,3'-Dichlorobenzidine	JU	2.4	mg/kg	0	2.4	SW846-8270
3-Nitrobenzenamine	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Bromophenyl phenyl ether	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Chloro-3-methylphenol	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Chlorobenzenamine	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Chlorophenyl phenyl ether	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Methylphenol	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Nitrobenzenamine	JU	2.4	mg/kg	0	2.4	SW846-8270
4-Nitrophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
Acenaphthene	DJ	31	mg/kg	0	2.4	SW846-8270
Acenaphthylene	JU	2.4	mg/kg	0	2.4	SW846-8270
Anthracene	DJ	40	mg/kg	0	2.4	SW846-8270
Benz(a)anthracene	DEJ	110	mg/kg	0	2.4	SW846-8270
Benzo(a)pyrene	DEJ	80	mg/kg	0	2.4	SW846-8270
Benzo(b)fluoranthene	DEJ	170	mg/kg	0	2.4	SW846-8270
Benzo(ghi)perylene	DJ	28	mg/kg	0	2.4	SW846-8270
Bis(2-chloroethoxy)methane	JU	2.4	mg/kg	0	2.4	SW846-8270
Bis(2-chloroethyl) ether	JU	2.4	mg/kg	0	2.4	SW846-8270
Bis(2-chloroisopropyl) ether	JU	2.4	mg/kg	0	2.4	SW846-8270
Bis(2-ethylhexyl)phthalate	BDJ	5.7	mg/kg	0	2.4	SW846-8270
Butyl benzyl phthalate	JU	2.4	mg/kg	0	2.4	SW846-8270
Carbazole	DJ	37	mg/kg	0	2.4	SW846-8270
Chrysene	DEJ	95	mg/kg	0	2.4	SW846-8270
Di-n-octylphthalate	JU	2.4	mg/kg	0	2.4	SW846-8270
Fluorene	DJ	27	mg/kg	0	2.4	SW846-8270
Hexachlorocyclopentadiene	JU	2.4	mg/kg	0	2.4	SW846-8270
Hexachloroethane	JU	2.4	mg/kg	0	2.4	SW846-8270
Indeno(1,2,3-cd)pyrene	DJ	37	mg/kg	0	2.4	SW846-8270
Isophorone	JU	2.4	mg/kg	0	2.4	SW846-8270
Naphthalene	JUX	2.4	mg/kg	0	2.4	SW846-8270
Nitrobenzene	JU	2.4	mg/kg	0	2.4	SW846-8270

GRID4SE**SY01-C746P1-R p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746**

N-Nitroso-di-n-propylamine	JU	2.4	mg/kg	0	2.4	SW846-8270
N-Nitrosodiphenylamine	JU	2.4	mg/kg	0	2.4	SW846-8270
Pentachlorophenol	JU	2.4	mg/kg	0	2.4	SW846-8270
Phenanthrene	DEJX	47	mg/kg		2.4	SW846-8270
Phenol	JU	2.4	mg/kg	0	2.4	SW846-8270
Pyrene	DEJ	150	mg/kg	0	2.4	SW846-8270
Pyridine	JU	2.4	mg/kg	0	2.4	SW846-8270

GRID4SW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

WC01-335

Collected: 12/27/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	U	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	UX	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	U	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	U	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	U	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene		5.5	mg/kg	0	0.48	SW846-8270
Acenaphthylene	UX	0.48	mg/kg	0	0.48	SW846-8270
Anthracene		7.2	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	D	31	mg/kg		2.4	SW846-8270
Benzo(a)pyrene	D	31	mg/kg		2.4	SW846-8270
Benzo(b)fluoranthene	D	36	mg/kg		2.4	SW846-8270
Benzo(ghi)perylene		6.8	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	B	5.3	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Carbazole		7.1	mg/kg	0	0.48	SW846-8270
Chrysene	D	33	mg/kg		2.4	SW846-8270
Di-n-octylphthalate	U	0.48	mg/kg	0	0.48	SW846-8270
Fluorene		4.6	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	U	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	U	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene		9.1	mg/kg	0	0.48	SW846-8270
Isophorone	U	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	UX	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	U	0.48	mg/kg	0	0.48	SW846-8270

GRID4SW

SY01-C746P1-R

p Metal Site Characterization for C-746-P1 Yard - Resample SY01-C746

N-Nitroso-di-n-propylamine	U	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	U	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	U	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	DE	59	mg/kg		2.4	SW846-8270
Phenol	U	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	DE	52	mg/kg		2.4	SW846-8270
Pyridine	U	0.48	mg/kg	0	0.48	SW846-8270

SYD004

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-156

Collected: 10/23/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	6680	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic		10.4	mg/kg		5	SW846-7060
Barium	*N	81.1	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	15000	mg/kg		200	SW846-6010A
Chromium		12	mg/kg		2.5	SW846-6010A
Cobalt		5.05	mg/kg		2.5	SW846-6010A
Copper		10.7	mg/kg		2.5	SW846-6010A
Iron	*NW	13300	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		1340	mg/kg		15	SW846-6010A
Manganese	*N	392	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.5	mg/kg		5	SW846-6010A
Selenium	W	1.13	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		21.9	mg/kg		2.5	SW846-6010A
Zinc		114	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0768	pCi/g	0.0216	0.0398	RL-7124
Americium-241	U	-0.0178	pCi/g	0.0355	0.187	RL-7124
Cesium-134	U	-0.0105	pCi/g	0.0211	0.0285	RL-7124
Cesium-137		0.257	pCi/g	0.0404	0.0364	RL-7124
Cobalt-60	U	-0.0109	pCi/g	0.0218	0.0349	RL-7124
Neptunium-237	U	0.0199	pCi/g	0.0398	0.0545	RL-7124
Plutonium-238	U	-0.011	pCi/g	0.0261	0.211	RL-7120
Plutonium-239/240	U	0.0199	pCi/g	0.016	0.042	RL-7120
Technetium-99	U	1.17	pCi/g	1.81	2.64	RL-7116
Thorium-228		0.407	pCi/g	0.0653	0.0678	RL-7120
Thorium-230		0.57	pCi/g	0.0772	0.19	RL-7120
Thorium-232		0.365	pCi/g	0.0618	0.0459	RL-7120
Uranium	U	3.76	pCi/g	2.43	1.59	RL-7124
Uranium-234	U	1.36	pCi/g	2.02	0.573	RL-7124

SYD004

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.511	wt %	0.342		RL-7124
Uranium-238		2.33	pCi/g	1.35	0.979	RL-7124
SVOA						
1,2,4-Trichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
1,2-Dichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
1,3-Dichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
1,4-Dichlorobenzene	JU	0.46	mg/kg		0.46	SW846-8270
2,4,5-Trichlorophenol	JU	0.46	mg/kg		0.46	SW846-8270
2,4,6-Trichlorophenol	JU	0.46	mg/kg		0.46	SW846-8270
2,4-Dichlorophenol	JU	0.46	mg/kg		0.46	SW846-8270
2,4-Dimethylphenol	JU	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrophenol	JU	0.46	mg/kg		0.46	SW846-8270
2,4-Dinitrotoluene	JU	0.46	mg/kg		0.46	SW846-8270
2,6-Dinitrotoluene	JU	0.46	mg/kg		0.46	SW846-8270
2-Chloronaphthalene	JU	0.46	mg/kg		0.46	SW846-8270
2-Chlorophenol	JU	0.46	mg/kg		0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.46	mg/kg		0.46	SW846-8270
2-Methylnaphthalene	JU	0.46	mg/kg		0.46	SW846-8270
2-Methylphenol	JU	0.46	mg/kg		0.46	SW846-8270
2-Nitrobenzenamine	JU	0.46	mg/kg		0.46	SW846-8270
2-Nitrophenol	JU	0.46	mg/kg		0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg		0.46	SW846-8270
3-Nitrobenzenamine	JU	0.46	mg/kg		0.46	SW846-8270
4-Bromophenyl phenyl ether	JU	0.46	mg/kg		0.46	SW846-8270
4-Chloro-3-methylphenol	JU	0.46	mg/kg		0.46	SW846-8270
4-Chlorobenzenamine	JU	0.46	mg/kg		0.46	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.46	mg/kg		0.46	SW846-8270
4-Methylphenol	JU	0.46	mg/kg		0.46	SW846-8270
4-Nitrobenzenamine	JU	0.46	mg/kg		0.46	SW846-8270
4-Nitrophenol	JU	0.46	mg/kg		0.46	SW846-8270
Acenaphthene	JU	0.46	mg/kg		0.46	SW846-8270
Acenaphthylene	JU	0.46	mg/kg		0.46	SW846-8270
Anthracene	JU	0.46	mg/kg		0.46	SW846-8270
Benz(a)anthracene	JU	0.46	mg/kg		0.46	SW846-8270
Benzo(a)pyrene	JU	0.46	mg/kg		0.46	SW846-8270
Benzo(b)fluoranthene	JU	0.46	mg/kg		0.46	SW846-8270
Benzo(ghi)perylene	JU	0.46	mg/kg		0.46	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.46	mg/kg		0.46	SW846-8270
Bis(2-chloroethyl) ether	JU	0.46	mg/kg		0.46	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.46	mg/kg		0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.46	mg/kg		0.46	SW846-8270
Butyl benzyl phthalate	JU	0.46	mg/kg		0.46	SW846-8270
Carbazole	JU	0.46	mg/kg		0.46	SW846-8270
Chrysene	JU	0.46	mg/kg		0.46	SW846-8270
Di-n-octylphthalate	JU	0.46	mg/kg		0.46	SW846-8270
Fluorene	JU	0.46	mg/kg		0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg		0.46	SW846-8270
Hexachloroethane	JU	0.46	mg/kg		0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.46	mg/kg		0.46	SW846-8270
Isophorone	JU	0.46	mg/kg		0.46	SW846-8270
Naphthalene	JU	0.46	mg/kg		0.46	SW846-8270
Nitrobenzene	JU	0.46	mg/kg		0.46	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.46	mg/kg		0.46	SW846-8270
N-Nitrosodiphenylamine	JU	0.46	mg/kg		0.46	SW846-8270
Pentachlorophenol	JU	0.46	mg/kg		0.46	SW846-8270

SYD004

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	JU	0.46	mg/kg	0.46	SW846-8270
Phenol	JU	0.46	mg/kg	0.46	SW846-8270
Pyrene	JU	0.46	mg/kg	0.46	SW846-8270
Pyridine	JU	0.46	mg/kg	0.46	SW846-8270
VOA					
1,1,1-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg	0.01	SW846-8260
Acetone	JU	0.01	mg/kg	0.01	SW846-8260
Benzene	JU	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg	0.01	SW846-8260
Bromoform	JU	0.01	mg/kg	0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	JUY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	JU	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	JUY	0.01	mg/kg	0.01	SW846-8260
Toluene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg	0.01	SW846-8260

SYD005

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-157

Collected: 10/24/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	6280	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	57.9	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	2210	mg/kg		200	SW846-6010A
Chromium		10.8	mg/kg		2.5	SW846-6010A
Cobalt		3.71	mg/kg		2.5	SW846-6010A
Copper		7.69	mg/kg		2.5	SW846-6010A
Iron	*NW	9410	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		595	mg/kg		15	SW846-6010A
Manganese	*N	289	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.95	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		15.6	mg/kg		2.5	SW846-6010A
Zinc		37.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.133	pCi/g	0.0238	0.0342	RL-7124
Americium-241	U	0.0292	pCi/g	0.0584	0.109	RL-7124
Cesium-134	U	-0.0069	pCi/g	0.0138	0.0189	RL-7124
Cesium-137		0.193	pCi/g	0.0231	0.0202	RL-7124
Cobalt-60	U	0.0058	pCi/g	0.0116	0.0219	RL-7124
Neptunium-237	U	0.0168	pCi/g	0.0335	0.0437	RL-7124
Plutonium-238	U	-0.0039	pCi/g	0.0262	0.211	RL-7120
Plutonium-239/240	U	0.0242	pCi/g	0.0158	0.0435	RL-7120
Technetium-99	U	2.05	pCi/g	1.86	2.64	RL-7116
Thorium-228		0.527	pCi/g	0.0704	0.0655	RL-7120
Thorium-230		0.606	pCi/g	0.0759	0.189	RL-7120
Thorium-232		0.466	pCi/g	0.0665	0.0445	RL-7120
Uranium		5.69	pCi/g	2.43	1.45	RL-7124
Uranium-234		2.64	pCi/g	1.95	0.673	RL-7124

SYD005

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.704	wt %	0.211		RL-7124
Uranium-238		2.92	pCi/g	1.13	0.743	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg		0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg		0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg		0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg		0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg		0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg		0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg		0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg		0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg		0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg		0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg		0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg		0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg		0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg		0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg		0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg		0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg		0.47	SW846-8270
Anthracene	U	0.47	mg/kg		0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg		0.47	SW846-8270
Benzo(ghi)perylene	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg		0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg		0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg		0.47	SW846-8270
Carbazole	U	0.47	mg/kg		0.47	SW846-8270
Chrysene	U	0.47	mg/kg		0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg		0.47	SW846-8270
Fluorene	U	0.47	mg/kg		0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg		0.47	SW846-8270
Hexachloroethane	UY	0.47	mg/kg		0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg		0.47	SW846-8270
Isophorone	U	0.47	mg/kg		0.47	SW846-8270
Naphthalene	U	0.47	mg/kg		0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg		0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg		0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg		0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg		0.47	SW846-8270

SYD005

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	U	0.47 mg/kg	0.47	SW846-8270
Phenol	U	0.47 mg/kg	0.47	SW846-8270
Pyrene	U	0.47 mg/kg	0.47	SW846-8270
Pyridine	U	0.47 mg/kg	0.47	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	UY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260

SYD006

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-158

Collected: 10/30/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	6480	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	86.6	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	4320	mg/kg		200	SW846-6010A
Chromium		11.1	mg/kg		2.5	SW846-6010A
Cobalt		8.35	mg/kg		2.5	SW846-6010A
Copper		9.74	mg/kg		2.5	SW846-6010A
Iron	*NW	12700	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		859	mg/kg		15	SW846-6010A
Manganese	*N	565	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		11.7	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		20.3	mg/kg		2.5	SW846-6010A
Zinc		47.1	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0689	pCi/g	0.0168	0.031	RL-7124
Americium-241	U	0.038	pCi/g	0.0761	0.0997	RL-7124
Cesium-134	U	0.00157	pCi/g	0.0032	0.0177	RL-7124
Cesium-137		0.194	pCi/g	0.0235	0.0211	RL-7124
Cobalt-60	U	0.00919	pCi/g	0.0184	0.0202	RL-7124
Neptunium-237	U	-0.0037	pCi/g	0.0073	0.0406	RL-7124
Plutonium-238	U	-0.0054	pCi/g	0.0282	0.211	RL-7120
Plutonium-239/240		0.053	pCi/g	0.0237	0.0433	RL-7120
Technetium-99	U	2.11	pCi/g	1.86	2.64	RL-7116
Thorium-228		0.358	pCi/g	0.0593	0.0638	RL-7120
Thorium-230		0.506	pCi/g	0.0703	0.189	RL-7120
Thorium-232		0.351	pCi/g	0.059	0.0458	RL-7120
Uranium	U	3.26	pCi/g	0.97	1.04	RL-7124
Uranium-234	U	1.26	pCi/g	2.15	0.398	RL-7124

SYD006

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.553	wt %	0.465		RL-7124
Uranium-238		1.93	pCi/g	0.331	0.607	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,2-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,3-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
1,4-Dichlorobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,5-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4,6-Trichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dichlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dimethylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2,6-Dinitrotoluene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chloronaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Chlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylnaphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
2-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
3,3'-Dichlorobenzidine	U	0.5	mg/kg	0	0.5	SW846-8270
3-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Bromophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chloro-3-methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorophenyl phenyl ether	U	0.5	mg/kg	0	0.5	SW846-8270
4-Methylphenol	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrobenzenamine	U	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrophenol	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthene	U	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthylene	U	0.5	mg/kg	0	0.5	SW846-8270
Anthracene	U	0.5	mg/kg	0	0.5	SW846-8270
Benz(a)anthracene	U	0.5	mg/kg	0	0.5	SW846-8270
Benzo(a)pyrene	U	0.5	mg/kg	0	0.5	SW846-8270
Benzo(b)fluoranthene	U	0.5	mg/kg	0	0.5	SW846-8270
Benzo(ghi)perylene	JU	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethoxy)methane	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Butyl benzyl phthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Carbazole	U	0.5	mg/kg	0	0.5	SW846-8270
Chrysene	U	0.5	mg/kg	0	0.5	SW846-8270
Di-n-octylphthalate	U	0.5	mg/kg	0	0.5	SW846-8270
Fluorene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachlorocyclopentadiene	U	0.5	mg/kg	0	0.5	SW846-8270
Hexachloroethane	U	0.5	mg/kg	0	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.5	mg/kg	0	0.5	SW846-8270
Isophorone	U	0.5	mg/kg	0	0.5	SW846-8270
Naphthalene	U	0.5	mg/kg	0	0.5	SW846-8270
Nitrobenzene	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitroso-di-n-propylamine	U	0.5	mg/kg	0	0.5	SW846-8270
N-Nitrosodiphenylamine	U	0.5	mg/kg	0	0.5	SW846-8270
Pentachlorophenol	U	0.5	mg/kg	0	0.5	SW846-8270

SYD006

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	U	0.5	mg/kg	0	0.5	SW846-8270
Phenol	U	0.5	mg/kg	0	0.5	SW846-8270
Pyrene	U	0.5	mg/kg	0	0.5	SW846-8270
Pyridine	U	0.5	mg/kg	0	0.5	SW846-8270
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260

SYD007

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-159

Collected: 10/30/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	7680	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	101	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	2990	mg/kg		200	SW846-6010A
Chromium		17	mg/kg		2.5	SW846-6010A
Cobalt		6.96	mg/kg		2.5	SW846-6010A
Copper		10.5	mg/kg		2.5	SW846-6010A
Iron	*NW	17600	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		894	mg/kg		15	SW846-6010A
Manganese	*N	669	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		15.8	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		27.9	mg/kg		2.5	SW846-6010A
Zinc		45.8	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0733	pCi/g	0.0174	0.0301	RL-7124
Americium-241	U	0.062	pCi/g	0.124	0.0942	RL-7124
Cesium-134	U	-0.0071	pCi/g	0.0141	0.015	RL-7124
Cesium-137		0.131	pCi/g	0.0195	0.0182	RL-7124
Cobalt-60	U	0.00448	pCi/g	0.009	0.017	RL-7124
Neptunium-237	U	0.0152	pCi/g	0.0305	0.0371	RL-7124
Plutonium-238	U	0.00535	pCi/g	0.0271	0.211	RL-7120
Plutonium-239/240	U	0.016	pCi/g	0.0152	0.0422	RL-7120
Technetium-99	U	0.357	pCi/g	1.76	2.64	RL-7116
Thorium-228		0.522	pCi/g	0.0727	0.0662	RL-7120
Thorium-230		0.627	pCi/g	0.0795	0.198	RL-7120
Thorium-232		0.519	pCi/g	0.0731	0.0457	RL-7120
Uranium		4.1	pCi/g	1.56	0.883	RL-7124
Uranium-234		1.14	pCi/g	0.807	0.241	RL-7124

SYD007

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.392	wt %	0.118		RL-7124
Uranium-238		2.89	pCi/g	0.854	0.612	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYD007

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260

SYD009

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-161

Collected: 10/24/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	8302	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic		9.32	mg/kg		5	SW846-7060
Barium	*N	92.9	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	2390	mg/kg		200	SW846-6010A
Chromium		9.81	mg/kg		2.5	SW846-6010A
Cobalt		4.08	mg/kg		2.5	SW846-6010A
Copper		8.42	mg/kg		2.5	SW846-6010A
Iron	*NW	8640	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		758	mg/kg		15	SW846-6010A
Manganese	*N	345	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		12.2	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		18	mg/kg		2.5	SW846-6010A
Zinc		30	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0733	pCi/g	0.0182	0.032	RL-7124
Americium-241	U	0.0645	pCi/g	0.129	0.0946	RL-7124
Cesium-134	U	0.00308	pCi/g	0.0062	0.0175	RL-7124
Cesium-137		0.0537	pCi/g	0.016	0.0215	RL-7124
Cobalt-60	U	-0.0064	pCi/g	0.0128	0.0173	RL-7124
Neptunium-237	U	0.0114	pCi/g	0.0228	0.0378	RL-7124
Plutonium-238	U	-0.0085	pCi/g	0.0261	0.211	RL-7120
Plutonium-239/240	U	0.00889	pCi/g	0.0121	0.0421	RL-7120
Technetium-99	U	1.75	pCi/g	1.83	2.64	RL-7116
Thorium-228		0.367	pCi/g	0.0595	0.0641	RL-7120
Thorium-230		0.492	pCi/g	0.069	0.189	RL-7120
Thorium-232		0.428	pCi/g	0.064	0.046	RL-7120
Uranium	U	3.09	pCi/g	1.95	1.23	RL-7124
Uranium-234	U	1.47	pCi/g	2.64	0.587	RL-7124

SYD009

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.732	wt %	0.615		RL-7124
Uranium-235		0.568	wt %			AS7300
Uranium-238		1.55	pCi/g	0.893	0.615	RL-7124
SVOA						
1,2,4-Trichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dichlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dimethylphenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrotoluene	JU	0.47	mg/kg		0.47	SW846-8270
2,6-Dinitrotoluene	JU	0.47	mg/kg		0.47	SW846-8270
2-Chloronaphthalene	JU	0.47	mg/kg		0.47	SW846-8270
2-Chlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
2-Methylnaphthalene	JU	0.47	mg/kg		0.47	SW846-8270
2-Methylphenol	JU	0.47	mg/kg		0.47	SW846-8270
2-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
2-Nitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg		0.47	SW846-8270
3-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Bromophenyl phenyl ether	JU	0.47	mg/kg		0.47	SW846-8270
4-Chloro-3-methylphenol	JU	0.47	mg/kg		0.47	SW846-8270
4-Chlorobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.47	mg/kg		0.47	SW846-8270
4-Methylphenol	JU	0.47	mg/kg		0.47	SW846-8270
4-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Nitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
Acenaphthene	JU	0.47	mg/kg		0.47	SW846-8270
Acenaphthylene	JU	0.47	mg/kg		0.47	SW846-8270
Anthracene	JU	0.47	mg/kg		0.47	SW846-8270
Benz(a)anthracene	JUX	0.47	mg/kg		0.47	SW846-8270
Benzo(a)pyrene	JUX	0.47	mg/kg		0.47	SW846-8270
Benzo(b)fluoranthene	JUX	0.47	mg/kg		0.47	SW846-8270
Benzo(ghi)perylene	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethyl) ether	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.47	mg/kg		0.47	SW846-8270
Butyl benzyl phthalate	JU	0.47	mg/kg		0.47	SW846-8270
Carbazole	JU	0.47	mg/kg		0.47	SW846-8270
Chrysene	JUX	0.47	mg/kg		0.47	SW846-8270
Di-n-octylphthalate	JU	0.47	mg/kg		0.47	SW846-8270
Fluorene	JU	0.47	mg/kg		0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg		0.47	SW846-8270
Hexachloroethane	JUY	0.47	mg/kg		0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.47	mg/kg		0.47	SW846-8270
Isophorone	JU	0.47	mg/kg		0.47	SW846-8270
Naphthalene	JU	0.47	mg/kg		0.47	SW846-8270
Nitrobenzene	JU	0.47	mg/kg		0.47	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.47	mg/kg		0.47	SW846-8270
N-Nitrosodiphenylamine	JU	0.47	mg/kg		0.47	SW846-8270

SYD009

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Pentachlorophenol	JU	0.47	mg/kg	0.47	SW846-8270
Phenanthrene	JUX	0.47	mg/kg	0.47	SW846-8270
Phenol	JU	0.47	mg/kg	0.47	SW846-8270
Pyrene	J	0.65	mg/kg	0.47	SW846-8270
Pyridine	JU	0.47	mg/kg	0.47	SW846-8270
VOA					
1,1,1-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
2-Butanone	UY	0.01	mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg	0.01	SW846-8260
Acetone	U	0.01	mg/kg	0.01	SW846-8260
Benzene	U	0.01	mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg	0.01	SW846-8260
Bromoform	U	0.01	mg/kg	0.01	SW846-8260
Bromomethane	U	0.01	mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01	mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg	0.01	SW846-8260
Styrene	U	0.01	mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01	mg/kg	0.01	SW846-8260
Toluene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg	0.01	SW846-8260

SYD010

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-162

Collected: 10/24/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	7330	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic		5.21	mg/kg		5	SW846-7060
Barium	*N	99.9	mg/kg		5	SW846-6010A
Beryllium		0.599	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	10700	mg/kg		200	SW846-6010A
Chromium		15.9	mg/kg		2.5	SW846-6010A
Cobalt		7.19	mg/kg		2.5	SW846-6010A
Copper		10.1	mg/kg		2.5	SW846-6010A
Iron	*NW	21200	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		1340	mg/kg		15	SW846-6010A
Manganese	*N	599	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		14.6	mg/kg		5	SW846-6010A
Selenium	W	1.23	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JX	279	mg/kg		200	SW846-6010A
Vanadium		35.4	mg/kg		2.5	SW846-6010A
Zinc		101	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0386	pCi/g	0.0056	0.0117	RL-7124
Americium-241	U	0.00703	pCi/g	0.0141	0.031	RL-7124
Cesium-134	U	0.00258	pCi/g	0.0052	0.0083	RL-7124
Cesium-137		0.0141	pCi/g	0.0085	0.01	RL-7124
Cobalt-60	U	-0.0048	pCi/g	0.0096	0.0089	RL-7124
Neptunium-237	U	0.00214	pCi/g	0.0043	0.0166	RL-7124
Plutonium-238	U	-0.0045	pCi/g	0.0271	0.211	RL-7120
Plutonium-239/240	U	-0.0067	pCi/g	0.0101	0.0428	RL-7120
Technetium-99		3.05	pCi/g	1.89	2.64	RL-7116
Thorium-228		0.418	pCi/g	0.065	0.0672	RL-7120
Thorium-230		0.475	pCi/g	0.0695	0.189	RL-7120
Thorium-232		0.506	pCi/g	0.071	0.0501	RL-7120
Uranium	U	1.84	pCi/g	0.343	0.378	RL-7124
Uranium-234	U	0.703	pCi/g	0.881	0.143	RL-7124

SYD010

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.546	wt %	0.338		RL-7124
Uranium-238		1.1	pCi/g	0.129	0.223	RL-7124
SVOA						
1,2,4-Trichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
1,2-Dichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
1,3-Dichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
1,4-Dichlorobenzene	JU	0.47	mg/kg		0.47	SW846-8270
2,4,5-Trichlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4,6-Trichlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dichlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dimethylphenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrotoluene	JU	0.47	mg/kg		0.47	SW846-8270
2,6-Dinitrotoluene	JU	0.47	mg/kg		0.47	SW846-8270
2-Chloronaphthalene	JU	0.47	mg/kg		0.47	SW846-8270
2-Chlorophenol	JU	0.47	mg/kg		0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
2-Methylnaphthalene	JU	0.47	mg/kg		0.47	SW846-8270
2-Methylphenol	JU	0.47	mg/kg		0.47	SW846-8270
2-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
2-Nitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg		0.47	SW846-8270
3-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Bromophenyl phenyl ether	JU	0.47	mg/kg		0.47	SW846-8270
4-Chloro-3-methylphenol	JU	0.47	mg/kg		0.47	SW846-8270
4-Chlorobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.47	mg/kg		0.47	SW846-8270
4-Methylphenol	JU	0.47	mg/kg		0.47	SW846-8270
4-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Nitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
Acenaphthene	JU	0.47	mg/kg		0.47	SW846-8270
Acenaphthylene	JU	0.47	mg/kg		0.47	SW846-8270
Anthracene	JU	0.47	mg/kg		0.47	SW846-8270
Benz(a)anthracene	JU	0.47	mg/kg		0.47	SW846-8270
Benzo(a)pyrene	JU	0.47	mg/kg		0.47	SW846-8270
Benzo(b)fluoranthene	JU	0.47	mg/kg		0.47	SW846-8270
Benzo(ghi)perylene	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroethyl) ether	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.47	mg/kg		0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.47	mg/kg		0.47	SW846-8270
Butyl benzyl phthalate	JU	0.47	mg/kg		0.47	SW846-8270
Carbazole	JU	0.47	mg/kg		0.47	SW846-8270
Chrysene	JU	0.47	mg/kg		0.47	SW846-8270
Di-n-octylphthalate	JU	0.47	mg/kg		0.47	SW846-8270
Fluorene	JU	0.47	mg/kg		0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg		0.47	SW846-8270
Hexachloroethane	JUY	0.47	mg/kg		0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.47	mg/kg		0.47	SW846-8270
Isophorone	JU	0.47	mg/kg		0.47	SW846-8270
Naphthalene	JU	0.47	mg/kg		0.47	SW846-8270
Nitrobenzene	JU	0.47	mg/kg		0.47	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.47	mg/kg		0.47	SW846-8270
N-Nitrosodiphenylamine	JU	0.47	mg/kg		0.47	SW846-8270
Pentachlorophenol	JU	0.47	mg/kg		0.47	SW846-8270

SYD010

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	JU	0.47 mg/kg	0.47	SW846-8270
Phenol	JU	0.47 mg/kg	0.47	SW846-8270
Pyrene	JU	0.47 mg/kg	0.47	SW846-8270
Pyridine	JU	0.47 mg/kg	0.47	SW846-8270
VOA				
1,1,1-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,1-Dichloroethene	UY	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloroethane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dichloropropane	U	0.01 mg/kg	0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
2-Butanone	UY	0.01 mg/kg	0.01	SW846-8260
2-Hexanone	U	0.01 mg/kg	0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01 mg/kg	0.01	SW846-8260
Acetone	U	0.01 mg/kg	0.01	SW846-8260
Benzene	U	0.01 mg/kg	0.01	SW846-8260
Bromodichloromethane	U	0.01 mg/kg	0.01	SW846-8260
Bromoform	U	0.01 mg/kg	0.01	SW846-8260
Bromomethane	U	0.01 mg/kg	0.01	SW846-8260
Carbon disulfide	U	0.01 mg/kg	0.01	SW846-8260
Carbon tetrachloride	UY	0.01 mg/kg	0.01	SW846-8260
Chlorobenzene	U	0.01 mg/kg	0.01	SW846-8260
Ethylbenzene	U	0.01 mg/kg	0.01	SW846-8260
m,p-Xylene	U	0.02 mg/kg	0.02	SW846-8260
Methylene chloride	JU	0.01 mg/kg	0.01	SW846-8260
Styrene	U	0.01 mg/kg	0.01	SW846-8260
Tetrachloroethene	UY	0.01 mg/kg	0.01	SW846-8260
Toluene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01 mg/kg	0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01 mg/kg	0.01	SW846-8260
Trichloroethene	U	0.01 mg/kg	0.01	SW846-8260

SYD011

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-163

Collected: 10/30/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
METAL						
Aluminum	N	7480	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	66.4	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	3100	mg/kg		200	SW846-6010A
Chromium		8.82	mg/kg		2.5	SW846-6010A
Cobalt		3.69	mg/kg		2.5	SW846-6010A
Copper		6.93	mg/kg		2.5	SW846-6010A
Iron	*NW	8420	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		808	mg/kg		15	SW846-6010A
Manganese	*N	135	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.4	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		15.8	mg/kg		2.5	SW846-6010A
Zinc		24.1	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0613	pCi/g	0.0121	0.0235	RL-7124
Americium-241	U	-0.0023	pCi/g	0.0046	0.0774	RL-7124
Cesium-134	U	-0.0004	pCi/g	0.0007	0.0131	RL-7124
Cesium-137		0.0187	pCi/g	0.0113	0.0161	RL-7124
Cobalt-60	U	-0.0087	pCi/g	0.0175	0.0131	RL-7124
Neptunium-237	U	0.00966	pCi/g	0.0193	0.0311	RL-7124
Plutonium-238	U	-0.0314	pCi/g	0.0254	0.212	RL-7120
Plutonium-239/240	U	-4E-05	pCi/g	0.0119	0.0448	RL-7120
Technetium-99	U	1.31	pCi/g	1.82	2.64	RL-7116
Thorium-228		0.329	pCi/g	0.0625	0.0685	RL-7120
Thorium-230		0.338	pCi/g	0.0638	0.19	RL-7120
Thorium-232		0.326	pCi/g	0.0626	0.0478	RL-7120
Uranium	U	2.55	pCi/g	1.44	1.02	RL-7124
Uranium-234	U	1.25	pCi/g	2.21	0.499	RL-7124

SYD011

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.76	wt %	0.638		RL-7124
Uranium-238		1.25	pCi/g	0.66	0.499	RL-7124
SVOA						
1,2,4-Trichlorobenzene	JU	0.98	mg/kg	0	0.98	SW846-8270
1,2-Dichlorobenzene	JU	0.98	mg/kg	0	0.98	SW846-8270
1,3-Dichlorobenzene	JU	0.98	mg/kg	0	0.98	SW846-8270
1,4-Dichlorobenzene	JU	0.98	mg/kg	0	0.98	SW846-8270
2,4,5-Trichlorophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2,4,6-Trichlorophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2,4-Dichlorophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2,4-Dimethylphenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2,4-Dinitrophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2,4-Dinitrotoluene	JU	0.98	mg/kg	0	0.98	SW846-8270
2,6-Dinitrotoluene	JU	0.98	mg/kg	0	0.98	SW846-8270
2-Chloronaphthalene	JU	0.98	mg/kg	0	0.98	SW846-8270
2-Chlorophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2-Methylnaphthalene	DJ	7.3	mg/kg	0	0.98	SW846-8270
2-Methylphenol	JU	0.98	mg/kg	0	0.98	SW846-8270
2-Nitrobenzenamine	JU	0.98	mg/kg	0	0.98	SW846-8270
2-Nitrophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
3,3'-Dichlorobenzidine	JU	0.98	mg/kg	0	0.98	SW846-8270
3-Nitrobenzenamine	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Bromophenyl phenyl ether	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Chloro-3-methylphenol	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Chlorobenzenamine	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Methylphenol	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Nitrobenzenamine	JU	0.98	mg/kg	0	0.98	SW846-8270
4-Nitrophenol	JU	0.98	mg/kg	0	0.98	SW846-8270
Acenaphthene	DJ	32	mg/kg	0	0.98	SW846-8270
Acenaphthylene	JU	0.98	mg/kg	0	0.98	SW846-8270
Anthracene	EJX	20	mg/kg		20	SW846-8270
Benz(a)anthracene	DEJ	130	mg/kg	0	0.98	SW846-8270
Benzo(a)pyrene	DEJ	71	mg/kg	0	0.98	SW846-8270
Benzo(b)fluoranthene	DEJ	100	mg/kg	0	0.98	SW846-8270
Benzo(ghi)perylene	DJ	16	mg/kg	0	0.98	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.98	mg/kg	0	0.98	SW846-8270
Bis(2-chloroethyl) ether	JU	0.98	mg/kg	0	0.98	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.98	mg/kg	0	0.98	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.98	mg/kg	0	0.98	SW846-8270
Butyl benzyl phthalate	JU	0.98	mg/kg	0	0.98	SW846-8270
Carbazole	DEJ	71	mg/kg	0	0.98	SW846-8270
Chrysene	DJ	15	mg/kg	0	0.98	SW846-8270
Di-n-octylphthalate	JU	0.98	mg/kg	0	0.98	SW846-8270
Fluorene	DJ	28	mg/kg	0	0.98	SW846-8270
Hexachlorocyclopentadiene	JU	0.98	mg/kg	0	0.98	SW846-8270
Hexachloroethane	JU	0.98	mg/kg	0	0.98	SW846-8270
Indeno(1,2,3-cd)pyrene	DJ	22	mg/kg	0	0.98	SW846-8270
Isophorone	JU	0.98	mg/kg	0	0.98	SW846-8270
Naphthalene	DJ	16	mg/kg	0	0.98	SW846-8270
Nitrobenzene	JU	0.98	mg/kg	0	0.98	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.98	mg/kg	0	0.98	SW846-8270
N-Nitrosodiphenylamine	JU	0.98	mg/kg	0	0.98	SW846-8270
Pentachlorophenol	JU	0.98	mg/kg	0	0.98	SW846-8270

SYD011

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	EJX	20	mg/kg		20	SW846-8270
Phenol	JU	0.98	mg/kg	0	0.98	SW846-8270
Pyrene	DEJ	110	mg/kg	0	0.98	SW846-8270
Pyridine	JU	0.98	mg/kg	0	0.98	SW846-8270
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260

SYD011

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-163D

Collected: 10/30/2001

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	5530	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	66.7	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	5790	mg/kg		200	SW846-6010A
Chromium		7.09	mg/kg		2.5	SW846-6010A
Cobalt		3.59	mg/kg		2.5	SW846-6010A
Copper		6.91	mg/kg		2.5	SW846-6010A
Iron	*NW	7440	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		842	mg/kg		15	SW846-6010A
Manganese	*N	276	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.8	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		12.9	mg/kg		2.5	SW846-6010A
Zinc		26.9	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0587	pCi/g	0.0163	0.0289	RL-7124
Americium-241	U	0.00705	pCi/g	0.0141	0.0865	RL-7124
Cesium-134	U	-0.0015	pCi/g	0.003	0.0152	RL-7124
Cesium-137		0.0419	pCi/g	0.015	0.0169	RL-7124
Cobalt-60	U	0.0047	pCi/g	0.0094	0.0165	RL-7124
Neptunium-237	U	0.0281	pCi/g	0.0563	0.0356	RL-7124
Plutonium-238	U	-0.0042	pCi/g	0.0292	0.212	RL-7120
Plutonium-239/240	U	0.00584	pCi/g	0.0147	0.045	RL-7120
Technetium-99	U	0.995	pCi/g	1.8	2.64	RL-7116
Thorium-228		0.305	pCi/g	0.0581	0.0646	RL-7120
Thorium-230		0.5	pCi/g	0.0735	0.19	RL-7120
Thorium-232		0.363	pCi/g	0.0627	0.0479	RL-7120
Uranium	U	2.62	pCi/g	0.875	0.924	RL-7124
Uranium-234	U	1.13	pCi/g	1.93	0.396	RL-7124

SYD011

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.635	wt %	0.534		RL-7124
Uranium-238		1.43	pCi/g	0.267	0.499	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene		0.78	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	U	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene		7.1	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	E	11	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	E	23	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	EJ	22	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	EJ	37	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	J	5.2	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole		9.2	mg/kg	0	0.49	SW846-8270
Chrysene	E	19	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene		6.2	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	J	6.8	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene		0.68	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYD011

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	EX	9.7	mg/kg		0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	E	33	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260

SYD012

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-164

Collected: 10/30/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	4830	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	44.9	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	42700	mg/kg		200	SW846-6010A
Chromium		7.29	mg/kg		2.5	SW846-6010A
Cobalt	U	2.5	mg/kg		2.5	SW846-6010A
Copper		10.1	mg/kg		2.5	SW846-6010A
Iron	*NW	8340	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		2590	mg/kg		15	SW846-6010A
Manganese	*N	137	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		9.72	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	UWX	200	mg/kg		200	SW846-6010A
Vanadium		14.7	mg/kg		2.5	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0666	pCi/g	0.0145	0.0277	RL-7124
Americium-241	U	0.0337	pCi/g	0.0674	0.0858	RL-7124
Cesium-134	U	-0.0057	pCi/g	0.0114	0.0136	RL-7124
Cesium-137		0.0713	pCi/g	0.0151	0.0153	RL-7124
Cobalt-60	U	-0.0014	pCi/g	0.0027	0.0169	RL-7124
Neptunium-237	U	0.0555	pCi/g	0.111	0.0399	RL-7124
Plutonium-238	U	-0.0296	pCi/g	0.0248	0.212	RL-7120
Plutonium-239/240	U	0.00523	pCi/g	0.0143	0.0439	RL-7120
Technetium-99		7.85	pCi/g	2.08	2.64	RL-7116
Thorium-228		0.336	pCi/g	0.0653	0.068	RL-7120
Thorium-230		0.728	pCi/g	0.0952	0.191	RL-7120
Thorium-232		0.32	pCi/g	0.0642	0.0484	RL-7120
Uranium	U	3.01	pCi/g	1.46	0.994	RL-7124
Uranium-234	U	1.27	pCi/g	2.21	0.415	RL-7124

SYD012

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.613	wt %	0.515		RL-7124
Uranium-238		1.68	pCi/g	0.726	0.551	RL-7124
SVOA						
1,2,4-Trichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	J	0.75	mg/kg	0	0.49	SW846-8270
Acenaphthylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	J	0.84	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	J	3.1	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	J	2.8	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	J	3.9	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	J	0.76	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	JU	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	JUX	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	J	3.5	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	JU	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	J	0.59	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	JU	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	J	1	mg/kg	0	0.49	SW846-8270
Isophorone	JU	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	JU	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	JU	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	JU	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270

SYD012

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	J	5.2	mg/kg	0	0.49	SW846-8270
Phenol	JU	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	J	6.4	mg/kg	0	0.49	SW846-8270
Pyridine	JU	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260

SYD013

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

WC01-165

Collected: 10/29/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	N	6780	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	U	5	mg/kg		5	SW846-7060
Barium	*N	70.4	mg/kg		5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	JNW	73500	mg/kg		200	SW846-6010A
Chromium		7.38	mg/kg		2.5	SW846-6010A
Cobalt	U	2.5	mg/kg		2.5	SW846-6010A
Copper		6.53	mg/kg		2.5	SW846-6010A
Iron	*NW	6080	mg/kg		20	SW846-6010A
Lead	NU	20	mg/kg		20	SW846-6010A
Lithium	U	10	mg/kg		10	SW846-6010A
Magnesium		2720	mg/kg		15	SW846-6010A
Manganese	*N	221	mg/kg		10	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel		10.6	mg/kg		5	SW846-6010A
Selenium	W	1.37	mg/kg		1	SW846-7740
Silver	U	4	mg/kg		4	SW846-6010A
Thallium	NU	20	mg/kg		20	SW846-6010A
Tin	U	100	mg/kg		100	SW846-6010A
Uranium	JUX	200	mg/kg		200	SW846-6010A
Vanadium		10.4	mg/kg		2.5	SW846-6010A
Zinc	U	20	mg/kg		20	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.029	pCi/g	0.0104	0.0269	RL-7124
Americium-241	U	0.0322	pCi/g	0.0644	0.0799	RL-7124
Cesium-134	U	0.00276	pCi/g	0.0055	0.0147	RL-7124
Cesium-137		0.0209	pCi/g	0.0124	0.0168	RL-7124
Cobalt-60	U	0.00215	pCi/g	0.0043	0.0156	RL-7124
Neptunium-237	U	0.0198	pCi/g	0.0396	0.0357	RL-7124
Plutonium-238	U	0.00345	pCi/g	0.0282	0.211	RL-7120
Plutonium-239/240	U	-0.0102	pCi/g	0.0074	0.0423	RL-7120
Technetium-99	U	1.51	pCi/g	1.82	2.64	RL-7116
Thorium-228		0.363	pCi/g	0.0597	0.0644	RL-7120
Thorium-230		0.541	pCi/g	0.0731	0.19	RL-7120
Thorium-232		0.341	pCi/g	0.0575	0.0444	RL-7120
Uranium	U	1.43	pCi/g	0.65	0.786	RL-7124
Uranium-234	U	0.509	pCi/g	0.887	0.277	RL-7124

SYD013

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Uranium-235		0.503	wt %	0.422		RL-7124
Uranium-238		0.892	pCi/g	0.248	0.483	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	U	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	U	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	U	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	U	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	U	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	U	0.47	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	U	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	U	0.47	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	U	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	U	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	U	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Isophorone	U	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	U	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitroso-di-n-propylamine	U	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	U	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	U	0.47	mg/kg	0	0.47	SW846-8270

SYD013

SY01-DCH

Characterization of Drainage Ditches SY01-DCH

Phenanthrene	U	0.47	mg/kg	0	0.47	SW846-8270
Phenol	U	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	U	0.47	mg/kg	0	0.47	SW846-8270
Pyridine	U	0.47	mg/kg	0	0.47	SW846-8270
VOA						
1,1,1-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	JU	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
2-Butanone	JUY	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	JU	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	JU	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	JU	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	JU	0.01	mg/kg		0.01	SW846-8260
Bromoform	JU	0.01	mg/kg		0.01	SW846-8260
Bromomethane	JU	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	JU	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	JU	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	JU	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	JU	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	JU	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	JU	0.01	mg/kg		0.01	SW846-8260
Styrene	JU	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	JU	0.01	mg/kg		0.01	SW846-8260
Toluene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	JU	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	JU	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	JU	0.01	mg/kg		0.01	SW846-8260

SYDR01

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-338

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	JUY	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	J	0.49	mg/kg	0	0.47	SW846-8270
Acenaphthylene	JU	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	J	0.55	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	J	2	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	J	1.6	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	J	2	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	J	1.3	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	JU	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	J	2.4	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	JUX	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	JU	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	J	1.3	mg/kg	0	0.47	SW846-8270
Isophorone	JU	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR01**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	J	3.2	mg/kg	0	0.47	SW846-8270
Phenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	J	3.8	mg/kg	0	0.47	SW846-8270
Pyridine	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR01

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-338D

Collected: 12/28/2001

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	JUY	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	JU	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	JUX	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	JUX	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	J	1.2	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	J	0.95	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	J	1	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	J	0.64	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	JU	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	JU	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	J	1.4	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	JU	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	JUX	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	JU	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.72	mg/kg	0	0.49	SW846-8270
Isophorone	JU	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	JU	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	JU	0.49	mg/kg	0	0.49	SW846-8270

SYDR01

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

N-Nitroso-di-n-propylamine	JU	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	JU	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene	J	1.8	mg/kg	0	0.49	SW846-8270
Phenol	JU	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	J	2.3	mg/kg	0	0.49	SW846-8270
Pyridine	JU	0.49	mg/kg	0	0.49	SW846-8270

SYDR02

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-339

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	JUY	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	JUX	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthylene	JU	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	JUX	0.47	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	J	1	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	J	0.77	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	J	0.92	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	J	0.57	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	JU	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	J	1.3	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	JU	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.62	mg/kg	0	0.47	SW846-8270
Isophorone	JU	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR02**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	J	1.4	mg/kg	0	0.47	SW846-8270
Phenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	J	2	mg/kg	0	0.47	SW846-8270
Pyridine	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR03

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-340

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	JU	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	JUX	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	JUY	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	J	3.6	mg/kg	0	0.46	SW846-8270
Acenaphthylene	JU	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	J	4.2	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	EJ	11	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	J	8.7	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	EJ	16	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	J	4.2	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	J	4	mg/kg	0	0.46	SW846-8270
Chrysene	EJ	11	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	JU	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	J	3.4	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	JU	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	J	5.2	mg/kg	0	0.46	SW846-8270
Isophorone	JU	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	JUX	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270

SYDR03**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	JU	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene	EJ	9.2	mg/kg	0	0.46	SW846-8270
Phenol	JU	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	EJ	17	mg/kg	0	0.46	SW846-8270
Pyridine	JU	0.46	mg/kg	0	0.46	SW846-8270

SYDR04

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-341

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	JU	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	JUY	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	JU	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	J	0.87	mg/kg	0	0.46	SW846-8270
Acenaphthylene	JU	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	J	1.1	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	J	4.2	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	J	3.7	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	J	5.1	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	J	1.7	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	JU	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	J	0.59	mg/kg	0	0.46	SW846-8270
Chrysene	J	4.9	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	JU	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	J	0.66	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	JU	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	J	2.1	mg/kg	0	0.46	SW846-8270
Isophorone	JU	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	JU	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	JU	0.46	mg/kg	0	0.46	SW846-8270

SYDR04**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	JU	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
Phenanthrene	J	7	mg/kg	0	0.46	SW846-8270
Phenol	JU	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	J	7.5	mg/kg	0	0.46	SW846-8270
Pyridine	JU	0.46	mg/kg	0	0.46	SW846-8270

SYDR05

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-342

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrotoluene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,6-Dinitrotoluene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chloronaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	JUY	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Acenaphthene	J	0.81	mg/kg	0	0.47	SW846-8270
Acenaphthylene	JU	0.47	mg/kg	0	0.47	SW846-8270
Anthracene	J	1	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	J	4	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	J	3.5	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	J	4.7	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	J	1.6	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Butyl benzyl phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	J	0.55	mg/kg	0	0.47	SW846-8270
Chrysene	J	4.7	mg/kg	0	0.47	SW846-8270
Di-n-octylphthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	J	0.59	mg/kg	0	0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	JU	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	J	1.9	mg/kg	0	0.47	SW846-8270
Isophorone	JU	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR05**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	J	6.6	mg/kg	0	0.47	SW846-8270
Phenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	J	7.2	mg/kg	0	0.47	SW846-8270
Pyridine	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR06

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-343

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,2-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,3-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
1,4-Dichlorobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,5-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4,6-Trichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dichlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dimethylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2,4-Dinitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
2,4-Dinitrotoluene	JU	0.47	mg/kg		0.47	SW846-8270
2,6-Dinitrotoluene	JU	0.47	mg/kg		0.47	SW846-8270
2-Chloronaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Chlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylnaphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Methylphenol	JUY	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
2-Nitrophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
3,3'-Dichlorobenzidine	JU	0.47	mg/kg	0	0.47	SW846-8270
3-Nitrobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Bromophenyl phenyl ether	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chloro-3-methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorobenzenamine	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.47	mg/kg		0.47	SW846-8270
4-Methylphenol	JU	0.47	mg/kg	0	0.47	SW846-8270
4-Nitrobenzenamine	JU	0.47	mg/kg		0.47	SW846-8270
4-Nitrophenol	JU	0.47	mg/kg		0.47	SW846-8270
Acenaphthene	J	0.6	mg/kg		0.47	SW846-8270
Acenaphthylene	JU	0.47	mg/kg		0.47	SW846-8270
Anthracene	J	0.71	mg/kg	0	0.47	SW846-8270
Benz(a)anthracene	J	2.5	mg/kg	0	0.47	SW846-8270
Benzo(a)pyrene	J	2.1	mg/kg	0	0.47	SW846-8270
Benzo(b)fluoranthene	J	2.7	mg/kg	0	0.47	SW846-8270
Benzo(ghi)perylene	J	0.9	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroethyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.47	mg/kg	0	0.47	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.47	mg/kg		0.47	SW846-8270
Butyl benzyl phthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Carbazole	JUX	0.47	mg/kg	0	0.47	SW846-8270
Chrysene	J	2.9	mg/kg		0.47	SW846-8270
Di-n-octylphthalate	JU	0.47	mg/kg	0	0.47	SW846-8270
Fluorene	JUX	0.47	mg/kg		0.47	SW846-8270
Hexachlorocyclopentadiene	JU	0.47	mg/kg	0	0.47	SW846-8270
Hexachloroethane	JU	0.47	mg/kg	0	0.47	SW846-8270
Indeno(1,2,3-cd)pyrene	J	1.1	mg/kg	0	0.47	SW846-8270
Isophorone	JU	0.47	mg/kg	0	0.47	SW846-8270
Naphthalene	JU	0.47	mg/kg	0	0.47	SW846-8270
Nitrobenzene	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR06**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
N-Nitrosodiphenylamine	JU	0.47	mg/kg	0	0.47	SW846-8270
Pentachlorophenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Phenanthrene	J	4.4	mg/kg		0.47	SW846-8270
Phenol	JU	0.47	mg/kg	0	0.47	SW846-8270
Pyrene	J	4.7	mg/kg	0	0.47	SW846-8270
Pyridine	JU	0.47	mg/kg	0	0.47	SW846-8270

SYDR07

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-344

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	JU	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	JUY	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	JU	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	J	1.6	mg/kg	0	0.48	SW846-8270
Acenaphthylene	JU	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	J	1.7	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	J	5.8	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	J	5	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	J	7.9	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	J	2	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	J	1.3	mg/kg	0	0.48	SW846-8270
Chrysene	J	6.9	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	J	1.2	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	JU	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	J	2.5	mg/kg	0	0.48	SW846-8270
Isophorone	JU	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270

SYDR07**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	JU	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	EJ	15	mg/kg	0	0.48	SW846-8270
Phenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	EJ	10	mg/kg	0	0.48	SW846-8270
Pyridine	JU	0.48	mg/kg	0	0.48	SW846-8270

SYDR08

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-345

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	JU	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	JUY	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	JU	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	JU	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	JU	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	JU	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	JU	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	JU	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	JU	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270

SYDR08**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	JU	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	JU	0.48	mg/kg	0	0.48	SW846-8270
Phenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	J	0.53	mg/kg	0	0.48	SW846-8270
Pyridine	JU	0.48	mg/kg	0	0.48	SW846-8270

SYDR09

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-346

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.5	mg/kg	0	0.5	SW846-8270
1,2-Dichlorobenzene	JU	0.5	mg/kg	0	0.5	SW846-8270
1,3-Dichlorobenzene	JU	0.5	mg/kg	0	0.5	SW846-8270
1,4-Dichlorobenzene	JU	0.5	mg/kg	0	0.5	SW846-8270
2,4,5-Trichlorophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2,4,6-Trichlorophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dichlorophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dimethylphenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2,4-Dinitrotoluene	JU	0.5	mg/kg	0	0.5	SW846-8270
2,6-Dinitrotoluene	JU	0.5	mg/kg	0	0.5	SW846-8270
2-Chloronaphthalene	JU	0.5	mg/kg	0	0.5	SW846-8270
2-Chlorophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
2-Methylnaphthalene	JU	0.5	mg/kg	0	0.5	SW846-8270
2-Methylphenol	JUY	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrobenzenamine	JU	0.5	mg/kg	0	0.5	SW846-8270
2-Nitrophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
3,3'-Dichlorobenzidine	JU	0.5	mg/kg	0	0.5	SW846-8270
3-Nitrobenzenamine	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Bromophenyl phenyl ether	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Chloro-3-methylphenol	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorobenzenamine	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Methylphenol	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrobenzenamine	JU	0.5	mg/kg	0	0.5	SW846-8270
4-Nitrophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthene	JU	0.5	mg/kg	0	0.5	SW846-8270
Acenaphthylene	JU	0.5	mg/kg	0	0.5	SW846-8270
Anthracene	JUX	0.5	mg/kg	0	0.5	SW846-8270
Benz(a)anthracene	J	1.2	mg/kg	0	0.5	SW846-8270
Benzo(a)pyrene	J	1	mg/kg	0	0.5	SW846-8270
Benzo(b)fluoranthene	J	1.8	mg/kg	0	0.5	SW846-8270
Benzo(ghi)perylene	J	0.8	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroethyl) ether	JU	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.5	mg/kg	0	0.5	SW846-8270
Bis(2-ethylhexyl)phthalate	JUX	0.5	mg/kg	0	0.5	SW846-8270
Butyl benzyl phthalate	JU	0.5	mg/kg	0	0.5	SW846-8270
Carbazole	JU	0.5	mg/kg	0	0.5	SW846-8270
Chrysene	J	2	mg/kg	0	0.5	SW846-8270
Di-n-octylphthalate	JU	0.5	mg/kg	0	0.5	SW846-8270
Fluorene	JU	0.5	mg/kg	0	0.5	SW846-8270
Hexachlorocyclopentadiene	JU	0.5	mg/kg	0	0.5	SW846-8270
Hexachloroethane	JU	0.5	mg/kg	0	0.5	SW846-8270
Indeno(1,2,3-cd)pyrene	J	0.91	mg/kg	0	0.5	SW846-8270
Isophorone	JU	0.5	mg/kg	0	0.5	SW846-8270
Naphthalene	JU	0.5	mg/kg	0	0.5	SW846-8270
Nitrobenzene	JU	0.5	mg/kg	0	0.5	SW846-8270

SYDR09**SY01-DCH-R****Characterization of Drainage Ditches - Resample SY01-DCH-R**

N-Nitroso-di-n-propylamine	JU	0.5	mg/kg	0	0.5	SW846-8270
N-Nitrosodiphenylamine	JU	0.5	mg/kg	0	0.5	SW846-8270
Pentachlorophenol	JU	0.5	mg/kg	0	0.5	SW846-8270
Phenanthrene	J	0.61	mg/kg	0	0.5	SW846-8270
Phenol	JU	0.5	mg/kg	0	0.5	SW846-8270
Pyrene	J	2.4	mg/kg	0	0.5	SW846-8270
Pyridine	JU	0.5	mg/kg	0	0.5	SW846-8270

SYDR10

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

WC01-347

Collected: 12/28/2001

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
SVOA						
1,2,4-Trichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,2-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,3-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
1,4-Dichlorobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4,5-Trichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4,6-Trichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dichlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dimethylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2,4-Dinitrotoluene	JU	0.48	mg/kg	0	0.48	SW846-8270
2,6-Dinitrotoluene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Chloronaphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Chlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methylnaphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Methylphenol	JUY	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
2-Nitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
3,3'-Dichlorobenzidine	JU	0.48	mg/kg	0	0.48	SW846-8270
3-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Bromophenyl phenyl ether	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chloro-3-methylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Chlorophenyl phenyl ether	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Methylphenol	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrobenzenamine	JU	0.48	mg/kg	0	0.48	SW846-8270
4-Nitrophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthene	JU	0.48	mg/kg	0	0.48	SW846-8270
Acenaphthylene	JU	0.48	mg/kg	0	0.48	SW846-8270
Anthracene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Benz(a)anthracene	J	1.1	mg/kg	0	0.48	SW846-8270
Benzo(a)pyrene	J	0.65	mg/kg	0	0.48	SW846-8270
Benzo(b)fluoranthene	J	0.8	mg/kg	0	0.48	SW846-8270
Benzo(ghi)perylene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethoxy)methane	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroethyl) ether	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-chloroisopropyl) ether	JU	0.48	mg/kg	0	0.48	SW846-8270
Bis(2-ethylhexyl)phthalate	JUX	0.48	mg/kg	0	0.48	SW846-8270
Butyl benzyl phthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Carbazole	JU	0.48	mg/kg	0	0.48	SW846-8270
Chrysene	J	1.4	mg/kg	0	0.48	SW846-8270
Di-n-octylphthalate	JU	0.48	mg/kg	0	0.48	SW846-8270
Fluorene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Hexachlorocyclopentadiene	JU	0.48	mg/kg	0	0.48	SW846-8270
Hexachloroethane	JU	0.48	mg/kg	0	0.48	SW846-8270
Indeno(1,2,3-cd)pyrene	JUX	0.48	mg/kg	0	0.48	SW846-8270
Isophorone	JU	0.48	mg/kg	0	0.48	SW846-8270
Naphthalene	JU	0.48	mg/kg	0	0.48	SW846-8270
Nitrobenzene	JU	0.48	mg/kg	0	0.48	SW846-8270

SYDR10

SY01-DCH-R

Characterization of Drainage Ditches - Resample SY01-DCH-R

N-Nitroso-di-n-propylamine	JU	0.48	mg/kg	0	0.48	SW846-8270
N-Nitrosodiphenylamine	JU	0.48	mg/kg	0	0.48	SW846-8270
Pentachlorophenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Phenanthrene	J	1.9	mg/kg	0	0.48	SW846-8270
Phenol	JU	0.48	mg/kg	0	0.48	SW846-8270
Pyrene	J	1.7	mg/kg	0	0.48	SW846-8270
Pyridine	JU	0.48	mg/kg	0	0.48	SW846-8270

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

WC02-259

Collected: 5/29/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	7230	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	NUW	5	mg/kg		5	SW846-7060
Barium	N	68.9	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	54400	mg/kg		2000	SW846-6010A
Chromium		7.22	mg/kg		2.5	SW846-6010A
Cobalt		3.66	mg/kg		2.5	SW846-6010A
Copper		8.01	mg/kg		2.5	SW846-6010A
Iron	*NW	8340	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		6.53	mg/kg		5	SW846-6010A
Magnesium	*NW	2570	mg/kg		2.5	SW846-6010A
Manganese	*N	285	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	N	8.53	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		16.7	mg/kg		2.5	SW846-6010A
Zinc	*N	25.6	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235	J	0.075	pCi/g	0.0209	0.0356	RL-7124
Americium-241	JU	0.0594	pCi/g	0.119	0.11	RL-7124
Cesium-134	JU	-0.0045	pCi/g	0.0091	0.0171	RL-7124
Cesium-137	J	0.0523	pCi/g	0.0167	0.0215	RL-7124
Cobalt-60	JU	-0.0025	pCi/g	0.0049	0.0173	RL-7124
Neptunium-237	JU	0.0218	pCi/g	0.0436	0.042	RL-7124
Plutonium-238	U	-0.0212	pCi/g	0.0284	0.275	RL-7120
Plutonium-239/240	U	0.00771	pCi/g	0.014	0.0691	RL-7120
Technetium-99	U	3.5	pCi/g	2.91	4.11	RL-7116
Thorium-228		0.393	pCi/g	0.0558	0.0837	RL-7120
Thorium-230		0.439	pCi/g	0.0607	0.199	RL-7120
Thorium-232		0.457	pCi/g	0.0596	0.118	RL-7120
Uranium	JU	2.35	pCi/g	1.96	1.59	RL-7124
Uranium-234	JU	1.35	pCi/g	2.53	0.92	RL-7124

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Uranium-235	J	1.24	wt %	1.04		RL-7124
Uranium-238	J	0.927	pCi/g	0.729	0.634	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	JUY	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	JU	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

SYD-SOILPILES**SY02-747BSP****Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI**

Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJUX	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

WC02-260

Collected: 5/29/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8000	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	NUW	5	mg/kg		5	SW846-7060
Barium	N	82.7	mg/kg		2.5	SW846-6010A
Beryllium		0.538	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	17800	mg/kg		200	SW846-6010A
Chromium		9.68	mg/kg		2.5	SW846-6010A
Cobalt		4.37	mg/kg		2.5	SW846-6010A
Copper		8.54	mg/kg		2.5	SW846-6010A
Iron	*NW	11500	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		6.86	mg/kg		5	SW846-6010A
Magnesium	*NW	2020	mg/kg		2.5	SW846-6010A
Manganese	*N	455	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	N	6.93	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	X	114	mg/kg		100	SW846-6010A
Vanadium		21.1	mg/kg		2.5	SW846-6010A
Zinc	*N	24.9	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235	J	0.0382	pCi/g	0.0131	0.0356	RL-7124
Americium-241	JU	-0.0211	pCi/g	0.0421	0.128	RL-7124
Cesium-134	JU	-0.0054	pCi/g	0.0107	0.0193	RL-7124
Cesium-137	JU	-0.0066	pCi/g	0.0131	0.0256	RL-7124
Cobalt-60	JU	0.00317	pCi/g	0.0064	0.0217	RL-7124
Neptunium-237	JU	0.025	pCi/g	0.05	0.0483	RL-7124
Plutonium-238	U	-0.0278	pCi/g	0.0264	0.275	RL-7120
Plutonium-239/240	U	-0.0082	pCi/g	0.0079	0.0685	RL-7120
Technetium-99	U	3.85	pCi/g	2.91	4.11	RL-7116
Thorium-228		0.223	pCi/g	0.0404	0.093	RL-7120
Thorium-230		0.316	pCi/g	0.0488	0.301	RL-7120
Thorium-232		0.21	pCi/g	0.0398	0.198	RL-7120
Uranium	JU	1.75	pCi/g	0.832	0.398	RL-7124
Uranium-234	JU	0.565	pCi/g	0.985	0.121	RL-7124

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Uranium-235	J	0.517	wt %	0.433		RL-7124
Uranium-238	J	1.14	pCi/g	0.378	0.241	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	JUY	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYD-SOILPILES**SY02-747BSP****Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI**

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJUX	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

WC02-261

Collected: 5/30/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	5290	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	NW	6.38	mg/kg		5	SW846-7060
Barium	N	48.3	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	146000	mg/kg		200	SW846-6010A
Chromium		4.46	mg/kg		2.5	SW846-6010A
Cobalt		3.39	mg/kg		2.5	SW846-6010A
Copper		7.94	mg/kg		2.5	SW846-6010A
Iron	*NW	6700	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		5.53	mg/kg		5	SW846-6010A
Magnesium	*NW	3340	mg/kg		2.5	SW846-6010A
Manganese	*N	325	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	N	6.6	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	1000	mg/kg		1000	SW846-6010A
Uranium	UX	1000	mg/kg		1000	SW846-6010A
Vanadium		14.1	mg/kg		2.5	SW846-6010A
Zinc	*N	19.4	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0367	pCi/g	0.0123	0.0304	RL-7124
Americium-241	U	0.0518	pCi/g	0.104	0.104	RL-7124
Cesium-134	U	0.00302	pCi/g	0.0060	0.0177	RL-7124
Cesium-137		0.0224	pCi/g	0.0137	0.0186	RL-7124
Cobalt-60	U	0.0052	pCi/g	0.0104	0.0215	RL-7124
Neptunium-237	U	-0.0124	pCi/g	0.0247	0.0387	RL-7124
Plutonium-238	U	-0.0136	pCi/g	0.0296	0.272	RL-7120
Plutonium-239/240	U	0.0074	pCi/g	0.015	0.0717	RL-7120
Technetium-99	U	1.68	pCi/g	1.78	2.57	RL-7116
Thorium-228		0.305	pCi/g	0.0464	0.0703	RL-7120
Thorium-230		0.301	pCi/g	0.0475	0.172	RL-7120
Thorium-232		0.332	pCi/g	0.048	0.0516	RL-7120
Uranium	JU	1.38	pCi/g	1.48	1.12	RL-7124
Uranium-234	JU	0.593	pCi/g	1.18	0.484	RL-7124

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Uranium-235		0.758	wt %	0.636		RL-7124
Uranium-235		0.674	wt %	0.05		ST7106
Uranium-238	JU	0.748	pCi/g	0.764	0.61	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	JUY	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270

SYD-SOILPILES**SY02-747BSP****Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI**

Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJUX	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

WC02-262

Collected: 5/30/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	6820	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	NUW	5	mg/kg		5	SW846-7060
Barium	N	69.6	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	7710	mg/kg		200	SW846-6010A
Chromium		9.02	mg/kg		2.5	SW846-6010A
Cobalt		3.36	mg/kg		2.5	SW846-6010A
Copper		8.16	mg/kg		2.5	SW846-6010A
Iron	*NW	9310	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		5.66	mg/kg		5	SW846-6010A
Magnesium	*NW	998	mg/kg		2.5	SW846-6010A
Manganese	*N	236	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	N	6.33	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		20.5	mg/kg		2.5	SW846-6010A
Zinc	*N	24.1	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.033	pCi/g	0.0102	0.0267	RL-7124
Americium-241	U	-0.0092	pCi/g	0.0185	0.0874	RL-7124
Cesium-134	U	-0.0018	pCi/g	0.0035	0.0139	RL-7124
Cesium-137		0.0176	pCi/g	0.0113	0.0166	RL-7124
Cobalt-60	U	-0.0033	pCi/g	0.0065	0.0141	RL-7124
Neptunium-237	U	0.00473	pCi/g	0.0095	0.0322	RL-7124
Plutonium-238	U	-0.0459	pCi/g	0.0247	0.272	RL-7120
Plutonium-239/240	U	-0.0002	pCi/g	0.0121	0.0713	RL-7120
Technetium-99	U	0.828	pCi/g	1.76	2.57	RL-7116
Thorium-228		0.293	pCi/g	0.0479	0.0713	RL-7120
Thorium-230		0.357	pCi/g	0.0549	0.172	RL-7120
Thorium-232		0.382	pCi/g	0.0545	0.052	RL-7120
Uranium	JU	1.38	pCi/g	1.02	0.806	RL-7124
Uranium-234	JU	0.508	pCi/g	0.93	0.295	RL-7124

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Uranium-235		0.611	wt %	0.512		RL-7124
Uranium-238	J	0.835	pCi/g	0.561	0.485	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,2-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,3-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
1,4-Dichlorobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
2,4,5-Trichlorophenol	JUY	0.46	mg/kg	0	0.46	SW846-8270
2,4,6-Trichlorophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dichlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dimethylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrophenol	JU	0.46	mg/kg	0	0.46	SW846-8270
2,4-Dinitrotoluene	JU	0.46	mg/kg	0	0.46	SW846-8270
2,6-Dinitrotoluene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chloronaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Chlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylnaphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
2-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
2-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
3,3'-Dichlorobenzidine	JU	0.46	mg/kg	0	0.46	SW846-8270
3-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Bromophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chloro-3-methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Chlorophenyl phenyl ether	U	0.46	mg/kg	0	0.46	SW846-8270
4-Methylphenol	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrobenzenamine	U	0.46	mg/kg	0	0.46	SW846-8270
4-Nitrophenol	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthene	U	0.46	mg/kg	0	0.46	SW846-8270
Acenaphthylene	U	0.46	mg/kg	0	0.46	SW846-8270
Anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benz(a)anthracene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(a)pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(b)fluoranthene	U	0.46	mg/kg	0	0.46	SW846-8270
Benzo(ghi)perylene	JU	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethoxy)methane	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroethyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.46	mg/kg	0	0.46	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Butyl benzyl phthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Carbazole	U	0.46	mg/kg	0	0.46	SW846-8270
Chrysene	U	0.46	mg/kg	0	0.46	SW846-8270
Di-n-octylphthalate	U	0.46	mg/kg	0	0.46	SW846-8270
Fluorene	U	0.46	mg/kg	0	0.46	SW846-8270
Hexachlorocyclopentadiene	JU	0.46	mg/kg	0	0.46	SW846-8270
Hexachloroethane	U	0.46	mg/kg	0	0.46	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.46	mg/kg	0	0.46	SW846-8270
Isophorone	U	0.46	mg/kg	0	0.46	SW846-8270
Naphthalene	U	0.46	mg/kg	0	0.46	SW846-8270
Nitrobenzene	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitroso-di-n-propylamine	U	0.46	mg/kg	0	0.46	SW846-8270
N-Nitrosodiphenylamine	U	0.46	mg/kg	0	0.46	SW846-8270
Pentachlorophenol	U	0.46	mg/kg	0	0.46	SW846-8270

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Phenanthrene	U	0.46	mg/kg	0	0.46	SW846-8270
Phenol	U	0.46	mg/kg	0	0.46	SW846-8270
Pyrene	U	0.46	mg/kg	0	0.46	SW846-8270
Pyridine	U	0.46	mg/kg	0	0.46	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJUX	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

WC02-263

Collected: 5/30/2002

Media Type: SO

Sample Type: REG

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	10600	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	NUW	5	mg/kg		5	SW846-7060
Barium	N	98.4	mg/kg		2.5	SW846-6010A
Beryllium		0.505	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	6950	mg/kg		200	SW846-6010A
Chromium		12.4	mg/kg		2.5	SW846-6010A
Cobalt		4.21	mg/kg		2.5	SW846-6010A
Copper		9	mg/kg		2.5	SW846-6010A
Iron	*NW	9420	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		8.08	mg/kg		5	SW846-6010A
Magnesium	*NW	1450	mg/kg		2.5	SW846-6010A
Manganese	*N	271	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	N	7.15	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		23	mg/kg		2.5	SW846-6010A
Zinc	*N	27.9	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235		0.0411	pCi/g	0.0128	0.0288	RL-7124
Americium-241	U	0.00161	pCi/g	0.0032	0.0997	RL-7124
Cesium-134	U	0.00023	pCi/g	0.0005	0.017	RL-7124
Cesium-137		0.0295	pCi/g	0.0152	0.0206	RL-7124
Cobalt-60	U	-0.0046	pCi/g	0.0093	0.0175	RL-7124
Neptunium-237	U	0.0009	pCi/g	0.0018	0.0384	RL-7124
Plutonium-238	U	0.00758	pCi/g	0.034	0.273	RL-7120
Plutonium-239/240	U	-0.0006	pCi/g	0.0132	0.0724	RL-7120
Technetium-99	U	1.4	pCi/g	1.77	2.57	RL-7116
Thorium-228		0.406	pCi/g	0.0546	0.0698	RL-7120
Thorium-230		0.396	pCi/g	0.0561	0.172	RL-7120
Thorium-232		0.364	pCi/g	0.0524	0.0533	RL-7120
Uranium	JU	1.68	pCi/g	1.43	1.01	RL-7124
Uranium-234	JU	0.638	pCi/g	1.2	0.383	RL-7124

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Uranium-235		0.635	wt %	0.532		RL-7124
Uranium-238	J	1	pCi/g	0.794	0.6	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	JUY	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJUX	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

WC02-259D

Collected: 5/29/2002

Media Type: SO

Sample Type: FR

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting</u> <u>Error (+/-)</u>	<u>Detect</u> <u>Limit</u>	<u>Method</u>
METAL						
Aluminum	NW	8780	mg/kg		20	SW846-6010A
Antimony	NU	20	mg/kg		20	SW846-6010A
Arsenic	NUW	5	mg/kg		5	SW846-7060
Barium	N	75.9	mg/kg		2.5	SW846-6010A
Beryllium	U	0.5	mg/kg		0.5	SW846-6010A
Cadmium	U	2	mg/kg		2	SW846-6010A
Calcium	NW	3720	mg/kg		200	SW846-6010A
Chromium		10.3	mg/kg		2.5	SW846-6010A
Cobalt		2.63	mg/kg		2.5	SW846-6010A
Copper		9.02	mg/kg		2.5	SW846-6010A
Iron	*NW	10200	mg/kg		20	SW846-6010A
Lead	U	20	mg/kg		20	SW846-6010A
Lithium		6.89	mg/kg		5	SW846-6010A
Magnesium	*NW	919	mg/kg		2.5	SW846-6010A
Manganese	*N	233	mg/kg		2.5	SW846-6010A
Mercury	U	0.2	mg/kg		0.2	SW846-7471
Nickel	N	6.07	mg/kg		5	SW846-6010A
Selenium	UW	1	mg/kg		1	SW846-7740
Silver	U	2.5	mg/kg		2.5	SW846-6010A
Thallium	NUW	20	mg/kg		20	SW846-6010A
Tin	NU	100	mg/kg		100	SW846-6010A
Uranium	UX	100	mg/kg		100	SW846-6010A
Vanadium		21	mg/kg		2.5	SW846-6010A
Zinc	*N	25.6	mg/kg		10	SW846-6010A
PCCB						
PCB-1016	U	0.06	mg/kg		0.06	SW846-8082
PCB-1221	U	0.1	mg/kg		0.1	SW846-8082
PCB-1232	U	0.09	mg/kg		0.09	SW846-8082
PCB-1242	U	0.07	mg/kg		0.07	SW846-8082
PCB-1248	U	0.08	mg/kg		0.08	SW846-8082
PCB-1254	U	0.06	mg/kg		0.06	SW846-8082
PCB-1260	U	0.09	mg/kg		0.09	SW846-8082
PCB-1268	U	0.1	mg/kg		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	mg/kg		0.1	SW846-8082
RADS						
Activity of U-235	J	0.0475	pCi/g	0.0125	0.0274	RL-7124
Americium-241	JU	0.0189	pCi/g	0.0379	0.0926	RL-7124
Cesium-134	JU	-0.0040	pCi/g	0.0081	0.0143	RL-7124
Cesium-137	J	0.0194	pCi/g	0.0129	0.0177	RL-7124
Cobalt-60	JU	0.00118	pCi/g	0.0024	0.0163	RL-7124
Neptunium-237	JU	0.00697	pCi/g	0.0139	0.0355	RL-7124
Plutonium-238	U	-0.0359	pCi/g	0.0253	0.275	RL-7120
Plutonium-239/240	U	-0.0028	pCi/g	0.0095	0.0687	RL-7120
Technetium-99	U	3.7	pCi/g	2.9	4.11	RL-7116
Thorium-228		0.37	pCi/g	0.051	0.0832	RL-7120
Thorium-230		0.357	pCi/g	0.0516	0.199	RL-7120
Thorium-232		0.365	pCi/g	0.0496	0.118	RL-7120
Uranium	JU	2.14	pCi/g	0.758	0.863	RL-7124
Uranium-234	JU	0.708	pCi/g	1.21	0.284	RL-7124

SYD-SOILPILES

SY02-747BSP

Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI

Uranium-235	J	0.533	wt %	0.447		RL-7124
Uranium-238	J	1.38	pCi/g	0.33	0.552	RL-7124
SVOA						
1,2,4-Trichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,2-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,3-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
1,4-Dichlorobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
2,4,5-Trichlorophenol	JUY	0.49	mg/kg	0	0.49	SW846-8270
2,4,6-Trichlorophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dichlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dimethylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrophenol	JU	0.49	mg/kg	0	0.49	SW846-8270
2,4-Dinitrotoluene	JU	0.49	mg/kg	0	0.49	SW846-8270
2,6-Dinitrotoluene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chloronaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Chlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methyl-4,6-dinitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylnaphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
2-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
2-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
3,3'-Dichlorobenzidine	JU	0.49	mg/kg	0	0.49	SW846-8270
3-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Bromophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chloro-3-methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Chlorophenyl phenyl ether	U	0.49	mg/kg	0	0.49	SW846-8270
4-Methylphenol	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrobenzenamine	U	0.49	mg/kg	0	0.49	SW846-8270
4-Nitrophenol	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthene	U	0.49	mg/kg	0	0.49	SW846-8270
Acenaphthylene	U	0.49	mg/kg	0	0.49	SW846-8270
Anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benz(a)anthracene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(a)pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(b)fluoranthene	U	0.49	mg/kg	0	0.49	SW846-8270
Benzo(ghi)perylene	JU	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethoxy)methane	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroethyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-chloroisopropyl) ether	U	0.49	mg/kg	0	0.49	SW846-8270
Bis(2-ethylhexyl)phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Butyl benzyl phthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Carbazole	U	0.49	mg/kg	0	0.49	SW846-8270
Chrysene	U	0.49	mg/kg	0	0.49	SW846-8270
Di-n-octylphthalate	U	0.49	mg/kg	0	0.49	SW846-8270
Fluorene	U	0.49	mg/kg	0	0.49	SW846-8270
Hexachlorocyclopentadiene	JU	0.49	mg/kg	0	0.49	SW846-8270
Hexachloroethane	U	0.49	mg/kg	0	0.49	SW846-8270
Indeno(1,2,3-cd)pyrene	JU	0.49	mg/kg	0	0.49	SW846-8270
Isophorone	U	0.49	mg/kg	0	0.49	SW846-8270
Naphthalene	U	0.49	mg/kg	0	0.49	SW846-8270
Nitrobenzene	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitroso-di-n-propylamine	U	0.49	mg/kg	0	0.49	SW846-8270
N-Nitrosodiphenylamine	U	0.49	mg/kg	0	0.49	SW846-8270
Pentachlorophenol	U	0.49	mg/kg	0	0.49	SW846-8270

SYD-SOILPILES**SY02-747BSP****Soil Piles North of C-747-B from Balance of Scrap Ditches SY02-747BSI**

Phenanthrene	U	0.49	mg/kg	0	0.49	SW846-8270
Phenol	U	0.49	mg/kg	0	0.49	SW846-8270
Pyrene	U	0.49	mg/kg	0	0.49	SW846-8270
Pyridine	U	0.49	mg/kg	0	0.49	SW846-8270
VOA						
1,1,1-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,1,2-Tetrachloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1,2-Trichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,1-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloroethane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dichloropropane	U	0.01	mg/kg		0.01	SW846-8260
1,2-Dimethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
2-Butanone	U	0.01	mg/kg		0.01	SW846-8260
2-Hexanone	U	0.01	mg/kg		0.01	SW846-8260
4-Methyl-2-pentanone	U	0.01	mg/kg		0.01	SW846-8260
Acetone	JU	0.01	mg/kg		0.01	SW846-8260
Benzene	U	0.01	mg/kg		0.01	SW846-8260
Bromodichloromethane	U	0.01	mg/kg		0.01	SW846-8260
Bromoform	U	0.01	mg/kg		0.01	SW846-8260
Bromomethane	U	0.01	mg/kg		0.01	SW846-8260
Carbon disulfide	U	0.01	mg/kg		0.01	SW846-8260
Carbon tetrachloride	U	0.01	mg/kg		0.01	SW846-8260
Chlorobenzene	U	0.01	mg/kg		0.01	SW846-8260
Ethylbenzene	U	0.01	mg/kg		0.01	SW846-8260
m,p-Xylene	U	0.02	mg/kg		0.02	SW846-8260
Methylene chloride	BJUX	0.01	mg/kg		0.01	SW846-8260
Styrene	U	0.01	mg/kg		0.01	SW846-8260
Tetrachloroethene	U	0.01	mg/kg		0.01	SW846-8260
Toluene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,2-Dichloroethene	U	0.01	mg/kg		0.01	SW846-8260
trans-1,3-Dichloropropene	U	0.01	mg/kg		0.01	SW846-8260
Trichloroethene	U	0.01	mg/kg		0.01	SW846-8260