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SWMU 11 Surface Soil (0–1 ft bgs) Data Summary (Samples Collected 1991)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Industrial Worker		Industrial Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	senic	mg/kg	1.80E+00	2.20E+00	2.00E+00	2/2	0/2	1.20E+01	2/2	1.60E+00	0/2	1.60E+02	0/2	5.84E+00
METAL	mium	mg/kg	8.70E-01	1.20E+00	1.04E+00	2/2	2/2	2.10E-01	0/2	6.05E+01	0/2	1.82E+03	0/2	7.52E+00
METAL	omium	mg/kg	9.50E+00	1.84E+01	1.40E+01	2/2	1/2	1.60E+01	1/2	1.23E+01	0/2	1.23E+03	0/2	3.60E+06
SVOC	Acenaphthene	mg/kg	9.30E+00	1.70E+01	1.32E+01	2/2	N/A	N/A	0/2	1.38E+03	0/2	4.14E+04	1/2	1.10E+01
SVOC	Fluorene	mg/kg	8.70E+00	1.70E+01	1.29E+01	2/2	N/A	N/A	0/2	9.19E+02	0/2	2.76E+04	1/2	1.09E+01
SVOC	Phenanthrene	mg/kg	4.70E+01	6.30E+01	5.50E+01	2/2	N/A	N/A	0/2	1.38E+03	0/2	4.14E+04	2/2	1.10E+01
SVOC	Pyrene	mg/kg	3.60E+01	4.10E+01	3.85E+01	2/2	N/A	N/A	0/2	6.89E+02	0/2	2.07E+04	2/2	2.63E+01
SVOC	Total PAH	mg/kg	2.05E+01	3.91E+01	2.98E+01	2/2	N/A	N/A	2/2	6.43E-01	0/2	6.43E+01	2/2	4.70E+00
RADS	Nept m-237	pCi/g	2.50E-01	5.40E-01	3.95E-01	2/2	2/2	1.00E-01	2/2	2.49E-01	0/2	2.49E+01	0/2	1.07E+00
RADS	echnetium-99	pCi/g	4.30E+01	6.50E+01	5.40E+01	2/2	2/2	2.50E+00	0/2	1.27E+03	0/2	1.00E+05	2/2	1.52E-01
RADS	anium-234	pCi/g	1.00E+01	1.00E+01	1.00E+01	1/1	1/1	1.20E+00	0/1	5.01E+01	0/1	5.01E+03	1/1	9.90E-01
RADS	anium-235	pCi/g	4.20E-01	4.20E-01	4.20E-01	1/1	1/1	6.00E-02	1/1	4.08E-01	0/1	4.08E+01	0/1	9.76E-01
RADS	anium-238	pCi/g	1.40E+01	1.40E+01	1.40E+01	1/1	1/1	1.20E+00	1/1	1.66E+00	0/1	1.66E+02	1/1	8.05E-01



Historical Depiction of SWMU 11

SWMU 11 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1990–2011)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Antimony	mg/kg	6.00E-01	7.00E+00	1.53E+00	18/60	18/60	2.10E-01	0/60	1.32E+01	0/60	3.96E+02	2/60	5.42E+00
METAL	Arsenic	mg/kg	2.70E-01	1.09E+01	3.06E+00	69/70	3/70	7.90E+00	23/70	3.74E+00	0/70	3.60E+02	7/70	5.84E+00
METAL	Chromium	mg/kg	2.97E+00	4.31E+01	1.64E+01	70/70	1/70	4.30E+01	51/70	9.14E+00	0/70	9.14E+02	0/70	3.60E+06
METAL	Cobalt	mg/kg	4.90E-01	1.61E+01	4.26E+00	69/70	2/70	1.30E+01	4/70	9.84E+00	0/70	2.95E+02	68/70	5.43E-01
METAL	Iron	mg/kg	3.45E+03	3.48E+04	1.45E+04	70/70	1/70	2.80E+04	7/70	2.30E+04	0/70	1.00E+05	70/70	7.04E+02
METAL	Manganese	mg/kg	6.58E+00	1.47E+03	1.74E+02	69/70	1/70	8.20E+02	2/70	7.74E+02	0/70	2.32E+04	39/70	5.65E+01
METAL	Thallium	mg/kg	1.80E-01	1.10E+00	5.97E-01	6/70	4/70	3.40E-01	4/70	3.29E-01	0/70	9.87E+00	0/70	2.85E+00
SVOC	N-Nitroso-di-n-propylamine	mg/kg	4.47E-01	4.47E-01	4.47E-01	1/91	N/A	N/A	1/91	3.79E-01	0/91	3.79E+01	1/91	1.62E-04
SVOC	Total PAH	mg/kg	5.56E-02	3.50E+00	9.64E-01	4/91	N/A	N/A	1/91	2.35E+00	0/91	1.51E+02	0/91	4.70E+00
VOC	cis-1,2-Dichloroethene	mg/kg	1.40E-03	1.20E+00	1.54E-01	19/49	N/A	N/A	0/49	6.58E+01	0/49	1.97E+03	2/49	4.12E-01
VOC	trans-1,2-Dichloroethene	mg/kg	2.10E+00	1.25E+01	6.17E+00	3/49	N/A	N/A	0/49	5.67E+01	0/49	1.70E+03	3/49	6.27E-01
VOC	Trichloroethene	mg/kg	6.00E-04	8.21E+03	2.29E+02	42/61	N/A	N/A	8/61	2.26E+00	1/61	6.78E+01	13/61	3.57E-02
VOC	Vinyl chloride	mg/kg	3.40E-03	1.10E-01	2.76E-02	5/61	N/A	N/A	0/61	4.72E+00	0/61	4.72E+02	2/61	1.38E-02
RADS	Technetium-99	pCi/g	2.00E-01	6.60E+00	8.78E-01	37/64	3/64	2.80E+00	0/64	1.55E+03	0/64	1.00E+05	37/64	1.52E-01
RADS	Uranium-234	pCi/g	4.00E-01	3.50E+00	7.60E-01	62/62	5/62	1.20E+00	0/62	4.30E+01	0/62	4.30E+03	5/62	9.90E-01
RADS	Uranium-238	pCi/g	2.00E-01	4.30E+00	7.77E-01	62/62	5/62	1.20E+00	0/62	8.98E+00	0/62	8.98E+02	8/62	8.05E-01

Legend:
 One or more samples exceed background value
 One or more samples exceed NAL value
 One or more samples exceed AL value
 One or more samples exceed SSL for Groundwater value

NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.
 Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted).
 Field replicates, or separate samples are counted independently.

Map of SWMU 11 Soil Samples

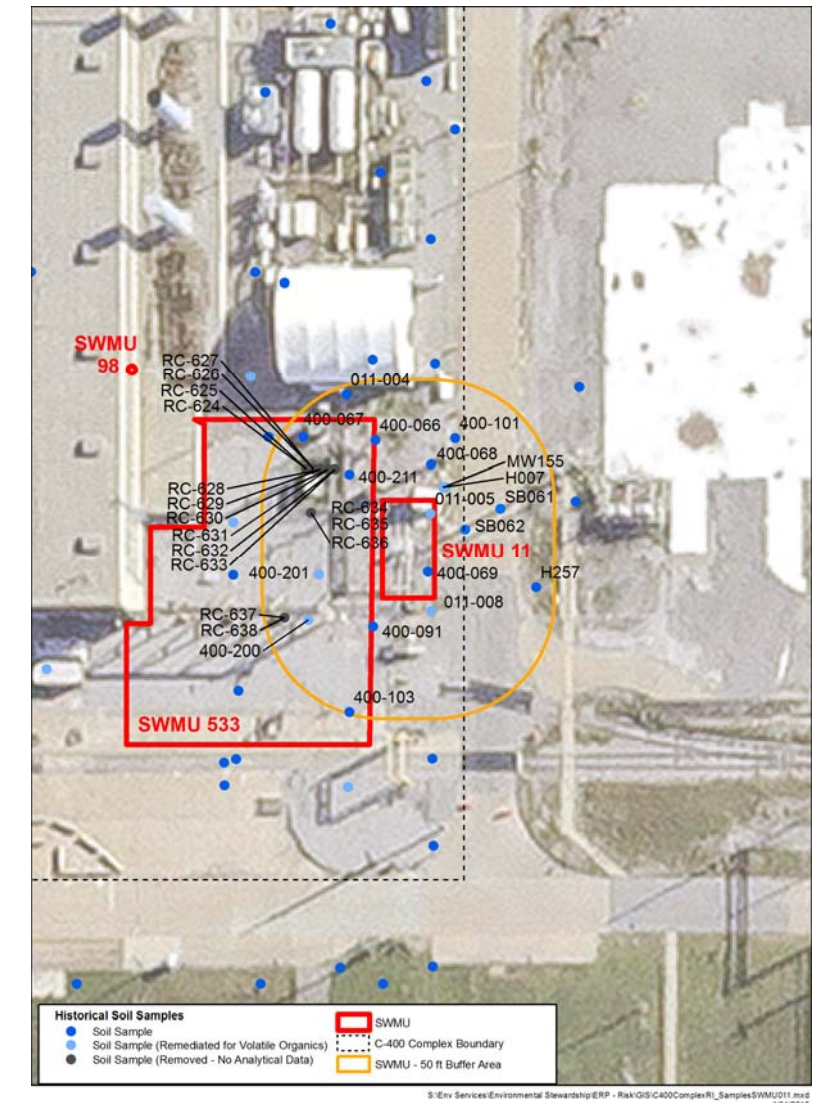


Figure 8. SWMU 11 Existing Data Summary (Soil)

SWMU 40 Surface Soil (0–1 ft bgs) Data Summary (Samples Collected 1990)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Industrial Worker		Industrial Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Uranium	mg/kg	1.50E+03	3.00E+03	2.12E+03	5/5	5/5	4.90E+00	5/5	4.66E+01	5/5	1.40E+03	5/5	2.70E+02
PPCB	Polychlorinated biphenyl	mg/kg	3.40E+00	1.10E+01	6.44E+00	5/5	0/5	N/A	5/5	2.93E-01	0/5	2.93E+01	5/5	1.56E+00

SWMU 40 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1991–1997)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Arsenic	mg/kg	5.60E-01	8.83E+00	3.14E+00	16/16	1/16	7.90E+00	5/16	3.74E+00	0/16	3.60E+02	1/16	5.84E+00
METAL	Thallium	mg/kg	6.00E-01	6.00E-01	6.00E-01	1/16	1/16	3.40E-01	1/16	3.29E-01	0/16	9.87E+00	0/16	2.85E+00
SVOC	N-Nitroso-di-n-propylamine	mg/kg	4.84E-01	4.84E-01	4.84E-01	1/16	N/A	N/A	1/16	3.79E-01	0/16	3.79E+01	1/16	1.62E-04
RADS	Technetium-99	pCi/g	4.00E-01	4.00E+00	1.60E+00	3/6	1/6	2.80E+00	0/6	1.55E+03	0/6	1.00E+05	3/6	1.52E-01
RADS	Uranium-234	pCi/g	1.90E-02	1.30E+01	3.02E+00	6/6	2/6	1.20E+00	0/6	4.30E+01	0/6	4.30E+03	2/6	9.90E-01
RADS	Uranium-238	pCi/g	4.00E-01	1.34E+01	3.76E+00	5/6	2/6	1.20E+00	1/6	8.98E+00	0/6	8.98E+02	2/6	8.05E-01

Legend:

- One or more samples exceed background value
- One or more samples exceed NAL value
- One or more samples exceed AL value
- One or more samples exceed SSL for Groundwater value

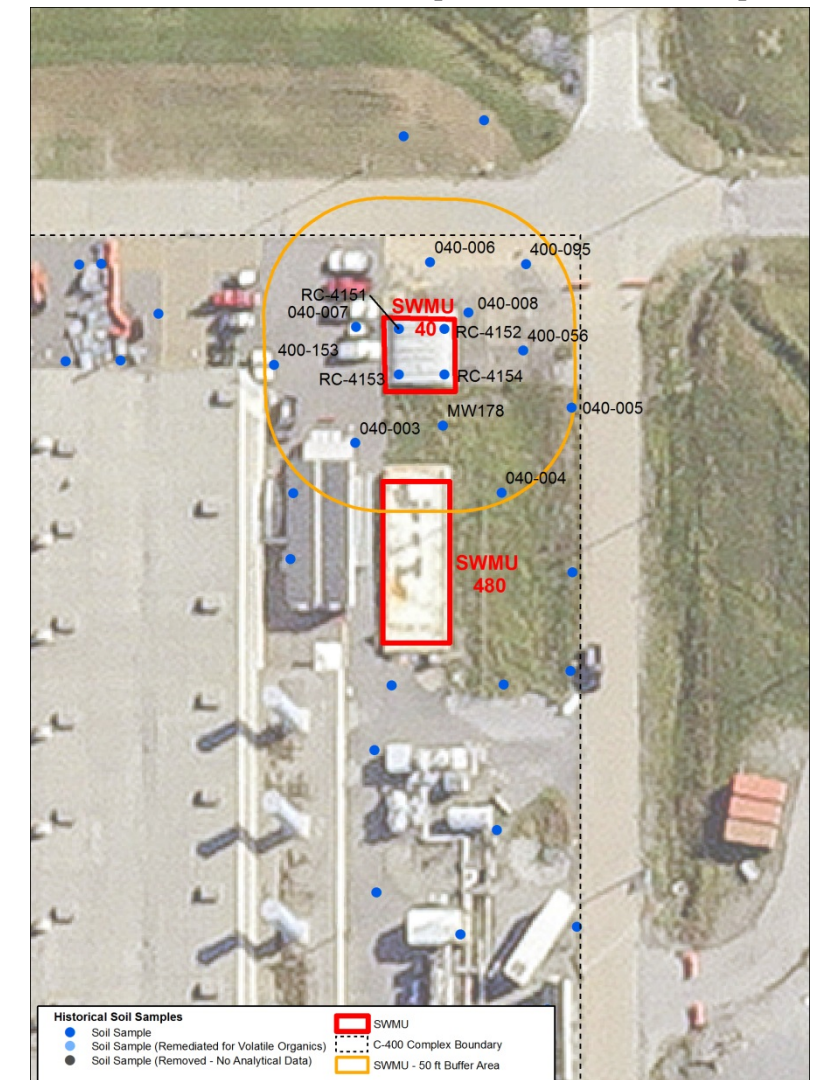
NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.

Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted). Field replicates, or separate samples are counted independently.



Historical Depiction of SWMU 40

Map of SWMU 40 Soil Samples



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Figure 9. SWMU 40 Existing Data Summary (Soil)

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SWMU 47 Surface Soil (0–1 ft bgs) Data Summary (Samples Collected 1991–1997)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Industrial Worker		Industrial Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Arsenic	mg/kg	5.46E+00	4.52E+01	1.60E+01	9/9	3/9	1.20E+01	9/9	1.60E+00	0/9	1.60E+02	7/9	5.84E+00
METAL	Chromium	mg/kg	1.27E+01	4.58E+01	2.00E+01	9/9	6/9	1.60E+01	9/9	1.23E+01	0/9	1.23E+03	0/9	3.60E+06
METAL	Cobalt	mg/kg	3.00E+00	1.43E+01	7.39E+00	9/9	1/9	1.40E+01	0/9	6.87E+01	0/9	2.06E+03	9/9	5.43E-01
METAL	Iron	mg/kg	1.50E+04	2.49E+04	2.00E+04	9/9	0/9	2.80E+04	0/9	1.00E+05	0/9	1.00E+05	9/9	7.04E+02
PPCB	Polychlorinated biphenyl	mg/kg	7.70E-02	9.60E-01	3.86E-01	3/9	N/A	N/A	1/9	2.93E-01	0/9	2.93E+01	0/9	1.56E+00
SVOC	Phenanthrene	mg/kg	2.30E-01	7.75E+01	2.00E+01	8/9	N/A	N/A	0/9	1.38E+03	0/9	4.14E+04	4/9	1.10E+01
SVOC	Pyrene	mg/kg	2.90E-01	1.11E+02	2.44E+01	8/9	N/A	N/A	0/9	6.89E+02	0/9	2.07E+04	2/9	2.63E+01
SVOC	Total PAH	mg/kg	1.95E-03	5.41E+01	1.32E+01	8/9	N/A	N/A	5/9	6.43E-01	0/9	6.43E+01	4/9	4.70E+00
RADS	Cesium-137	pCi/g	2.00E-01	1.50E+00	5.00E-01	6/9	2/9	4.90E-01	6/9	1.08E-01	0/9	1.08E+01	0/9	9.58E+00
RADS	Neptunium-237	pCi/g	2.00E-01	3.00E+00	7.90E-01	11/11	11/11	1.00E-01	10/11	2.49E-01	0/11	2.49E+01	1/11	1.07E+00
RADS	Technetium-99	pCi/g	4.50E+00	1.40E+02	3.40E+01	11/11	11/11	2.50E+00	0/11	1.27E+03	0/11	1.00E+05	11/11	1.52E-01
RADS	Uranium-234	pCi/g	2.40E+00	3.11E+01	6.22E+00	10/10	10/10	1.20E+00	0/10	5.01E+01	0/10	5.01E+03	10/10	9.90E-01
RADS	Uranium-235	pCi/g	1.80E-01	1.90E+00	4.83E-01	7/10	7/10	6.00E-02	2/10	4.08E-01	0/10	4.08E+01	1/10	9.76E-01
RADS	Uranium-238	pCi/g	2.60E+00	3.95E+01	7.75E+00	10/10	10/10	1.20E+00	10/10	1.66E+00	0/10	1.66E+02	10/10	8.05E-01

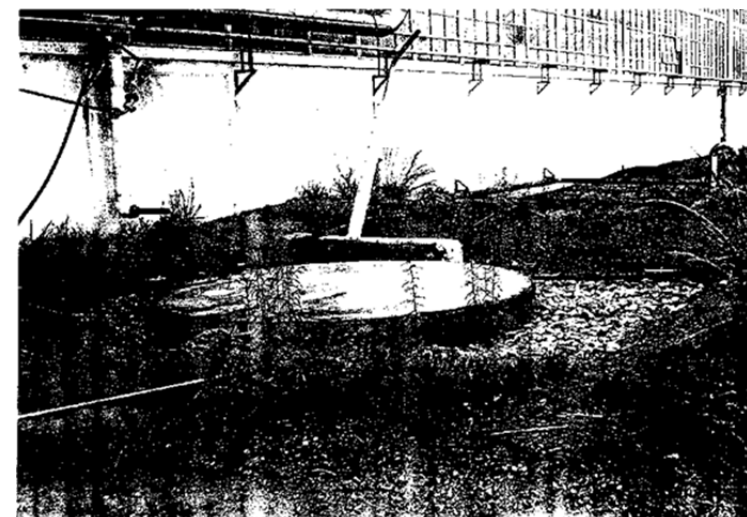
SWMU 47 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1991–1997)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater	
			Min	Max	Avg		OE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Antimony	mg/kg	6.00E-01	1.94E+01	5.40E+00	4/11	4/11	2.10E-01	1/11	1.32E+01	0/11	3.96E+02	1/11	5.42E+00
METAL	Arsenic	mg/kg	4.56E-02	8.35E+00	2.94E+00	15/15	1/15	7.90E+00	4/15	3.74E+00	0/15	3.60E+02	2/15	5.84E+00
METAL	Cadmium	mg/kg	5.00E-02	1.28E+01	3.39E+00	5/13	4/13	2.10E-01	0/13	2.53E+01	0/13	7.59E+02	1/13	7.52E+00
METAL	Chromium	mg/kg	3.30E+00	5.19E+01	1.82E+01	15/15	1/15	4.30E+01	12/15	9.14E+00	0/15	9.14E+02	0/15	3.60E+06
VOC	trans-1,2-Dichloroethene	mg/kg	2.30E+00	2.50E+00	2.40E+00	2/6	0/6	N/A	0/6	5.67E+01	0/6	1.70E+03	2/6	6.27E-01
VOC	Trichloroethene	mg/kg	9.00E-03	1.70E+00	1.15E+00	5/15	0/15	N/A	0/15	2.26E+00	0/15	6.78E+01	3/15	3.57E-02
RADS	Technetium-99	pCi/g	4.00E-01	8.20E+00	3.88E+00	5/8	2/8	2.80E+00	0/8	1.55E+03	0/8	1.00E+05	5/8	1.52E-01
RADS	Uranium-234	pCi/g	6.00E-01	4.17E+01	6.80E+00	7/7	2/7	1.20E+00	0/7	4.30E+01	0/7	4.30E+03	3/7	9.90E-01
RADS	Uranium-235	pCi/g	5.40E-02	2.20E+00	1.13E+00	2/7	1/7	6.00E-02	0/7	2.62E+00	0/7	2.62E+02	1/7	9.76E-01
RADS	Uranium-238	pCi/g	6.00E-01	4.28E+01	6.99E+00	7/7	2/7	1.20E+00	1/7	8.98E+00	0/7	8.98E+02	4/7	8.05E-01

Legend:
 One or more samples exceed background value
 One or more samples exceed NAL value
 One or more samples exceed AL value
 One or more samples exceed SSL for Groundwater value

NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.
 Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted).
 Field replicates, or separate samples are counted independently.

Map of SWMU 47 Soil Samples



Historical Depiction of SWMU 47

Figure 10. SWMU 47 Existing Data Summary (Soil)

Back to Main

No SWMU 98 Surface Soil (0–1 ft bgs) Samples Available

SWMU 98 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1997)

Type	Anal	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	AL	F	SSL	
METAL	Antimony	mg/kg	8.00E-01	1.40E+00	1.10E+00	2/10	2/10	2.10E-01	0/10	1.32E+01	0/10	3.96E+02	0/10	5.42E+00
METAL	Manganese	mg/kg	7.87E+00	8.28E+02	1.29E+02	10/10	1/10	8.20E+02	1/10	7.74E+02	0/10	2.32E+04	3/10	5.65E+01

Legend:

- One or more samples exceed background value
- One or more samples exceed NAL value
- One or more samples exceed AL value
- One or more samples exceed SSL for Groundwater value

NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.

Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted).

Field replicates, or separate samples are counted independently.



Historical Depiction of SWMU 98

Map of SWMU 98 Soil Samples

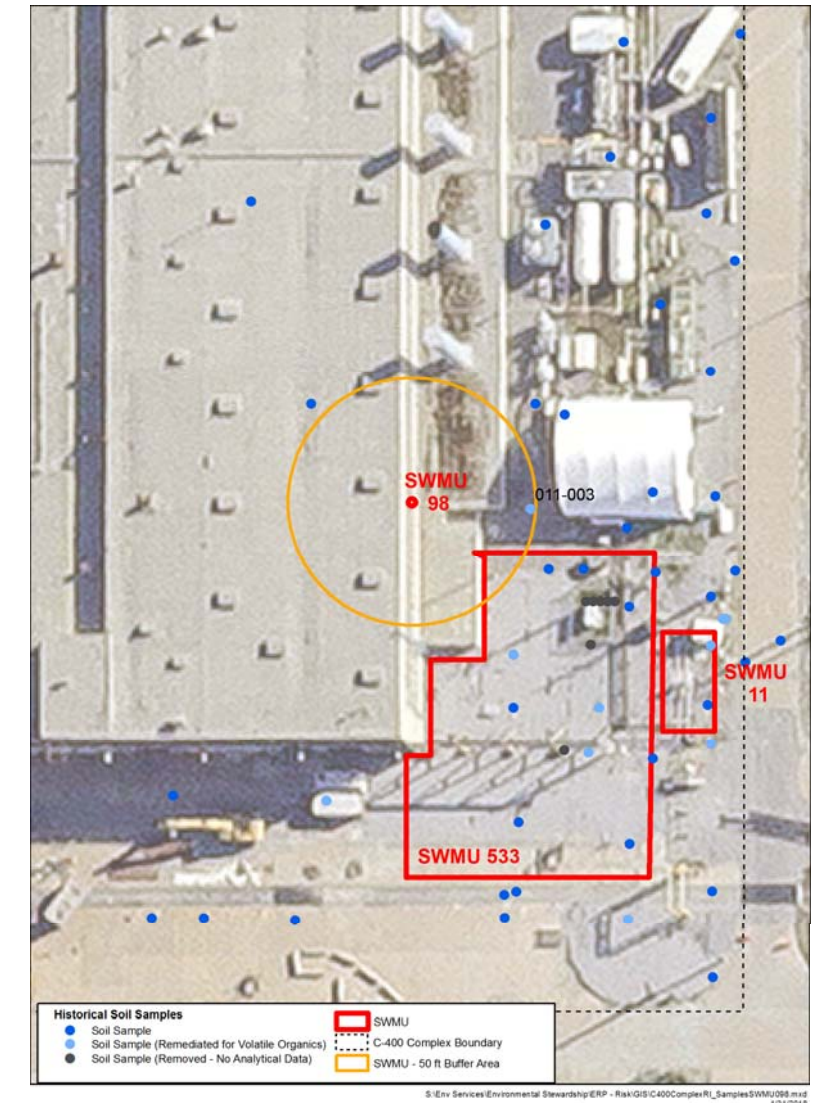


Figure 11. SWMU 98 Existing Data Summary (Soil)

No SWMU 203 Surface Soil (0–1 ft bgs) Samples Available

SWMU 203 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1997)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater*	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Antimony	mg/kg	6.00E-01	9.40E+00	2.56E+00	5/14	5/14	2.10E-01	0/14	1.32E+01	0/14	3.96E+02	1/14	5.42E+00
METAL	Arsenic	mg/kg	4.80E-01	5.29E+00	3.47E+00	14/14	0/14	7.90E+00	7/14	3.74E+00	0/14	3.60E+02	0/14	5.84E+00
METAL	Chromium	mg/kg	6.31E+00	3.29E+01	1.91E+01	14/14	0/14	4.30E+01	12/14	9.14E+00	0/14	9.14E+02	0/14	3.60E+06
METAL	Cobalt	mg/kg	1.40E+00	1.77E+01	6.84E+00	14/14	1/14	1.30E+01	2/14	9.84E+00	0/14	2.95E+02	14/14	5.43E-01
METAL	Iron	mg/kg	4.67E+03	2.72E+04	1.65E+04	14/14	0/14	2.80E+04	2/14	2.30E+04	0/14	1.00E+05	14/14	7.04E+02
METAL	Manganese	mg/kg	3.72E+01	8.87E+02	2.55E+02	14/14	1/14	8.20E+02	1/14	7.74E+02	0/14	2.32E+04	13/14	5.65E+01
METAL	Mercury	mg/kg	1.47E-02	8.30E+00	1.06E+00	8/14	1/14	1.30E-01	0/14	9.86E+00	0/14	2.96E+02	1/14	5.91E-01
SVOC	N-Nitroso-di-n-propylamine	mg/kg	5.22E-01	5.22E-01	5.22E-01	1/14	0/14	N/A	1/14	3.79E-01	0/14	3.79E+01	1/14	1.62E-04
VOC	Trichloroethene	mg/kg	4.00E-03	4.50E+00	2.25E+00	2/10	0/10	N/A	1/10	2.26E+00	0/10	6.78E+01	1/10	3.57E-02
RADS	Technetium-99	pCi/g	2.00E-01	4.33E+01	8.00E+00	6/7	2/7	2.80E+00	0/7	1.55E+03	0/7	1.00E+05	6/7	1.52E-01
RADS	Uranium-234	pCi/g	5.00E-01	7.40E+00	1.60E+00	7/7	1/7	1.20E+00	0/7	4.30E+01	0/7	4.30E+03	1/7	9.90E-01
RADS	Uranium-238	pCi/g	6.00E-01	1.48E+01	2.66E+00	7/7	1/7	1.20E+00	1/7	8.98E+00	0/7	8.98E+02	1/7	8.05E-01

Legend:

- One or more samples exceed background value
- One or more samples exceed NAL value
- One or more samples exceed AL value
- One or more samples exceed SSL for Groundwater value

NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.
 Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted).
 Field replicates, or separate samples are counted independently.



Historical Depiction of SWMU 203

Map of SWMU 203 Soil Samples

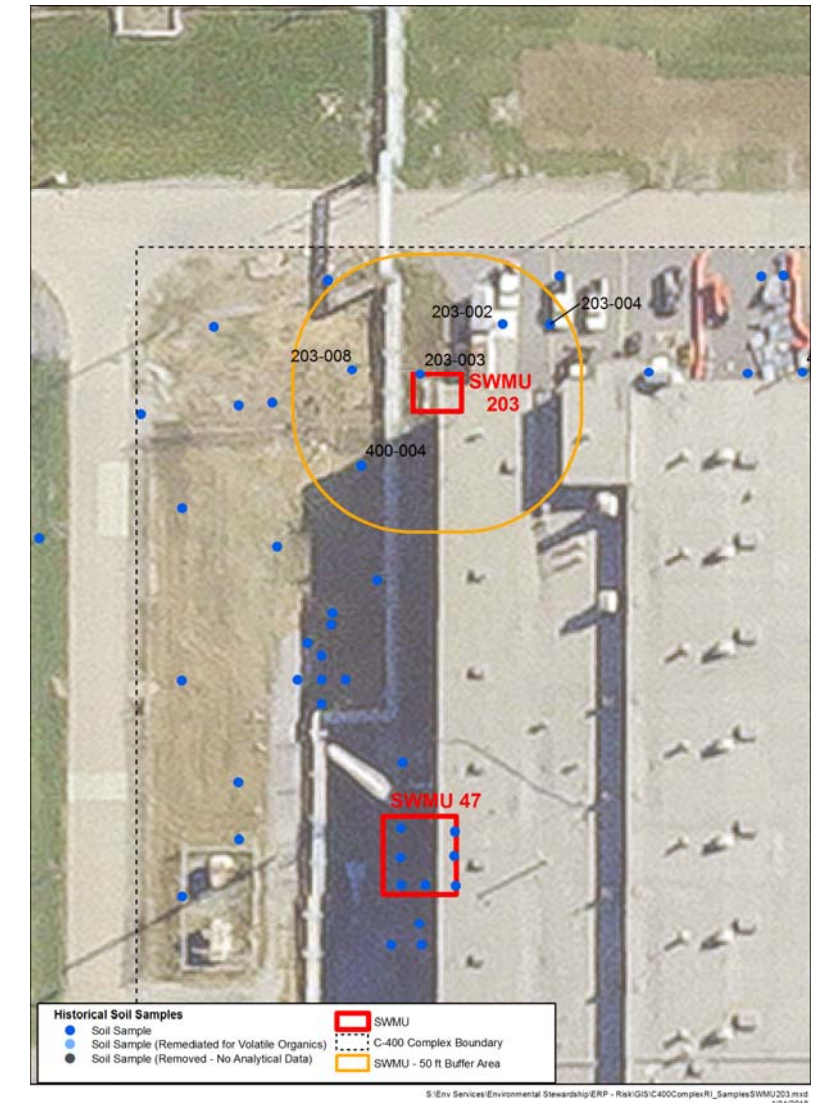


Figure 12. SWMU 203 Existing Data Summary (Soil)

SWMU 480 Surface Soil (0–1 ft bgs) Data Summary (Samples Collected 1990–1997)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Industrial Worker		Industrial Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Chromium	mg/kg	1.93E+01	1.93E+01	1.93E+01	1/1	1/1	1.60E+01	1/1	1.23E+01	0/1	1.23E+03	0/1	3.60E+06
METAL	Cobalt	mg/kg	9.76E+00	9.76E+00	9.76E+00	1/1	0/1	1.40E+01	0/1	6.87E+01	0/1	2.06E+03	1/1	5.43E-01
METAL	Iron	mg/kg	2.60E+04	2.60E+04	2.60E+04	1/1	0/1	2.80E+04	0/1	1.00E+05	0/1	1.00E+05	1/1	7.04E+02
METAL	Manganese	mg/kg	5.20E+02	5.20E+02	5.20E+02	1/1	0/1	1.50E+03	0/1	4.72E+03	0/1	1.00E+05	1/1	5.65E+01
METAL	Uranium	mg/kg	1.60E+03	2.20E+03	1.90E+03	2/2	2/2	4.90E+00	2/2	6.81E+02	2/2	2.04E+04	2/2	2.70E+02
PPCB	Polychlorinated biphenyl	mg/kg	4.30E-02	6.30E+00	2.92E+00	3/3	0/3	N/A	2/3	2.93E-01	0/3	2.93E+01	2/3	1.56E+00
RADS	Technetium-99	pCi/g	3.60E+00	3.60E+00	3.60E+00	1/1	1/1	2.50E+00	0/1	1.27E+03	0/1	1.00E+05	1/1	1.52E-01
RADS	Uranium-234	pCi/g	3.40E+00	3.40E+00	3.40E+00	1/1	1/1	1.20E+00	0/1	5.01E+01	0/1	5.01E+03	1/1	9.90E-01
RADS	Uranium-238	pCi/g	4.60E+00	4.60E+00	4.60E+00	1/1	1/1	1.20E+00	1/1	1.66E+00	0/1	1.66E+02	1/1	8.05E-01



Historical Depiction of SWMU 480

SWMU 480 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1991–1997)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Antimony	mg/kg	8.00E-01	5.50E+00	2.20E+00	4/23	4/23	2.10E-01	0/23	1.32E+01	0/23	3.96E+02	1/23	5.42E+00
METAL	Arsenic	mg/kg	9.70E-01	9.20E+00	2.97E+00	24/24	1/24	7.90E+00	7/24	3.74E+00	0/24	3.60E+02	1/24	5.84E+00
METAL	Chromium	mg/kg	5.50E+00	5.43E+01	1.92E+01	24/24	1/24	4.30E+01	20/24	9.14E+00	0/24	9.14E+02	0/24	3.60E+06
METAL	Thallium	mg/kg	6.00E-01	9.00E-01	7.60E-01	5/24	5/24	3.40E-01	5/24	3.29E-01	0/24	9.87E+00	0/24	2.85E+00
SVOC	N-Nitroso-di-n-propylamine	mg/kg	3.85E-01	6.34E-01	5.01E-01	3/24	N/A	N/A	3/24	3.79E-01	0/24	3.79E+01	3/24	1.62E-04
SVOC	Total PAH	mg/kg	4.74E+00	4.74E+00	4.74E+00	1/24	N/A	N/A	1/24	2.35E+00	0/24	1.51E+02	1/24	4.70E+00
RADS	Uranium-234	pCi/g	1.90E-02	2.00E+00	7.53E-01	6/6	1/6	1.20E+00	0/6	4.30E+01	0/6	4.30E+03	1/6	9.90E-01
RADS	Uranium-238	pCi/g	5.00E-01	2.50E+00	1.00E+00	5/6	1/6	1.20E+00	0/6	8.98E+00	0/6	8.98E+02	1/6	8.05E-01

Legend:

- One or more samples exceed background value
- One or more samples exceed NAL value
- One or more samples exceed AL value
- One or more samples exceed SSL for Groundwater value

NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.

Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted).

Field replicates, or separate samples are counted independently.

Map of SWMU 480 Soil Samples



Figure 13. SWMU 480 Existing Data Summary (Soil)

SWMU 533 Surface Soil Data (0–1 ft bgs) Summary (Sample Collected 1997)

Type	Anal	Unit	Detected Results			FOD	Provisional Background		Industrial Worker		Industrial Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	omium	mg/kg	2.36E+01	2.36E+01	2.36E+01	1/1	1/1	1.60E+01	1/1	1.23E+01	0/1	1.23E+03	0/1	3.60E+06

SWMU 533 Subsurface Soil (> 1 ft bgs) Data Summary (Samples Collected 1990–2011)

Type	Analysis	Unit	Detected Results			FOD	Provisional Background		Excavation Worker		Excavation Worker		Protection of Groundwater	
			Min	Max	Avg		FOE	Bkgd	FOE	NAL	FOE	AL	FOE	SSL
METAL	Antimony	mg/kg	6.00E-01	7.00E+00	1.44E+00	33/116	33/116	2.10E-01	0/116	1.32E+01	0/116	3.96E+02	2/116	5.42E+00
METAL	Arsenic	mg/kg	2.70E-01	1.48E+01	3.21E+00	125/126	6/126	7.90E+00	39/126	3.74E+00	0/126	3.60E+02	15/126	5.84E+00
METAL	Chromium	mg/kg	2.77E+00	5.16E+01	1.57E+01	126/126	2/126	4.30E+01	91/126	9.14E+00	0/126	9.14E+02	0/126	3.60E+06
METAL	Cobalt	mg/kg	4.90E-01	1.96E+01	4.47E+00	125/126	3/126	1.30E+01	8/126	9.84E+00	0/126	2.95E+02	123/126	5.43E-01
METAL	Iron	mg/kg	3.45E+03	3.48E+04	1.47E+04	126/126	3/126	2.80E+04	14/126	2.30E+04	0/126	1.00E+05	126/126	7.04E+02
METAL	Manganese	mg/kg	6.21E+00	1.02E+03	1.89E+02	125/126	3/126	8.20E+02	4/126	7.74E+02	0/126	2.32E+04	71/126	5.65E+01
METAL	Thallium	mg/kg	1.80E-01	1		7/126	5/126	3.40E-01	5/126	3.29E-01	0/126	9.87E+00	0/126	2.85E+00
SVOC	N-Nitroso-di-n-propylamine	mg/kg	4.47E-01	4.47E-01	4.47E-01	1/143	N/A	N/A	1/143	3.79E-01	0/143	3.79E+01	1/143	1.62E-04
SVOC	Total PAH	mg/kg	5.56E-02	3.50E+00	7.92E-01	11/143	N/A	N/A	1/143	2.35E+00	0/143	1.51E+02	0/143	4.70E+00
VOC	cis-1,2-Dichloroethene	mg/kg	1.40E-03	2.40E+00	2.07E-01	37/97	N/A	N/A	0/97	6.58E+01	0/97	1.97E+03	4/97	4.12E-01
VOC	trans-1,2-Dichloroethene	mg/kg	1.40E+00	3.40E+01	9.49E+00	10/97	N/A	N/A	0/97	5.67E+01	0/97	1.70E+03	10/97	6.27E-01
VOC	Trichloroethene	mg/kg	1.50E-03	8.21E+03	1.47E+02	68/106	N/A	N/A	26/106	2.26E+00	3/106	6.78E+01	38/106	3.57E-02
VOC	Vinyl chloride	mg/kg	1.90E-03	1.30E-01	2.82E-02	10/107	N/A	N/A	0/107	4.72E+00	0/107	4.72E+02	3/107	1.38E-02
RADS	Cesium-137	pCi/g	2.00E-01	6.00E-01	3.13E-01	32/121	22/121	2.80E-01	1/121	5.82E-01	0/121	5.82E+01	0/121	9.58E+00
RADS	Technetium-99	pCi/g	2.00E-01	6.60E+00	7.75E-01	63/123	4/123	2.80E+00	0/123	1.55E+03	0/123	1.00E+05	63/123	1.52E-01
RADS	Uranium-234	pCi/g	2.00E-01	3.50E+00	7.49E-01	121/121	9/121	1.20E+00	0/121	4.30E+01	0/121	4.30E+03	11/121	9.90E-01
RADS	Uranium-238	pCi/g	2.00E-01	4.30E+00	7.52E-01	120/121	9/121	1.20E+00	0/121	8.98E+00	0/121	8.98E+02	18/121	8.05E-01

Legend:
 One or more samples exceed background value
 One or more samples exceed NAL value
 One or more samples exceed AL value
 One or more samples exceed SSL for Groundwater value

NOTE: Data were downloaded from the OREIS data base in December 2017. See Section 2.1 for additional information.
 Counts of analyses are based on the maximum detected result from a sample (i.e., if a sample has analytical results from two different labs, only the maximum value is counted).
 Field replicates, or separate samples are counted independently.



Historical Depiction of SWMU 533

Map of SWMU 533 Soil Samples

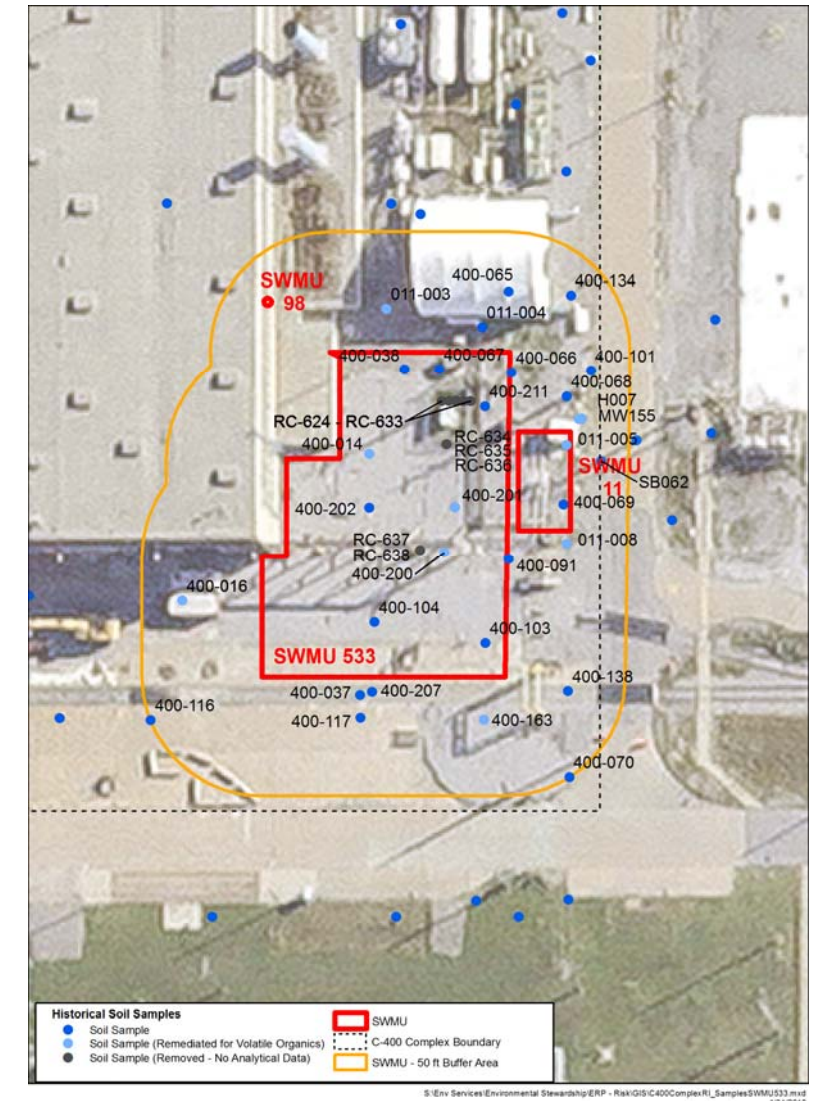


Figure 14. SWMU 533 Existing Data Summary (Soil)