3001-0302180004

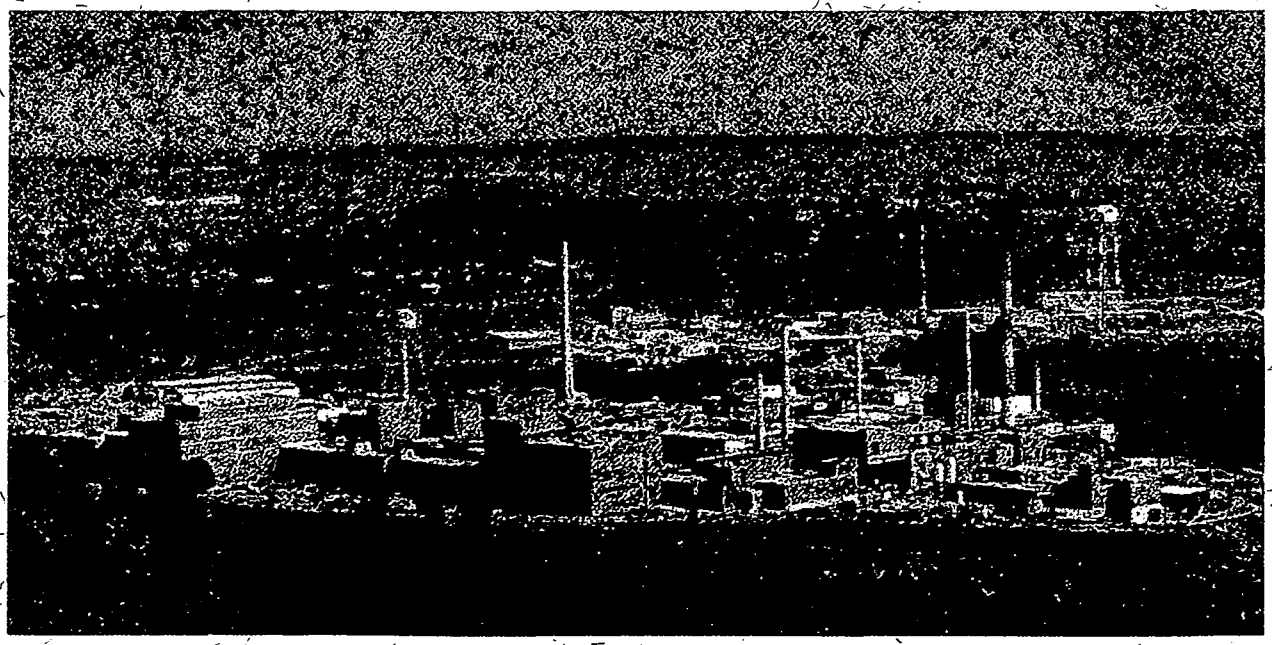
MOUND

Environmental
Restoration
Program

MOUND PLANT

Potential Release Site Package

PRS #418



REV	DESCRIPTION	DATE
WORKING DRAFT		**March 2, 2000**
DRAFT		**April 13, 2000**
DRAFT PROPOSED FINAL	Figure 2 inserted. Recommendation written and signed.	**July 13, 2000**
PUBLIC REVIEW DRAFT		**August 8, 2000**
FINAL	MMCIC comments received. Comments and Core Team responses inserted.	January 2, 2001

MOUND

Environmental Restoration Program

MOUND PLANT POTENTIAL RELEASE SITE PACKAGE

Notice of Public Review Period

The following Potential Release Site (PRS) 418 Data Package is available for public review in the CERCLA Public Reading Room, 305 E. Central Ave., Miamisburg, Ohio. Public comment on this document will be accepted August 9, 2000 through September 14, 2000.

Potential Release Site 418:
Overflow Pond South Inlet
(SM/PP Hill Drainage Flume)

Questions can be referred to Paul Lucas at (937) 865-4578.

The Mound Core Team
P.O. Box 66
Miamisburg, Ohio 45343-0066

RECEIVED
DEC 01 2000
REMEDIAL RESPONSE BR. 2
FEDERAL FACILITIES

Mr. Daniel Bird, AICP
Planning Manager
Miamisburg Mound Community Improvement Corporation
720 Mound Road
COS Bldg. 4221
Miamisburg, Ohio 45342-6714

Dear Mr. Bird:

The Core Team, consisting of the U.S. Department of Energy Miamisburg Environmental Management Project (DOE-MEMP), U.S. Environmental Protection Agency (USEPA), and the Ohio Environmental Protection Agency (OEPA), appreciates your comments on the PRS 418 Data Package. Attached are our responses.

Should the responses to comments require additional detail, please contact Rob Rothman at (937) 865-3823 and we will gladly arrange a meeting or telephone conference.

Sincerely,

DOE/MEMP: Rob S. Rothman, Remedial Project Manager

USEPA: Timothy J. Fischer, Remedial Project Manager

OEPA: Brian K. Nickel, Project Manager

MMCIC Comments

for

PRS 418 Data Package
Public Review Draft
August 8, 2000

Substantive Comments

1. A number of samples results reported in Appendix 2 of the PRS 418 Data Package show concentrations for compounds above their respective 10^{-6} Guideline Values or background values. The elevated results apply to a variety of different compounds, with plutonium-238, thorium-228, radium-226, benzo(a)pyrene, and beryllium being the five compounds which exceeded their 10^{-6} Guideline Values. The results cover a period of years. The PRS 418 Data Package indicates that only benzo(a)pyrene was detected above the 10^{-6} Guideline Value. The data package also included the statement that "The above noted radionuclides of concern [plutonium-238, thorium-228, thorium-232, and radium-226] were detected at values less than guideline criteria or background values." Were the soil sampling results actually compared to the 10^{-5} Guideline Values or was some other statistical evaluation applied to the data (i.e., the 95% upper confidence limit) that justified the statement in the PRS 418 Data Package? If so, please clarify these procedures in the data package. If not, the Core Team will want to reconsider or further explain the basis for its conclusion of No Further Assessment.

Response:

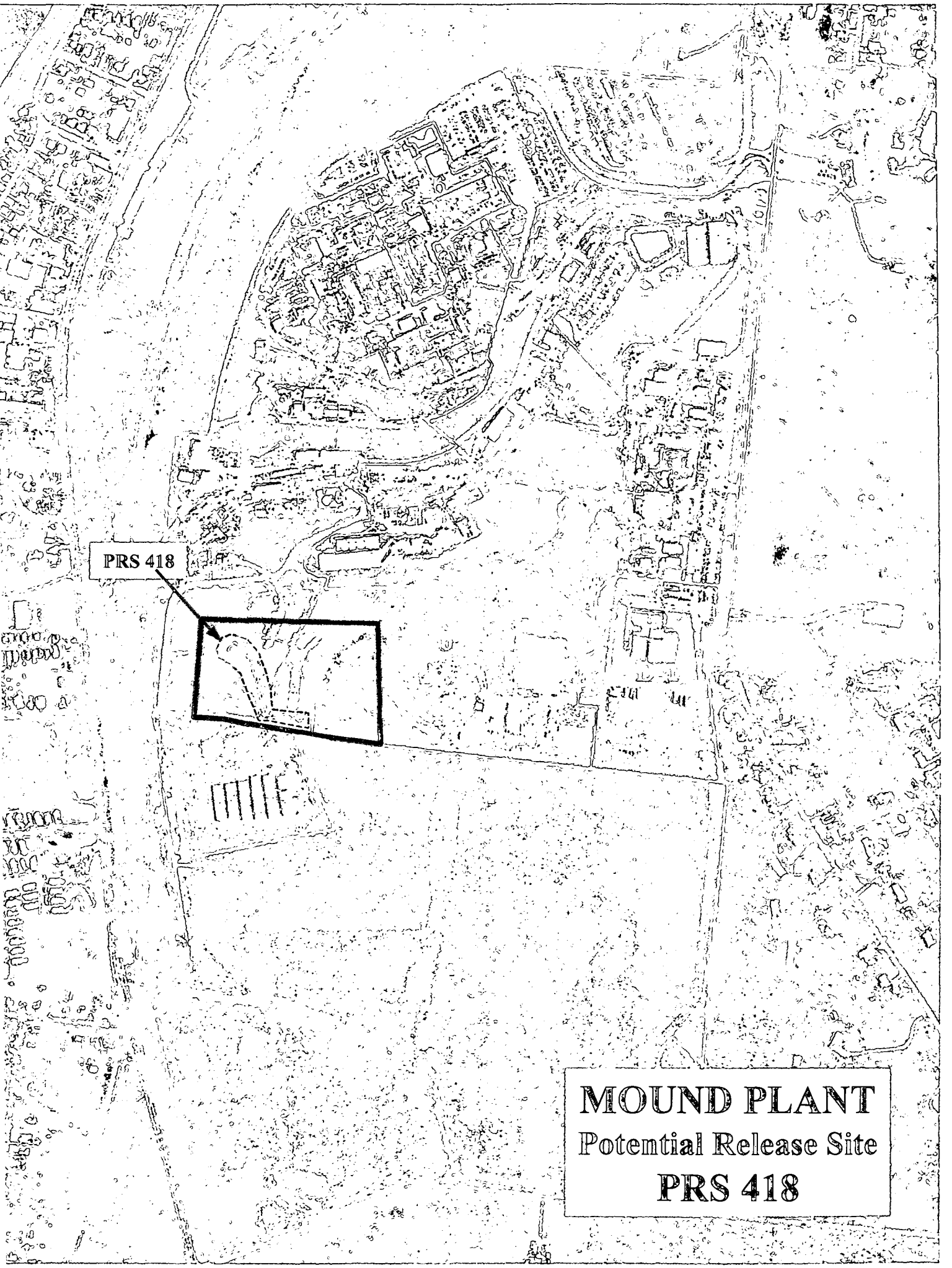
Concerning 10^{-6} Guideline Values or background values, Appendix 2 of the PRS 418 Data Package lists Radium-226 at a maximum concentration detection of 1.48 pCi/g. Although the Guideline Value is 0.14 pCi/g, the background value is 2.0 pCi/g. Thorium-228 is measured at 1.37 pCi/g. Although the Guideline Value is 0.11 pCi/g, the background value is 1.5 pCi/g. Likewise, for Beryllium, with a maximum concentration detection of 0.95 mg/kg, although the Guideline Value is 0.70 mg/kg, the background value is 1.3 mg/kg. The Guideline Value for Plutonium-238 is 55 pCi/g (10^{-5}) with a maximum concentration detection of 26.2 pCi/g. Only Benzo(a)pyrene exceeds criteria at industrial risk levels.

2. Appendix 1 of the PRS 418 Data Package includes the Executive Summary of the *Building 21 & Associated Soils On-Scene Coordinator Report* (January 2000). The Executive Summary states that the "Core Team evaluation of PRS 406 conducted under the Mound 2000 Plan determined that PRS 406 merited No Further Assessment." PRS 406 (formerly the southern area of the original PRS 283) has since been given a new designation as PRS 421, in order to address

soil sampling results in this area which may adversely impact the outcome of a residual risk evaluation of Parcel 4. We recommend that this administrative action regarding PRS 406 (421) be noted in the PRS 418 Data Package. In addition, we recommend that any potential impacts on PRS 418 from the further assessment of PRS 421 be described in the PRS 418 Data Package.

Response:

PRS 421 is a sub-area of PRS 406 and not a redesignation of PRS 406. A PRS is identified and developed to address potential contamination within a defined geographical area. As possible, it is a snapshot in time at the time of evaluation. PRS 421 was identified as a PRS when historical sampling data indicated the presence of contaminated soil in the "Ridge" area, or very northern part of PRS 406. This was illuminated by, and confirmed during the verification sampling for PRS 407. Elevated readings were also observed during a 1999 Health Physics survey to support locating power line poles for DP&L. PRS 421 was binned by the Core Team to require a Response (Removal) Action (RA). Sampling conducted after accomplishment of RA activities will yield data to be incorporated into residual risk evaluation development. References to PRS 421 did originally reside in the early author "draft" versions of the PRS 418 Data Package. As PRS 421 resides to the south of the east-west road that marks the "old property" from the "new property;" is south of PRS 407; and, because surface drainage maps show that drainage from PRS 421 does not flow into PRS 418; there was found no reason to introduce PRS 421 into the PRS 418 Data Package at this snapshot in time. References were removed. As stated in PRS 418, "Since the PRS 407 removal action is complete, there are no known potential release sites draining into the PRS 418 drainage flume. (See Figure 2.)" Should PRS 421 RA activities be deemed to affect PRS 418 at a future time; PRS 418 will be adjusted to reflect this situation.

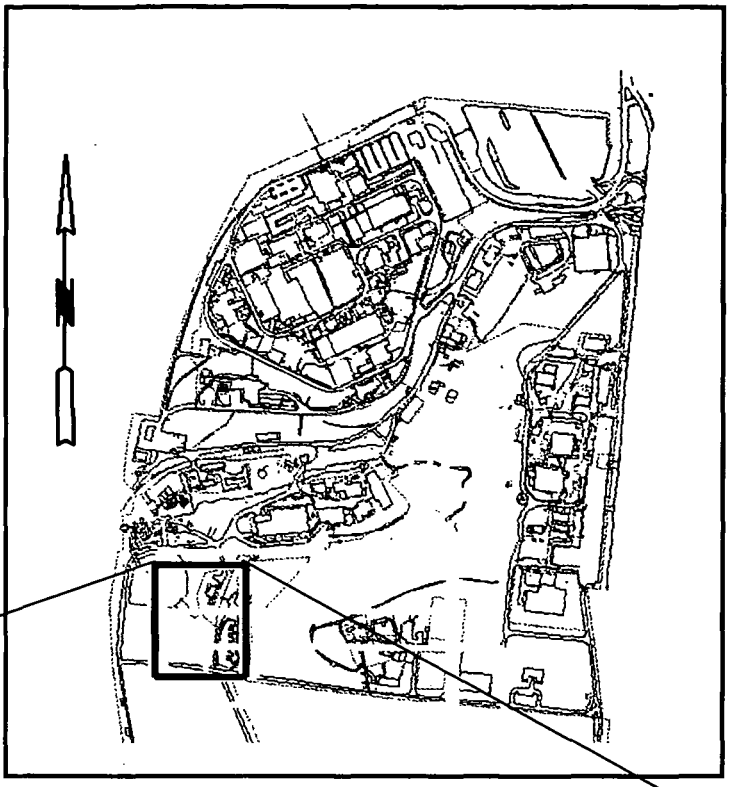

PRS 418
MOUND PLANT
Potential Release Site
PRS 418

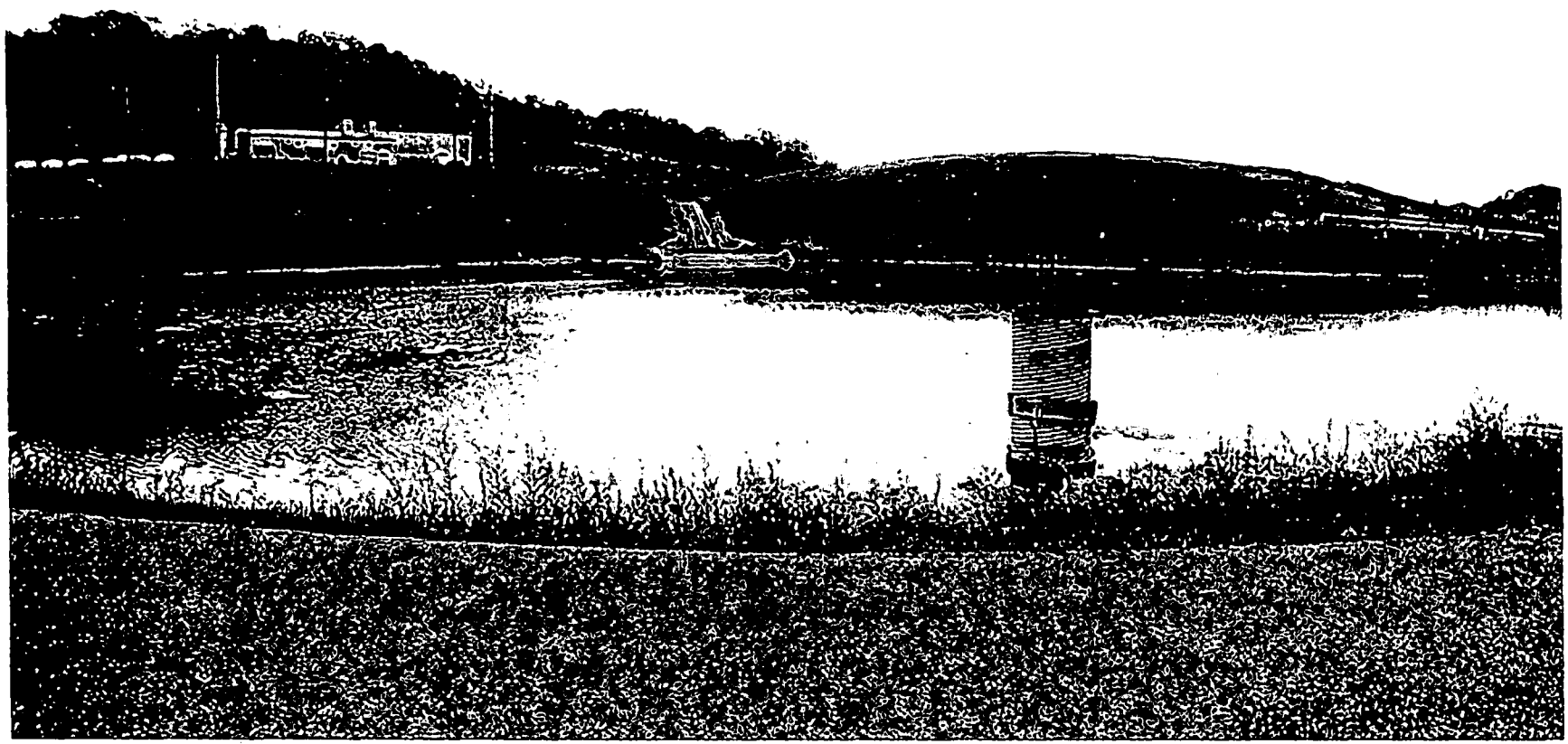
Mound Plant

PRS 418

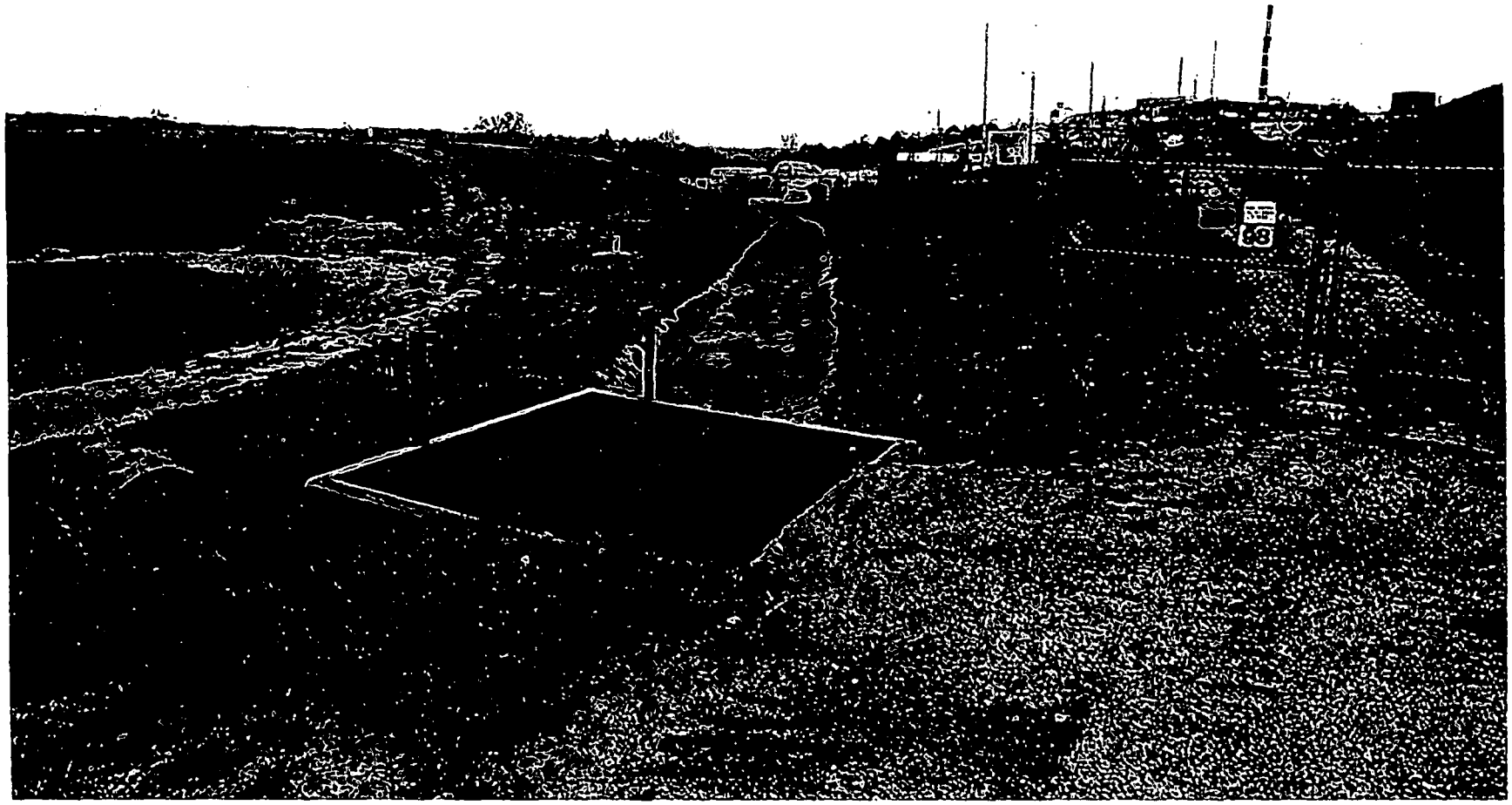
Overflow Pond South Inlet (SM/PP Hill Drainage Flume)

On the map below:
- Fencing shown in red
- Elevation contours shown in brown
- PRS number and location shown in black
- Other PRSs shown in blue





09/15/98 Drainage retention and outflow *981769



09/15/98 Drainage retention and outflow *981770

PRS 418

PRS HISTORY:

Potential Release Site (PRS) 418 identifies the Mound Plant Overflow Pond South Inlet (SM/PP Hill Drainage Flume). The Overflow Pond is identified as PRS 69. Potential Release Site 418 is one of several PRSs that comprise the Mound Plant Drainage, Retention, and Outflow Group. It is depicted in Figure 1 and serves to direct storm water runoff from the SM/PP Hill southern boundary area with the new property, into the Overflow Pond. It is bounded on the east by PRS 407 and runs west and north, terminating at PRS 69.

BACKGROUND:

PRS 418 was created to address potential contamination attributable to SM/PP Hill drainage, especially that contamination possibly associated with PRS 407 (to include PRSs 281 and 284): ^{238}Plutonium, ^{228}Thorium, ^{232}Thorium, and ^{226}Radium. PRS 407 was determined to require No Further Assessment through evaluation of soils associated with the accomplishment of the Building 21 Removal Action[1]. Since the PRS 407 removal action is complete, there are no known potential release sites draining into the PRS 418 drainage flume. (See Figure 2.)

CONTAMINATION:

Selected PRS 418 sampling information for constituents exceeding guideline criteria are presented in Table 1[2]. The above noted radionuclides of concern were detected at values less than guideline criteria or background values. PRS 346, resident in PRS 418, was determined to require No Further Assessment[3]. The Overflow Pond, PRS 69, is yet to be evaluated.

Table 1. Sampling Information-Overflow Pond South Inlet (M/PP Hill Drainage Flume)

Contaminant	Maximum Concentration Detected	Guideline Criteria (10^{-6})	Background Value
Benzo(a)pyrene	00.87 mg/kg	00.41 mg/kg	N/A

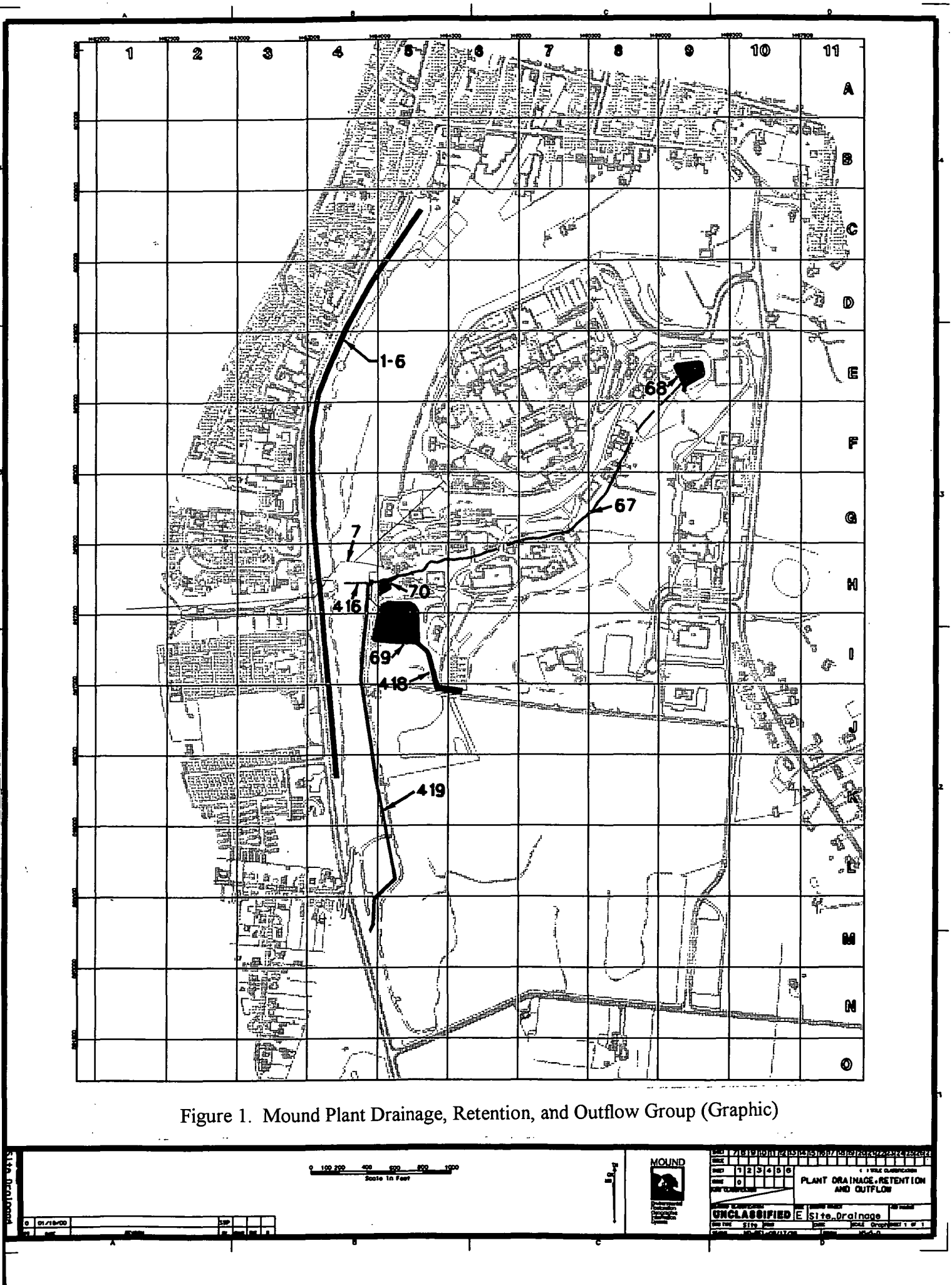
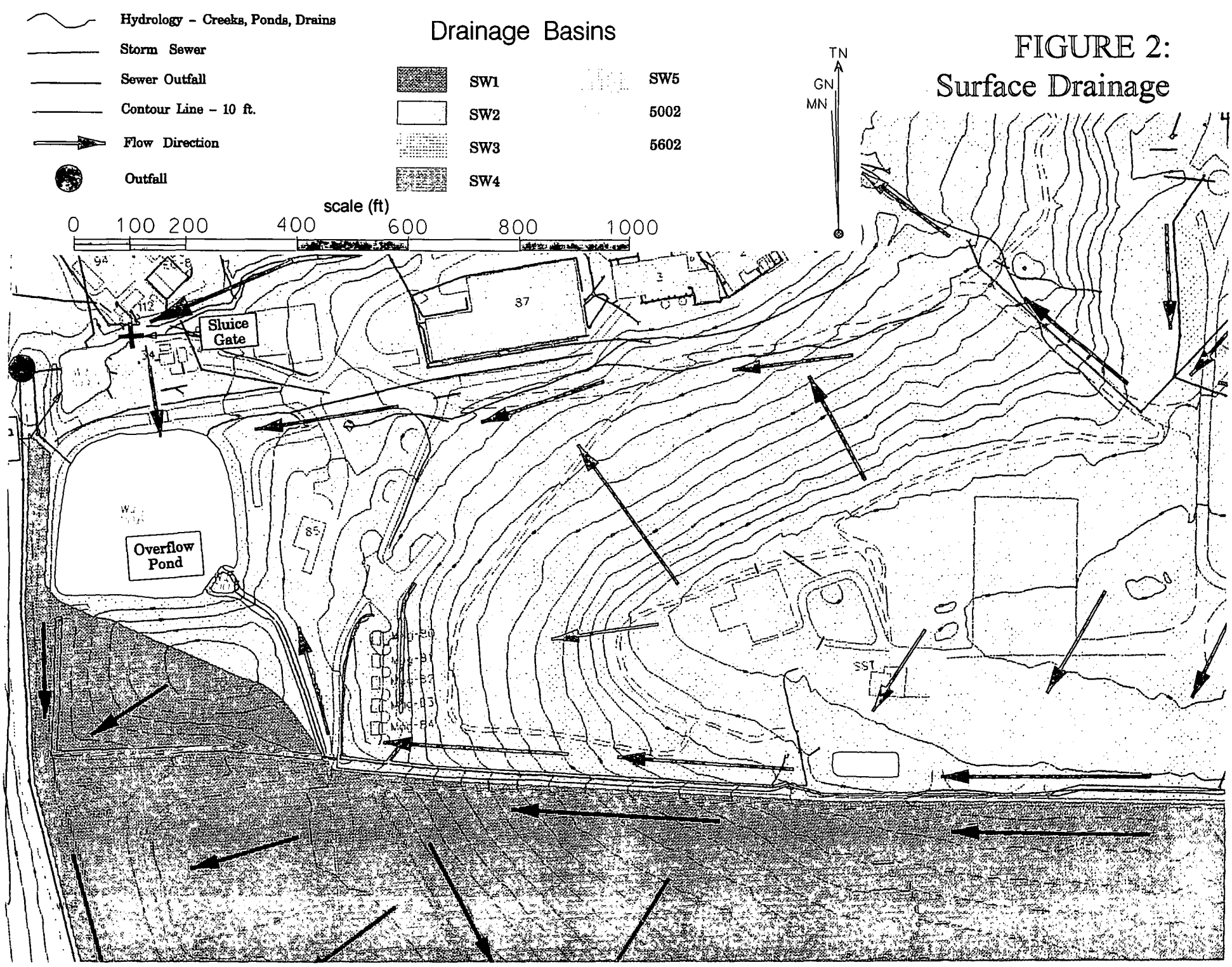


Figure 1. Mound Plant Drainage, Retention, and Outflow Group (Graphic)

FIGURE 2: Surface Drainage



READING ROOM REFERENCES:

1. *On Scene Coordinator (OSC) Report, Building 21 (PRS 284) & Associated Soils (PRS 407 and PRS 281) Decontamination & Decommissioning (D&D) Project*, Final, January 2000 (excerpt).

3. Recommendation, PRS 346 – Soil Contamination

OTHER REFERENCES:

2. GIS Sampling Information (Appendix L)

PREPARED BY:

Joseph C. Geneczko, BWXT of Ohio Technical Staff
Karen M. Arthur, BWXT of Ohio Soils Project Engineer

MOUND PLANT
PRS 418
Overflow Pond South Inlet
(SM/PP Drainage Flume)

RECOMMENDATION:

Potential Release Site (PRS) 418 identifies the Mound Plant Overflow Pond South Inlet (SM/PP Hill Drainage Flume). PRS 418 is one of several PRSs that comprise the Mound Plant Drainage, Retention, and Outflow Group. PRS 418 was created to address potential contamination attributable to SM/PP Hill drainage, especially that contamination possibly associated with PRS 407 (to include PRSs 281 and 284): ^{238}Plutonium, ^{228}Thorium, ^{232}Thorium, and ^{226}Radium. Since the PRS 407 removal action is complete, there are no known potential release sites draining into the PRS 418 drainage flume. The catch basin at the bottom of the drainage flume will continue to trap sediment and will be addressed in the future as part of PRS 69.

Although sample results for benzo(a)pyrene exceed the 10^{-6} guideline value, they are below the 10^{-5} risk level. All other constituents are below guideline criteria.

Therefore <u>NO FURTHER ASSESSMENT</u> is recommended for PRS 418.

CONCURRENCE:

DOE/MEMP:	Arthur W. Kleinrath, Remedial Project Manager	6/21/2000 (date)
USEPA:	Timothy J. Fischer, Remedial Project Manager	6/21/00 (date)
OEPA:	Brian K. Nickel, Project Manager	6/21/00 (date)

Reference Materials

For

PRS 418

Reference 1

ON SCENE COORDINATOR (OSC) REPORT

BUILDING 21 (PRS 284) & ASSOCIATED SOILS (PRS 407 AND PRS 281) DECONTAMINATION & DECOMMISSIONING (D&D) PROJECT

REMOVAL ACTION

MOUND PLANT
MIAMISBURG, OHIO

January 2000

Final

(Revision 0)

Department of Energy

BWXT of Ohio

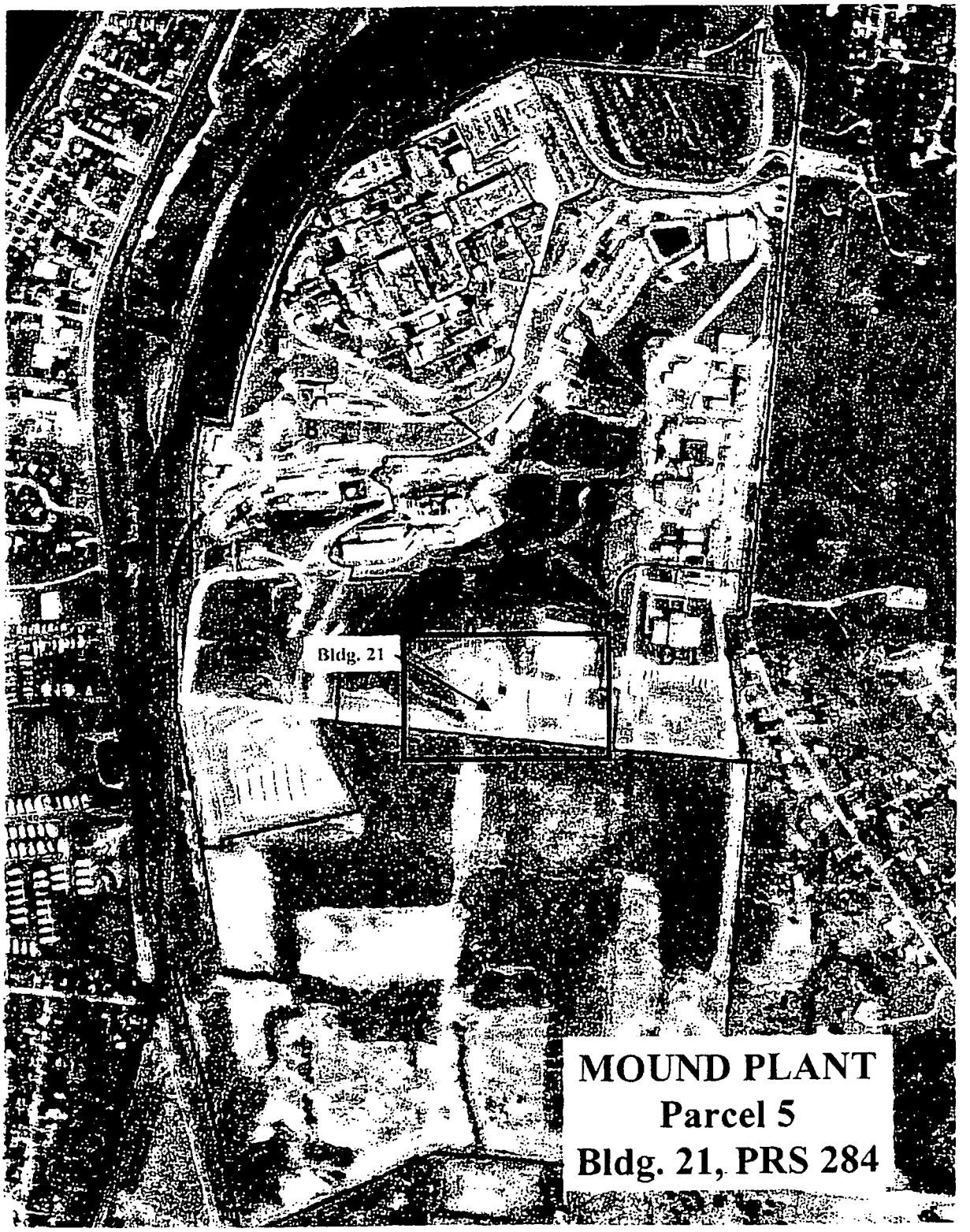


Figure 1a. Building 21 & Associated Soils

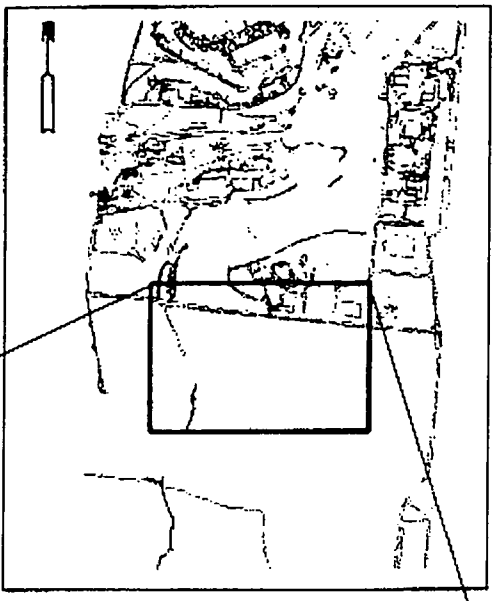
Mound Plant

Parcel 5

Building 21 (PRS284) &

Associated Soils (PRS407 & PRS281)

On the map below:
- Bldg. number and location shown in dashed black
- PRS's shown in blue
- Fencing shown in red
- Elevation contours shown in brown
- PRS283 shown in solid black



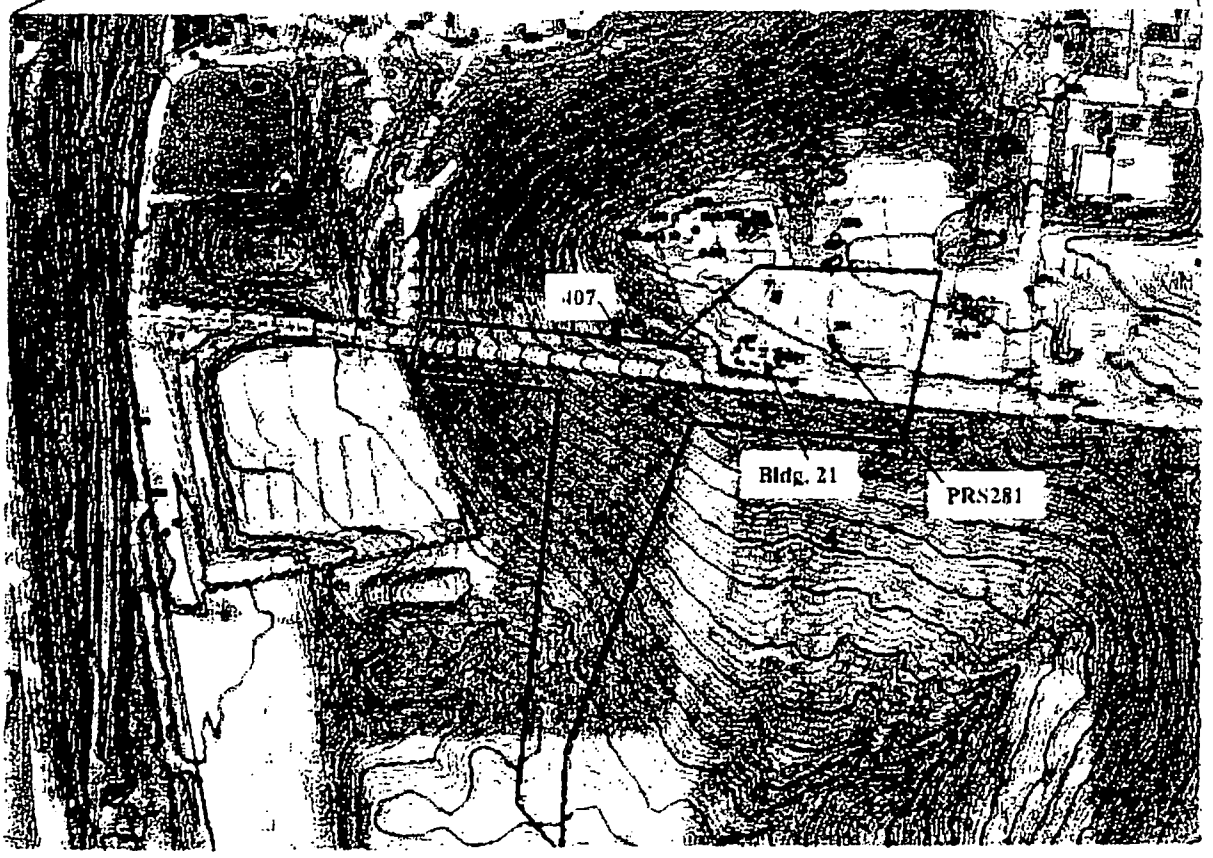


Figure 1b Building 21 & Associated Soils

EXECUTIVE SUMMARY

This On-Scene Coordinator Report briefly summarizes the history of, and serves to document the activities and conclusion of the Building 21 and Associated Soils Decontamination and Decommissioning (D&D) Project Removal Action.

This Removal Action addressed Building 21 and Associated Soils near to and on which the building resided. Building 21 was constructed for the containment of thorium sludge. It served this purpose from its construction in 1964 until 1975 when the thorium constituents were removed. The building then served to store drums of Cotter Concentrate (uranium milling waste). This concentrate was removed in 1987 and the building stood unused until its decontamination and demolition during the period of October 1996 to March 1997. Building 21 was designated as Potential Release Site (PRS) 284 in *Operable Unit 9, Site Scoping Report: Volume 12 - Site Summary Report*, (OU9, Vol. 12), Mound Plant, Miamisburg, Ohio, December 1994.

Associated Soils include PRS 407 and PRS 281. Note Figures 1a and 1b. As noted in Figure 1b, PRS 407 is located north of the east-west road and fence that form the boundary separating the original (northern) and new (southern) Mound Plant properties. PRS 407 was administratively derived from PRS 283. PRS 283 was originally created to address thorium and plutonium contamination issues thought to exist on both the northern and southern portions of the noted Mound Plant areas. The southern area of the original PRS 283 was identified as PRS 406. This administrative action was accomplished to facilitate the release of Mound Plant property to the City of Miamisburg. Core Team evaluation of PRS 406 conducted under the Mound 2000 Plan determined that PRS 406 merited No Further Assessment.

PRS 407 is comprised of approximately four (4) acres of land and surrounds Building 21. It has a complex history of surficial contamination, sampling, and shallow excavation. Contaminated soil removal activities date back to 1975. PRS 407 activities and requirements were jointly reviewed and studied by the Mound 2000 Core Team and Building 21 & Associated Soils D&D Project members. This review resulted in additional investigation and analysis, subsequently culminating in PRS soils excavation and removal during the period June 1997 to March 1998.

This excavation and soil removal included PRS 281, resident within PRS 407. OU9, Volume 12 identifies PRS 281 as a historical, isolated waste oil spill. This PRS was declared by the Core Team to require Further Assessment.

The objectives of the Removal Action included, in part, the dismantlement, demolition, and removal of Building 21 and the removal of immediately adjacent soils; the excavation and removal of contaminated soil as required in PRSs 407 and 281; and, the verification of achievement of cleanup objectives. Building 21 demolition materials and soil were shipped via truck to the Nevada Test Site (NTS). Associated soils were dispositioned via railcar to Envirocare. Verification sampling confirms that established cleanup goals were achieved.

Art Kleinrath, On-Scene Coordinator
U.S. Department of Energy
Miamisburg, Ohio

Timothy Fischer, Remedial Project Manager
U.S. EPA
Chicago, Illinois

Brian Nickel, Project Manager
Ohio EPA
Dayton, Ohio

Table 2a. Radionuclide Analysis Summary
(Also see Appendix B.)

PRS	Contaminant	Concentration Detected (pCi/g) (95% UCL Value)	Cleanup Standard (pCi/g)
407	Th-228 (+ daughters)	1.20	3.1
407	Th-230 (+ daughters)	1.02	3.2
407	Th-232 (+ daughters)	1.37	2.4
407	Pu-238	5.05	55.1
PRS	**Contaminant**	**Maximum Concentration Detected (pCi/g)**	**Cleanup Standard (pCi/g)**
281	Th-228 (+ daughters)	1.09	3.1
281	Th-230 (+ daughters)	1.07	3.2
281	Th-232 (+ daughters)	1.10	2.4
281	Pu-238	0.07	55.1
281	Ra-226	2.68	3.4

Table 2b. Chemical Analysis Summary
(See Appendix B.)

PRS	Analyte	Summary Results	Comments
407	Semi-Volatiles	Below Risk Based Guideline Values	
407	Inorganics (metals)	Below Risk Based Guideline Values	
407	Inorganics (anions)	Results within natural background	
407	TPH	Less than 904 parts per million	BUSTR Guideline
281	Lead	Below Risk Based Guideline Values & within natural background	
281	PCBs	Below method detection levels	
281	TPH	Less than 904 parts per million	BUSTR Guideline

Reference 2

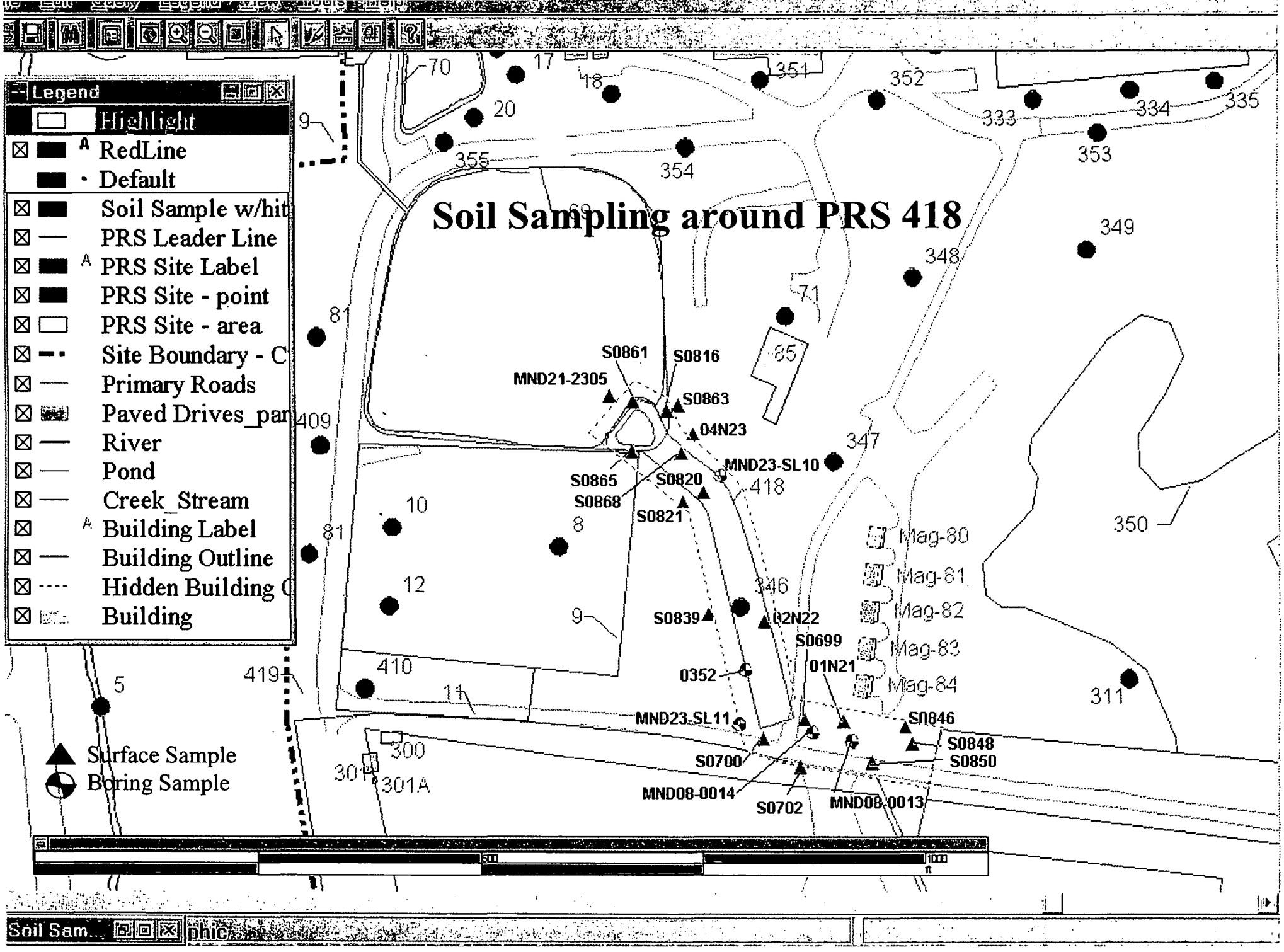
This Appendix L consists of three elements.

Element one is a graphic depiction of soil sampling in and around the subject property. Triangles signify surface sampling and circles denote boring (at dept) samples. The magenta color denotes a detection. A gray colored triangle or circle indicates a non-detection. Sampling detections are assigned a location alpha-numeric identifier.

Element two is a spreadsheet detailing the element one detections. Detections (magenta colored symbols) identified in element one are listed. The first or left-most column entries of the element two spreadsheet can be matched to the element one identifiers. Sample detections that exceed comparison values are highlighted by bold text in the "Measured Value" column of the spreadsheet. Additionally these comparison values are also identified in the "Comments" column of element two.

Element three is a table of comparison values. The constituent of concern can be found in the center column of this table, identified as "parameter name." Comparison values are located to the immediate right of these constituents. The first or left-most column of the element three table contains a single digit number identifying the basis of comparison value. Basis identification is found on the last page of the element three table, and is again, listed here:

Comparison Value Basis Number:	Comparison Value Basis Definition
1	10E-6 Risk-Based Guideline Value
2	Soil Background Value (OU9)
3	Other Criteria, Such as Mound Plant Plutonium/Thorium Protocol
5	MCL Value
6	Guideline Value Based on Hazard Index


Soil Sampling around PRS 418
Legend
Highlight
RedLine
Default
Soil Sample w/hit
PRS Leader Line
PRS Site Label
PRS Site - point
PRS Site - area
Site Boundary - C
Primary Roads
Paved Drives_par
River
Pond
Creek_Stream
Building Label
Building Outline
Hidden Building C
Building
Surface Sample
Boring Sample
S0861
S0816
MND21-2305
S0863
04N23
MND23-SL10
S0865
S0820
S0868
S0821
S0839
02N22
S0699
01N21
0352
MND23-SL11
S0846
S0848
S0850
S0700
MND08-0014
S0702
MND08-0013
Mag-80
Mag-81
Mag-82
Mag-83
Mag-84
500
1000
ft
Soil Sam...
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Location_name	Sample_id	Location_typ	Collection_d	Media	Value_name	Measured_valu	Value_unit	Detection	Chem_cla	Start	End	Depth	Cas_number	Lab	Project_cod	Data	Comment
01N21	01N21	Surface loca	19940714	Soil	Total Aromatic Hydrocarbons	336676.00	IC		GENERA	0	2	FT	AHYD		2680		
01N21	01N21	Surface loca	19940714	Soil	Total C5 TO C11 Petrolium Hydr	767672.00	IC		GENERA	0	2	FT	TOGRHY		2680		
02N22	02N22	Surface loca	19940714	Soil	Total Aromatic Hydrocarbons	905196.00	IC		GENERA	0	2	FT	AHYD		2680		
02N22	02N22	Surface loca	19940714	Soil	Total C5 TO C11 Petrolium Hydr	1575045.00	IC		GENERA	0	2	FT	TOGRHY		2680		
0352	0352-0060	Borehole	19930208	Soil	Aluminum	13000.00	MG/KG	16.07	INORG	60	61	FT	7429-90-5		MND20		
0352	0352-0060	Borehole	19930208	Soil	Arsenic	4.00	MG/KG	1.97	INORG	60	61	FT	7440-38-2		MND20		
0352	0352-0060	Borehole	19930208	Soil	Barium	10.50	MG/KG	40.20	INORG	60	61	FT	7440-39-3	B	MND20		
0352	0352-0060	Borehole	19930208	Soil	Beryllium	0.67	MG/KG	0.80	INORG	60	61	FT	7440-41-7	B	MND20		
0352	0352-0060	Borehole	19930208	Soil	Calcium	44400.00	MG/KG	1004.00	INORG	60	61	FT	7440-70-2	*	MND20		
0352	0352-0060	Borehole	19930208	Soil	Chloride	1002.10	MG/KG	5.42	ANION	60	61	FT	CL		MND20		
0352	0352-0060	Borehole	19930208	Soil	Chromium	18.40	MG/KG	2.01	INORG	60	61	FT	7440-47-3		MND20		
0352	0352-0060	Borehole	19930208	Soil	Cobalt	10.60	MG/KG	10.00	INORG	60	61	FT	7440-48-4		MND20		
0352	0352-0060	Borehole	19930208	Soil	Copper	29.90	MG/KG	5.02	INORG	60	61	FT	7440-50-8	*	MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Cyanide	0.15	MG/KG		INORG	60	61	FT	57-12-5	B	MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Fluoride	2.44	MG/KG	0.54	ANION	60	61	FT	FL		MND20		
0352	0352-0060	Borehole	19930208	Soil	Iron	26800.00	MG/KG	20.10	INORG	60	61	FT	7439-89-6	*	MND20		
0352	0352-0060	Borehole	19930208	Soil	Lead	6.60	MG/KG	0.59	INORG	60	61	FT	7439-92-1		MND20		
0352	0352-0060	Borehole	19930208	Soil	Lithium	33.30	MG/KG	10.00	INORG	60	61	FT	7439-93-2		MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Magnesium	12200.00	MG/KG	1004.00	INORG	60	61	FT	7439-95-4	*	MND20		
0352	0352-0060	Borehole	19930208	Soil	Manganese	489.00	MG/KG	3.01	INORG	60	61	FT	7439-96-5	*	MND20		
0352	0352-0060	Borehole	19930208	Soil	Molybdenum	6.90	MG/KG	2.01	INORG	60	61	FT	7439-98-7		MND20		
0352	0352-0060	Borehole	19930208	Soil	Nickel	26.20	MG/KG	8.03	INORG	60	61	FT	7440-02-0		MND20		
0352	0352-0060	Borehole	19930208	Soil	Nitrate	1.10	MG/KG	1.08	ANION	60	61	FT	NO3		MND20		
0352	0352-0060	Borehole	19930208	Soil	Organic Carbon	8966.00	MG/KG	23.00	GENERA	60	61	FT	TOC		MND20		
0352	0352-0060	Borehole	19930208	Soil	Plutonium-238	0.18	PCI/G	0.05	RAD	60	61	FT	13981-16-3		MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Potassium	2200.00	MG/KG	3013.00	INORG	60	61	FT	7440-09-7	B	MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Potassium-40	30.00	PCI/G	1.10	RAD	60	61	FT	13966-00-2		MND20		
0352	0352-0060	Borehole	19930208	Soil	Radium-226	0.87	PCI/G	0.20	RAD	60	61	FT	13982-63-3		MND20		1-Exceeds soil 10-6 GV.
0352	0352-0060	Borehole	19930208	Soil	Silver	8.10	MG/KG	2.01	INORG	60	61	FT	7440-22-4		MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Sodium	1270.00	MG/KG	1004.00	INORG	60	61	FT	7440-23-5		MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Strontium-90	0.64	PCI/G	0.48	RAD	60	61	FT	10098-97-2		MND20		
0352	0352-0060	Borehole	19930208	Soil	Sulfate	70.00	MG/KG	21.70	ANION	60	61	FT	SO4		MND20		
0352	0352-0060	Borehole	19930208	Soil	Thorium-228	0.97	PCI/G	0.25	RAD	60	61	FT	14274-82-9		MND20		1-Exceeds soil 10-6 GV.
0352	0352-0060	Borehole	19930208	Soil	Thorium-230	1.15	PCI/G	0.14	RAD	60	61	FT	14269-63-7		MND20		
0352	0352-0060	Borehole	19930208	Soil	Thorium-232	0.97	PCI/G	0.05	RAD	60	61	FT	7440-29-1		MND20		
0352	0352-0060	Borehole	19930208	Soil	Uranium-234	1.11	PCI/G	0.15	RAD	60	61	FT	13966-29-5		MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Uranium-238	1.13	PCI/G	0.10	RAD	60	61	FT	7440-61-1		MND20		
0352	0352-0060	Borehole	19930208	Soil	Vanadium	29.30	MG/KG	2.01	INORG	60	61	FT	7440-62-2		MND20		2-Exceeds background value.
0352	0352-0060	Borehole	19930208	Soil	Zinc	67.50	MG/KG	4.02	INORG	60	61	FT	7440-66-6	*	MND20		
04N23	04N23	Surface loca	19940712	Soil	Total Aromatic Hydrocarbons	107925.00	IC		GENERA	0	2	FT	AHYD		2680		
04N23	04N23	Surface loca	19940712	Soil	Total C5 TO C11 Petrolium Hydr	185399.00	IC		GENERA	0	2	FT	TOGRHY		2680		
04N23	04N23	Surface loca	19940712	Soil	Total Semivolatile Hydrocarbons	1173.00	IC		GENERA	0	2	FT	TSVHYC		2680		
MND08-0013	0013-0001	Borehole	19890808	Soil	2-Butanone	17.00	UG/KG	11.00	ORVOA	1	2	FT	78-93-3	B	OU6RECON	B	
MND08-0013	0013-0001	Borehole	19890808	Soil	4-Methyl-2-pentanone	1.00	UG/KG	11.00	ORVOA	1	2	FT	108-10-1	JB	OU6RECON	BU	
MND08-0013	0013-0001	Borehole	19890808	Soil	Acetone	150.00	UG/KG	11.00	ORVOA	1	2	FT	67-64-1	B	OU6RECON	JB	
MND08-0013	0013-0001	Borehole	19890808	Soil	Methylene Chloride	4.00	UG/KG	6.00	ORVOA	1	2	FT	75-09-2	JB	OU6RECON	BU	
MND08-0013	0013-0003	Borehole	19890722	Soil	Aluminum	6450.00	MG/KG	0.00	INORG	1	4	FT	7429-90-5		OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Arsenic	5.90	MG/KG	0.00	INORG	1	4	FT	7440-38-2		OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Barium	483.00	MG/KG	0.00	INORG	1	4	FT	7440-39-3		OU6RECON		2-Exceeds background value.
MND08-0013	0013-0003	Borehole	19890722	Soil	Beryllium	0.91	MG/KG	0.00	INORG	1	4	FT	7440-41-7		OU6RECON		1-Exceeds soil 10-6 GV.
MND08-0013	0013-0003	Borehole	19890722	Soil	Cadmium	6.70	MG/KG	0.00	INORG	1	4	FT	7440-43-9	E	OU6RECON		2-Exceeds background value.
MND08-0013	0013-0003	Borehole	19890722	Soil	Calcium	98600.00	MG/KG	0.00	INORG	1	4	FT	7440-70-2		OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Chromium	17.10	MG/KG	0.00	INORG	1	4	FT	7440-47-3	N	OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Cobalt	10.90	MG/KG	0.00	INORG	1	4	FT	7440-48-4	N	OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Copper	11.10	MG/KG	0.00	INORG	1	4	FT	7440-50-8	N	OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Iron	12500.00	MG/KG	0.00	INORG	1	4	FT	7439-89-6		OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Lead	10.70	MG/KG	0.00	INORG	1	4	FT	7439-92-1	N	OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Magnesium	44400.00	MG/KG	0.00	INORG	1	4	FT	7439-95-4		OU6RECON		2-Exceeds background value.
MND08-0013	0013-0003	Borehole	19890722	Soil	Nickel	28.20	MG/KG	0.00	INORG	1	4	FT	7440-02-0	N	OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Plutonium-238	6.00	PCI/G		RAD	1	4	FT	13981-16-3		OU6RECON		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND08-0013	0013-0003	Borehole	19890808	Soil	Plutonium-238	11.00	PCI/G		RAD	1	4	FT	13981-16-3		OU6RECON		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND08-0013	0013-0003	Borehole	19890722	Soil	Potassium	1700.00	MG/KG	0.00	INORG	1	4	FT	7440-09-7		OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Sodium	2400.00	MG/KG	0.00	INORG	1	4	FT	7440-23-5		OU6RECON		2-Exceeds background value.
MND08-0013	0013-0003	Borehole	19890722	Soil	Thorium-232	1.20	PCI/G		RAD	1	4	FT	7440-29-1		OU6RECON		
MND08-0013	0013-0003	Borehole	19890808	Soil	Thorium-232	0.70	PCI/G		RAD	1	4	FT	7440-29-1		OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Vanadium	22.20	MG/KG	0.00	INORG	1	4	FT	7440-62-2	E	OU6RECON		
MND08-0013	0013-0003	Borehole	19890722	Soil	Zinc	313.00	MG/KG	0.00	INORG	1	4	FT	7440-66-6	N	OU6RECON		2-Exceeds background value.
MND08-0014	0014-0001	Borehole	19890808	Soil	Acetone	18.00	UG/KG	11.00	ORVOA	1	2	FT	67-64-1	B	OU6RECON	BU	
MND08-0014	0014-0001	Borehole	19890808	Soil	Methylene Chloride	6.00	UG/KG	6.00	ORVOA	1	2	FT	75-09-2	B	OU6RECON	BU	
MND08-0014	0014-0001	Borehole	19890808	Soil	Toluene	2.00	UG/KG	6.00	ORVOA	1	2	FT	108-88-3	J	OU6RECON	J	
MND08-0014	0014-0003	Borehole	19890808	Soil	Acetone	5.00	UG/KG	11.00	ORVOA	1	3	FT	67-64-1	JB	OU6RECON	BU	
MND08-0014	0014-0003	Borehole	19890722	Soil	Aluminum	5690.00	MG/KG	0.00	INORG	1	4	FT	7429-90-5		OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Arsenic	4.20	MG/KG	0.00	INORG	1	4	FT	7440-38-2		OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Barium	374.00	MG/KG	0.00	INORG	1	4	FT	7440-39-3		OU6RECON		2-Exceeds background value.

MND08-0014	0014-0003	Borehole	19890722	Soil	Beryllium	0.86	MG/KG	0.00	INORG	1	4	FT	7440-41-7		OU6RECON		1-Exceeds soil 10-6 GV.
MND08-0014	0014-0003	Borehole	19890808	Soil	Bromodichloromethane	5.00	UG/KG	6.00	ORVOA	1	3	FT	75-27-4	J	OU6RECON	J	
MND08-0014	0014-0003	Borehole	19890722	Soil	Cadmium	6.60	MG/KG	0.00	INORG	1	4	FT	7440-43-9	E	OU6RECON		2-Exceeds background value.
MND08-0014	0014-0003	Borehole	19890722	Soil	Calcium	104000.00	MG/KG	0.00	INORG	1	4	FT	7440-70-2		OU6RECON		
MND08-0014	0014-0003	Borehole	19890808	Soil	Chloroform	24.00	UG/KG	6.00	ORVOA	1	3	FT	67-66-3		OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Chromium	15.40	MG/KG	0.00	INORG	1	4	FT	7440-47-3	N	OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Cobalt	10.60	MG/KG	0.00	INORG	1	4	FT	7440-48-4	N	OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Copper	8.50	MG/KG	0.00	INORG	1	4	FT	7440-50-8	N	OU6RECON		
MND08-0014	0014-0003	Borehole	19890808	Soil	Dibromochloromethane	1.00	UG/KG	6.00	ORVOA	1	3	FT	124-48-1	J	OU6RECON	J	
MND08-0014	0014-0003	Borehole	19890722	Soil	Iron	11000.00	MG/KG	0.00	INORG	1	4	FT	7439-89-6		OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Lead	6.20	MG/KG	0.00	INORG	1	4	FT	7439-92-1	N	OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Magnesium	48500.00	MG/KG	0.00	INORG	1	4	FT	7439-95-4		OU6RECON		2-Exceeds background value.
MND08-0014	0014-0003	Borehole	19890808	Soil	Methylene Chloride	3.00	UG/KG	6.00	ORVOA	1	3	FT	75-09-2	JB	OU6RECON	BU	
MND08-0014	0014-0003	Borehole	19890722	Soil	Nickel	25.30	MG/KG	0.00	INORG	1	4	FT	7440-02-0	N	OU6RECON		
MND08-0014	0014-0003	Borehole	19890808	Soil	Phenol	85.00	UG/KG	390.00	ORSVO	1	3	FT	108-95-2	J	OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Plutonium-238	10.00	PCI/G		RAD	1	4	FT	13981-16-3		OU6RECON		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND08-0014	0014-0003	Borehole	19890808	Soil	Plutonium-238	9.00	PCI/G		RAD	1	3	FT	13981-16-3		OU6RECON		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND08-0014	0014-0003	Borehole	19890722	Soil	Potassium	1140.00	MG/KG	0.00	INORG	1	4	FT	7440-09-7		OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Sodium	1800.00	MG/KG	0.00	INORG	1	4	FT	7440-23-5		OU6RECON		2-Exceeds background value.
MND08-0014	0014-0003	Borehole	19890722	Soil	Thorium-232	0.50	PCI/G		RAD	1	4	FT	7440-29-1		OU6RECON		
MND08-0014	0014-0003	Borehole	19890808	Soil	Thorium-232	0.80	PCI/G		RAD	1	3	FT	7440-29-1		OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Vanadium	21.20	MG/KG	0.00	INORG	1	4	FT	7440-62-2	E	OU6RECON		
MND08-0014	0014-0003	Borehole	19890722	Soil	Zinc	241.00	MG/KG	0.00	INORG	1	4	FT	7440-66-6	N	OU6RECON		2-Exceeds background value.
MND08-0014	2014-0003	Borehole	19890722	Soil	Aluminum	6960.00	MG/KG	0.00	INORG	1	4	FT	7429-90-5		OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Barium	554.00	MG/KG	0.00	INORG	1	4	FT	7440-39-3		OU6RECON		2-Exceeds background value.
MND08-0014	2014-0003	Borehole	19890722	Soil	Beryllium	0.95	MG/KG	0.00	INORG	1	4	FT	7440-41-7	B	OU6RECON		1-Exceeds soil 10-6 GV.
MND08-0014	2014-0003	Borehole	19890722	Soil	Cadmium	6.30	MG/KG	0.00	INORG	1	4	FT	7440-43-9	E	OU6RECON		2-Exceeds background value.
MND08-0014	2014-0003	Borehole	19890722	Soil	Calcium	87800.00	MG/KG	0.00	INORG	1	4	FT	7440-70-2		OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Chromium	19.60	MG/KG	0.00	INORG	1	4	FT	7440-47-3	N	OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Cobalt	11.90	MG/KG	0.00	INORG	1	4	FT	7440-48-4	N	OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Copper	11.00	MG/KG	0.00	INORG	1	4	FT	7440-50-8	N	OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Iron	14100.00	MG/KG	0.00	INORG	1	4	FT	7439-89-6		OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Lead	5.40	MG/KG	0.00	INORG	1	4	FT	7439-92-1	N	OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Magnesium	36900.00	MG/KG	0.00	INORG	1	4	FT	7439-95-4		OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Nickel	30.20	MG/KG	0.00	INORG	1	4	FT	7440-02-0	N	OU6RECON		
MND08-0014	2014-0003	Borehole	19890808	Soil	Phenol	120.00	UG/KG	380.00	ORSVO	1	4	FT	108-95-2	J	OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Potassium	1950.00	MG/KG	0.00	INORG	1	4	FT	7440-09-7		OU6RECON		2-Exceeds background value.
MND08-0014	2014-0003	Borehole	19890722	Soil	Silver	2.70	MG/KG	0.00	INORG	1	4	FT	7440-22-4		OU6RECON		2-Exceeds background value.
MND08-0014	2014-0003	Borehole	19890722	Soil	Sodium	2610.00	MG/KG	0.00	INORG	1	4	FT	7440-23-5		OU6RECON		2-Exceeds background value.
MND08-0014	2014-0003	Borehole	19890722	Soil	Vanadium	23.90	MG/KG	0.00	INORG	1	4	FT	7440-62-2	E	OU6RECON		
MND08-0014	2014-0003	Borehole	19890722	Soil	Zinc	350.00	MG/KG	0.00	INORG	1	4	FT	7440-66-6	N	OU6RECON		2-Exceeds background value.
MND21-2305	000331	Surface loca	19950601	Surface	Alkalinity	181.00	MG/L		GENERA	0	0	NA	ALK		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Alkalinity	181.00	MG/L		GENERA	0	0	NA	ALK		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Aluminum	461.00	UG/L	19.20	INORG	0	0	NA	7429-90-5		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Barium	41.10	UG/L	0.20	INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Barium	42.10	UG/L	0.20	INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Bismuth	59.00	UG/L	2.60	INORG	0	0	NA	7440-69-9	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Calcium	47200.00	UG/L	28.50	INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Calcium	51500.00	UG/L	28.50	INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Chloride	222.00	MG/L		ANION	0	0	NA	CL		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Chromium	1.50	UG/L	0.90	INORG	0	0	NA	7440-47-3	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Cobalt	0.81	UG/L	0.60	INORG	0	0	NA	7440-48-4	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Copper	10.00	UG/L	0.70	INORG	0	0	NA	7440-50-8	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Copper	5.80	UG/L	0.70	INORG	0	0	NA	7440-50-8	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Dissolved Solids	622.00	MG/L		GENERA	0	0	NA	TDS		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Fluoride	0.17	MG/L		ANION	0	0	NA	FL		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	HMX	0.46	UG/L	20.00	OREXP	0	0	NA	2691-41-0	J	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Iron	552.00	UG/L	15.70	INORG	0	0	NA	7439-89-6		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Lithium	5.70	UG/L	3.80	INORG	0	0	NA	7439-93-2	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Lithium	4.40	UG/L	3.80	INORG	0	0	NA	7439-93-2	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Magnesium	15900.00	UG/L	4.00	INORG	0	0	NA	7439-95-4		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Magnesium	14100.00	UG/L	4.00	INORG	0	0	NA	7439-95-4		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Manganese	0.82	UG/L	0.30	INORG	0	0	NA	7439-96-5	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Manganese	48.00	UG/L	0.30	INORG	0	0	NA	7439-96-5		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Molybdenum	112.00	UG/L	1.70	INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Molybdenum	107.00	UG/L	1.70	INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Nickel	5.40	UG/L	1.40	INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Nickel	2.10	UG/L	1.40	INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Nitrate-Nitrite-N	0.42	MG/L		ANION	0	0	NA	NO2/NO3		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Nitrogen	0.59	MG/L		GENERA	0	0	NA	NITROGEN		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Organic Carbon	3.40	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Organic Carbon	3.28	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Organic Carbon	3.30	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Organic Carbon	3.42	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Organic Carbon	3.35	MG/L		GENERA	0	0	NA	TOC		SWSD		

MND21-2305	000331	Surface loca	19950601	Surface	Phosphorous	0.15	MG/L		GENERA	0	0	NA	PHOS		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Plutonium-238	0.28	PCI/L	0.23	RAD	0	0	NA	13981-16-3		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Potassium	3750.00	UG/L	16.70	INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Potassium	3090.00	UG/L	16.70	INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Potassium-40	265.00	PCI/L	182.00	RAD	0	0	NA	13966-00-2		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Radium-226	0.23	PCI/L	0.07	RAD	0	0	NA	13982-63-3		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Selenium	1.80	UG/L	1.10	INORG	0	0	NA	7782-49-2	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Sodium	155000.00	UG/L	202.00	INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Sodium	132000.00	UG/L	202.00	INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Sulfate	36.00	MG/L		ANION	0	0	NA	SO4		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Suspended Solids	22.00	MG/L		GENERA	0	0	NA	TSS		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Tritium	1930.00	PCI/L	299.00	RAD	0	0	NA	10028-17-8		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Uranium-234	0.47	PCI/L	0.31	RAD	0	0	NA	13966-29-5		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Uranium-238	0.50	PCI/L	0.45	RAD	0	0	NA	24678-82-8		SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Vanadium	1.40	UG/L	0.40	INORG	0	0	NA	7440-62-2	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Zinc	3.50	UG/L	1.40	INORG	0	0	NA	7440-66-6	B	SWSD		
MND21-2305	000331	Surface loca	19950601	Surface	Zinc	33.80	UG/L	1.40	INORG	0	0	NA	7440-66-6		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	% Clay	42.00	%		OTHER	0	0		100		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	% Gravel	0.00	%		OTHER	0	0		54100		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	% Sand	2.00	%		OTHER	0	0		8000		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	% Silt	56.00	%		OTHER	0	0		8400		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	4,4'-DDD	1.20	UG/KG		ORPPB	0	0		72-54-8	JP	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	4,4'-DDE	0.30	UG/KG		ORPPB	0	0		72-55-9	JP	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	4,4'-DDT	0.22	UG/KG		ORPPB	0	0		50-29-3	JP	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Alpha Chlordane	0.49	UG/KG		ORPPB	0	0		5103-71-9	JP	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Alpha-BHC	1.70	UG/KG		ORPPB	0	0		319-84-6	JP	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Aluminum	10100.00	MG/KG	19.20	INORG	0	0		7429-90-5		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Americium-241	0.24	PCI/G		RAD	0	0		14596-10-2		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Anthracene	130.00	UG/KG	330.00	ORSVO	0	0		120-12-7	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Arsenic	5.30	MG/KG	1.60	INORG	0	0		7440-38-2		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Barium	65.90	MG/KG	0.20	INORG	0	0		7440-39-3	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(a)anthracene	820.00	UG/KG	330.00	ORSVO	0	0		56-55-3	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(a)anthracene	180.00	UG/KG	330.00	ORSVO	0	0		56-55-3	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(a)pyrene	190.00	UG/KG	330.00	ORSVO	0	0		50-32-8	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(a)pyrene	830.00	UG/KG	330.00	ORSVO	0	0		50-32-8	J	SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(b)fluoranthene	330.00	UG/KG	330.00	ORSVO	0	0		205-99-2	XJ	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(b)fluoranthene	1700.00	UG/KG	330.00	ORSVO	0	0		205-99-2	X	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(g,h,i)perylene	390.00	UG/KG	330.00	ORSVO	0	0		191-24-2	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(k)fluoranthene	1800.00	UG/KG	330.00	ORSVO	0	0		207-08-9	X	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzo(k)fluoranthene	330.00	UG/KG	330.00	ORSVO	0	0		207-08-9	XJ	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Benzoic Acid	120.00	UG/KG	1600.00	ORSVO	0	0		65-85-0	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Beryllium	0.55	MG/KG	0.20	INORG	0	0		7440-41-7		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Bis(2-ethylhexyl)phthalate	1500.00	UG/KG	330.00	ORSVO	0	0		117-81-7		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Bis(2-ethylhexyl)phthalate	180.00	UG/KG	330.00	ORSVO	0	0		117-81-7	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Bismuth	2.70	MG/KG	2.60	INORG	0	0		7440-69-9	B	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Cadmium	0.89	MG/KG	0.30	INORG	0	0		7440-43-9	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Calcium	78500.00	MG/KG	28.50	INORG	0	0		7440-70-2		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Carbazole	120.00	UG/KG	330.00	ORSVO	0	0		86-74-8	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Chloride	372.00	MG/KG		ANION	0	0		CL		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Chromium	19.80	MG/KG	0.90	INORG	0	0		7440-47-3		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Chrysene	900.00	UG/KG	330.00	ORSVO	0	0		218-01-9		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Chrysene	260.00	UG/KG	330.00	ORSVO	0	0		218-01-9	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Cobalt	8.20	MG/KG	0.60	INORG	0	0		7440-48-4	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Copper	116.00	MG/KG	0.70	INORG	0	0		7440-50-8		SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Dibenz(a,h)anthracene	120.00	UG/KG	330.00	ORSVO	0	0		53-70-3	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Dieldrin	0.58	UG/KG		ORPPB	0	0		60-57-1	JP	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Fluoranthene	360.00	UG/KG	330.00	ORSVO	0	0		206-44-0	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Fluoranthene	1700.00	UG/KG	330.00	ORSVO	0	0		206-44-0		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Fluorene	90.00	UG/KG	330.00	ORSVO	0	0		86-73-7	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Fluoride	4.30	MG/KG		ANION	0	0		FL		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Heptachlor Epoxide	0.18	UG/KG		ORPPB	0	0		1024-57-3	JP	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Indeno(1,2,3-cd)pyrene	120.00	UG/KG	330.00	ORSVO	0	0		193-39-5	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Indeno(1,2,3-cd)pyrene	400.00	UG/KG	330.00	ORSVO	0	0		193-39-5	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Iron	18900.00	MG/KG	15.70	INORG	0	0		7439-89-6		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Lead	31.90	MG/KG	1.90	INORG	0	0		7439-92-1		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Lithium	17.30	MG/KG	3.80	INORG	0	0		7439-93-2	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Magnesium	17300.00	MG/KG	4.00	INORG	0	0		7439-95-4		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Manganese	375.00	MG/KG	0.30	INORG	0	0		7439-96-5		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Methylene Chloride	11.00	UG/KG	5.00	ORVOA	0	0		75-09-2	JB	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Molybdenum	8.30	MG/KG	1.70	INORG	0	0		7439-98-7	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Nickel	17.80	MG/KG	1.40	INORG	0	0		7440-02-0	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Nitrate-Nitrite-N	9.48	MG/KG		ANION	0	0		NO2/NO3		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Organic Carbon	11800.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Organic Carbon	10600.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Organic Carbon	10200.00	MG/KG		GENERA	0	0		TOC		SWSD		

MND21-2305	000411	Surface loca	19950605	Sedimer	Organic Carbon	9730.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Organic Carbon	8840.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Pentachlorophenol	3500.00	UG/KG	800.00	ORSVO	0	0		87-86-5		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	pH	7.80	UNITS		OTHER	0	0		1006		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Phenanthrene	140.00	UG/KG	330.00	ORSVO	0	0		85-01-8	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Phenanthrene	680.00	UG/KG	330.00	ORSVO	0	0		85-01-8	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Plutonium-238	22.10	PCI/G	0.01	RAD	0	0		13981-16-3		SWSD		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Plutonium-239/240	0.07	PCI/G	0.01	RAD	0	0		PU-239/240		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Potassium	2530.00	MG/KG	16.70	INORG	0	0		7440-09-7		SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Potassium-40	23.80	PCI/G		RAD	0	0		13966-00-2		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Pyrene	2200.00	UG/KG	330.00	ORSVO	0	0		129-00-0		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Pyrene	370.00	UG/KG	330.00	ORSVO	0	0		129-00-0	J	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Radium-226	0.93	PCI/G	0.45	RAD	0	0		13982-63-3		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	000411	Surface loca	19950605	Sedimer	Silver	2.20	MG/KG	0.50	INORG	0	0		7440-22-4	B	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Sodium	1260.00	MG/KG	202.00	INORG	0	0		7440-23-5	B	SWSD		2-Exceeds background value.
MND21-2305	000411	Surface loca	19950605	Sedimer	Sulfate	238.00	MG/KG		ANION	0	0		SO4		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Thorium-228	0.86	PCI/G	0.04	RAD	0	0		14274-82-9		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	000411	Surface loca	19950605	Sedimer	Thorium-230	1.10	PCI/G	0.02	RAD	0	0		14269-63-7		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Thorium-232	0.59	PCI/G	0.03	RAD	0	0		7440-29-1		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Tin	6.50	MG/KG	5.90	INORG	0	0		7440-31-5	B	SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Tritium	0.77	PCI/G	0.29	RAD	0	0		10028-17-8		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Uranium-234	0.75	PCI/G	0.02	RAD	0	0		13966-29-5		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Uranium-238	0.85	PCI/G	0.04	RAD	0	0		24678-82-8		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Vanadium	20.30	MG/KG	0.40	INORG	0	0		7440-62-2		SWSD		
MND21-2305	000411	Surface loca	19950605	Sedimer	Zinc	234.00	MG/KG	1.40	INORG	0	0		7440-66-6		SWSD		2-Exceeds background value.
MND21-2305	000663	Surface loca	19950601	Surface	Alkalinity	180.00	MG/L		GENERA	0	0	NA	ALK		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Alkalinity	180.00	MG/L		GENERA	0	0	NA	ALK		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Aluminum	469.00	UG/L	19.20	INORG	0	0	NA	7429-90-5		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Barium	38.10	UG/L	0.20	INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Barium	38.90	UG/L	0.20	INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Calcium	51000.00	UG/L	28.50	INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Calcium	48600.00	UG/L	28.50	INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Chloride	234.00	MG/L		ANION	0	0	NA	CL		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Chromium	0.97	UG/L	0.90	INORG	0	0	NA	7440-47-3	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Copper	10.10	UG/L	0.70	INORG	0	0	NA	7440-50-8	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Copper	4.40	UG/L	0.70	INORG	0	0	NA	7440-50-8	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Dissolved Solids	1180.00	MG/L		GENERA	0	0	NA	TDS		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Fluoride	0.21	MG/L		ANION	0	0	NA	FL		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	HMX	0.51	UG/L	20.00	OREXP	0	0	NA	2691-41-0	J	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Iron	642.00	UG/L	15.70	INORG	0	0	NA	7439-89-6		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Lithium	5.10	UG/L	3.80	INORG	0	0	NA	7439-93-2	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Lithium	5.90	UG/L	3.80	INORG	0	0	NA	7439-93-2	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Magnesium	15800.00	UG/L	4.00	INORG	0	0	NA	7439-95-4		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Magnesium	15000.00	UG/L	4.00	INORG	0	0	NA	7439-95-4		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Manganese	0.69	UG/L	0.30	INORG	0	0	NA	7439-96-5	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Manganese	40.40	UG/L	0.30	INORG	0	0	NA	7439-96-5		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Methylene Chloride	1.00	UG/L		ORVOA	0	0	NA	75-09-2	J	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Molybdenum	117.00	UG/L	1.70	INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Molybdenum	107.00	UG/L	1.70	INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Nickel	4.80	UG/L	1.40	INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Nitrate-Nitrite-N	0.45	MG/L		ANION	0	0	NA	NO2/NO3		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Nitrogen	0.51	MG/L		GENERA	0	0	NA	NITROGEN		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Organic Carbon	5.19	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Organic Carbon	5.65	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Organic Carbon	5.09	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Organic Carbon	5.30	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Organic Carbon	5.31	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Phosphorous	0.28	MG/L		GENERA	0	0	NA	PHOS		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Plutonium-238	0.33	PCI/L	0.18	RAD	0	0	NA	13981-16-3		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Potassium	3670.00	UG/L	16.70	INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Potassium	3190.00	UG/L	16.70	INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Potassium-40	3.18	PCI/L		RAD	0	0	NA	13966-00-2		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Radium-226	0.17	PCI/L	0.08	RAD	0	0	NA	13982-63-3		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Selenium	1.10	UG/L	1.10	INORG	0	0	NA	7782-49-2	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Sodium	153000.00	UG/L	202.00	INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Sodium	136000.00	UG/L	202.00	INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Sulfate	52.50	MG/L		ANION	0	0	NA	SO4		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Suspended Solids	17.00	MG/L		GENERA	0	0	NA	TSS		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Tritium	2030.00	PCI/L	299.00	RAD	0	0	NA	10028-17-8		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Uranium-234	0.32	PCI/L	0.28	RAD	0	0	NA	13966-29-5		SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Vanadium	0.51	UG/L	0.40	INORG	0	0	NA	7440-62-2	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Zinc	1.90	UG/L	1.40	INORG	0	0	NA	7440-66-6	B	SWSD		
MND21-2305	000663	Surface loca	19950601	Surface	Zinc	23.40	UG/L	1.40	INORG	0	0	NA	7440-66-6		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	2-Benzyl-4-Chlorophenol	110.00	UG/KG		ORSVO	0	0		120-32-1	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	2-Butanone	19.00	UG/KG		ORVOA	0	0		78-93-3	J	SWSD		

MND21-2305	000675	Surface loca	19950605	Sedimer	Acetone	140.00	UG/KG		ORVOA	0	0	67-64-1		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Aldrin	2.50	UG/KG		ORPPB	0	0	309-00-2	P	SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Aluminum	10200.00	MG/KG	23.00	INORG	0	0	7429-90-5		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Anthracene	130.00	UG/KG		ORSVO	0	0	120-12-7	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Aroclor-1254	58.00	UG/KG		ORPPB	0	0	11097-69-1		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Arsenic	4.30	MG/KG	1.00	INORG	0	0	7440-38-2	B	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Barium	74.40	MG/KG	1.00	INORG	0	0	7440-39-3		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Benzo(a)anthracene	780.00	UG/KG		ORSVO	0	0	56-55-3	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Benzo(a)pyrene	870.00	UG/KG		ORSVO	0	0	50-32-8		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	000675	Surface loca	19950605	Sedimer	Benzo(b)fluoranthene	1400.00	UG/KG		ORSVO	0	0	205-99-2		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Benzo(g,h,i)perylene	590.00	UG/KG		ORSVO	0	0	191-24-2	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Beryllium	0.58	MG/KG	0.90	INORG	0	0	7440-41-7	B	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Bis(2-ethylhexyl)phthalate	1400.00	UG/KG		ORSVO	0	0	117-81-7	B	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Bismuth	21.60	MG/KG	100.00	INORG	0	0	7440-69-9		SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Cadmium	0.78	MG/KG	4.50	INORG	0	0	7440-43-9		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Calcium	98500.00	MG/KG	41.90	INORG	0	0	7440-70-2		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Cesium-137	0.24	PCI/G	1.00	RAD	0	0	10045-97-3		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Chloride	399.00	MG/KG	38.60	ANION	0	0	CL		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Chromium	16.30	MG/KG	4.90	INORG	0	0	7440-47-3		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Chrysene	1000.00	UG/KG		ORSVO	0	0	218-01-9		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Cobalt	8.90	MG/KG	7.40	INORG	0	0	7440-48-4		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Copper	143.00	MG/KG	2.60	INORG	0	0	7440-50-8		SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Dibenz(a,h)anthracene	140.00	UG/KG		ORSVO	0	0	53-70-3	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Endosulfan Sulfate	2.00	UG/KG		ORPPB	0	0	1031-07-8	JP	SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Endrin Ketone	2.00	UG/KG		ORPPB	0	0	53494-70-5	JP	SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Fluoranthene	1400.00	UG/KG		ORSVO	0	0	206-44-0		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Indeno(1,2,3-cd)pyrene	510.00	UG/KG		ORSVO	0	0	193-39-5	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Iron	21200.00	MG/KG	24.70	INORG	0	0	7439-89-6		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Lead	40.10	MG/KG	1.00	INORG	0	0	7439-92-1		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Lithium	18.70	MG/KG	7.90	INORG	0	0	7439-93-2		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Magnesium	22500.00	MG/KG	36.70	INORG	0	0	7439-95-4		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Manganese	426.00	MG/KG	1.50	INORG	0	0	7439-96-5		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Mercury	0.25	MG/KG	0.20	INORG	0	0	7439-97-6		SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Methylene Chloride	7.00	UG/KG		ORVOA	0	0	75-09-2	BJ	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Molybdenum	10.00	MG/KG	12.40	INORG	0	0	7439-98-7		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Nickel	22.20	MG/KG	8.60	INORG	0	0	7440-02-0		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Organic Carbon	16000.00	MG/KG	2000.00	GENERA	0	0	TOC		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Organic Carbon	16250.00	MG/KG	2000.00	GENERA	0	0	TOC		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Organic Carbon	16000.00	MG/KG	2000.00	GENERA	0	0	TOC		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Organic Carbon	16000.00	MG/KG	2000.00	GENERA	0	0	TOC		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Organic Carbon	17000.00	MG/KG	2000.00	GENERA	0	0	TOC		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Phenanthrene	550.00	UG/KG		ORSVO	0	0	85-01-8	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Plutonium-239	27.15	PCI/G	0.06	RAD	0	0	13981-16-3		SWSD		1-Exceeds soil 10-6 GV. 2-Exceeds background value. 3-Exceeds other criteria.
MND21-2305	000675	Surface loca	19950605	Sedimer	Potassium	1220.00	MG/KG	440.00	INORG	0	0	7440-09-7		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Potassium-40	22.72	PCI/G	10.00	RAD	0	0	13966-00-2		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Pyrene	1400.00	UG/KG		ORSVO	0	0	129-00-0		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Radium-226	1.48	PCI/G	0.30	RAD	0	0	13982-63-3		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	000675	Surface loca	19950605	Sedimer	Silver	2.10	MG/KG	2.50	INORG	0	0	7440-22-4		SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Sodium	588.00	MG/KG	1100.00	INORG	0	0	7440-23-5	B	SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Sulfate	327.00	MG/KG	129.00	ANION	0	0	SO4		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Thorium-228	1.19	PCI/G	0.13	RAD	0	0	14274-82-9		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	000675	Surface loca	19950605	Sedimer	Thorium-230	1.26	PCI/G	0.04	RAD	0	0	14269-63-7		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Thorium-232	0.67	PCI/G	0.05	RAD	0	0	7440-29-1		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Tin	16.10	MG/KG	75.80	INORG	0	0	7440-31-5		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Tritium	6.40	PCI/G	1.70	RAD	0	0	10028-17-8		SWSD		2-Exceeds background value.
MND21-2305	000675	Surface loca	19950605	Sedimer	Uranium-234	0.86	PCI/G	0.02	RAD	0	0	13966-29-5		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Uranium-235	0.04	PCI/G	0.02	RAD	0	0	15117-96-1	J	SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Uranium-238	0.82	PCI/G	0.02	RAD	0	0	24678-82-8		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Vanadium	16.10	MG/KG	2.90	INORG	0	0	7440-62-2		SWSD		
MND21-2305	000675	Surface loca	19950605	Sedimer	Zinc	274.00	MG/KG	4.80	INORG	0	0	7440-66-6		SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	% Clay	29.00	%		OTHER	0	0	100		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	% Gravel	0.00	%		OTHER	0	0	54100		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	% Sand	2.00	%		OTHER	0	0	8000		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	% Silt	69.00	%		OTHER	0	0	8400		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	2-Benzyl-4-Chlorophenol	110.00	UG/KG		ORSVO	0	0	120-32-1	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	4,4'-DDE	0.90	UG/KG		ORPPB	0	0	72-55-9	JP	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Acetone	35.00	UG/KG		ORVOA	0	0	67-64-1	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Aldrin	0.12	UG/KG		ORPPB	0	0	309-00-2	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Alpha Chlordane	0.47	UG/KG		ORPPB	0	0	5103-71-9	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Alpha-BHC	0.30	UG/KG		ORPPB	0	0	319-84-6	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Aluminum	12500.00	MG/KG		INORG	0	0	7429-90-5		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Arsenic	4.50	MG/KG		INORG	0	0	7440-38-2	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Barium	72.60	MG/KG		INORG	0	0	7440-39-3	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Benzo(a)anthracene	420.00	UG/KG		ORSVO	0	0	56-55-3	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Benzo(a)pyrene	620.00	UG/KG		ORSVO	0	0	50-32-8	J	SWSD		1-Exceeds soil 10-6 GV.

MND21-2305	900000041	Surface loca	19940915	Sedimer	Benzo(b)fluoranthene	1200.00	UG/KG		ORSVO	0	0		205-99-2	X	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Benzo(g,h,i)perylene	170.00	UG/KG		ORSVO	0	0		191-24-2	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Benzo(k)fluoranthene	1800.00	UG/KG		ORSVO	0	0		207-08-9	X	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Benzoic Acid	130.00	UG/KG		ORSVO	0	0		65-85-0	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Beryllium	0.61	MG/KG		INORG	0	0		7440-41-7		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Bis(2-ethylhexyl)phthalate	590.00	UG/KG		ORSVO	0	0		117-81-7	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Bismuth-210M	0.05	PCI/G		RAD	0	0		BI-210M		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Calcium	71400.00	MG/KG		INORG	0	0		7440-70-2		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Cation Exchange	18.30	MEQ/100		OTHER	0	0		153881900		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Chloride	298.00	MG/KG	3.00	ANION	0	0		CL		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Chromium	20.60	MG/KG		INORG	0	0		7440-47-3		SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Chrysene	580.00	UG/KG		ORSVO	0	0		218-01-9	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Cobalt	7.70	MG/KG		INORG	0	0		7440-48-4	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Copper	102.00	MG/KG		INORG	0	0		7440-50-8		SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Dieldrin	2.70	UG/KG		ORPPB	0	0		60-57-1	J	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Di-n-butyl Phthalate	100.00	UG/KG		ORSVO	0	0		84-74-2	JB	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Endosulfan II	3.50	UG/KG		ORPPB	0	0		33213-65-9	JP	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Endrin Aldehyde	1.90	UG/KG		ORPPB	0	0		7421-93-4	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Endrin Ketone	0.44	UG/KG		ORPPB	0	0		53494-70-5	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Fluoranthene	1100.00	UG/KG		ORSVO	0	0		206-44-0		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Fluoride	5.23	MG/KG	0.10	ANION	0	0		FL		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Gamma Chlordane	0.62	UG/KG		ORPPB	0	0		5103-74-2	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Heptachlor	0.28	UG/KG		ORPPB	0	0		76-44-8	JP	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Indeno(1,2,3-cd)pyrene	250.00	UG/KG		ORSVO	0	0		193-39-5	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Iron	19200.00	MG/KG		INORG	0	0		7439-89-6		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Lead	30.20	MG/KG		INORG	0	0		7439-92-1		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Lithium	20.10	MG/KG		INORG	0	0		7439-93-2	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Magnesium	14400.00	MG/KG		INORG	0	0		7439-95-4		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Manganese	329.00	MG/KG		INORG	0	0		7439-96-5		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Methylene Chloride	21.00	UG/KG	5.00	ORVOA	0	0		75-09-2	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Molybdenum	11.80	MG/KG		INORG	0	0		7439-98-7		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Nickel	17.90	MG/KG		INORG	0	0		7440-02-0	B	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Nitrate-Nitrite-N	1.53	MG/KG	0.05	ANION	0	0		NO2/NO3		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Organic Carbon	8080.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Organic Carbon	8860.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Organic Carbon	7930.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Organic Carbon	6580.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Organic Carbon	7860.00	MG/KG		GENERA	0	0		TOC		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	pH	7.80	UNITS		OTHER	0	0		1006		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Phenanthrene	340.00	UG/KG		ORSVO	0	0		85-01-8	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Plutonium-238	26.20	PCI/G	0.01	RAD	0	0		13981-16-3		SWSD		1-Exceeds soil 10-6 GV. 2-Exceeds background value. 3-Exceeds other criteria.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Plutonium-239/240	0.07	PCI/G	0.01	RAD	0	0		PU-239/240		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Potassium	4200.00	MG/KG		INORG	0	0		7440-09-7		SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Potassium-40	23.40	PCI/G		RAD	0	0		13966-00-2		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Pyrene	750.00	UG/KG		ORSVO	0	0		129-00-0	J	SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Radium-226	1.16	PCI/G	0.80	RAD	0	0		13982-63-3		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Silver	1.80	MG/KG		INORG	0	0		7440-22-4	B	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Sodium	1100.00	MG/KG		INORG	0	0		7440-23-5	B	SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Specific Gravity	2.70	G/CC		OTHER	0	0		79125400		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Strontium-90	0.07	PCI/G	0.06	RAD	0	0		10098-97-2		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Sulfate	199.00	MG/KG	2.00	ANION	0	0		SO4		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Thorium-228	1.37	PCI/G	0.01	RAD	0	0		14274-82-9		SWSD		1-Exceeds soil 10-6 GV.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Thorium-230	1.60	PCI/G	0.01	RAD	0	0		14269-63-7		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Thorium-232	1.05	PCI/G	0.01	RAD	0	0		7440-29-1		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Uranium-234	1.15	PCI/G	0.08	RAD	0	0		13966-29-5		SWSD		2-Exceeds background value.
MND21-2305	900000041	Surface loca	19940915	Sedimer	Uranium-238	0.90	PCI/G	0.09	RAD	0	0		24678-82-6		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Vanadium	22.00	MG/KG		INORG	0	0		7440-62-2		SWSD		
MND21-2305	900000041	Surface loca	19940915	Sedimer	Zinc	188.00	MG/KG		INORG	0	0		7440-66-6		SWSD		2-Exceeds background value.
MND21-2305	900000050	Surface loca	19940919	Surface	2,6-Dinitrotoluene	3.50	UG/L	0.50	OREXP	0	0	NA	606-20-2	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Aluminum	1600.00	UG/L		INORG	0	0	NA	7429-90-5		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Aluminum	17.30	UG/L		INORG	0	0	NA	7429-90-5	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Barium	8.20	UG/L		INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Barium	17.20	UG/L		INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Calcium	12700.00	UG/L		INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Calcium	21000.00	UG/L		INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Chloride	147.00	MG/L	3.00	ANION	0	0	NA	CL		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Chromium	4.20	UG/L		INORG	0	0	NA	7440-47-3	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Chromium	0.76	UG/L		INORG	0	0	NA	7440-47-3	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Cobalt	0.52	UG/L		INORG	0	0	NA	7440-48-4	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Copper	146.00	UG/L		INORG	0	0	NA	7440-50-8		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Copper	75.10	UG/L		INORG	0	0	NA	7440-50-8		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Dissolved Solids	768.00	MG/L	10.00	GENERA	0	0	NA	TDS		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Fluoride	0.18	MG/L	0.10	ANION	0	0	NA	FL		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Iron	2070.00	UG/L		INORG	0	0	NA	7439-89-6		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Iron	41.50	UG/L		INORG	0	0	NA	7439-89-6	B	SWSD		

MND21-2305	900000050	Surface loca	19940919	Surface	Lead	5.40	UG/L		INORG	0	0	NA	7439-92-1		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Magnesium	3220.00	UG/L		INORG	0	0	NA	7439-95-4	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Magnesium	5580.00	UG/L		INORG	0	0	NA	7439-95-4		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Manganese	65.00	UG/L		INORG	0	0	NA	7439-96-5		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Manganese	2.10	UG/L		INORG	0	0	NA	7439-96-5	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Methylene Chloride	1.00	UG/L	5.00	ORVOA	0	0	NA	75-09-2	JB	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Molybdenum	159.00	UG/L		INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Molybdenum	198.00	UG/L		INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Nickel	1.90	UG/L		INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Nickel	4.50	UG/L		INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Nitrate-Nitrite-N	0.91	MG/L	0.05	ANION	0	0	NA	NO2/NO3		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Nitrogen	0.31	MG/L	0.10	GENERA	0	0	NA	NITROGEN		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Organic Carbon	6.20	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Organic Carbon	6.17	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Organic Carbon	6.19	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Organic Carbon	6.25	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Organic Carbon	6.12	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Phosphorous	0.26	MG/L	0.10	GENERA	0	0	NA	PHOS		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Plutonium-238	0.80	PCI/L	0.24	RAD	0	0	NA	13981-16-3		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Potassium	4060.00	UG/L		INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Potassium	3240.00	UG/L		INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Potassium-40	53.90	PCI/L		RAD	0	0	NA	13966-00-2		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Radium-226	0.04	PCI/L	0.04	RAD	0	0	NA	13982-63-3		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	RDX	1.90	UG/L	6.00	OREXP	0	0	NA	121-82-4	J	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	RDX	7.90	UG/L	6.00	OREXP	0	0	NA	121-82-4		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Sodium	213000.00	UG/L		INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Sodium	234000.00	UG/L		INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Sulfate	98.00	MG/L	2.00	ANION	0	0	NA	SO4		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Suspended Solids	116.00	MG/L	4.00	GENERA	0	0	NA	TSS		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Thorium-230	0.66	PCI/L	0.27	RAD	0	0	NA	14269-63-7		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Tritium	3960.00	PCI/L	244.00	RAD	0	0	NA	10028-17-8		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Uranium-238	0.49	PCI/L	0.29	RAD	0	0	NA	24678-82-8		SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Vanadium	2.20	UG/L		INORG	0	0	NA	7440-62-2	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Zinc	8.50	UG/L		INORG	0	0	NA	7440-66-6	B	SWSD		
MND21-2305	900000050	Surface loca	19940919	Surface	Zinc	41.50	UG/L		INORG	0	0	NA	7440-66-6		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	2,6-Dinitrotoluene	3.80	UG/L	0.50	OREXP	0	0	NA	606-20-2	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Aluminum	698.00	UG/L		INORG	0	0	NA	7429-90-5		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Aluminum	21.20	UG/L		INORG	0	0	NA	7429-90-5		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Barium	8.30	UG/L		INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Barium	12.10	UG/L		INORG	0	0	NA	7440-39-3	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Bismuth-207	7.18	PCI/L	6.93	RAD	0	0	NA	13982-38-2		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Calcium	12600.00	UG/L		INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Calcium	15700.00	UG/L		INORG	0	0	NA	7440-70-2		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Chloride	150.00	MG/L	3.00	ANION	0	0	NA	CL		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Chromium	2.00	UG/L		INORG	0	0	NA	7440-47-3	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Chromium	0.95	UG/L		INORG	0	0	NA	7440-47-3	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Copper	128.00	UG/L		INORG	0	0	NA	7440-50-8		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Copper	76.90	UG/L		INORG	0	0	NA	7440-50-8		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Dissolved Solids	734.00	MG/L	10.00	GENERA	0	0	NA	TDS		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Fluoride	0.24	MG/L	0.10	ANION	0	0	NA	FL		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	HMX	0.74	UG/L	20.00	OREXP	0	0	NA	2691-41-0	J	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Iron	1020.00	UG/L		INORG	0	0	NA	7439-89-6		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Iron	42.00	UG/L		INORG	0	0	NA	7439-89-6	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Lead	2.70	UG/L		INORG	0	0	NA	7439-92-1	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Magnesium	3190.00	UG/L		INORG	0	0	NA	7439-95-4	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Magnesium	4210.00	UG/L		INORG	0	0	NA	7439-95-4	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Manganese	35.50	UG/L		INORG	0	0	NA	7439-96-5		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Manganese	2.20	UG/L		INORG	0	0	NA	7439-96-5	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Methylene Chloride	1.00	UG/L	5.00	ORVOA	0	0	NA	75-09-2	JB	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Molybdenum	165.00	UG/L		INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Molybdenum	189.00	UG/L		INORG	0	0	NA	7439-98-7		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Nickel	2.20	UG/L		INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Nickel	3.20	UG/L		INORG	0	0	NA	7440-02-0	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Nitrate-Nitrite-N	0.94	MG/L	0.05	ANION	0	0	NA	NO2/NO3		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Nitrogen	0.27	MG/L	0.10	GENERA	0	0	NA	NITROGEN		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Organic Carbon	3.90	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Organic Carbon	4.10	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Organic Carbon	4.40	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Organic Carbon	4.04	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Organic Carbon	4.05	MG/L		GENERA	0	0	NA	TOC		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Phosphorous	0.19	MG/L	0.10	GENERA	0	0	NA	PHOS		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Plutonium-238	0.74	PCI/L	0.25	RAD	0	0	NA	13981-16-3		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Potassium	3590.00	UG/L		INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Potassium	3290.00	UG/L		INORG	0	0	NA	7440-09-7	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Potassium-40	335.00	PCI/L	186.00	RAD	0	0	NA	13966-00-2		SWSD		

MND21-2305	900000051	Surface loca	19940919	Surface	Radium-226	0.20	PCI/L	0.12	RAD	0	0	NA	13982-63-3		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	RDX	1.40	UG/L	6.00	OREXP	0	0	NA	121-82-4	J	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	RDX	6.70	UG/L	6.00	OREXP	0	0	NA	121-82-4		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Sodium	219000.00	UG/L		INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Sodium	237000.00	UG/L		INORG	0	0	NA	7440-23-5		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Sulfate	155.00	MG/L	2.00	ANION	0	0	NA	SO4		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Suspended Solids	104.00	MG/L	4.00	GENERA	0	0	NA	TSS		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Thorium-230	0.22	PCI/L	0.20	RAD	0	0	NA	14269-63-7		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Tritium	4080.00	PCI/L	244.00	RAD	0	0	NA	10028-17-8		SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Vanadium	1.10	UG/L		INORG	0	0	NA	7440-62-2	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Zinc	2.30	UG/L		INORG	0	0	NA	7440-66-6	B	SWSD		
MND21-2305	900000051	Surface loca	19940919	Surface	Zinc	27.30	UG/L		INORG	0	0	NA	7440-66-6		SWSD		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Alkalinity	8464.24	MG/KG	117.23	GENERA	1	2	FT	ALK		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Alkalinity	8464.24	MG/KG	117.23	GENERA	1	2	FT	ALK		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Aluminum	4750.00	MG/KG	19.00	INORG	1	2	FT	7429-90-5		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Aroclor-1248	40.00	UG/KG	38.00	ORPPB	1	2	FT	12672-29-6		MND23	J	2-Exceeds background value.
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Arsenic	4.40	MG/KG	2.40	INORG	1	2	FT	7440-38-2		MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Barium	44.80	MG/KG	12.50	INORG	1	2	FT	7440-39-3	*	MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Benzo(b)fluoranthene	47.00	UG/KG	380.00	ORSVO	1	2	FT	205-99-2	J	MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Calcium	95000.00	MG/KG	1172.00	INORG	1	2	FT	7440-70-2		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Chromium	6.60	MG/KG	2.00	INORG	1	2	FT	7440-47-3		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Chrysene	38.00	UG/KG	380.00	ORSVO	1	2	FT	218-01-9	J	MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Cobalt	4.60	MG/KG	12.00	INORG	1	2	FT	7440-48-4	B	MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Copper	15.60	MG/KG	6.00	INORG	1	2	FT	7440-50-8		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Fluoranthene	56.00	UG/KG	380.00	ORSVO	1	2	FT	206-44-0	J	MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Fluoride	3.17	MG/KG	0.59	ANION	1	2	FT	FL		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Iron	11200.00	MG/KG	23.00	INORG	1	2	FT	7439-89-6		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Lead	7.10	MG/KG	0.63	INORG	1	2	FT	7439-92-1		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Magnesium	39600.00	MG/KG	1172.00	INORG	1	2	FT	7439-95-4		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Manganese	317.00	MG/KG	4.00	INORG	1	2	FT	7439-96-5		MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Nickel	11.00	MG/KG	9.00	INORG	1	2	FT	7440-02-0		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Nitrate	2.10	MG/KG	1.17	ANION	1	2	FT	NO3		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Organic Carbon	76915.80	MG/KG	33.00	GENERA	1	2	FT	TOC		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Plutonium-238	0.29	PCI/G	0.04	RAD	1	2	FT	13981-16-3		MND23		2-Exceeds background value.
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Potassium	1010.00	MG/KG	2345.00	INORG	1	2	FT	7440-09-7	B	MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Potassium-40	14.30	PCI/G	1.10	RAD	1	2	FT	13966-00-2		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Pyrene	44.00	UG/KG	380.00	ORSVO	1	2	FT	129-00-0	J	MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Radium-226	0.82	PCI/G	0.10	RAD	1	2	FT	13982-63-3		MND23		1-Exceeds soil 10-6 GV.
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Silver	2.50	MG/KG	2.00	INORG	1	2	FT	7440-22-4		MND23	J	2-Exceeds background value.
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Sulfate	98.01	MG/KG	23.45	ANION	1	2	FT	SO4		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Thorium-228	0.36	PCI/G	0.08	RAD	1	2	FT	14274-82-9		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Thorium-230	0.78	PCI/G	0.07	RAD	1	2	FT	14269-63-7		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Thorium-232	0.58	PCI/G	0.04	RAD	1	2	FT	7440-29-1		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Tritium	0.17	PCI/G	0.05	RAD	1	2	FT	10028-17-8		MND23	J	
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Uranium-234	0.72	PCI/G	0.02	RAD	1	2	FT	13966-29-5		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Uranium-238	0.89	PCI/G	0.02	RAD	1	2	FT	7440-61-1		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Vanadium	13.90	MG/KG	2.00	INORG	1	2	FT	7440-62-2		MND23		
MND23-SL10	SL10-0001	Borehole	19921216	Soil	Zinc	37.30	MG/KG	5.00	INORG	1	2	FT	7440-66-6	E	MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Alkalinity	6322.51	MG/KG	116.01	GENERA	1	2	FT	ALK		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Alkalinity	6322.51	MG/KG	116.01	GENERA	1	2	FT	ALK		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Aluminum	4030.00	MG/KG	17.00	INORG	1	2	FT	7429-90-5		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Aroclor-1248	50.00	UG/KG	38.00	ORPPB	1	2	FT	12672-29-6		MND23		2-Exceeds background value.
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Arsenic	7.70	MG/KG	2.00	INORG	1	2	FT	7440-38-2		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Barium	36.70	MG/KG	11.00	INORG	1	2	FT	7440-39-3	*	MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Benzo(a)pyrene	40.00	UG/KG	380.00	ORSVO	1	2	FT	50-32-8	J	MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Calcium	109000.00	MG/KG	1036.00	INORG	1	2	FT	7440-70-2		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Chloride	7.71	MG/KG	5.80	ANION	1	2	FT	CL		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Chromium	6.90	MG/KG	2.00	INORG	1	2	FT	7440-47-3		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Cobalt	3.70	MG/KG	10.00	INORG	1	2	FT	7440-48-4	B	MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Copper	9.40	MG/KG	5.00	INORG	1	2	FT	7440-50-8		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Fluoranthene	60.00	UG/KG	330.00	ORSVO	1	2	FT	206-44-0	J	MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Fluoride	3.25	MG/KG	0.58	ANION	1	2	FT	FL		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Iron	9880.00	MG/KG	21.00	INORG	1	2	FT	7439-89-6		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Lead	8.90	MG/KG	0.70	INORG	1	2	FT	7439-92-1		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Magnesium	49900.00	MG/KG	1036.00	INORG	1	2	FT	7439-95-4		MND23		2-Exceeds background value.
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Manganese	260.00	MG/KG	3.00	INORG	1	2	FT	7439-96-5		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Nickel	9.90	MG/KG	8.00	INORG	1	2	FT	7440-02-0		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Nitrate	2.70	MG/KG	1.16	ANION	1	2	FT	NO3		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Organic Carbon	83475.00	MG/KG	40.00	GENERA	1	2	FT	TOC		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Phenanthrene	65.00	UG/KG	380.00	ORSVO	1	2	FT	85-01-8	J	MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Plutonium-238	0.24	PCI/G	0.10	RAD	1	2	FT	13981-16-3		MND23		2-Exceeds background value.
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Potassium	877.00	MG/KG	1036.00	INORG	1	2	FT	7440-09-7	B	MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Potassium-40	10.70	PCI/G	0.80	RAD	1	2	FT	13966-00-2		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Pyrene	44.00	UG/KG	380.00	ORSVO	1	2	FT	129-00-0	J	MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Radium-226	0.82	PCI/G	0.10	RAD	1	2	FT	13982-63-3		MND23		1-Exceeds soil 10-6 GV.

MND23-SL10	SL10-1001	Borehole	19921216	Soil	Strontium-90	0.68	PCI/G	0.47	RAD	1	2	FT	10098-97-2		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Sulfate	130.60	MG/KG	23.20	ANION	1	2	FT	SO4		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Thorium-228	0.59	PCI/G		RAD	1	2	FT	14274-82-9		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Thorium-230	0.98	PCI/G		RAD	1	2	FT	14269-63-7		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Thorium-232	0.33	PCI/G		RAD	1	2	FT	7440-29-1		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Tritium	0.40	PCI/G	0.04	RAD	1	2	FT	10028-17-8		MND23	J	
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Uranium-234	0.57	PCI/G	0.07	RAD	1	2	FT	13966-29-5		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Uranium-238	0.83	PCI/G	0.06	RAD	1	2	FT	7440-61-1		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Vanadium	12.00	MG/KG	2.00	INORG	1	2	FT	7440-62-2		MND23		
MND23-SL10	SL10-1001	Borehole	19921216	Soil	Zinc	36.60	MG/KG	4.00	INORG	1	2	FT	7440-66-6	E	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Alkalinity	2923.54	MG/KG	149.93	GENERA	1	2	FT	ALK		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Alkalinity	2923.54	MG/KG	149.93	GENERA	1	2	FT	ALK		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Aluminum	8170.00	MG/KG	12.00	INORG	1	2	FT	7429-90-5		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Arsenic	4.50	MG/KG	3.00	INORG	1	2	FT	7440-38-2		MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Barium	53.60	MG/KG	14.00	INORG	1	2	FT	7440-39-3	*	MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Benzo(a)anthracene	53.00	UG/KG	470.00	ORSVO	1	2	FT	56-55-3	J	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Benzo(a)pyrene	62.00	UG/KG	470.00	ORSVO	1	2	FT	50-32-8	J	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Benzoic Acid	770.00	UG/KG	2200.00	ORSVO	1	2	FT	65-85-0	JB	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Beryllium	0.35	MG/KG	0.59	INORG	1	2	FT	7440-41-7	B	MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Calcium	84300.00	MG/KG	1470.00	INORG	1	2	FT	7440-70-2		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Chloride	30.33	MG/KG	7.50	ANION	1	2	FT	CL		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Chromium	10.20	MG/KG	3.00	INORG	1	2	FT	7440-47-3		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Chrysene	73.00	UG/KG	470.00	ORSVO	1	2	FT	218-01-9	J	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Cobalt	6.50	MG/KG	15.00	INORG	1	2	FT	7440-48-4	B	MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Copper	15.30	MG/KG	7.00	INORG	1	2	FT	7440-50-8		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Fluoranthene	160.00	UG/KG	470.00	ORSVO	1	2	FT	206-44-0	J	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Fluoride	1.71	MG/KG	0.75	ANION	1	2	FT	FL		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Iron	16300.00	MG/KG	29.00	INORG	1	2	FT	7439-89-6		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Lead	16.10	MG/KG	0.82	INORG	1	2	FT	7439-92-1		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Magnesium	29500.00	MG/KG	1470.00	INORG	1	2	FT	7439-95-4		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Manganese	606.00	MG/KG	4.00	INORG	1	2	FT	7439-96-5		MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Nickel	15.70	MG/KG	12.00	INORG	1	2	FT	7440-02-0		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Nitrate	2.56	MG/KG	1.50	ANION	1	2	FT	NO3		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Organic Carbon	139338.70	MG/KG	50.00	GENERA	1	2	FT	TOC		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Phenanthrene	87.00	UG/KG	470.00	ORSVO	1	2	FT	85-01-8	J	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Plutonium-238	8.75	PCI/G	0.04	RAD	1	2	FT	13981-16-3		MND23		1-Exceeds soil 10-6 GV. 2-Exceeds background value.
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Plutonium-239/240	0.06	PCI/G	0.04	RAD	1	2	FT	PU-239/240		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Potassium	1750.00	MG/KG	2960.00	INORG	1	2	FT	7440-09-7	B	MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Potassium-40	17.70	PCI/G	1.10	RAD	1	2	FT	13966-00-2		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Pyrene	120.00	UG/KG	470.00	ORSVO	1	2	FT	129-00-0	J	MND23	J	
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Radium-226	0.86	PCI/G	0.20	RAD	1	2	FT	13982-63-3		MND23		1-Exceeds soil 10-6 GV.
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Silver	4.20	MG/KG	3.00	INORG	1	2	FT	7440-22-4		MND23	J	2-Exceeds background value.
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Strontium-90	0.57	PCI/G	0.44	RAD	1	2	FT	10098-97-2		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Sulfate	85.76	MG/KG	29.99	ANION	1	2	FT	SO4		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Thorium-228	1.19	PCI/G	0.10	RAD	1	2	FT	14274-82-9		MND23		1-Exceeds soil 10-6 GV.
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Thorium-230	0.74	PCI/G	0.04	RAD	1	2	FT	14269-63-7		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Thorium-232	0.77	PCI/G	0.04	RAD	1	2	FT	7440-29-1		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Uranium-234	0.56	PCI/G	0.11	RAD	1	2	FT	13966-29-5		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Uranium-238	0.67	PCI/G	0.07	RAD	1	2	FT	7440-61-1		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Vanadium	18.80	MG/KG	3.00	INORG	1	2	FT	7440-62-2		MND23		
MND23-SL11	SL11-0001	Borehole	19921216	Soil	Zinc	79.40	MG/KG	6.00	INORG	1	2	FT	7440-66-6	E	MND23	J	
S0699	5980	Surface loca	19840701	Soil	Plutonium-238	0.22	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0700	5909	Surface loca	19840701	Soil	Plutonium-238	0.48	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0702	2934	Surface loca	19831001	Soil	Plutonium-238	0.16	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0816	2584	Surface loca	19830901	Soil	Plutonium-238	0.20	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0820	6478	Surface loca	19840801	Soil	Plutonium-238	0.13	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		
S0821	2585	Surface loca	19830901	Soil	Plutonium-238	0.40	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0839	5907	Surface loca	19840701	Soil	Plutonium-238	0.12	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		
S0846	5860	Surface loca	19840701	Soil	Plutonium-238	0.27	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0848	5861	Surface loca	19840701	Soil	Plutonium-238	0.70	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0850	5859	Surface loca	19840701	Soil	Plutonium-238	0.43	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0861	6485	Surface loca	19840801	Soil	Plutonium-238	0.56	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.
S0863	6486	Surface loca	19840801	Soil	Plutonium-238	0.06	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		
S0865	6488	Surface loca	19840801	Soil	Plutonium-238	0.02	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		
S0868	6489	Surface loca	19840801	Soil	Plutonium-238	0.37	PCI/G	0.01	RAD	0	0	FT	13981-16-3		RSS		2-Exceeds background value.

comp_no	par_code	parameter name	comparison value	units
1	7440-41-7	Beryllium	7.00E-01	MG/KG
1	7440-43-9	Cadmium	5.00E+04	MG/KG
1	7440-47-3	Chromium	7.50E+03	MG/KG
1	121-82-4	RDX	2.70E+01	UG/KG
1	72-55-9	4,4'-DDE	9.00E+00	MG/KG
1	50-29-3	4,4'-DDT	9.00E+00	MG/KG
1	12672-29-6	Aroclor-1248	3.85E-01	MG/KG
1	11096-82-5	Aroclor-1260	3.85E-01	MG/KG
1	319-85-7	Beta-BHC	1.65E+00	MG/KG
1	60-57-1	Dieldrin	1.85E-01	MG/KG
1	56-55-3	Benzo(a)anthracene	4.10E+00	MG/KG
1	50-32-8	Benzo(a)pyrene	4.10E-01	MG/KG
1	205-99-2	Benzo(b)fluoranthene	4.10E+00	MG/KG
1	207-08-9	Benzo(k)fluoranthene	4.10E+01	MG/KG
1	117-81-7	Bis(2-ethylhexyl)phthalate	2.15E+02	MG/KG
1	218-01-9	Chrysene	4.10E+02	MG/KG
1	53-70-3	Dibenz(a,h)anthracene	4.10E-01	MG/KG
1	193-39-5	Indeno(1,2,3-cd)pyrene	4.10E+00	MG/KG
1	78-59-1	Isophorone	3.15E+03	MG/KG
1	86-30-6	N-Nitrosodiphenylamine	6.00E+02	MG/KG
1	87-86-5	Pentachlorophenol	2.50E+01	MG/KG
1	107-06-2	1,2-Dichloroethane	1.10E+01	MG/KG
1	71-43-2	Benzene	3.20E+01	MG/KG
1	75-27-4	Bromodichloromethane	4.80E+01	MG/KG
1	75-25-2	Bromoform	3.75E+02	MG/KG
1	56-23-5	Carbon Tetrachloride	1.20E+01	MG/KG
1	67-66-3	Chloroform	1.55E+01	MG/KG
1	124-48-1	Dibromochloromethane	3.55E+01	MG/KG
1	75-09-2	Dichloromethane	3.95E+02	MG/KG
1	79-01-6	Trichloroethene	1.25E+02	MG/KG
1	AC-227	Actinium-227	1.00E+00	PCI/G
1	14596-10-2	Americium-241	4.95E+00	PCI/G
1	13982-38-2	Bismuth-207	1.75E-01	PCI/G
1	BI-207	Bismuth-207	1.75E-01	PCI/G
1	10045-97-3	Cesium-137	4.60E-01	PCI/G
1	10198-40-0	Cobalt-60	1.00E-01	PCI/G
1	13981-16-3	Plutonium-238	5.50E+00	PCI/G
1	15117-48-3	Plutonium-239	5.50E+00	PCI/G
1	PU239/240	Plutonium-240	5.50E+00	PCI/G
1	13982-63-3	Radium-226	1.40E-01	PCI/G
1	10098-97-2	Strontium-90	3.00E+00	PCI/G
1	14274-82-9	Thorium-228	8.50E-01	PCI/G
1	14269-63-7	Thorium-230	4.40E+01	PCI/G
1	7440-29-1	Thorium-232	5.00E+01	PCI/G
1	10028-17-8	Tritium	2.35E+04	PCI/G
1	U-233	Uranium-233	3.70E+01	PCI/G
1	13966-29-5	Uranium-234	3.75E+01	PCI/G
1	15117-96-1	Uranium-235	3.35E+00	PCI/G
1	24678-82-8	Uranium-238	1.10E+01	PCI/G
2	7429-90-5	Aluminum	19000	MG/KG

comp_no	par_code	parameter name	comparison value	units
2	7440-38-2	Arsenic	8.6	MG/KG
2	7440-39-3	Barium	180	MG/KG
2	7440-69-9	Bismuth	ND	MG/KG
2	7440-41-7	Beryllium	1.3	MG/KG
2	7440-43-9	Cadmium	2.1	MG/KG
2	7440-70-2	Calcium	310000	MG/KG
2	7440-47-3	Chromium	20	MG/KG
2	7440-48-4	Cobalt	19	MG/KG
2	7440-50-8	Copper	26	MG/KG
2	57-12-5	Cyanide	ND	MG/KG
2	7439-89-6	Iron	35000	MG/KG
2	7439-92-1	Lead	48	MG/KG
2	7439-93-2	Lithium	26	MG/KG
2	7439-95-4	Magnesium	40000	MG/KG
2	7439-96-5	Manganese	1400	MG/KG
2	7439-97-6	Mercury	ND	MG/KG
2	7439-98-7	Molybdenum	27	MG/KG
2	7440-02-0	Nickel	32	MG/KG
2	7440-09-7	Potassium	1900	MG/KG
2	7440-22-4	Silver	1.7	MG/KG
2	7782-49-2	Selenium	ND	MG/KG
2	7440-23-5	Sodium	240	MG/KG
2	7440-28-0	Thallium	0.46	MG/KG
2	7440-31-5	Tin	20	MG/KG
2	7440-62-2	Vanadium	25	MG/KG
2	7440-66-6	Zinc	140	MG/KG
2	72-54-8	4,4'-DDD	4.2	MG/KG
2	72-55-9	4,4'-DDE	4.3	MG/KG
2	50-29-3	4,4'-DDT	13	MG/KG
2	309-00-2	Aldrin	ND	MG/KG
2	5103-71-9	Alpha Chlordane	ND	MG/KG
2	319-84-6	Alpha-BHC	ND	MG/KG
2	12672-29-6	Aroclor-1248	ND	MG/KG
2	11097-69-1	Aroclor-1254	58	MG/KG
2	11096-82-5	Aroclor-1260	ND	MG/KG
2	319-85-7	Beta-BHC	ND	MG/KG
2	60-57-1	Dieldrin	ND	MG/KG
2	959-98-8	Endosulfan I	ND	MG/KG
2	1031-07-8	Endosulfan Sulfate	ND	MG/KG
2	72-20-8	Endrin	ND	MG/KG
2	7421-93-4	Endrin Aldehyde	ND	MG/KG
2	53494-70-5	Endrin Ketone	ND	MG/KG
2	5103-74-2	Gamma Chlordane	ND	MG/KG
2	58-89-9	Gamma-BHC (Lindane)	ND	MG/KG
2	76-44-8	Heptachlor	ND	MG/KG
2	1024-57-3	Heptachlor Epoxide	ND	MG/KG
2	72-43-5	Methoxychlor	30	MG/KG
2	77-47-4	Hexachlorocyclopentadiene	ND	MG/KG
2	14596-10-2	Americium-241	ND	MG/KG
2	13982-38-2	Bismuth-207	ND	MG/KG

comp_no	par_code	parameter name	comparison value	units
2	BI-207	Bismuth-207	ND	MG/KG
2	BI-210M	Bismuth-210m	ND	MG/KG
2	10045-97-3	Cesium-137	0.42	PCI/G
2	13981-16-3	Plutonium-238	0.13	PCI/G
2	13966-00-2	Potassium-40	37	PCI/G
2	13982-63-3	Radium-226	2	PCI/G
2	10098-97-2	Strontium-90	0.72	PCI/G
2	14274-82-9	Thorium-228	1.5	PCI/G
2	14269-63-7	Thorium-230	1.9	PCI/G
2	7440-29-1	Thorium-232	1.4	PCI/G
2	10028-17-8	Tritium	1.6	PCI/G
2	13966-29-5	Uranium-234	1.1	PCI/G
2	15117-96-1	Uranium-235	0.11	PCI/G
2	24678-82-8	Uranium-238	1.2	PCI/G
3	7439-92-1	Lead	400	MG/KG
3	13982-63-3	Radium-226	5	PCI/G
3	13981-16-3	Plutonium-238	25	PCI/G
3	7440-29-1	Thorium-232	5	PCI/G
5	7440-36-0	Antimony	0.0006	MG/L
5	7440-38-2	Arsenic	0.05	MG/L
5	7440-39-3	Barium	2	MG/L
5	7440-41-7	Beryllium	0.004	MG/L
5	7440-43-9	Cadmium	0.005	MG/L
5	7440-47-3	Chromium	0.1	MG/L
5	7440-50-8	Copper	1.3	MG/L
5	57-12-5	Cyanide	0.2	MG/L
5	7439-92-1	Lead	0.015	MG/L
5	7439-97-6	Mercury	0.002	MG/L
5	7440-02-0	Nickel	0.1	MG/L
5	7782-49-2	Selenium	0.05	MG/L
5	7440-28-0	Thallium	0.002	MG/L
5	16984-48-8	Flouride	4	MG/L
5	NO3	Nitrate	10	MG/L
5	NO2	Nitrite	1	MG/L
5	57-74-9	Chlordane	0.002	MG/L
5	72-20-8	Endrin	0.002	MG/L
5	76-44-8	Heptachlor	0.0004	MG/L
5	1024-57-3	Heptachlor Epoxide	0.0002	MG/L
5	72-43-5	Methoxychlor	0.04	MG/L
5	8001-35-2	Toxaphene	0.003	MG/L
5	120-82-1	1,2,4-Trichlorobenzene	0.07	MG/L
5	95-95-4	2,4,5-Trichlorophenol	0.05	MG/L
5	50-32-8	Benzo(a)pyrene	0.002	MG/L
5	118-74-1	Hexachlorobenzene	0.001	MG/L
5	77-47-4	Hexachlorocyclopentadiene	0.05	MG/L
5	87-86-5	Pentachlorophenol	0.001	MG/L
5	71-55-6	1,1,1-Trichloroethane	0.2	MG/L
5	79-00-5	1,1,2-Trichloroethane	0.005	MG/L
5	75-35-4	1,1-Dichloroethene	0.007	MG/L
5	156-59-2	1,2-cis-Dichloroethene	0.07	MG/L

comp_no	par_code	parameter name	comparison value	units
5	107-06-2	1,2-Dichloroethane	0.005	MG/L
5	78-87-5	1,2-Dichloropropane	0.005	MG/L
5	106-46-7	1,4-Dichlorobenzene	0.075	MG/L
5	108-90-7	Chlorobenzene	0.1	MG/L
5	96-12-8	Dibromochloropropane	0.0002	MG/L
5	106-93-4	1,2-Dibromoethane	0.00005	MG/L
5	95-50-1	1,2-Dichlorobenzene	0.6	MG/L
5	75-09-2	Dichloromethane (Methylene Chloride)	0.005	MG/L
5	88-85-7	Dinoseb	0.007	MG/L
5	1746-01-6	Dioxin	0.00000003	MG/L
5	94-75-7	2,4-D	0.07	MG/L
5	156-60-5	1,2-trans-Dichloroethene	0.01	MG/L
5	71-43-2	Benzene	0.005	MG/L
5	75-27-4	Bromodichloromethane	0.008	MG/L
5	75-25-2	Bromoform	0.008	MG/L
5	56-23-5	Carbon Tetrachloride	0.005	MG/L
5	67-66-3	Chloroform	0.008	MG/L
5	100-41-4	Ethylbenzene	0.07	MG/L
5	58-89-9	Gamma-BHC (Lindane)	0.0002	MG/L
5	117-81-7	bis(2-ethylhexyl)phthalate	0.006	MG/L
5	100-42-5	Styrene	0.1	MG/L
5	127-18-4	Tetrachloroethene	0.005	MG/L
5	108-88-3	Toluene	1	MG/L
5	79-01-6	Trichloroethene	0.005	MG/L
5	75-01-4	Vinyl Chloride	0.002	MG/L
5	1330-20-7	Xylenes, Total	10	MG/L
5	AC-227	Actinium-227	0.4	PCI/L
5	14596-10-2	Americium-241	12	PCI/L
5	13982-38-2	Bismuth-207	1200	PCI/L
5	10045-97-3	Cesium-137	120	PCI/L
5	10198-40-0	Cobalt-60	400	PCI/L
5	13981-16-3	Plutonium-238	16	PCI/L
5	13982-63-3	Radium-226	4	PCI/L
5	10098-97-2	Strontium-90	40	PCI/L
5	14274-82-9	Thorium-228	16	PCI/L
5	14269-63-7	Thorium-230	12	PCI/L
5	7440-29-1	Thorium-232	2	PCI/L
5	10028-17-8	Tritium	20000	PCI/L
5	U-233	Uranium-233	20	PCI/L
5	13966-29-5	Uranium-234	20	PCI/L
5	15117-96-1	Uranium-235	24	PCI/L
5	24678-82-8	Uranium-238	24	PCI/L
6	7440-47-3	Chromium	1.10E+03	MG/KG
6	7440-36-0	Antimony	8.50E+01	MG/KG
6	7440-38-2	Arsenic	6.40E+01	MG/KG
6	7440-39-3	Barium	1.50E+04	MG/KG
6	7440-41-7	Beryllium	1.10E+03	MG/KG
6	7440-43-9	Cadmium	2.10E+02	MG/KG
6	57-12-5	Cyanide	4.30E+03	MG/KG
6	7439-96-5	Manganese	2.70E+04	MG/KG

comp_no	par_code	parameter name	comparison value	units
6	7439-97-6	Mercury	6.40E+01	MG/KG
6	7440-02-0	Nickel	4.30E+03	MG/KG
6	7440-22-4	Silver	1.10E+03	MG/KG
6	7440-62-2	Vanadium	1.50E+03	MG/KG
6	7440-66-6	Zinc	6.40E+04	MG/KG
6	2691-41-0	HMX	1.10E+04	UG/KG
6	121-82-4	RDX	6.40E+04	UG/KG
6	50-29-3	4,4'-DDT	1.10E+02	MG/KG
6	11097-69-1	Aroclor-1254	4.30E+00	MG/KG
6	60-57-1	Dieldrin	1.10E+01	MG/KG
6	106-44-5	4-Methylphenol	1.10E+03	MG/KG
6	120-12-7	Anthracene	6.40E+04	MG/KG
6	65-85-0	Benzoic Acid	8.50E+05	MG/KG
6	117-81-7	Bis(2-ethylhexyl)phthalate	4.30E+03	MG/KG
6	85-68-7	Butyl Benzyl Phthalate	4.30E+04	MG/KG
6	84-74-2	Di-n-butyl Phthalate	2.10E+04	MG/KG
6	117-84-0	Di-n-octyl Phthalate	4.30E+03	MG/KG
6	206-44-0	Fluoranthene	8.50E+03	MG/KG
6	78-59-1	Isophorone	4.30E+04	MG/KG
6	87-86-5	Pentachlorophenol	6.40E+03	MG/KG
6	108-95-2	Phenol	1.30E+05	MG/KG
6	129-00-0	Pyrene	6.40E+03	MG/KG
6	75-34-3	1,1-Dichloroethane	7.80E+00	MG/KG
6	156-60-5	1,2-trans-Dichloroethene	4.30E+03	MG/KG
6	108-10-1	2-Methyl-4-pentanone	7.00E+02	MG/KG
6	67-64-1	Acetone	2.10E+04	MG/KG
6	75-27-4	Bromodichloromethane	4.30E+03	MG/KG
6	75-25-2	Bromoform	4.30E+03	MG/KG
6	75-15-0	Carbon Disulfide	2.80E+02	MG/KG
6	56-23-5	Carbon Tetrachloride	1.50E+02	MG/KG
6	75-00-3	Chloroethane	1.60E+02	MG/KG
6	67-66-3	Chloroform	2.10E+03	MG/KG
6	124-48-1	Dibromochloromethane	4.30E+03	MG/KG
6	75-09-2	Dichloromethane	1.00E+03	MG/KG
6	100-41-4	Ethylbenzene	4.80E-01	MG/KG
6	110-54-3	Hexane	9.10E+01	MG/KG
6	127-18-4	Tetrachloroethene	2.10E+03	MG/KG
6	108-88-3	Toluene	2.50E+02	MG/KG
6	75-69-4	Trichlorofluoromethane	7.30E+02	MG/KG
6	1330-20-7	Xylenes, Total	4.30E+05	MG/KG
6	78-93-3	2-Butanone	9.30E+03	MG/KG

1 Value is 10-6 Risk-Based Guide Value
2 Value is OU9 Soil Background Value
3 Value is other criteria, I.e. 5 pCi/g for certain radionuclides
25 pCi/g plutonium
5 Value is MCL
6 Value is the Guide Value based on the hazard index

Reference 3

MOUND PLANT
PRS 346/347/348/355/370
SOIL CONTAMINATION

RECOMMENDATION:

PRS 346, 347, 348, 355, and 370 are soil potential release sites (PRSs) located in the southern sector of the original Mound plant. These soil locations were identified as PRSs due to qualitative hydrocarbon detections found during the PETREX soil gas portion of the ***OU5, Non Area of Concern*** investigation. No radioactive or hazardous waste generating processes or activities are known to have occurred at PRSs 346, 347, 348, 355, or 370.

In 1996, the Soil Gas Confirmation sampling effort sampled the locations with the highest ion counts (confirmation sample locations 15, 16, and 17) in the southern sector and discovered no contamination above the 10-6 risk range. PRSs 346, 347, 348, 355, and 370 were not sampled as part of the *Soil Gas Confirmation Sampling* but the PRSs had lower ion counts than confirmation sample locations 15, 16, and 17. This implies that PRSs 346, 347, 348, 355, and 370 will have similar or lower health risk.

All radiological samples collected near these PRSs indicate that radionuclides are below their applicable 10^{-6} Risk Based Guideline Criteria, ALARA, regulatory, or background levels. Therefore, NO FURTHER ASSESSMENT is recommended.

CONCURRENCE:

DOE/MB: Arthur W. Kleinrath, Remedial Project Manager — 11/20/96 (date)

USEPA: Timothy J. Fischer, Remedial Project Manager — 11/20/96 (date)

OEPA: Brian K. Nickel, Project Manager — 11/20/96 (date)

SUMMARY OF COMMENTS AND RESPONSES:

Comment period from 12/19/96 to 1/23/97

☒ No comments were received during the comment period.

☐ Comment responses can be found on page _____ of this package.

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