

Paducah-OREIS Data Report

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12/18/2007

QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB1**
145102WT001

Collected: 1/16/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

Paducah-OREIS Data Report

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB1**
145102WT002

Collected: 1/22/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	JU	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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12/18/2007

QC
BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB1
145101WT001

Collected: 1/24/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	JU	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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12/18/2007

QC
BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB1
145101WT002

Collected: 1/25/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	JU	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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12/18/2007

QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB1**
145101WE001

Collected: 1/25/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	U	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	2	ug/L		2	SW846-6020
Uranium	BU	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0104	pCi/L	0.0062	0.0463	RL-7128
Alpha activity	U	-0.0497	pCi/L	0.0249	1.18	SW846-9310
Americium-241	U	-0.001	pCi/L	0.0084	0.103	RL-7128
Beta activity	U	1.01	pCi/L	0.122	2.15	SW846-9310
Cesium-137	U	0.205	pCi/L	0.409	18.6	RL-7124
Neptunium-237	U	-0.0013	pCi/L	0.0118	0.0687	RL-7128
Plutonium-238	U	0.00607	pCi/L	0.0118	0.0465	RL-7128
Plutonium-239/240	U	-0.0002	pCi/L	0.0010	0.0507	RL-7128
Technetium-99	U	-0.159	pCi/L	8.45	14.2	RL-7100
Thorium-228	U	0.0315	pCi/L	0.0336	0.157	RL-7128
Thorium-230	U	-0.0466	pCi/L	0.0115	0.111	RL-7128
Thorium-232	U	-0.0141	pCi/L	0.0281	0.101	RL-7128
Thorium-234	U	203	pCi/L	406	441	RL-7124
Uranium	U	-0.101	pCi/L	0.295	0.509	RL-7128

QC

BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB1

Uranium-234	U	-0.0641	pCi/L	0.0183	0.347	RL-7128
Uranium-238	U	-0.0265	pCi/L	0.0129	0.116	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	JU	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB1**
145101WF001

Collected: 1/24/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	U	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	2	ug/L		2	SW846-6020
Uranium	BU	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0037	pCi/L	0.0071	0.0444	RL-7128
Alpha activity	U	-0.137	pCi/L	0.0734	1.18	SW846-9310
Americium-241	U	0.00465	pCi/L	0.0116	0.105	RL-7128
Beta activity	U	0.525	pCi/L	0.0655	2.15	SW846-9310
Cesium-137	U	2.18	pCi/L	4.37	21.9	RL-7124
Neptunium-237	U	0.00486	pCi/L	0.0158	0.0687	RL-7128
Plutonium-238	U	0.00063	pCi/L	0.0057	0.0469	RL-7128
Plutonium-239/240	U	-0.0033	pCi/L	0.0052	0.053	RL-7128
Technetium-99	U	3.4	pCi/L	9.1	14.2	RL-7100
Thorium-228	U	0.00404	pCi/L	0.0229	0.155	RL-7128
Thorium-230	U	-0.0112	pCi/L	0.0229	0.0995	RL-7128
Thorium-232	U	-0.0055	pCi/L	0.011	0.0819	RL-7128
Thorium-234	U	-8.56	pCi/L	17.1	403	RL-7124
Uranium	U	-0.0799	pCi/L	0.235	0.504	RL-7128

QC

BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB1

Uranium-234	U	-0.0621	pCi/L	0.0218	0.346	RL-7128
Uranium-238	U	-0.014	pCi/L	0.012	0.113	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	JU	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB2
145103WT001

Collected: 1/9/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB2**
145104WT001

Collected: 1/10/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB2**
145104WE001

Collected: 1/10/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	U	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	2	ug/L		2	SW846-6020
Uranium	BU	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260		0.13	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl		0.13	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00954	pCi/L	0.0288	0.0803	RL-7128
Alpha activity	U	-0.0999	pCi/L	0.0534	1.18	SW846-9310
Americium-241	U	0.0159	pCi/L	0.0219	0.152	RL-7128
Beta activity	U	-0.309	pCi/L	0.0409	2.16	SW846-9310
Cesium-137	U	1.21	pCi/L	2.42	24.9	RL-7124
Neptunium-237	U	0.0217	pCi/L	0.0235	0.104	RL-7128
Plutonium-238	U	0.0121	pCi/L	0.0166	0.0742	RL-7128
Plutonium-239/240	U	0.0184	pCi/L	0.0192	0.0781	RL-7128
Technetium-99	U	-2.87	pCi/L	9.09	14.5	RL-7100
Thorium-228	U	0.103	pCi/L	0.0586	0.238	RL-7128
Thorium-230	U	-0.0193	pCi/L	0.036	0.155	RL-7128
Thorium-232	U	0.0349	pCi/L	0.0329	0.144	RL-7128
Thorium-234	U	191	pCi/L	382	604	RL-7124
Uranium	U	-0.0726	pCi/L	0.225	0.801	RL-7128

QC						
BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB2						
Uranium-234	U	-0.0762	pCi/L	0.0365	0.535	RL-7128
Uranium-238	U	-0.0059	pCi/L	0.0302	0.186	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB2**
145104WF001

Collected: 1/10/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	U	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	2	ug/L		2	SW846-6020
Uranium	BU	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0024	pCi/L	0.0050	0.0743	RL-7128
Alpha activity	U	-0.082	pCi/L	0.0439	1.18	SW846-9310
Americium-241	U	0.00205	pCi/L	0.0192	0.154	RL-7128
Beta activity	U	-0.683	pCi/L	0.0931	2.16	SW846-9310
Cesium-137	U	4.82	pCi/L	9.64	30.1	RL-7124
Neptunium-237	U	0.0233	pCi/L	0.0431	0.106	RL-7128
Plutonium-238	U	-0.0022	pCi/L	0	0.0717	RL-7128
Plutonium-239/240	U	0.00988	pCi/L	0.0191	0.0774	RL-7128
Technetium-99	U	6.22	pCi/L	9.33	14.5	RL-7100
Thorium-228	U	0.11	pCi/L	0.0617	0.239	RL-7128
Thorium-230	U	0.127	pCi/L	0.0727	0.152	RL-7128
Thorium-232	U	-0.0157	pCi/L	0.0285	0.144	RL-7128
Thorium-234	U	138	pCi/L	276	600	RL-7124
Uranium	U	-0.0271	pCi/L	0.0617	0.787	RL-7128

QC						
BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB2						
Uranium-234	U	-0.036	pCi/L	0.0404	0.534	RL-7128
Uranium-238	U	0.0113	pCi/L	0.0305	0.179	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB3**
145105WT001

Collected: 1/8/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB3**
145106WT001

Collected: 1/26/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB3**
145107WT001

Collected: 1/29/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	JU	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	JU	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	JU	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB3**
145107WT002

Collected: 1/30/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	JU	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	JU	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	JU	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU145A **Burial Ground OU SWMU 145 Angle Borings** **BGOU07-SWMU145ASB3**
145105WS001

Collected: 1/8/2007

Media Type: WQ

Sample Type: DI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	5	ug/L		5	SW846-6020
Mercury	UW	0.2	ug/L		0.2	SW846-7470A
Molybdenum	U	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	2	ug/L		2	SW846-6020
Uranium	U	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00036	pCi/L	0.0105	0.0678	RL-7128
Alpha activity	U	-0.462	pCi/L	0.327	1.18	SW846-9310
Americium-241	U	0.0181	pCi/L	0.0238	0.153	RL-7128
Beta activity	U	0.886	pCi/L	0.108	2.12	SW846-9310
Cesium-137	U	21.4	pCi/L	16.5	30.8	RL-7124
Neptunium-237	U	0.00555	pCi/L	0.0254	0.113	RL-7128
Plutonium-238	U	-0.0022	pCi/L	0	0.0727	RL-7128
Plutonium-239/240	U	0.0209	pCi/L	0.025	0.0781	RL-7128
Technetium-99	U	0.584	pCi/L	8.73	14.1	RL-7100
Thorium-228	U	0.129	pCi/L	0.0641	0.237	RL-7128
Thorium-230	U	0.00677	pCi/L	0.0491	0.165	RL-7128
Thorium-232	U	-0.0092	pCi/L	0.0154	0.135	RL-7128
Thorium-234	U	53	pCi/L	106	565	RL-7124
Uranium	U	-0.0588	pCi/L	0.143	0.779	RL-7128

QC						
BGOU07-SWMU145A Burial Ground OU SWMU 145 Angle Borings BGOU07-SWMU145ASB3						
Uranium-234	U	-0.0699	pCi/L	0.0306	0.533	RL-7128
Uranium-238	U	0.0108	pCi/L	0.0316	0.179	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU2ASB **Burial Ground OU SWMU 2 Angle Borings** **BGOU07-SWMU2ASB**
002002WT001

Collected: 4/3/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU2ASB **Burial Ground OU SWMU 2 Angle Borings** **BGOU07-SWMU2ASB**
002001WT001

Collected: 4/4/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU2ASB **Burial Ground OU SWMU 2 Angle Borings** **BGOU07-SWMU2ASB**
002002WT002

Collected: 4/4/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU2ASB **Burial Ground OU SWMU 2 Angle Borings** **BGOU07-SWMU2ASB**
002001WT002

Collected: 4/5/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC

BGOU07-SWMU2ASB

Burial Ground OU SWMU 2 Angle Borings BGOU07-SWMU2ASB

002001WE001

Collected: 4/5/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BU	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	UX	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BJU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	UX	0.1	ug/L		0.1	SW846-8082
PCB-1221	UX	0.1	ug/L		0.1	SW846-8082
PCB-1232	UX	0.1	ug/L		0.1	SW846-8082
PCB-1242	UX	0.1	ug/L		0.1	SW846-8082
PCB-1248	UX	0.1	ug/L		0.1	SW846-8082
PCB-1254	UX	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	UX	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00741	pCi/L	0.0148	0.0989	RL-7128
Alpha activity	U	0.77	pCi/L	0.545	2.25	SW846-9310
Americium-241	U	0.00987	pCi/L	0.0206	0.178	RL-7128
Beta activity	U	0.798	pCi/L	0.191	3.73	SW846-9310
Cesium-137	U	1.38	pCi/L	2.75	19.7	RL-7124
Neptunium-237	U	0.0263	pCi/L	0.0424	0.13	RL-7128
Plutonium-238	U	-0.0041	pCi/L	0	0.0804	RL-7128
Plutonium-239/240	U	0.00311	pCi/L	0.0115	0.0809	RL-7128
Technetium-99	U	11.1	pCi/L	8.96	13.6	RL-7100
Thorium-228	U	0.091	pCi/L	0.0561	0.245	RL-7128
Thorium-230	U	0.0849	pCi/L	0.0925	0.317	RL-7128
Thorium-232	U	-0.0016	pCi/L	0.002	0.155	RL-7128
Thorium-234		289	pCi/L	162	146	RL-7124
Uranium	U	-0.0041	pCi/L	0.0128	1.08	RL-7128

QC

BGOU07-SWMU2ASB

Burial Ground OU SWMU 2 Angle Borings BGOU07-SWMU2ASB

Uranium-234	U	-0.0202	pCi/L	0.0254	0.827	RL-7128
Uranium-238	U	0.00871	pCi/L	0.0231	0.156	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU2ASB **Burial Ground OU SWMU 2 Angle Borings BGOU07-SWMU2ASB**
002001WF001

Collected: 4/4/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BU	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	UX	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BJU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	UX	0.1	ug/L		0.1	SW846-8082
PCB-1221	UX	0.1	ug/L		0.1	SW846-8082
PCB-1232	UX	0.1	ug/L		0.1	SW846-8082
PCB-1242	UX	0.1	ug/L		0.1	SW846-8082
PCB-1248	UX	0.1	ug/L		0.1	SW846-8082
PCB-1254	UX	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	UX	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0428	pCi/L	0.0436	0.115	RL-7128
Alpha activity	U	0.0558	pCi/L	0.0499	2.25	SW846-9310
Americium-241	U	0.0141	pCi/L	0.018	0.177	RL-7128
Beta activity	U	2.73	pCi/L	0.585	3.68	SW846-9310
Cesium-137	U	-0.732	pCi/L	1.46	17	RL-7124
Neptunium-237	U	0.0074	pCi/L	0.0223	0.112	RL-7128
Plutonium-238	U	0.00207	pCi/L	0.0124	0.0763	RL-7128
Plutonium-239/240	U	0.00358	pCi/L	0.0124	0.0806	RL-7128
Technetium-99	U	9.84	pCi/L	9.19	13.6	RL-7100
Thorium-228	U	0.0979	pCi/L	0.0558	0.245	RL-7128
Thorium-230	U	-0.0018	pCi/L	0.0586	0.303	RL-7128
Thorium-232	U	0.0065	pCi/L	0.0181	0.148	RL-7128
Thorium-234	U	-144	pCi/L	288	273	RL-7124
Uranium	U	0.00955	pCi/L	0.0224	1.11	RL-7128

QC

BGOU07-SWMU2ASB

Burial Ground OU SWMU 2 Angle Borings BGOU07-SWMU2ASB

Uranium-234	U	0.0379	pCi/L	0.0574	0.83	RL-7128
Uranium-238	U	0.0145	pCi/L	0.0436	0.162	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU30AS **Burial Ground OU SWMU 30 Angle Borings** **BGOU07-SWMU30ASB1**
030001WT001

Collected: 3/5/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU30AS **Burial Ground OU SWMU 30 Angle Borings** **BGOU07-SWMU30ASB1**
030002WT001

Collected: 3/6/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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12/18/2007

QC
BGOU07-SWMU30AS **Burial Ground OU SWMU 30 Angle Borings** **BGOU07-SWMU30ASB1**
030004WE001

Collected: 3/9/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	BJNU	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	UX	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	U	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.0031	pCi/L	0.0146	0.046	RL-7128
Alpha activity	UX	0.919	pCi/L	0.368	1.36	SW846-9310
Americium-241	U	-0.0033	pCi/L	0.0055	0.0974	RL-7128
Beta activity	U	-0.66	pCi/L	0.101	2.33	SW846-9310
Cesium-137	U	5.06	pCi/L	10.1	20.9	RL-7124
Neptunium-237	U	0.00953	pCi/L	0.016	0.0672	RL-7128
Plutonium-238	U	-0.0022	pCi/L	0.0058	0.0432	RL-7128
Plutonium-239/240	U	-0.0066	pCi/L	0.0096	0.0488	RL-7128
Technetium-99	U	6.6	pCi/L	9.12	14.1	RL-7100
Thorium-228	U	0.0686	pCi/L	0.0416	0.148	RL-7128
Thorium-230	U	-0.0227	pCi/L	0.0123	0.118	RL-7128
Thorium-232	U	0.00908	pCi/L	0.0171	0.0763	RL-7128
Thorium-234	U	-0.905	pCi/L	1.81	292	RL-7124
Uranium	U	-0.0429	pCi/L	0.122	0.619	RL-7128

QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings BGOU07-SWMU30ASB1

Uranium-234	UX	-0.0356	pCi/L	0.0259	0.476	RL-7128
Uranium-238	U	-0.0104	pCi/L	0.0041	0.0968	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings BGOU07-SWMU30ASB1

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7 SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7 SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7 SW846-8270
Isophorone	U	4.7 ug/L	4.7 SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7 SW846-8270
Naphthalene	U	4.7 ug/L	4.7 SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7 SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7 SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7 SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7 SW846-8270
Phenanthrene	U	4.7 ug/L	4.7 SW846-8270
Phenol	JU	4.7 ug/L	4.7 SW846-8270
Pyrene	U	4.7 ug/L	4.7 SW846-8270
Pyridine	U	4.7 ug/L	4.7 SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1,1,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethene	U	5 ug/L	5 SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dibromoethane	U	5 ug/L	5 SW846-8260
1,2-Dichloroethane	U	5 ug/L	5 SW846-8260
1,2-Dichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5 SW846-8260
2-Butanone	U	5 ug/L	5 SW846-8260
2-Chloroethyl vinyl ether	JU	10 ug/L	10 SW846-8260
2-Hexanone	U	5 ug/L	5 SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5 SW846-8260
Acetone	U	5 ug/L	5 SW846-8260
Acrolein	JU	5 ug/L	5 SW846-8260
Acrylonitrile	U	5 ug/L	5 SW846-8260
Benzene	U	5 ug/L	5 SW846-8260
Bromodichloromethane	U	5 ug/L	5 SW846-8260
Bromoform	U	5 ug/L	5 SW846-8260
Bromomethane	U	5 ug/L	5 SW846-8260
Carbon disulfide	U	5 ug/L	5 SW846-8260
Carbon tetrachloride	U	5 ug/L	5 SW846-8260
Chlorobenzene	U	5 ug/L	5 SW846-8260
Chloroethane	U	5 ug/L	5 SW846-8260
Chloroform	U	5 ug/L	5 SW846-8260
Chloromethane	U	5 ug/L	5 SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Dibromochloromethane	U	5 ug/L	5 SW846-8260
Dibromomethane	U	5 ug/L	5 SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5 SW846-8260
Ethyl methacrylate	U	5 ug/L	5 SW846-8260
Ethylbenzene	U	5 ug/L	5 SW846-8260
Iodomethane	U	5 ug/L	5 SW846-8260
m,p-Xylene	U	10 ug/L	10 SW846-8260
Methylene chloride	U	5 ug/L	5 SW846-8260
Styrene	U	5 ug/L	5 SW846-8260
Tetrachloroethene	U	5 ug/L	5 SW846-8260

QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings

BGOU07-SWMU30ASB1

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings BGOU07-SWMU30ASB1

030004WF001

Collected: 3/9/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	BJNU	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	UX	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	U	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0044	pCi/L	0.0006	0.049	RL-7128
Alpha activity	UX	0.0203	pCi/L	0.0113	1.36	SW846-9310
Americium-241	U	0.00309	pCi/L	0.0131	0.0977	RL-7128
Beta activity	U	-0.291	pCi/L	0.0435	2.35	SW846-9310
Cesium-137	U	-6.56	pCi/L	13.1	15.6	RL-7124
Neptunium-237	U	-0.0069	pCi/L	0.0089	0.0648	RL-7128
Plutonium-238	U	0.00044	pCi/L	0.0078	0.0421	RL-7128
Plutonium-239/240	U	-0.0041	pCi/L	0.0046	0.0474	RL-7128
Technetium-99	U	-2.1	pCi/L	9.05	1.41	RL-7100
Thorium-228	U	0.00039	pCi/L	0.0309	0.159	RL-7128
Thorium-230		0.218	pCi/L	0.0979	0.151	RL-7128
Thorium-232	U	0.0226	pCi/L	0.0369	0.0969	RL-7128
Thorium-234	U	-103	pCi/L	205	285	RL-7124
Uranium	U	-0.0544	pCi/L	0.161	0.623	RL-7128

QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings BGOU07-SWMU30ASB1

Uranium-234	UX	-0.0396	pCi/L	0.0265	0.477	RL-7128
Uranium-238	U	-0.0106	pCi/L	0.0044	0.0974	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings BGOU07-SWMU30ASB1

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7 SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7 SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7 SW846-8270
Isophorone	U	4.7 ug/L	4.7 SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7 SW846-8270
Naphthalene	U	4.7 ug/L	4.7 SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7 SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7 SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7 SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7 SW846-8270
Phenanthrene	U	4.7 ug/L	4.7 SW846-8270
Phenol	JU	4.7 ug/L	4.7 SW846-8270
Pyrene	U	4.7 ug/L	4.7 SW846-8270
Pyridine	U	4.7 ug/L	4.7 SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1,1,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethene	U	5 ug/L	5 SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dibromoethane	U	5 ug/L	5 SW846-8260
1,2-Dichloroethane	U	5 ug/L	5 SW846-8260
1,2-Dichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5 SW846-8260
2-Butanone	U	5 ug/L	5 SW846-8260
2-Chloroethyl vinyl ether	JU	10 ug/L	10 SW846-8260
2-Hexanone	U	5 ug/L	5 SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5 SW846-8260
Acetone	U	5 ug/L	5 SW846-8260
Acrolein	JU	5 ug/L	5 SW846-8260
Acrylonitrile	U	5 ug/L	5 SW846-8260
Benzene	U	5 ug/L	5 SW846-8260
Bromodichloromethane	U	5 ug/L	5 SW846-8260
Bromoform	U	5 ug/L	5 SW846-8260
Bromomethane	U	5 ug/L	5 SW846-8260
Carbon disulfide	U	5 ug/L	5 SW846-8260
Carbon tetrachloride	U	5 ug/L	5 SW846-8260
Chlorobenzene	U	5 ug/L	5 SW846-8260
Chloroethane	U	5 ug/L	5 SW846-8260
Chloroform	U	5 ug/L	5 SW846-8260
Chloromethane	U	5 ug/L	5 SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Dibromochloromethane	U	5 ug/L	5 SW846-8260
Dibromomethane	U	5 ug/L	5 SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5 SW846-8260
Ethyl methacrylate	U	5 ug/L	5 SW846-8260
Ethylbenzene	U	5 ug/L	5 SW846-8260
Iodomethane	U	5 ug/L	5 SW846-8260
m,p-Xylene	U	10 ug/L	10 SW846-8260
Methylene chloride	U	5 ug/L	5 SW846-8260
Styrene	U	5 ug/L	5 SW846-8260
Tetrachloroethene	U	5 ug/L	5 SW846-8260

QC

BGOU07-SWMU30AS

Burial Ground OU SWMU 30 Angle Borings

BGOU07-SWMU30ASB1

Toluene	U	5 ug/L	5	SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5	SW846-8260
Trichloroethene	U	5 ug/L	5	SW846-8260
Trichlorofluoromethane	U	5 ug/L	5	SW846-8260
Vinyl acetate	U	5 ug/L	5	SW846-8260
Vinyl chloride	U	5 ug/L	5	SW846-8260

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QC
BGOU07-SWMU30AS **Burial Ground OU SWMU 30 Angle Borings** **BGOU07-SWMU30ASB2**
030003WT001

Collected: 3/7/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU30AS **Burial Ground OU SWMU 30 Angle Borings** **BGOU07-SWMU30ASB2**
030003WT002

Collected: 3/8/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU30AS **Burial Ground OU SWMU 30 Angle Borings** **BGOU07-SWMU30ASB2**
030004WT001

Collected: 3/9/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings** **BGOU07-SWMU3ASB1**
003001WT001

Collected: 4/9/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings** **BGOU07-SWMU3ASB1**
003002WT001

Collected: 4/10/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB1**
003001WE001

Collected: 4/10/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	NU	0.005	mg/L		0.005	SW846-6020
Beryllium	UX	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	NU	0.01	mg/L		0.01	SW846-6020
Cobalt	NUX	0.001	mg/L		0.001	SW846-6020
Copper	NUX	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	NU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	NU	0.02	mg/L		0.02	SW846-6020
Zinc	JNUX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	UX	0.1	ug/L		0.1	SW846-8082
PCB-1221	UX	0.1	ug/L		0.1	SW846-8082
PCB-1232	UX	0.1	ug/L		0.1	SW846-8082
PCB-1242	UX	0.1	ug/L		0.1	SW846-8082
PCB-1248	UX	0.1	ug/L		0.1	SW846-8082
PCB-1254	UX	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	UX	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0062	pCi/L	0.0101	0.0855	RL-7128
Alpha activity	U	-0.428	pCi/L	0.494	4.49	SW846-9310
Americium-241	U	0.00445	pCi/L	0.0145	0.117	RL-7128
Beta activity	U	-1.39	pCi/L	0.368	7.34	SW846-9310
Cesium-137	U	2.99	pCi/L	5.98	17.5	RL-7124
Neptunium-237	U	0.0364	pCi/L	0.039	0.12	RL-7128
Plutonium-238	U	-0.0104	pCi/L	0.0108	0.0787	RL-7128
Plutonium-239/240	U	-0.0027	pCi/L	0.0018	0.0867	RL-7128
Technetium-99	U	3.62	pCi/L	9.7	12.9	RL-7100
Thorium-228	U	0.022	pCi/L	0.0446	0.227	RL-7128
Thorium-230	U	0.0155	pCi/L	0.0647	0.302	RL-7128
Thorium-232	U	-0.0126	pCi/L	0.014	0.15	RL-7128
Thorium-234	U	-67.3	pCi/L	135	285	RL-7124
Uranium	U	0.0181	pCi/L	0.0536	1.04	RL-7128

*QUALIFIER Codes See attached List.

QC

BGOU07-SWMU3ASB

Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB1

Uranium-234	U	0.0161	pCi/L	0.0537	0.803	RL-7128
Uranium-238	U	0.00818	pCi/L	0.0325	0.152	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB1**
003001WF001

Collected: 4/9/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	NU	0.005	mg/L		0.005	SW846-6020
Beryllium	UX	0.01	mg/L		0.01	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	NU	0.01	mg/L		0.01	SW846-6020
Cobalt	NUX	0.001	mg/L		0.001	SW846-6020
Copper	NUX	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	NU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	NU	0.02	mg/L		0.02	SW846-6020
Zinc	JNUX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	UX	0.1	ug/L		0.1	SW846-8082
PCB-1221	UX	0.1	ug/L		0.1	SW846-8082
PCB-1232	UX	0.1	ug/L		0.1	SW846-8082
PCB-1242	UX	0.1	ug/L		0.1	SW846-8082
PCB-1248	UX	0.1	ug/L		0.1	SW846-8082
PCB-1254	UX	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	UX	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.007	pCi/L	0.0116	0.0888	RL-7128
Alpha activity	U	-1.44	pCi/L	2.87	4.49	SW846-9310
Americium-241	U	-0.0028	pCi/L	0	0.114	RL-7128
Beta activity	U	0.883	pCi/L	0.216	7.29	SW846-9310
Cesium-137	U	2.46	pCi/L	4.93	19.4	RL-7124
Neptunium-237	U	0.00984	pCi/L	0.0266	0.107	RL-7128
Plutonium-238	U	0.0124	pCi/L	0.0201	0.0785	RL-7128
Plutonium-239/240	U	-0.0077	pCi/L	0.0083	0.0836	RL-7128
Technetium-99	U	5.5	pCi/L	9.79	12.9	RL-7100
Thorium-228	U	0.0889	pCi/L	0.0565	0.227	RL-7128
Thorium-230	U	0.0566	pCi/L	0.0636	0.3	RL-7128
Thorium-232	U	0.00225	pCi/L	0.0157	0.147	RL-7128
Thorium-234	U	38.8	pCi/L	77.5	294	RL-7124
Uranium	U	0.139	pCi/L	0.326	1.05	RL-7128

QC

BGOU07-SWMU3ASB

Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB1

Uranium-234	U	0.127	pCi/L	0.0717	0.804	RL-7128
Uranium-238	U	0.0192	pCi/L	0.0315	0.153	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB2
003003WT001

Collected: 4/12/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings** **BGOU07-SWMU3ASB2**
003003WT002

Collected: 4/13/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	JU	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings** **BGOU07-SWMU3ASB2**
003004WT001

Collected: 4/16/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings** **BGOU07-SWMU3ASB2**
003004WT002

Collected: 4/17/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	JU	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC

BGOU07-SWMU3ASB

Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB2

003004WE001

Collected: 4/17/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	NU	0.005	mg/L		0.005	SW846-6020
Beryllium	UX	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	NU	0.01	mg/L		0.01	SW846-6020
Cobalt	NUX	0.001	mg/L		0.001	SW846-6020
Copper	NUX	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	NU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	NU	0.02	mg/L		0.02	SW846-6020
Zinc	JNUX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0073	pCi/L	0.0123	0.0841	RL-7128
Alpha activity	U	0.0514	pCi/L	0.0202	1.04	SW846-9310
Americium-241	U	0.0298	pCi/L	0.0266	0.111	RL-7128
Beta activity	U	-0.697	pCi/L	0.0752	2.04	SW846-9310
Cesium-137	U	-4.24	pCi/L	8.48	17.7	RL-7124
Neptunium-237	U	-0.012	pCi/L	0.0171	0.105	RL-7128
Plutonium-238	U	-0.0095	pCi/L	0.0090	0.0755	RL-7128
Plutonium-239/240	U	0.011	pCi/L	0.0168	0.0805	RL-7128
Technetium-99	U	-4.59	pCi/L	10.4	14.2	RL-7100
Thorium-228	U	0.0584	pCi/L	0.0593	0.219	RL-7128
Thorium-230	U	0.0322	pCi/L	0.0751	0.304	RL-7128
Thorium-232	U	0.0155	pCi/L	0.0244	0.142	RL-7128
Thorium-234	U	16.4	pCi/L	32.7	298	RL-7124
Uranium	U	-0.0022	pCi/L	0.0065	1.03	RL-7128

QC

BGOU07-SWMU3ASB

Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB2

Uranium-234	U	0.0127	pCi/L	0.0438	0.801	RL-7128
Uranium-238	U	-0.0077	pCi/L	0.0008	0.148	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3ASB **Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB2**
003004WF001

Collected: 4/16/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	NU	0.005	mg/L		0.005	SW846-6020
Beryllium	UX	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	NU	0.01	mg/L		0.01	SW846-6020
Cobalt	NUX	0.001	mg/L		0.001	SW846-6020
Copper	NUX	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	NU	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	NU	0.02	mg/L		0.02	SW846-6020
Zinc	JNUX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.031	pCi/L	0.0287	0.0891	RL-7128
Alpha activity	U	-0.332	pCi/L	0.166	1.04	SW846-9310
Americium-241	U	0.0194	pCi/L	0.0222	0.112	RL-7128
Beta activity	U	-0.0312	pCi/L	0.0032	2.03	SW846-9310
Cesium-137	U	-1.51	pCi/L	3.03	20.8	RL-7124
Neptunium-237	U	0.0035	pCi/L	0.0139	0.108	RL-7128
Plutonium-238		0.107	pCi/L	0.0512	0.078	RL-7128
Plutonium-239/240	U	0.0671	pCi/L	0.0438	0.0839	RL-7128
Technetium-99	U	-0.685	pCi/L	11	14.2	RL-7100
Thorium-228	U	0.094	pCi/L	0.0546	0.217	RL-7128
Thorium-230	U	0.0283	pCi/L	0.0501	0.298	RL-7128
Thorium-232	U	-0.0172	pCi/L	0.0233	0.141	RL-7128
Thorium-234	U	218	pCi/L	436	295	RL-7124
Uranium	U	0.29	pCi/L	0.305	1.03	RL-7128

QC

BGOU07-SWMU3ASB

Burial Ground OU SWMU 3 Angle Borings BGOU07-SWMU3ASB2

Uranium-234	U	0.126	pCi/L	0.0646	0.8	RL-7128
Uranium-238	U	0.133	pCi/L	0.0574	0.145	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3VSB **Burial Ground OU SWMU 3 Vertical Borings** **BGOU07-SWMU3VSB1**
003008WT001

Collected: 2/6/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	UY	5	ug/L		5	SW846-8260

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QC

BGOU07-SWMU3VSB

Burial Ground OU SWMU 3 Vertical Borings BGOU07-SWMU3VSB1

003010WT001

Collected: 2/6/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	UY	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3VSB **Burial Ground OU SWMU 3 Vertical Borings** **BGOU07-SWMU3VSB1**
003006WT001

Collected: 2/7/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3VSB **Burial Ground OU SWMU 3 Vertical Borings** **BGOU07-SWMU3VSB1**
003007WT001

Collected: 2/7/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3VSB **Burial Ground OU SWMU 3 Vertical Borings** **BGOU07-SWMU3VSB1**
003007WE001

Collected: 2/7/2007

Media Type: WQ

Sample Type: RI

<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	NU	0.2	mg/L		0.2	SW846-6010B
Antimony	U	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	BU	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	2	ug/L		2	SW846-6020
Uranium	U	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0067	pCi/L	0.0068	0.0504	RL-7128
Alpha activity	U	1.55	pCi/L	1.09	4.72	SW846-9310
Americium-241	U	-0.0012	pCi/L	0.0056	0.105	RL-7128
Beta activity	U	-0.84	pCi/L	0.223	7.2	SW846-9310
Cesium-137	U	-6.22	pCi/L	12.4	15.8	RL-7124
Neptunium-237	U	0.00084	pCi/L	0.0088	0.076	RL-7128
Plutonium-238	U	-0.003	pCi/L	0	0.0432	RL-7128
Plutonium-239/240	U	0.00348	pCi/L	0.0079	0.0509	RL-7128
Technetium-99	U	7.35	pCi/L	8.98	13.7	RL-7100
Thorium-228	U	0.00359	pCi/L	0.0256	0.148	RL-7128
Thorium-230	U	-0.0107	pCi/L	0.0365	0.11	RL-7128
Thorium-232	U	-0.0025	pCi/L	0.0051	0.0545	RL-7128
Thorium-234	U	-43.2	pCi/L	86.5	307	RL-7124
Uranium	U	-0.0168	pCi/L	0.041	0.531	RL-7128

QC

BGOU07-SWMU3VSB

Burial Ground OU SWMU 3 Vertical Borings BGOU07-SWMU3VSB1

Uranium-234	U	-0.018	pCi/L	0.0212	0.354	RL-7128
Uranium-238	U	0.0079	pCi/L	0.0186	0.126	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	JU	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	JU	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	JU	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU3VSB **Burial Ground OU SWMU 3 Vertical Borings** **BGOU07-SWMU3VSB1**
003007WF001

Collected: 2/7/2007

Media Type: WQ

Sample Type: FB

<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	NU	0.2	mg/L		0.2	SW846-6010B
Antimony	U	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	B	0.088	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	BU	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	2	ug/L		2	SW846-6020
Uranium	U	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0031	pCi/L	0.0084	0.0507	RL-7128
Alpha activity	U	-0.228	pCi/L	0.122	1.25	SW846-9310
Americium-241	U	0.00482	pCi/L	0.0102	0.105	RL-7128
Beta activity	U	-0.0813	pCi/L	0.0105	2.22	SW846-9310
Cesium-137	U	6.53	pCi/L	13.1	18.6	RL-7124
Neptunium-237	U	0.0129	pCi/L	0.0161	0.0671	RL-7128
Plutonium-238	U	3.6E-05	pCi/L	0.0054	0.0432	RL-7128
Plutonium-239/240	U	0.00719	pCi/L	0.0094	0.0508	RL-7128
Technetium-99	U	2.02	pCi/L	8.8	13.7	RL-7100
Thorium-228	U	0.0279	pCi/L	0.0273	0.153	RL-7128
Thorium-230	U	-0.0265	pCi/L	0.0111	0.0987	RL-7128
Thorium-232	U	0.0042	pCi/L	0.0084	0.0768	RL-7128
Thorium-234	U	-80.6	pCi/L	161	280	RL-7124
Uranium	U	-0.0736	pCi/L	0.186	0.512	RL-7128

QC

BGOU07-SWMU3VSB

Burial Ground OU SWMU 3 Vertical Borings BGOU07-SWMU3VSB1

Uranium-234	U	-0.0655	pCi/L	0.0223	0.347	RL-7128
Uranium-238	U	-0.0050	pCi/L	0.0183	0.114	RL-7128
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC

BGOU07-SWMU5ASB

Burial Ground OU SWMU 5 Angle Borings BGOU07-SWMU5ASB

005101WE001

Collected: 5/17/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	NU	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	NU	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	BU	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BNU	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BNU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	UX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	UX	0.1	ug/L		0.1	SW846-8082
PCB-1221	UX	0.1	ug/L		0.1	SW846-8082
PCB-1232	UX	0.1	ug/L		0.1	SW846-8082
PCB-1242	UX	0.1	ug/L		0.1	SW846-8082
PCB-1248	UX	0.1	ug/L		0.1	SW846-8082
PCB-1254	UX	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	UX	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.0174	pCi/L	0.0265	0.0635	RL-7128
Alpha activity	MUX	0.492	pCi/L	0.189	1.17	SW846-9310
Americium-241	U	-0.0102	pCi/L	0.0115	0.0866	RL-7128
Beta activity	U	0.932	pCi/L	0.11	2.26	SW846-9310
Cesium-137	U	-1.15	pCi/L	2.3	19.1	RL-7124
Neptunium-237	U	-0.0092	pCi/L	0.0074	0.0628	RL-7128
Plutonium-238	U	0.00437	pCi/L	0.0094	0.0291	RL-7128
Plutonium-239/240	U	0.00034	pCi/L	0.0066	0.0277	RL-7128
Technetium-99	U	4.98	pCi/L	9.09	13.9	RL-7100
Thorium-228	U	0.0115	pCi/L	0.0315	0.129	RL-7128
Thorium-230	U	-0.0034	pCi/L	0.0395	0.195	RL-7128
Thorium-232	U	-0.0193	pCi/L	0.0274	0.0713	RL-7128
Thorium-234	U	-97.4	pCi/L	195	292	RL-7124
Uranium	U	0.00093	pCi/L	0.0024	0.495	RL-7128

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BGOU07-SWMU5ASB

Burial Ground OU SWMU 5 Angle Borings BGOU07-SWMU5ASB

Uranium-234	U	-0.0122	pCi/L	0.0275	0.362	RL-7128
Uranium-238	U	-0.0042	pCi/L	0.014	0.0689	RL-7128

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BGOU07-SWMU5ASB **Burial Ground OU SWMU 5 Angle Borings BGOU07-SWMU5ASB**
005101WF001

Collected: 5/17/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	NU	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	NU	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BNU	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BNU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	UX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	UX	0.1	ug/L		0.1	SW846-8082
PCB-1221	UX	0.1	ug/L		0.1	SW846-8082
PCB-1232	UX	0.1	ug/L		0.1	SW846-8082
PCB-1242	UX	0.1	ug/L		0.1	SW846-8082
PCB-1248	UX	0.1	ug/L		0.1	SW846-8082
PCB-1254	UX	0.1	ug/L		0.1	SW846-8082
PCB-1260	UX	0.1	ug/L		0.1	SW846-8082
PCB-1268	UX	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00938	pCi/L	0.0179	0.0776	RL-7128
Alpha activity	MUX	0.117	pCi/L	0.0539	1.17	SW846-9310
Americium-241	U	-0.0053	pCi/L	0.0154	0.156	RL-7128
Beta activity	U	0.0231	pCi/L	0.0029	2.22	SW846-9310
Cesium-137	U	-9.95	pCi/L	19.9	14.8	RL-7124
Neptunium-237	U	-0.0065	pCi/L	0.0129	0.133	RL-7128
Plutonium-238	U	0.0083	pCi/L	0.0149	0.0496	RL-7128
Plutonium-239/240	U	0.0238	pCi/L	0.0314	0.0602	RL-7128
Technetium-99	U	4.72	pCi/L	9.12	13.9	RL-7100
Thorium-228	U	0.0466	pCi/L	0.0691	0.227	RL-7128
Thorium-230	U	0.0633	pCi/L	0.0677	0.348	RL-7128
Thorium-232	U	-0.0002	pCi/L	0.0005	0.114	RL-7128
Thorium-234	U	-55	pCi/L	110	292	RL-7124
Uranium	U	0.0319	pCi/L	0.0646	0.825	RL-7128

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BGOU07-SWMU5ASB

Burial Ground OU SWMU 5 Angle Borings BGOU07-SWMU5ASB

Uranium-234	U	0.00258	pCi/L	0.0381	0.633	RL-7128
Uranium-238	U	0.0199	pCi/L	0.035	0.114	RL-7128

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QC
BGOU07-SWMU6ASB **Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB1**
006102WE001

Collected: 2/22/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	BNU	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	UX	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	U	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0101	pCi/L	0.0091	0.0468	RL-7128
Alpha activity	U	0.131	pCi/L	0.0487	4.38	SW846-9310
Americium-241	U	0.0118	pCi/L	0.0158	0.106	RL-7128
Beta activity	U	1.89	pCi/L	0.192	7.79	SW846-9310
Cesium-137	U	8.73	pCi/L	17.5	21.4	RL-7124
Neptunium-237	U	-0.0119	pCi/L	0.0163	0.0657	RL-7128
Plutonium-238	U	0.00234	pCi/L	0.0077	0.042	RL-7128
Plutonium-239/240	U	-0.0008	pCi/L	0.0004	0.0564	RL-7128
Technetium-99	U	2.96	pCi/L	9.2	14.3	RL-7100
Thorium-228	U	0.00139	pCi/L	0.0209	0.144	RL-7128
Thorium-230	U	0.00875	pCi/L	0.0265	0.101	RL-7128
Thorium-232	U	-0.0121	pCi/L	0.0139	0.0686	RL-7128
Thorium-234	U	-421	pCi/L	842	385	RL-7124
Uranium	U	-0.0214	pCi/L	0.0553	0.526	RL-7128

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BGOU07-SWMU6ASB

Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB1

Uranium-234	U	-0.0179	pCi/L	0.0232	0.358	RL-7128
Uranium-238	U	0.00659	pCi/L	0.0136	0.121	RL-7128

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BGOU07-SWMU6ASB **Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB1**
006102WF001

Collected: 2/22/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	BJNU	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	UX	0.025	mg/L		0.025	SW846-6010B
Manganese	UX	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	U	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PPCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0066	pCi/L	0.0058	0.0501	RL-7128
Alpha activity	U	0.528	pCi/L	0.19	4.38	SW846-9310
Americium-241	U	-0.0025	pCi/L	0.0057	0.105	RL-7128
Beta activity	U	-0.161	pCi/L	0.017	7.67	SW846-9310
Cesium-137	U	-11.8	pCi/L	23.5	18.4	RL-7124
Neptunium-237	U	-0.0067	pCi/L	0.0082	0.0596	RL-7128
Plutonium-238	U	-0.0054	pCi/L	0.0045	0.043	RL-7128
Plutonium-239/240	U	-0.0010	pCi/L	0	0.0507	RL-7128
Technetium-99	U	4.13	pCi/L	9.24	14.3	RL-7100
Thorium-228	U	0.0219	pCi/L	0.0282	0.143	RL-7128
Thorium-230	U	-0.0136	pCi/L	0.0254	0.106	RL-7128
Thorium-232	U	0.0107	pCi/L	0.0185	0.068	RL-7128
Thorium-234	U	-48.5	pCi/L	97	417	RL-7124
Uranium	U	-0.0258	pCi/L	0.0787	0.531	RL-7128

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BGOU07-SWMU6ASB

Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB1

Uranium-234	U	-0.0099	pCi/L	0.0237	0.359	RL-7128
Uranium-238	U	-0.0093	pCi/L	0.0089	0.122	RL-7128

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BGOU07-SWMU6ASB

Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB2

006104WE001

Collected: 2/20/2007

Media Type: WQ

Sample Type: RI

<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	NU	0.2	mg/L		0.2	SW846-6010B
Antimony	U	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	BU	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	2	ug/L		2	SW846-6020
Uranium	U	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0003	pCi/L	0.0069	0.049	RL-7128
Alpha activity	U	-0.0908	pCi/L	0.0371	1.1	SW846-9310
Americium-241	U	0.00056	pCi/L	0.0084	0.106	RL-7128
Beta activity	U	-0.456	pCi/L	0.0494	1.93	SW846-9310
Cesium-137	U	0.326	pCi/L	0.652	16.9	RL-7124
Neptunium-237	U	0.00203	pCi/L	0.0092	0.0677	RL-7128
Plutonium-238	U	-0.0002	pCi/L	0.0059	0.0424	RL-7128
Plutonium-239/240	U	0.00189	pCi/L	0.0059	0.0492	RL-7128
Technetium-99	U	10.5	pCi/L	9.1	13.9	RL-7100
Thorium-228	U	0.0452	pCi/L	0.0493	0.162	RL-7128
Thorium-230	U	-0.0015	pCi/L	0.0505	0.159	RL-7128
Thorium-232	U	-0.012	pCi/L	0.024	0.0872	RL-7128
Thorium-234	U	-37.1	pCi/L	74.2	415	RL-7124
Uranium	U	-0.0142	pCi/L	0.044	0.528	RL-7128

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BGOU07-SWMU6ASB

Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB2

Uranium-234	U	-0.0125	pCi/L	0.0233	0.358	RL-7128
Uranium-238	U	-0.0014	pCi/L	0.007	0.121	RL-7128

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BGOU07-SWMU6ASB

Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB2

006104WF001

Collected: 2/19/2007

Media Type: WQ

Sample Type: FB

<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	NU	0.2	mg/L		0.2	SW846-6010B
Antimony	U	5	ug/L		5	SW846-6020
Arsenic	U	1	ug/L		1	SW846-6020
Barium	U	5	ug/L		5	SW846-6020
Beryllium	U	1	ug/L		1	SW846-6020
Cadmium	U	0.6	ug/L		0.6	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	10	ug/L		10	SW846-6020
Cobalt	U	1	ug/L		1	SW846-6020
Copper	U	20	ug/L		20	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	1.3	ug/L		1.3	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	5	ug/L		5	SW846-6020
Mercury	U	0.2	ug/L		0.2	SW846-7470A
Molybdenum	BU	1	ug/L		1	SW846-6020
Nickel	U	5	ug/L		5	SW846-6020
Selenium	U	5	ug/L		5	SW846-6020
Silver	BU	1	ug/L		1	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	2	ug/L		2	SW846-6020
Uranium	U	1	ug/L		1	SW846-6020
Vanadium	U	20	ug/L		20	SW846-6020
Zinc	U	20	ug/L		20	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0037	pCi/L	0	0.0509	RL-7128
Alpha activity	U	-0.307	pCi/L	0.137	1.1	SW846-9310
Americium-241	U	-0.0049	pCi/L	0.0009	0.106	RL-7128
Beta activity	U	0.531	pCi/L	0.0536	1.95	SW846-9310
Cesium-137	U	-0.0938	pCi/L	0.188	20.7	RL-7124
Neptunium-237	U	0.00763	pCi/L	0.0121	0.0609	RL-7128
Plutonium-238	U	0.00188	pCi/L	0.0070	0.0416	RL-7128
Plutonium-239/240	U	0.00394	pCi/L	0.0070	0.0475	RL-7128
Technetium-99	U	6.37	pCi/L	9.03	13.9	RL-7100
Thorium-228	U	0.0458	pCi/L	0.0339	0.147	RL-7128
Thorium-230	U	0.0132	pCi/L	0.0377	0.1	RL-7128
Thorium-232	U	0.00392	pCi/L	0.0078	0.0511	RL-7128
Thorium-234	U	-42.4	pCi/L	84.7	429	RL-7124
Uranium	U	-0.0082	pCi/L	0.0196	0.533	RL-7128

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BGOU07-SWMU6ASB

Burial Ground OU SWMU 6 Angle Borings BGOU07-SWMU6ASB2

Uranium-234	U	-0.0178	pCi/L	0.0203	0.359	RL-7128
Uranium-238	U	0.0133	pCi/L	0.0168	0.123	RL-7128

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB1**
007002WT001

Collected: 3/27/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	UY	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB1**
007001WT001

Collected: 3/28/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	JU	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB1**
007001WT002

Collected: 3/29/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<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						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	JU	10	ug/L		10	SW846-8260
Acrolein	JU	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	JU	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB1**
007101WS001

Collected: 2/7/2007

Media Type: WQ

Sample Type: DI

<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	NU	0.2	mg/L		0.2	SW846-6010B
Antimony	U	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BU	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	U	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	U	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0025	pCi/L	0.0077	0.0512	RL-7128
Alpha activity	U	0.569	pCi/L	0.208	1.24	SW846-9310
Americium-241	U	0.00793	pCi/L	0.0119	0.107	RL-7128
Beta activity	U	0.907	pCi/L	0.109	2.12	SW846-9310
Cesium-137	U	-3.62	pCi/L	7.24	17.9	RL-7124
Neptunium-237	U	0.00554	pCi/L	0.017	0.0625	RL-7128
Plutonium-238	U	-0.0024	pCi/L	0.0005	0.0435	RL-7128
Plutonium-239/240	U	0.00789	pCi/L	0.0142	0.0507	RL-7128
Technetium-99	U	-6.05	pCi/L	9.13	14.4	RL-7100
Thorium-228	U	0.0478	pCi/L	0.0318	0.154	RL-7128
Thorium-230	U	-0.0207	pCi/L	0.0202	0.11	RL-7128
Thorium-232	U	0.00759	pCi/L	0.0152	0.0979	RL-7128
Thorium-234	U	-52	pCi/L	104	286	RL-7124
Uranium	U	-0.104	pCi/L	0.313	0.522	RL-7128

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB1

Uranium-234	U	-0.0731	pCi/L	0.0148	0.35	RL-7128
Uranium-238	U	-0.0284	pCi/L	0.0182	0.121	RL-7128
SVOA						
1,2,4-Trichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB1

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	U	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	JU	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	U	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	U	5 ug/L	5	SW846-8260
2-Hexanone	U	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	JU	5 ug/L	5	SW846-8260
Acrolein	JU	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	JU	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride		23 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB1

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB2**
007003WT001

Collected: 3/19/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	JU	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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12/18/2007

QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB2**
007003WT002

Collected: 3/20/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	JU	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	U	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB2**
007004WT001

Collected: 3/26/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<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						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	UY	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2**
007003WE001

Collected: 3/20/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	U	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	BJU	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	JU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0008	pCi/L	0	0.0842	RL-7128
Alpha activity	U	0.27	pCi/L	0.241	4.64	SW846-9310
Americium-241	U	0.00566	pCi/L	0.0192	0.175	RL-7128
Beta activity	U	0.397	pCi/L	0.0993	7.23	SW846-9310
Cesium-137	U	-0.802	pCi/L	1.6	17.8	RL-7124
Neptunium-237	U	0.017	pCi/L	0.0235	0.12	RL-7128
Plutonium-238	U	0.00482	pCi/L	0.0198	0.0749	RL-7128
Plutonium-239/240	U	-0.0109	pCi/L	0.0183	0.0856	RL-7128
Technetium-99	U	1.76	pCi/L	8.95	14	RL-7100
Thorium-228	U	0.0886	pCi/L	0.0726	0.272	RL-7128
Thorium-230	U	0.0509	pCi/L	0.0714	0.246	RL-7128
Thorium-232	U	-0.0197	pCi/L	0.0228	0.146	RL-7128
Thorium-234	U	-29.6	pCi/L	59.2	285	RL-7124
Uranium	U	0.0367	pCi/L	0.0612	1.11	RL-7128

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Uranium-234	U	0.0188	pCi/L	0.0364	0.853	RL-7128
Uranium-238	U	0.0188	pCi/L	0.0257	0.17	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	JU	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	U	5 ug/L	5	SW846-8260
2-Hexanone	JU	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	JU	5 ug/L	5	SW846-8260
Acrolein	U	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

Paducah-OREIS Data Report

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12/18/2007

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

007003WF001

Collected: 3/19/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	U	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	BJU	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	JU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00556	pCi/L	0.0125	0.0472	RL-7128
Alpha activity	U	1.16	pCi/L	0.874	4.64	SW846-9310
Americium-241	U	-0.0016	pCi/L	0.0052	0.0971	RL-7128
Beta activity	U	-0.0551	pCi/L	0.014	7.3	SW846-9310
Cesium-137	U	-2.42	pCi/L	4.85	16.4	RL-7124
Neptunium-237	U	-0.0091	pCi/L	0.0133	0.0629	RL-7128
Plutonium-238	U	-9E-05	pCi/L	0.01	0.0416	RL-7128
Plutonium-239/240	U	-0.0040	pCi/L	0.0045	0.0458	RL-7128
Technetium-99	U	-2.43	pCi/L	8.9	14	RL-7100
Thorium-228	U	0.011	pCi/L	0.029	0.149	RL-7128
Thorium-230	U	0.0139	pCi/L	0.0394	0.136	RL-7128
Thorium-232	U	0.00449	pCi/L	0.009	0.0808	RL-7128
Thorium-234	U	24	pCi/L	48	299	RL-7124
Uranium	U	0.13	pCi/L	0.264	0.613	RL-7128

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Uranium-234	UX	0.0689	pCi/L	0.0334	0.473	RL-7128
Uranium-238	U	0.0553	pCi/L	0.0259	0.0929	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	UX	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	JU	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	U	5 ug/L	5	SW846-8260
2-Hexanone	JU	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	JU	5 ug/L	5	SW846-8260
Acrolein	U	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2**
007101WS002

Collected: 3/29/2007

Media Type: WQ

Sample Type: DI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	U	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	BJU	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	JU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00349	pCi/L	0.0077	0.0498	RL-7128
Alpha activity	U	-0.715	pCi/L	0.369	2.07	SW846-9310
Americium-241	U	-0.0011	pCi/L	0.0061	0.0977	RL-7128
Beta activity	U	-0.405	pCi/L	0.0423	3.98	SW846-9310
Cesium-137	U	4.01	pCi/L	8.02	18.1	RL-7124
Neptunium-237	U	-0.0093	pCi/L	0.0137	0.0645	RL-7128
Plutonium-238	U	-0.0074	pCi/L	0.0046	0.0415	RL-7128
Plutonium-239/240	U	-0.0011	pCi/L	0.0013	0.0481	RL-7128
Technetium-99	U	7.11	pCi/L	8.73	13.5	RL-7100
Thorium-228	U	0.027	pCi/L	0.0262	0.144	RL-7128
Thorium-230	U	-0.0237	pCi/L	0.0242	0.131	RL-7128
Thorium-232	U	-0.0168	pCi/L	0.0131	0.0742	RL-7128
Thorium-234	U	12.1	pCi/L	24.1	292	RL-7124
Uranium	U	0.0375	pCi/L	0.108	0.596	RL-7128

*QUALIFIER Codes See attached List.

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Uranium-234	UX	0.0345	pCi/L	0.0312	0.46	RL-7128
Uranium-238	U	-0.0005	pCi/L	0.0124	0.0863	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.8	ug/L		4.8	SW846-8270
1,2-Dichlorobenzene	U	4.8	ug/L		4.8	SW846-8270
1,3-Dichlorobenzene	U	4.8	ug/L		4.8	SW846-8270
1,4-Dichlorobenzene	U	4.8	ug/L		4.8	SW846-8270
2,4,5-Trichlorophenol	U	4.8	ug/L		4.8	SW846-8270
2,4,6-Trichlorophenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dichlorophenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dimethylphenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dinitrophenol	JU	4.8	ug/L		4.8	SW846-8270
2,4-Dinitrotoluene	U	4.8	ug/L		4.8	SW846-8270
2,6-Dinitrotoluene	JU	4.8	ug/L		4.8	SW846-8270
2-Chloronaphthalene	U	4.8	ug/L		4.8	SW846-8270
2-Chlorophenol	U	4.8	ug/L		4.8	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.8	ug/L		4.8	SW846-8270
2-Methylnaphthalene	U	4.8	ug/L		4.8	SW846-8270
2-Methylphenol	U	4.8	ug/L		4.8	SW846-8270
2-Nitrobenzenamine	JU	4.8	ug/L		4.8	SW846-8270
2-Nitrophenol	U	4.8	ug/L		4.8	SW846-8270
3,3'-Dichlorobenzidine	U	4.8	ug/L		4.8	SW846-8270
3-Nitrobenzenamine	U	4.8	ug/L		4.8	SW846-8270
4-Bromophenyl phenyl ether	U	4.8	ug/L		4.8	SW846-8270
4-Chloro-3-methylphenol	U	4.8	ug/L		4.8	SW846-8270
4-Chlorobenzenamine	U	4.8	ug/L		4.8	SW846-8270
4-Chlorophenyl phenyl ether	U	4.8	ug/L		4.8	SW846-8270
4-Nitrobenzenamine	U	4.8	ug/L		4.8	SW846-8270
4-Nitrophenol	JU	4.8	ug/L		4.8	SW846-8270
Acenaphthene	U	4.8	ug/L		4.8	SW846-8270
Acenaphthylene	U	4.8	ug/L		4.8	SW846-8270
Anthracene	U	4.8	ug/L		4.8	SW846-8270
Benz(a)anthracene	U	4.8	ug/L		4.8	SW846-8270
Benzenemethanol	JU	4.8	ug/L		4.8	SW846-8270
Benzo(a)pyrene	U	4.8	ug/L		4.8	SW846-8270
Benzo(b)fluoranthene	U	4.8	ug/L		4.8	SW846-8270
Benzo(ghi)perylene	U	4.8	ug/L		4.8	SW846-8270
Benzo(k)fluoranthene	U	4.8	ug/L		4.8	SW846-8270
Benzoic acid	U	4.8	ug/L		4.8	SW846-8270
Bis(2-chloroethoxy)methane	U	4.8	ug/L		4.8	SW846-8270
Bis(2-chloroethyl) ether	U	4.8	ug/L		4.8	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.8	ug/L		4.8	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.8	ug/L		4.8	SW846-8270
Butyl benzyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Chrysene	U	4.8	ug/L		4.8	SW846-8270
Dibenz(a,h)anthracene	U	4.8	ug/L		4.8	SW846-8270
Dibenzofuran	U	4.8	ug/L		4.8	SW846-8270
Diethyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Dimethyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Di-n-butyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Di-n-octylphthalate	U	4.8	ug/L		4.8	SW846-8270
Fluoranthene	U	4.8	ug/L		4.8	SW846-8270
Fluorene	U	4.8	ug/L		4.8	SW846-8270
Hexachlorobenzene	U	4.8	ug/L		4.8	SW846-8270
Hexachlorobutadiene	U	4.8	ug/L		4.8	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Hexachlorocyclopentadiene	JU	4.8 ug/L	4.8 SW846-8270
Hexachloroethane	U	4.8 ug/L	4.8 SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.8 ug/L	4.8 SW846-8270
Isophorone	U	4.8 ug/L	4.8 SW846-8270
m,p-Cresol	U	4.8 ug/L	4.8 SW846-8270
Naphthalene	U	4.8 ug/L	4.8 SW846-8270
Nitrobenzene	U	4.8 ug/L	4.8 SW846-8270
N-Nitroso-di-n-propylamine	U	4.8 ug/L	4.8 SW846-8270
N-Nitrosodiphenylamine	U	4.8 ug/L	4.8 SW846-8270
Pentachlorophenol	U	4.8 ug/L	4.8 SW846-8270
Phenanthrene	U	4.8 ug/L	4.8 SW846-8270
Phenol	JU	4.8 ug/L	4.8 SW846-8270
Pyrene	U	4.8 ug/L	4.8 SW846-8270
Pyridine	U	4.8 ug/L	4.8 SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethene	U	5 ug/L	5 SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dibromoethane	U	5 ug/L	5 SW846-8260
1,2-Dichloroethane	U	5 ug/L	5 SW846-8260
1,2-Dichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5 SW846-8260
2-Butanone	U	10 ug/L	10 SW846-8260
2-Chloroethyl vinyl ether	JU	10 ug/L	10 SW846-8260
2-Hexanone	U	10 ug/L	10 SW846-8260
4-Methyl-2-pentanone	U	10 ug/L	10 SW846-8260
Acetone	JU	10 ug/L	10 SW846-8260
Acrolein	JU	10 ug/L	10 SW846-8260
Acrylonitrile	U	10 ug/L	10 SW846-8260
Benzene	U	5 ug/L	5 SW846-8260
Bromodichloromethane	U	5 ug/L	5 SW846-8260
Bromoform	U	5 ug/L	5 SW846-8260
Bromomethane	U	5 ug/L	5 SW846-8260
Carbon disulfide	U	5 ug/L	5 SW846-8260
Carbon tetrachloride	U	5 ug/L	5 SW846-8260
Chlorobenzene	U	5 ug/L	5 SW846-8260
Chloroethane	U	5 ug/L	5 SW846-8260
Chloroform	U	5 ug/L	5 SW846-8260
Chloromethane	U	5 ug/L	5 SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Dibromochloromethane	U	5 ug/L	5 SW846-8260
Dibromomethane	U	5 ug/L	5 SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5 SW846-8260
Ethyl methacrylate	U	5 ug/L	5 SW846-8260
Ethylbenzene	U	5 ug/L	5 SW846-8260
Iodomethane	JU	5 ug/L	5 SW846-8260
m,p-Xylene	U	10 ug/L	10 SW846-8260
Methylene chloride	U	5 ug/L	5 SW846-8260
Styrene	U	5 ug/L	5 SW846-8260
Tetrachloroethene	U	5 ug/L	5 SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB2

Toluene	U	5 ug/L	5	SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5	SW846-8260
Trichloroethene	U	1 ug/L	1	SW846-8260
Trichlorofluoromethane	U	5 ug/L	5	SW846-8260
Vinyl acetate	U	10 ug/L	10	SW846-8260
Vinyl chloride	U	2 ug/L	2	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB3**
007005WT001

Collected: 3/12/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<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						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	JU	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB3**
007005WT002

Collected: 3/13/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB3**
007006WT001

Collected: 3/21/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	UY	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3
007006WT002

Collected: 3/22/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	UY	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB3**
007006WT003

Collected: 3/23/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	UY	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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12/18/2007

QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3**
007005WE001

Collected: 3/14/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	U	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	BJU	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	JU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	BU	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.0165	pCi/L	0.0313	20.2	RL-7128
Alpha activity	U	0.285	pCi/L	0.233	2.32	SW846-9310
Americium-241	U	0.0202	pCi/L	0.0236	0.175	RL-7128
Beta activity	U	1.1	pCi/L	0.26	3.63	SW846-9310
Cesium-137	U	4.3	pCi/L	8.59	18.9	RL-7124
Neptunium-237	U	0.00769	pCi/L	0.0203	0.121	RL-7128
Plutonium-238	U	0.00487	pCi/L	0.0195	0.0766	RL-7128
Plutonium-239/240	U	0.00822	pCi/L	0.0195	0.0869	RL-7128
Technetium-99	U	-1.41	pCi/L	8.91	13.9	RL-7100
Thorium-228	U	0.0847	pCi/L	0.0566	0.266	RL-7128
Thorium-230	U	0.161	pCi/L	0.086	0.244	RL-7128
Thorium-232	U	0.0142	pCi/L	0.02	0.144	RL-7128
Thorium-234	U	-1.05	pCi/L	2.11	298	RL-7124
Uranium	U	-0.045	pCi/L	0.145	60.4	RL-7128

*QUALIFIER Codes See attached List.

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3

Uranium-234	U	-0.0686	pCi/L	0.0055	17.2	RL-7128
Uranium-238	U	0.0071	pCi/L	0.0315	23	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	U	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	JU	10 ug/L	10	SW846-8260
2-Hexanone	U	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	JU	5 ug/L	5	SW846-8260
Acrolein	JU	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3**
007005WF001

Collected: 3/13/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	U	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	U	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	U	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	U	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	JU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	U	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0002	pCi/L	0.0079	0.051	RL-7128
Alpha activity	MU	-0.825	pCi/L	0.426	2.14	SW846-9310
Americium-241	U	0.00917	pCi/L	0.0157	0.107	RL-7128
Beta activity	UX	0.436	pCi/L	0.0444	3.91	SW846-9310
Cesium-137	U	-1.86	pCi/L	3.72	15.4	RL-7124
Neptunium-237	U	0.00937	pCi/L	0.0169	0.0647	RL-7128
Plutonium-238	U	0.00257	pCi/L	0.0095	0.0415	RL-7128
Plutonium-239/240	U	-0.0057	pCi/L	0.0071	0.0474	RL-7128
Technetium-99	U	1.93	pCi/L	9.2	13.9	RL-7100
Thorium-228	U	0.0329	pCi/L	0.0353	0.157	RL-7128
Thorium-230	U	-0.0432	pCi/L	0.0197	0.115	RL-7128
Thorium-232	U	-0.0202	pCi/L	0.022	0.0827	RL-7128
Thorium-234	U	22.2	pCi/L	44.4	304	RL-7124
Uranium	U	-0.0385	pCi/L	0.11	0.623	RL-7128

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3

Uranium-234	UX	-0.0368	pCi/L	0.0227	0.476	RL-7128
Uranium-238	U	-0.0014	pCi/L	0.0124	0.096	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	U	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	JU	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	U	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	JU	10 ug/L	10	SW846-8260
2-Hexanone	U	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	JU	5 ug/L	5	SW846-8260
Acrolein	JU	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB3

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB4**
007007WT001

Collected: 3/14/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<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						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	JU	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	JU	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	Y	8.1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	JU	10	ug/L		10	SW846-8260
Vinyl chloride		4.4	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB4**
007007WT002

Collected: 3/15/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	JU	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB4**
007008WT001

Collected: 4/2/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	JU	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	JU	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	U	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings** **BGOU07-SWMU7ASB4**
007008WT002

Collected: 4/2/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	JU	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	JU	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	JU	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	JU	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	JU	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4**
007008WE001

Collected: 4/3/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BU	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	UX	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BJU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.0156	pCi/L	0.0221	0.0919	RL-7128
Alpha activity	UX	-0.699	pCi/L	1.4	2.32	SW846-9310
Americium-241	U	0.0185	pCi/L	0.0283	0.113	RL-7128
Beta activity	U	-0.708	pCi/L	0.189	3.63	SW846-9310
Cesium-137	U	-6.19	pCi/L	12.4	15.9	RL-7124
Neptunium-237	U	-0.0235	pCi/L	0.0292	0.116	RL-7128
Plutonium-238	U	0.00215	pCi/L	0.0143	0.0791	RL-7128
Plutonium-239/240	U	0.00941	pCi/L	0.0222	0.0822	RL-7128
Technetium-99	U	0.561	pCi/L	8.9	13.8	RL-7100
Thorium-228	U	0.0631	pCi/L	0.0567	0.24	RL-7128
Thorium-230	U	0.0159	pCi/L	0.0456	0.294	RL-7128
Thorium-232	U	0.00659	pCi/L	0.0164	0.138	RL-7128
Thorium-234	U	-88.5	pCi/L	177	282	RL-7124
Uranium	U	0.108	pCi/L	0.194	1.06	RL-7128

*QUALIFIER Codes See attached List.

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4

Uranium-234	U	0.0507	pCi/L	0.0526	0.806	RL-7128
Uranium-238	U	0.0421	pCi/L	0.0462	0.16	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	JU	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	JU	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	JU	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	JU	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	JU	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	JU	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	JU	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	JU	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	JU	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	JU	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	JU	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	JU	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	JU	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	JU	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	JU	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	JU	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	JU	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	JU	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	JU	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	JU	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	JU	4.7	ug/L		4.7	SW846-8270
Anthracene	JU	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	JU	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	JU	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	JU	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	JU	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	JU	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	JU	4.7	ug/L		4.7	SW846-8270
Benzoic acid	JU	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	JU	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	JU	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	JU	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	JU	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	JU	4.7	ug/L		4.7	SW846-8270
Chrysene	JU	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	JU	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	JU	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	BJUX	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	JU	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	JU	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	JU	4.7	ug/L		4.7	SW846-8270
Fluoranthene	JU	4.7	ug/L		4.7	SW846-8270
Fluorene	JU	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	JU	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4

Hexachlorocyclopentadiene	JU	4.7 ug/L	4.7 SW846-8270
Hexachloroethane	JU	4.7 ug/L	4.7 SW846-8270
Indeno(1,2,3-cd)pyrene	JU	4.7 ug/L	4.7 SW846-8270
Isophorone	JU	4.7 ug/L	4.7 SW846-8270
m,p-Cresol	JU	4.7 ug/L	4.7 SW846-8270
Naphthalene	JU	4.7 ug/L	4.7 SW846-8270
Nitrobenzene	JU	4.7 ug/L	4.7 SW846-8270
N-Nitroso-di-n-propylamine	JU	4.7 ug/L	4.7 SW846-8270
N-Nitrosodiphenylamine	JU	4.7 ug/L	4.7 SW846-8270
Pentachlorophenol	JU	4.7 ug/L	4.7 SW846-8270
Phenanthrene	JU	4.7 ug/L	4.7 SW846-8270
Phenol	JU	4.7 ug/L	4.7 SW846-8270
Pyrene	JU	4.7 ug/L	4.7 SW846-8270
Pyridine	JU	4.7 ug/L	4.7 SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5 SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethane	U	5 ug/L	5 SW846-8260
1,1-Dichloroethene	U	5 ug/L	5 SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dibromoethane	U	5 ug/L	5 SW846-8260
1,2-Dichloroethane	U	5 ug/L	5 SW846-8260
1,2-Dichloropropane	U	5 ug/L	5 SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5 SW846-8260
2-Butanone	JU	5 ug/L	5 SW846-8260
2-Chloroethyl vinyl ether	JU	5 ug/L	5 SW846-8260
2-Hexanone	JU	5 ug/L	5 SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5 SW846-8260
Acetone	U	5 ug/L	5 SW846-8260
Acrolein	U	5 ug/L	5 SW846-8260
Acrylonitrile	U	5 ug/L	5 SW846-8260
Benzene	U	5 ug/L	5 SW846-8260
Bromodichloromethane	U	5 ug/L	5 SW846-8260
Bromoform	U	5 ug/L	5 SW846-8260
Bromomethane	U	5 ug/L	5 SW846-8260
Carbon disulfide	U	5 ug/L	5 SW846-8260
Carbon tetrachloride	U	5 ug/L	5 SW846-8260
Chlorobenzene	U	5 ug/L	5 SW846-8260
Chloroethane	U	5 ug/L	5 SW846-8260
Chloroform	U	5 ug/L	5 SW846-8260
Chloromethane	U	5 ug/L	5 SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Dibromochloromethane	U	5 ug/L	5 SW846-8260
Dibromomethane	U	5 ug/L	5 SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5 SW846-8260
Ethyl methacrylate	U	5 ug/L	5 SW846-8260
Ethylbenzene	U	5 ug/L	5 SW846-8260
Iodomethane	U	5 ug/L	5 SW846-8260
m,p-Xylene	U	10 ug/L	10 SW846-8260
Methylene chloride	U	5 ug/L	5 SW846-8260
Styrene	U	5 ug/L	5 SW846-8260
Tetrachloroethene	U	5 ug/L	5 SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

Paducah-OREIS Data Report

PaducahOREIS Download
12/18/2007

QC
BGOU07-SWMU7ASB **Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4**
007008WF001

Collected: 4/2/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BU	0.005	mg/L		0.005	SW846-6020
Arsenic	U	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	U	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	BU	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	BU	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BU	0.001	mg/L		0.001	SW846-6020
Nickel	U	0.005	mg/L		0.005	SW846-6020
Selenium	UX	0.005	mg/L		0.005	SW846-6020
Silver	BU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BJU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	U	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.011	pCi/L	0.0156	0.0843	RL-7128
Alpha activity	UX	-0.287	pCi/L	0.331	2.32	SW846-9310
Americium-241	U	0.00012	pCi/L	0.0059	0.112	RL-7128
Beta activity	U	-0.14	pCi/L	0.0359	3.61	SW846-9310
Cesium-137	U	-0.766	pCi/L	1.53	18.6	RL-7124
Neptunium-237	U	0.00888	pCi/L	0.0246	0.123	RL-7128
Plutonium-238	U	0.0194	pCi/L	0.0273	0.0784	RL-7128
Plutonium-239/240	U	-0.0081	pCi/L	0.0089	0.0847	RL-7128
Technetium-99	U	7.3	pCi/L	9.04	13.8	RL-7100
Thorium-228	U	0.0527	pCi/L	0.0507	0.242	RL-7128
Thorium-230	U	0.0757	pCi/L	0.0718	0.297	RL-7128
Thorium-232	U	0.00182	pCi/L	0.0068	0.145	RL-7128
Thorium-234	U	28.6	pCi/L	57.3	294	RL-7124
Uranium	U	0.0618	pCi/L	0.11	1.04	RL-7128

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4

Uranium-234	U	0.0519	pCi/L	0.0552	0.803	RL-7128
Uranium-238	U	0.0209	pCi/L	0.0256	0.15	RL-7128
SVOA						
1,2,4-Trichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	JU	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	JU	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	JU	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	JU	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	JU	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	JU	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	BUX	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	JU	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	JU	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	JU	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	JU	5 ug/L	5	SW846-8260
2-Hexanone	JU	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	U	5 ug/L	5	SW846-8260
Acrolein	U	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7ASB

Burial Ground OU SWMU 7 Angle Borings BGOU07-SWMU7ASB4

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB**
007011WT001

Collected: 4/24/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone		6.6	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	JU	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB**
007011WT002

Collected: 4/25/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone		12	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	UY	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007011WT003

Collected: 4/26/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<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						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone		18	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	UY	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB**
007009WT001

Collected: 4/30/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	JU	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007009WT002

Collected: 5/1/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<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						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	JU	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

007009WT003

Collected: 5/7/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	U	10	ug/L		10	SW846-8260
2-Hexanone	JU	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	JU	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	JU	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007010WT001

Collected: 5/10/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	JU	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	JU	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007010WT002

Collected: 5/11/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	5	ug/L		5	SW846-8260
2-Chloroethyl vinyl ether	JU	5	ug/L		5	SW846-8260
2-Hexanone	U	5	ug/L		5	SW846-8260
4-Methyl-2-pentanone	U	5	ug/L		5	SW846-8260
Acetone	U	5	ug/L		5	SW846-8260
Acrolein	JU	5	ug/L		5	SW846-8260
Acrylonitrile	U	5	ug/L		5	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	JU	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	U	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	JU	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	U	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	JU	5	ug/L		5	SW846-8260
Trichloroethene	U	5	ug/L		5	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	5	ug/L		5	SW846-8260
Vinyl chloride	U	5	ug/L		5	SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007010WT003

Collected: 5/14/2007

Media Type: WQ

Sample Type: TB

<u>Analysis</u>	<u>Qualifiers*</u>	<u>Results</u>	<u>Units</u>	<u>Counting Error (+/-)</u>	<u>Detect Limit</u>	<u>Method</u>
VOA						
1,1,1,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,1-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5	ug/L		5	SW846-8260
1,1,2-Trichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethane	U	5	ug/L		5	SW846-8260
1,1-Dichloroethene	U	5	ug/L		5	SW846-8260
1,2,3-Trichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dibromoethane	U	5	ug/L		5	SW846-8260
1,2-Dichloroethane	U	5	ug/L		5	SW846-8260
1,2-Dichloropropane	U	5	ug/L		5	SW846-8260
1,2-Dimethylbenzene	U	5	ug/L		5	SW846-8260
2-Butanone	U	10	ug/L		10	SW846-8260
2-Chloroethyl vinyl ether	JU	10	ug/L		10	SW846-8260
2-Hexanone	U	10	ug/L		10	SW846-8260
4-Methyl-2-pentanone	U	10	ug/L		10	SW846-8260
Acetone	U	10	ug/L		10	SW846-8260
Acrolein	U	10	ug/L		10	SW846-8260
Acrylonitrile	U	10	ug/L		10	SW846-8260
Benzene	U	5	ug/L		5	SW846-8260
Bromodichloromethane	U	5	ug/L		5	SW846-8260
Bromoform	U	5	ug/L		5	SW846-8260
Bromomethane	U	5	ug/L		5	SW846-8260
Carbon disulfide	U	5	ug/L		5	SW846-8260
Carbon tetrachloride	U	5	ug/L		5	SW846-8260
Chlorobenzene	U	5	ug/L		5	SW846-8260
Chloroethane	U	5	ug/L		5	SW846-8260
Chloroform	U	5	ug/L		5	SW846-8260
Chloromethane	JU	5	ug/L		5	SW846-8260
cis-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
cis-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Dibromochloromethane	U	5	ug/L		5	SW846-8260
Dibromomethane	U	5	ug/L		5	SW846-8260
Dichlorodifluoromethane	U	5	ug/L		5	SW846-8260
Ethyl methacrylate	U	5	ug/L		5	SW846-8260
Ethylbenzene	U	5	ug/L		5	SW846-8260
Iodomethane	JU	5	ug/L		5	SW846-8260
m,p-Xylene	U	10	ug/L		10	SW846-8260
Methylene chloride	U	5	ug/L		5	SW846-8260
Styrene	U	5	ug/L		5	SW846-8260
Tetrachloroethene	U	5	ug/L		5	SW846-8260
Toluene	U	5	ug/L		5	SW846-8260
trans-1,2-Dichloroethene	U	5	ug/L		5	SW846-8260
trans-1,3-Dichloropropene	U	5	ug/L		5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5	ug/L		5	SW846-8260
Trichloroethene	U	1	ug/L		1	SW846-8260
Trichlorofluoromethane	U	5	ug/L		5	SW846-8260
Vinyl acetate	U	10	ug/L		10	SW846-8260
Vinyl chloride	U	2	ug/L		2	SW846-8260

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12/18/2007

QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007010WE001

Collected: 5/10/2007

Media Type: WQ

Sample Type: RI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	NU	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	NU	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BNU	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BNU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	UX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.00405	pCi/L	0.0104	0.0401	RL-7128
Alpha activity	U	1.13	pCi/L	0.394	4.12	SW846-9310
Americium-241	U	-0.0015	pCi/L	0.0146	0.0904	RL-7128
Beta activity	U	-0.441	pCi/L	0.0457	7.94	SW846-9310
Cesium-137	U	3.54	pCi/L	7.09	21.7	RL-7124
Neptunium-237	U	-0.0094	pCi/L	0.001	0.0627	RL-7128
Plutonium-238	U	0.00459	pCi/L	0.0134	0.0345	RL-7128
Plutonium-239/240	U	0.00256	pCi/L	0.0134	0.035	RL-7128
Technetium-99	U	-11.1	pCi/L	13.1	20.8	RL-7100
Thorium-228	U	-0.0104	pCi/L	0.0227	0.134	RL-7128
Thorium-230	U	0.0141	pCi/L	0.0331	0.17	RL-7128
Thorium-232	U	0.00432	pCi/L	0.0086	0.0671	RL-7128
Thorium-234	U	-29.8	pCi/L	59.5	282	RL-7124
Uranium	U	-0.0475	pCi/L	0.134	0.455	RL-7128

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Uranium-234	U	-0.0319	pCi/L	0.0258	0.354	RL-7128
Uranium-238	U	-0.0196	pCi/L	0.0081	0.0609	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	JU	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	JU	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	U	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	JU	5 ug/L	5	SW846-8260
2-Hexanone	U	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	U	5 ug/L	5	SW846-8260
Acrolein	JU	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	JU	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	JU	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC
BGOU07-SWMU7VSB **Burial Ground OU SWMU 7 Verticle Borings** **BGOU07-SWMU7VSB**
007010WF001

Collected: 5/10/2007

Media Type: WQ

Sample Type: FB

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	NU	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	NU	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BNU	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BNU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	UX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	UX	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	0.0214	pCi/L	0.0285	0.0786	RL-7128
Alpha activity	U	-0.177	pCi/L	0.0722	4.12	SW846-9310
Americium-241	U	0.0209	pCi/L	0.0361	0.164	RL-7128
Beta activity	U	0.32	pCi/L	0.0326	7.94	SW846-9310
Cesium-137	U	7.79	pCi/L	15.6	19.3	RL-7124
Neptunium-237	U	-0.02	pCi/L	0.0202	0.11	RL-7128
Plutonium-238	U	0.00347	pCi/L	0.0115	0.0542	RL-7128
Plutonium-239/240	U	0.00165	pCi/L	0.0119	0.0562	RL-7128
Technetium-99	U	-2.71	pCi/L	13.3	20.8	RL-7100
Thorium-228	U	0.022	pCi/L	0.0482	0.246	RL-7128
Thorium-230	U	0.0275	pCi/L	0.0696	0.308	RL-7128
Thorium-232	U	0.0164	pCi/L	0.0319	0.133	RL-7128
Thorium-234	U	-4.9	pCi/L	9.79	299	RL-7124
Uranium	U	0.644	pCi/L	0.793	0.83	RL-7128

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Uranium-234	U	0.41	pCi/L	0.113	0.641	RL-7128
Uranium-238		0.212	pCi/L	0.0797	0.111	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.7	ug/L		4.7	SW846-8270
1,2-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,3-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
1,4-Dichlorobenzene	U	4.7	ug/L		4.7	SW846-8270
2,4,5-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4,6-Trichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dichlorophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dimethylphenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2,4-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2,6-Dinitrotoluene	U	4.7	ug/L		4.7	SW846-8270
2-Chloronaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Chlorophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.7	ug/L		4.7	SW846-8270
2-Methylnaphthalene	U	4.7	ug/L		4.7	SW846-8270
2-Methylphenol	U	4.7	ug/L		4.7	SW846-8270
2-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
2-Nitrophenol	U	4.7	ug/L		4.7	SW846-8270
3,3'-Dichlorobenzidine	U	4.7	ug/L		4.7	SW846-8270
3-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Bromophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Chloro-3-methylphenol	U	4.7	ug/L		4.7	SW846-8270
4-Chlorobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Chlorophenyl phenyl ether	U	4.7	ug/L		4.7	SW846-8270
4-Nitrobenzenamine	U	4.7	ug/L		4.7	SW846-8270
4-Nitrophenol	JU	4.7	ug/L		4.7	SW846-8270
Acenaphthene	U	4.7	ug/L		4.7	SW846-8270
Acenaphthylene	U	4.7	ug/L		4.7	SW846-8270
Anthracene	U	4.7	ug/L		4.7	SW846-8270
Benz(a)anthracene	U	4.7	ug/L		4.7	SW846-8270
Benzenemethanol	JU	4.7	ug/L		4.7	SW846-8270
Benzo(a)pyrene	U	4.7	ug/L		4.7	SW846-8270
Benzo(b)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzo(ghi)perylene	U	4.7	ug/L		4.7	SW846-8270
Benzo(k)fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Benzoic acid	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethoxy)methane	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroethyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.7	ug/L		4.7	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.7	ug/L		4.7	SW846-8270
Butyl benzyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Chrysene	U	4.7	ug/L		4.7	SW846-8270
Dibenz(a,h)anthracene	U	4.7	ug/L		4.7	SW846-8270
Dibenzofuran	U	4.7	ug/L		4.7	SW846-8270
Diethyl phthalate	JU	4.7	ug/L		4.7	SW846-8270
Dimethyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-butyl phthalate	U	4.7	ug/L		4.7	SW846-8270
Di-n-octylphthalate	U	4.7	ug/L		4.7	SW846-8270
Fluoranthene	U	4.7	ug/L		4.7	SW846-8270
Fluorene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobenzene	U	4.7	ug/L		4.7	SW846-8270
Hexachlorobutadiene	U	4.7	ug/L		4.7	SW846-8270

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Hexachlorocyclopentadiene	U	4.7 ug/L	4.7	SW846-8270
Hexachloroethane	U	4.7 ug/L	4.7	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.7 ug/L	4.7	SW846-8270
Isophorone	U	4.7 ug/L	4.7	SW846-8270
m,p-Cresol	U	4.7 ug/L	4.7	SW846-8270
Naphthalene	U	4.7 ug/L	4.7	SW846-8270
Nitrobenzene	U	4.7 ug/L	4.7	SW846-8270
N-Nitroso-di-n-propylamine	U	4.7 ug/L	4.7	SW846-8270
N-Nitrosodiphenylamine	U	4.7 ug/L	4.7	SW846-8270
Pentachlorophenol	U	4.7 ug/L	4.7	SW846-8270
Phenanthrene	U	4.7 ug/L	4.7	SW846-8270
Phenol	JU	4.7 ug/L	4.7	SW846-8270
Pyrene	U	4.7 ug/L	4.7	SW846-8270
Pyridine	U	4.7 ug/L	4.7	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	U	5 ug/L	5	SW846-8260
2-Chloroethyl vinyl ether	JU	5 ug/L	5	SW846-8260
2-Hexanone	U	5 ug/L	5	SW846-8260
4-Methyl-2-pentanone	U	5 ug/L	5	SW846-8260
Acetone	U	5 ug/L	5	SW846-8260
Acrolein	JU	5 ug/L	5	SW846-8260
Acrylonitrile	U	5 ug/L	5	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	JU	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	JU	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Toluene	U	5 ug/L	5 SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5 SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5 SW846-8260
Trans-1,4-Dichloro-2-butene	JU	5 ug/L	5 SW846-8260
Trichloroethene	U	5 ug/L	5 SW846-8260
Trichlorofluoromethane	U	5 ug/L	5 SW846-8260
Vinyl acetate	U	5 ug/L	5 SW846-8260
Vinyl chloride	U	5 ug/L	5 SW846-8260

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QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

007101WS003

Collected: 5/8/2007

Media Type: WQ

Sample Type: DI

<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	U	0.2	mg/L		0.2	SW846-6010B
Antimony	BNU	0.005	mg/L		0.005	SW846-6020
Arsenic	NU	0.001	mg/L		0.001	SW846-6020
Barium	U	0.005	mg/L		0.005	SW846-6020
Beryllium	U	0.001	mg/L		0.001	SW846-6020
Cadmium	UX	0.0006	mg/L		0.0006	SW846-6020
Calcium	U	1	mg/L		1	SW846-6010B
Chromium	U	0.01	mg/L		0.01	SW846-6020
Cobalt	NU	0.001	mg/L		0.001	SW846-6020
Copper	NU	0.02	mg/L		0.02	SW846-6020
Iron	U	0.05	mg/L		0.05	SW846-6010B
Lead	U	0.0013	mg/L		0.0013	SW846-6020
Magnesium	U	0.025	mg/L		0.025	SW846-6010B
Manganese	U	0.005	mg/L		0.005	SW846-6020
Mercury	U	0.0002	mg/L		0.0002	SW846-7470A
Molybdenum	BNU	0.001	mg/L		0.001	SW846-6020
Nickel	NU	0.005	mg/L		0.005	SW846-6020
Selenium	U	0.005	mg/L		0.005	SW846-6020
Silver	BNU	0.001	mg/L		0.001	SW846-6020
Sodium	BU	0.5	mg/L		0.5	SW846-6010B
Thallium	U	0.002	mg/L		0.002	SW846-6020
Uranium	BU	0.001	mg/L		0.001	SW846-6020
Vanadium	U	0.02	mg/L		0.02	SW846-6020
Zinc	UX	0.02	mg/L		0.02	SW846-6020
PCCB						
PCB-1016	U	0.1	ug/L		0.1	SW846-8082
PCB-1221	U	0.1	ug/L		0.1	SW846-8082
PCB-1232	U	0.1	ug/L		0.1	SW846-8082
PCB-1242	U	0.1	ug/L		0.1	SW846-8082
PCB-1248	U	0.1	ug/L		0.1	SW846-8082
PCB-1254	U	0.1	ug/L		0.1	SW846-8082
PCB-1260	U	0.1	ug/L		0.1	SW846-8082
PCB-1268	U	0.1	ug/L		0.1	SW846-8082
Polychlorinated biphenyl	U	0.1	ug/L		0.1	SW846-8082
RADS						
Activity of U-235	U	-0.0072	pCi/L	0.0078	0.0425	RL-7128
Alpha activity	MU	1.01	pCi/L	0.319	2.07	SW846-9310
Americium-241	U	-0.0004	pCi/L	0.0182	0.0921	RL-7128
Beta activity	UX	0.521	pCi/L	0.0526	4.05	SW846-9310
Cesium-137	U	-5.26	pCi/L	10.5	17.6	RL-7124
Neptunium-237	U	-0.0185	pCi/L	0.0174	0.0624	RL-7128
Plutonium-238	U	0.00393	pCi/L	0.0088	0.0289	RL-7128
Plutonium-239/240	U	-0.0043	pCi/L	0	0.0383	RL-7128
Technetium-99	U	-5.06	pCi/L	13.2	20.8	RL-7100
Thorium-228	U	0.0165	pCi/L	0.0284	0.135	RL-7128
Thorium-230	U	0.0369	pCi/L	0.0393	0.167	RL-7128
Thorium-232	U	-0.0075	pCi/L	0.0149	0.0675	RL-7128
Thorium-234	U	-69.8	pCi/L	140	289	RL-7124
Uranium	U	-0.0459	pCi/L	0.141	0.456	RL-7128

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Uranium-234	U	-0.0316	pCi/L	0.0159	0.354	RL-7128
Uranium-238	U	-0.0071	pCi/L	0.0137	0.0599	RL-7128
SVOA						
1,2,4-Trichlorobenzene	JU	4.8	ug/L		4.8	SW846-8270
1,2-Dichlorobenzene	U	4.8	ug/L		4.8	SW846-8270
1,3-Dichlorobenzene	U	4.8	ug/L		4.8	SW846-8270
1,4-Dichlorobenzene	U	4.8	ug/L		4.8	SW846-8270
2,4,5-Trichlorophenol	U	4.8	ug/L		4.8	SW846-8270
2,4,6-Trichlorophenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dichlorophenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dimethylphenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dinitrophenol	U	4.8	ug/L		4.8	SW846-8270
2,4-Dinitrotoluene	U	4.8	ug/L		4.8	SW846-8270
2,6-Dinitrotoluene	U	4.8	ug/L		4.8	SW846-8270
2-Chloronaphthalene	U	4.8	ug/L		4.8	SW846-8270
2-Chlorophenol	U	4.8	ug/L		4.8	SW846-8270
2-Methyl-4,6-dinitrophenol	U	4.8	ug/L		4.8	SW846-8270
2-Methylnaphthalene	U	4.8	ug/L		4.8	SW846-8270
2-Methylphenol	U	4.8	ug/L		4.8	SW846-8270
2-Nitrobenzenamine	U	4.8	ug/L		4.8	SW846-8270
2-Nitrophenol	U	4.8	ug/L		4.8	SW846-8270
3,3'-Dichlorobenzidine	U	4.8	ug/L		4.8	SW846-8270
3-Nitrobenzenamine	U	4.8	ug/L		4.8	SW846-8270
4-Bromophenyl phenyl ether	U	4.8	ug/L		4.8	SW846-8270
4-Chloro-3-methylphenol	U	4.8	ug/L		4.8	SW846-8270
4-Chlorobenzenamine	U	4.8	ug/L		4.8	SW846-8270
4-Chlorophenyl phenyl ether	U	4.8	ug/L		4.8	SW846-8270
4-Nitrobenzenamine	U	4.8	ug/L		4.8	SW846-8270
4-Nitrophenol	U	4.8	ug/L		4.8	SW846-8270
Acenaphthene	U	4.8	ug/L		4.8	SW846-8270
Acenaphthylene	U	4.8	ug/L		4.8	SW846-8270
Anthracene	U	4.8	ug/L		4.8	SW846-8270
Benz(a)anthracene	U	4.8	ug/L		4.8	SW846-8270
Benzenemethanol	JU	4.8	ug/L		4.8	SW846-8270
Benzo(a)pyrene	U	4.8	ug/L		4.8	SW846-8270
Benzo(b)fluoranthene	U	4.8	ug/L		4.8	SW846-8270
Benzo(ghi)perylene	U	4.8	ug/L		4.8	SW846-8270
Benzo(k)fluoranthene	U	4.8	ug/L		4.8	SW846-8270
Benzoic acid	BUX	4.8	ug/L		4.8	SW846-8270
Bis(2-chloroethoxy)methane	U	4.8	ug/L		4.8	SW846-8270
Bis(2-chloroethyl) ether	U	4.8	ug/L		4.8	SW846-8270
Bis(2-chloroisopropyl) ether	U	4.8	ug/L		4.8	SW846-8270
Bis(2-ethylhexyl)phthalate	U	4.8	ug/L		4.8	SW846-8270
Butyl benzyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Chrysene	U	4.8	ug/L		4.8	SW846-8270
Dibenz(a,h)anthracene	U	4.8	ug/L		4.8	SW846-8270
Dibenzofuran	U	4.8	ug/L		4.8	SW846-8270
Diethyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Dimethyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Di-n-butyl phthalate	U	4.8	ug/L		4.8	SW846-8270
Di-n-octylphthalate	U	4.8	ug/L		4.8	SW846-8270
Fluoranthene	U	4.8	ug/L		4.8	SW846-8270
Fluorene	U	4.8	ug/L		4.8	SW846-8270
Hexachlorobenzene	U	4.8	ug/L		4.8	SW846-8270
Hexachlorobutadiene	U	4.8	ug/L		4.8	SW846-8270

QC

BGOU07-SWMU7VSB

Burial Ground OU SWMU 7 Verticle Borings BGOU07-SWMU7VSB

Hexachlorocyclopentadiene	U	4.8 ug/L	4.8	SW846-8270
Hexachloroethane	U	4.8 ug/L	4.8	SW846-8270
Indeno(1,2,3-cd)pyrene	U	4.8 ug/L	4.8	SW846-8270
Isophorone	U	4.8 ug/L	4.8	SW846-8270
m,p-Cresol	U	4.8 ug/L	4.8	SW846-8270
Naphthalene	U	4.8 ug/L	4.8	SW846-8270
Nitrobenzene	U	4.8 ug/L	4.8	SW846-8270
N-Nitroso-di-n-propylamine	U	4.8 ug/L	4.8	SW846-8270
N-Nitrosodiphenylamine	U	4.8 ug/L	4.8	SW846-8270
Pentachlorophenol	U	4.8 ug/L	4.8	SW846-8270
Phenanthrene	U	4.8 ug/L	4.8	SW846-8270
Phenol	U	4.8 ug/L	4.8	SW846-8270
Pyrene	U	4.8 ug/L	4.8	SW846-8270
Pyridine	U	4.8 ug/L	4.8	SW846-8270

VOA

1,1,1,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,1-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1,2,2-Tetrachloroethane	U	5 ug/L	5	SW846-8260
1,1,2-Trichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethane	U	5 ug/L	5	SW846-8260
1,1-Dichloroethene	U	5 ug/L	5	SW846-8260
1,2,3-Trichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dibromoethane	U	5 ug/L	5	SW846-8260
1,2-Dichloroethane	U	5 ug/L	5	SW846-8260
1,2-Dichloropropane	U	5 ug/L	5	SW846-8260
1,2-Dimethylbenzene	U	5 ug/L	5	SW846-8260
2-Butanone	U	10 ug/L	10	SW846-8260
2-Chloroethyl vinyl ether	U	10 ug/L	10	SW846-8260
2-Hexanone	JU	10 ug/L	10	SW846-8260
4-Methyl-2-pentanone	JU	10 ug/L	10	SW846-8260
Acetone	U	10 ug/L	10	SW846-8260
Acrolein	JU	10 ug/L	10	SW846-8260
Acrylonitrile	U	10 ug/L	10	SW846-8260
Benzene	U	5 ug/L	5	SW846-8260
Bromodichloromethane	U	5 ug/L	5	SW846-8260
Bromoform	U	5 ug/L	5	SW846-8260
Bromomethane	U	5 ug/L	5	SW846-8260
Carbon disulfide	U	5 ug/L	5	SW846-8260
Carbon tetrachloride	U	5 ug/L	5	SW846-8260
Chlorobenzene	U	5 ug/L	5	SW846-8260
Chloroethane	U	5 ug/L	5	SW846-8260
Chloroform	U	5 ug/L	5	SW846-8260
Chloromethane	U	5 ug/L	5	SW846-8260
cis-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
cis-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Dibromochloromethane	U	5 ug/L	5	SW846-8260
Dibromomethane	U	5 ug/L	5	SW846-8260
Dichlorodifluoromethane	U	5 ug/L	5	SW846-8260
Ethyl methacrylate	U	5 ug/L	5	SW846-8260
Ethylbenzene	U	5 ug/L	5	SW846-8260
Iodomethane	U	5 ug/L	5	SW846-8260
m,p-Xylene	U	10 ug/L	10	SW846-8260
Methylene chloride	U	5 ug/L	5	SW846-8260
Styrene	U	5 ug/L	5	SW846-8260
Tetrachloroethene	U	5 ug/L	5	SW846-8260

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Toluene	U	5 ug/L	5	SW846-8260
trans-1,2-Dichloroethene	U	5 ug/L	5	SW846-8260
trans-1,3-Dichloropropene	U	5 ug/L	5	SW846-8260
Trans-1,4-Dichloro-2-butene	U	5 ug/L	5	SW846-8260
Trichloroethene	U	1 ug/L	1	SW846-8260
Trichlorofluoromethane	U	5 ug/L	5	SW846-8260
Vinyl acetate	U	10 ug/L	10	SW846-8260
Vinyl chloride	U	2 ug/L	2	SW846-8260
