

# MOUND



**Environmental  
Restoration  
Program**

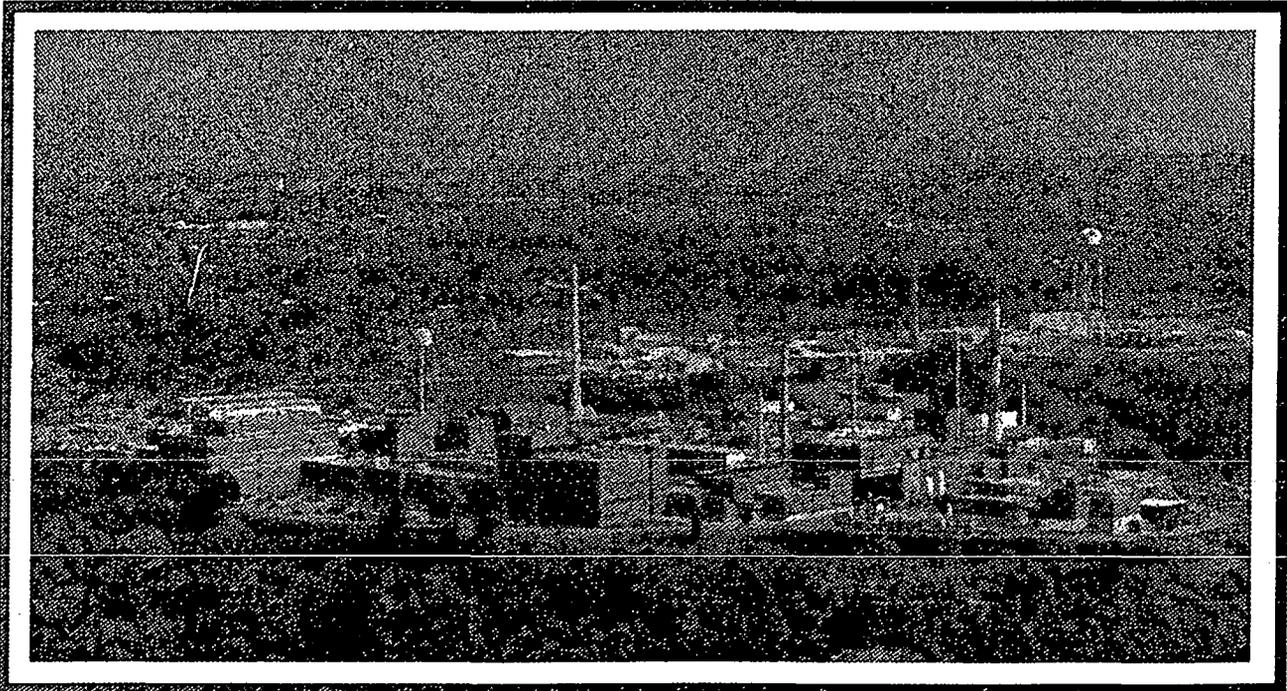


**Ohio EPA**

# MOUND PLANT

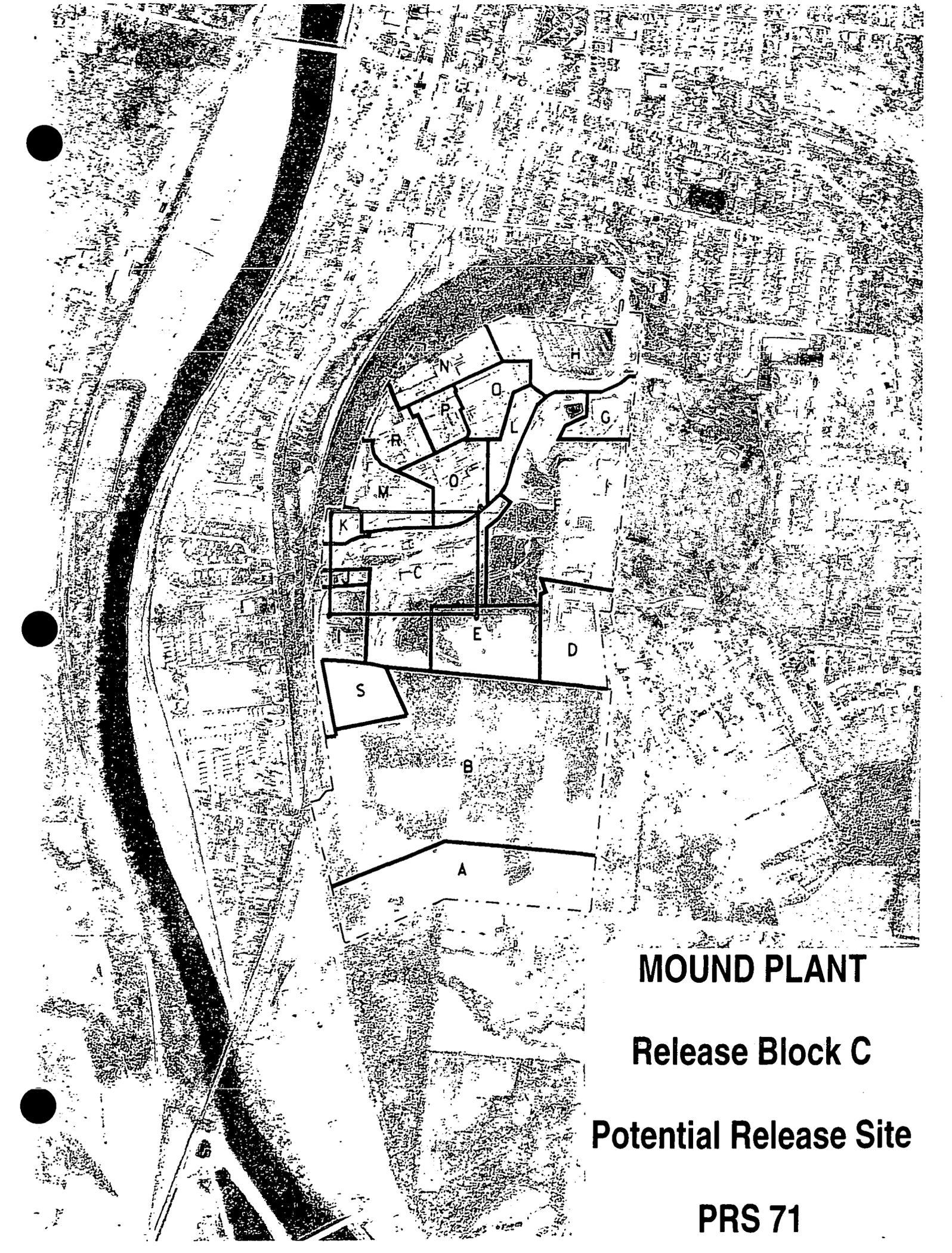
## Potential Release Site Package

### PRS # 71



PRS 71

REV	DESCRIPTION	DATE
0 <b>PUBLIC RELEASE</b>	Available for comments.	<b>Mar. 4, 1996</b>
1 <b>FINAL</b>	Comment period expired. No comments. Recommendation page annotated.	<b>Oct. 10, 1996</b>

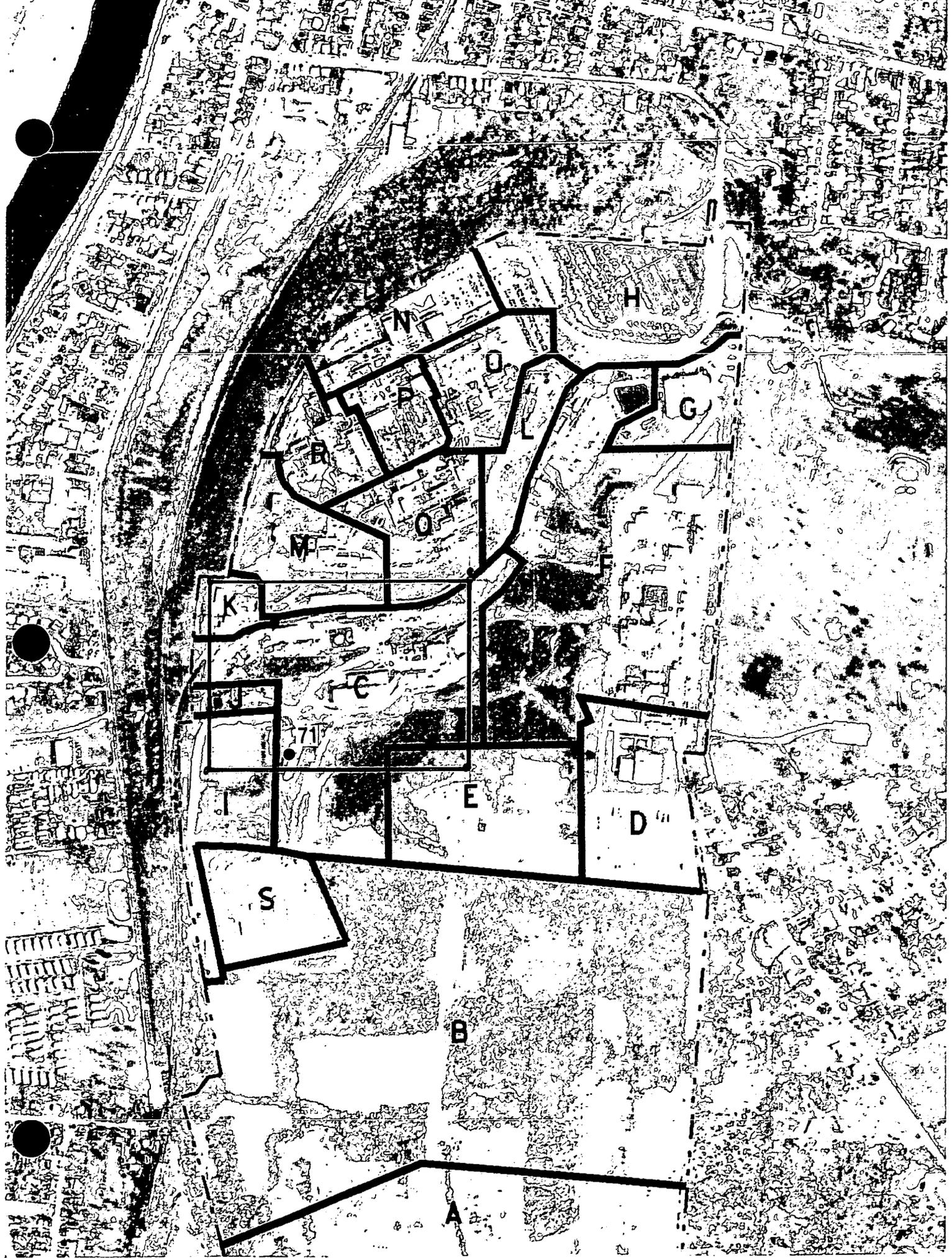


**MOUND PLANT**

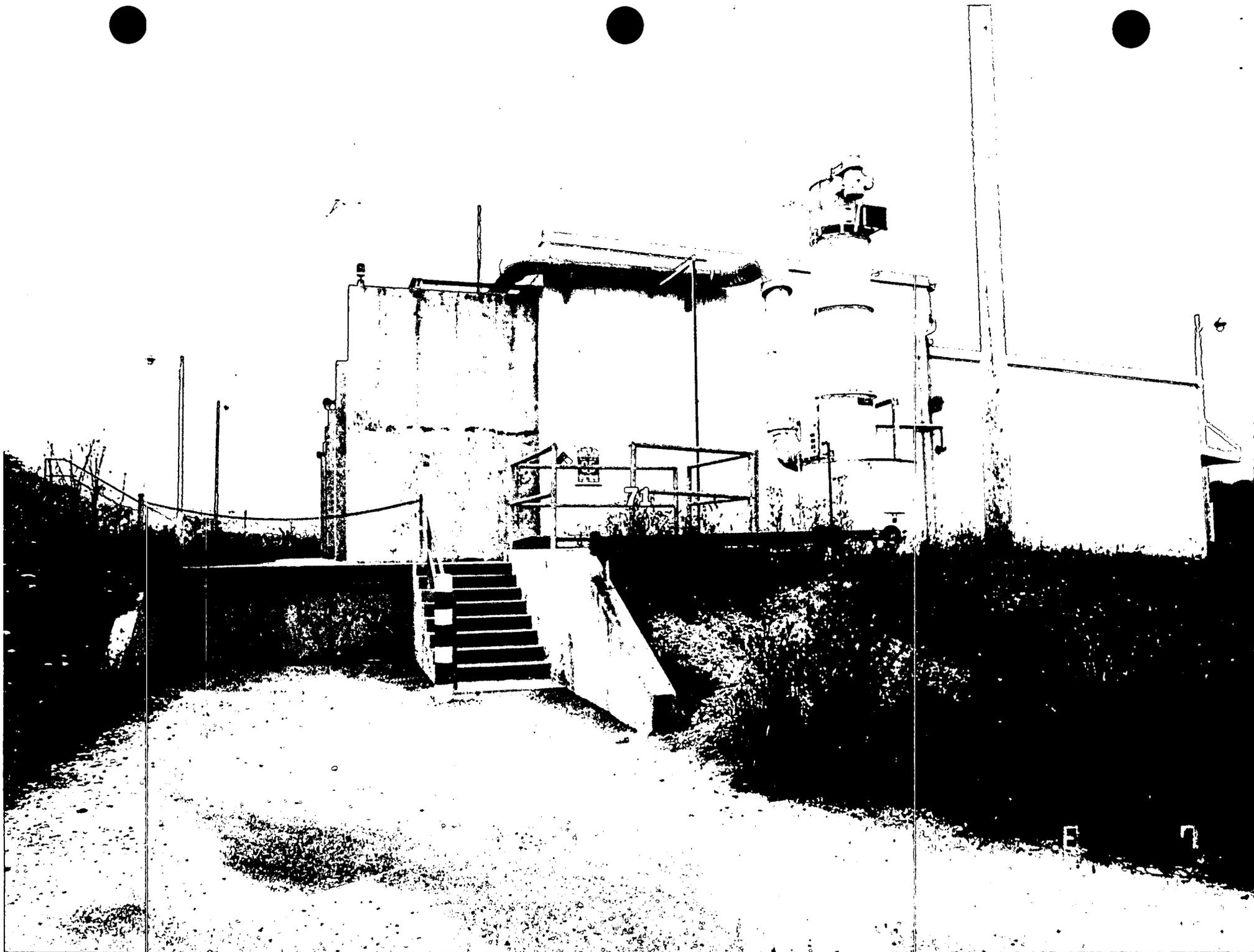
**Release Block C**

**Potential Release Site**

**PRS 71**







## PRS 71

### PRS HISTORY:

PRS 71 was identified as an underground storage tank (UST), tank #136. The tank was designed to store waste solvent associated with explosive processing in Building 85.<sup>2,3</sup>

### PROCESS DESCRIPTION:

No hazardous waste was generated due to the fact that the Building 85 nor the tank 136 were ever in operation.<sup>2</sup>

There are no other hazardous waste or radioactive generating processes known to have occurred at the location of PRS 71.

### CONTAMINATION:

Soil sampling, using the Mound Soil Screening Facility, resulted with levels of Plutonium-238 (Pu-238) and Thorium-232 (Th-232) below the Mound Plant As Low As Reasonably Achievable (ALARA) criteria of 25 pCi/g for Pu-238 and 5 pCi/g for Th-232.<sup>5</sup> Soil gas sampling for chemical contamination, using PETREX, resulted with detected ion counts for Total Aromatic Hydrocarbons of 503,834 and Petroleum Hydrocarbons of 952,251. Total Semi-Volatile Hydrocarbons and Halogenated Hydrocarbons resulted with no-detect (ND).<sup>6</sup> There was not any soil sampling conducted due to the relatively low soil gas detection.<sup>4</sup>

### READING ROOM REFERENCES:

- 1) OU9 Site Scoping Report, Vol. 12, Site Summary Report, December 1994. (pages 5-6)
- 2) Active Underground Storage Tank Plan, May 1994. (pages 7-9)
- 3) Mound Plant Underground Storage Tank Program Plan and Regulatory Status Review, November 1992. (pages 10-13)
- 4) Soil Gas Survey and Geophysical Investigations, Main Hill and SM/PP Areas Reconnaissance Sampling, Feb. 1993. (pages 14-15)
- 5) OU9 Site Scoping Report, Vol. 3, Radiological Site Survey, June 1993. (pages 16-18)
- 6) OU5 Operational Area Phase I Investigation Non-AOC Field Report, June 1985. (pages 19-21)

### OTHER REFERENCES:

- 7) Powder Processing and Blending Facility (PPBF) Building 85 Construction Drawings, June 1986. (pages 22-26)

### PREPARED BY:

Gary L. Coons, Member of EG&G Technical Staff

**MOUND PLANT  
PRS 71  
SOLVENT WASTE TANK - BUILDING 85**

**RECOMMENDATION:**

Historical process knowledge indicated that this Potential Release Site (PRS), which is a below grade tank located adjacent to Building 85, was never used. Building 85 was designed to store waste solvent associated with explosives processing, however was never occupied or used. Sampling that investigated chemical contamination in the area resulted with no levels of concern for volatile organic compounds (VOCs). There was no history of radiological processes occurring in the area of the building or tank location and radiological sampling near the location of the tank indicated thorium below the D&D clean-up level of 5 pCi/g surface and 15 pCi/g subsurface. Plutonium was not detected above the Mound Soil Screening Level of 25 pCi/g, which was well below the 10-5 risk guideline value of 55 pCi/g. Based on the sampling results and the fact that the tank was never used, PRS 71 has been recommended for NO FURTHER ASSESSMENT.

**CONCURRENCE:**

DOE/MB: Arthur W. Kleinrath 2/29/96  
Arthur W. Kleinrath, Remedial Project Manager (date)

USEPA: Timothy J. Fischer 3/4/96  
Timothy J. Fischer, Remedial Project Manager (date)

OEPA: Brian K. Nickel 2/29/96  
Brian K. Nickel, Project Manager (date)

**SUMMARY OF COMMENTS AND RESPONSES:**

Comment period from 4/15/96 to 5/15/96.

- No comments were received during the comment period.
- Comment responses can be found on page \_\_\_\_\_ of this package.

**REFERENCE MATERIAL**  
**PRS 71**

Environmental Restoration Program

**OPERABLE UNIT 9 SITE SCOPING REPORT:  
VOLUME 12 - SITE SUMMARY REPORT**

**MOUND PLANT  
MIAMISBURG, OHIO**

December 1994

**Final**

**U.S. Department of Energy  
Ohio Field Office**



EG&G Mound Applied Technologies

No.	Site Name	Location	Status	Operational Jurisdiction			SWMU	Historic Activities		Further Action Recommended	FFA OU
				Regulated Units	Regulatory Authority	Spill Response		Evidence Of Release	Response Authority		
69	Overflow Pond	H-5 I-5	Waters of the U.S.	(Cont.)	(Cont.)	(Cont.)	SWMU	No	CERCLA	Yes	9
70	Retention Basins and Weir Basin	H-5	Waters of the U.S.				SWMU	No	CERCLA	Yes	9
71	Building 85 Waste Solvent Tank (Tank 136)	I-5	Inactive	PBR	RCRA	RCRA	SWMU	No	CERCLA	No	5
72	Area 13, Polonium-Contaminated Wood from Dayton Unit IV	H-7	Historical	Runoff to plant drainage ditch	NA			Yes	CERCLA	Yes	5
73	Evaporator Storage Area	H-7	Historical		NA			No	CERCLA	No	5
74	Quonset Hut (former)	H-7	Historical		NA			No	CERCLA	No	5
75	Railroad Siding	G-6 G-7	Inactive		AEA	AEA		Yes	AEA	D&D	
76	Warehouse 9	G-7	Historical		NA			Yes	CERCLA	Yes	5
77	Warehouse 10	G-9	Historical		NA			Yes	CERCLA	Yes	5
78	Warehouse 13	G-9	Historical		NA			Yes	AEA	D&D	
79	Warehouse 15	E-8	Historical		NA			Yes	CERCLA	Yes	5
80	Warehouse 15A	F-8	Historical		NA			Yes	CERCLA	Yes	5
81	Drilling Mud Drum Storage Areas (3 locations)	H-5 I-4	Historical		NA		SWMU	No	CERCLA	No	5
82	Building 57 Diesel Fuel Storage Tank (Tank 118)	H-5	In service		BUSTR	BUSTR			NA	OM	
83	Building 2 Propane Storage Tank (Tank 122)	H-7	Inactive		AEA	NA		No	NA	OM	
84	Building 56 Diesel Fuel Storage Tank (Tank 223)	F-5	Historical		NA			No	CERCLA	Yes	2
85	Building 29 Solvent Storage Shed	E-8	Inactive	PBR	RCRA	RCRA	SWMU	No	NA	OM	
	9 Septic Tank (Tank 224)	E-9	Historical		NA			Yes	AEA	Yes	6
	Solvent Storage Shed	G-7	Inactive	PBR	RCRA	RCRA	SWMU	No	NA	OM	
	Contaminated Valley Aquifer	H-4	Historical		SDWA			Yes	AEA	OM	
	Individual Storage Area	H-7	In Service	PBR	RCRA	RCRA	SWMU	No	NA	OM	
	Survey Project Initial Hot Spot Location S0425	G-8	Grounds		AEA	NA		Yes	AEA	Yes	6
	Well Seep 0601	F-5	NA		NA			Yes	CERCLA	Yes	2
	Well Seep 0602	G-7	NA		NA			Yes	CERCLA	Yes	2



# EG&G MOUND APPLIED TECHNOLOGIES

Revised Draft

## *Active Underground Storage Tank Plan*

May 16, 1994

*Prepared for:*

Project Management and Planning  
EG&G Mound Applied Technologies  
One Mound Road  
Miamisburg, Ohio

CLIENT EG&G Mound Applied Technologies		JOB NUMBER 10805-794	DATE 4-19-94
JOB TITLE Active Underground Storage Tank Program		D&M TEAM Grantelli	
TANK NO. 136	BLDG/LOCATION 85	EG&G SPONSOR <del>D&amp;M</del> ER	OWNER U.S. DOE
TANK STATUS Inactive	TANK CAPACITY (gallons) 450	INSTALLATION DATE unknown	INTERVIEWED WITH INTERVIEW DATE

TANK DESCRIPTION, Purpose of Tank *Waste Solvent Tank*

<b>Tank Material</b> <input type="checkbox"/> Bare Steel (unprotected) <input type="checkbox"/> Composite (steel & FRP) <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Stainless Steel Lined Concrete <input type="checkbox"/> Steel Lined Concrete <input checked="" type="checkbox"/> Concrete <input checked="" type="checkbox"/> Other - Specify <input type="checkbox"/> Unknown <i>Stainless Steel</i>	<b>Tank Cathodic Protection</b> <input type="checkbox"/> Internal Lining - Specify <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input type="checkbox"/> Composite (Steel & FRP) <input type="checkbox"/> Other - Specify <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> None	<b>Inlet of Tank</b> <i>Never Used</i>  <b>Outlet of Tank</b> <i>Never Used</i>	<b>History of Spills</b> <i>No</i> <b>Spill/Overflow Prevention</b> <input type="checkbox"/> Float Vent Valve <input type="checkbox"/> High Level Alarm <input type="checkbox"/> Auto Shutoff <input type="checkbox"/> Other - Specify <input type="checkbox"/> None <del>Unknown</del>
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<b>Piping Material</b> <input type="checkbox"/> Cathodically Protected Steel <input type="checkbox"/> Bare Steel (unprotected) <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Double Walled or Jacketed <input checked="" type="checkbox"/> Other - Specify <input type="checkbox"/> Unknown	<b>Substance Currently/Last Stored</b> <input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Used Oil <input type="checkbox"/> Hazardous Substances - Specify <input type="checkbox"/> Other - Specify <input type="checkbox"/> Unknown <i>Never Used</i>	<b>Tank Site Description</b> <input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Soil <input type="checkbox"/> Asphalt/Concrete <input type="checkbox"/> Storm Drains, Potential Surface water runoff <input type="checkbox"/> Soil Staining <i>Unknown</i>	<b>DOE / AEC / PM No:</b> <i>never used</i> <b>Calibration Records</b> <i>n/a</i> <b>Maintenance Records</b>
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<b>Tank Release Detection Method</b> <input type="checkbox"/> Inventory Control <input type="checkbox"/> Manual Tank Gauging <input type="checkbox"/> Tank Tightness Testing <input type="checkbox"/> Automatic In-Tank Monitor & Inventory Control <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Groundwater Monitoring <input type="checkbox"/> Secondary Containment with Interstitial Monitoring <input type="checkbox"/> Other - Specify <input type="checkbox"/> None <i>n/a</i>	<b>Piping Release Detection Method</b> <input type="checkbox"/> Pressure Piping Automatic Line Flow Restrictor <input type="checkbox"/> Pressure Piping Automatic Line Shutoff Device <input type="checkbox"/> Line Tightness Test (Pressure Annual, Suction Every 3 yrs) <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Groundwater Monitoring <input type="checkbox"/> Approved Suction Piping <input type="checkbox"/> Other - Specify <input type="checkbox"/> None <i>n/a</i>	<b>Closure</b> <b>Date of Last use</b> <i>Never Used</i> <b>Intended Replacement</b>  <b>Closure Plan</b>  <b>Part of Operable Unit</b> <i>OU5</i>	<b>Primary Regulatory Jurisdiction</b> <i>FFA</i> <b>Spill Jurisdiction</b> <i>FFA</i> <b>Regulated Units</b>
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DOCUMENTS, REFERENCES USED: *DOE, 1992a; DOE, 1993*

COMMENTS: *This tank was not & will not be used due to design concerns. Currently it is planned for removal under OU5. It is not a potential source.*

SIGNATURE *Walter Grantelli*

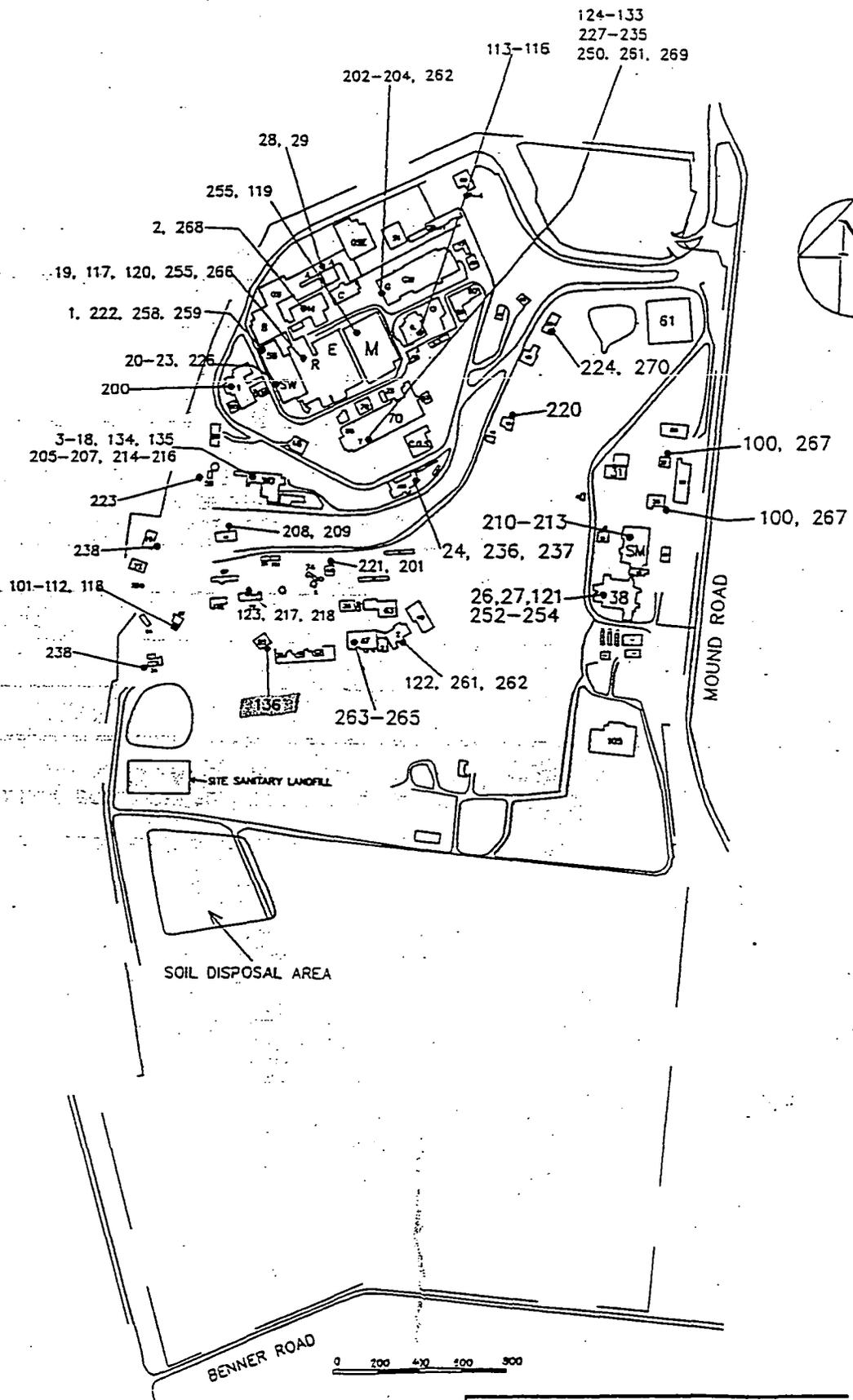


FIGURE 1  
Approximate AUST Locations  
EG&G Mound AUST Plan Rev. 0.0

**ENVIRONMENTAL RESTORATION PROGRAM**

**MOUND PLANT UNDERGROUND STORAGE TANK PROGRAM PLAN  
AND REGULATORY STATUS REVIEW**

**MOUND PLANT  
MIAMISBURG, OHIO**

**November 1992**

**DEPARTMENT OF ENERGY  
ALBUQUERQUE OPERATIONS OFFICE  
ENVIRONMENTAL RESTORATION PROGRAM  
EG&G MOUND APPLIED TECHNOLOGIES  
FINAL (REVISION 0)**

be introduced to the tank, it would still not be subject to RCRA hazardous waste or UST regulations because it is considered a wastewater treatment unit.

#### 2.2.22. WD Building Annex Basement: Sanitary Waste Tank (Tank 135)

A 3.5-foot diameter (construction information was not available) tank located adjacent to the north wall of the WD Building Annex basement is used to collect sanitary wastewater from shower and toilet facilities in the WD Building Annex penthouse. The tank drains to the Building 57 New Sewage Disposal Area for sanitary waste treatment.

This tank is part of a wastewater treatment system that discharges subject to CWA § 402 (NPDES)(O.A.C. 3745-33) regulations. Since this sump has received only sanitary waste, it is not subject to RCRA hazardous waste tank regulations or 40 CFR part 280 (O.A.C. 1301: 7-9). Unless it is determined that hazardous substances that pose a threat to human health or the environment are present in the sump, the sump is not subject to CERCLA. Should wastes other than sanitary wastes be introduced to the tank, it would still not be subject to RCRA hazardous waste or UST regulations because it is considered a wastewater treatment unit.

#### ~~2.2.23. Building 85 Waste Solvent Tank (Tank 136)~~

A 450-gallon, stainless-steel tank at Building 85 was intended for use as a waste solvent collection tank for explosives processing. The tank is below grade in a concrete "coffin" covered by a metal lid. Neither the building nor the tank have been put into service. Mound personnel report that when operations are initiated in Building 85, the tank will not be used because of design concerns (Kabot, 1992a). As a result, the tank will not be a potential source and will not be a regulated unit. Accordingly, the tank and its location can be deleted as a concern as an UST.

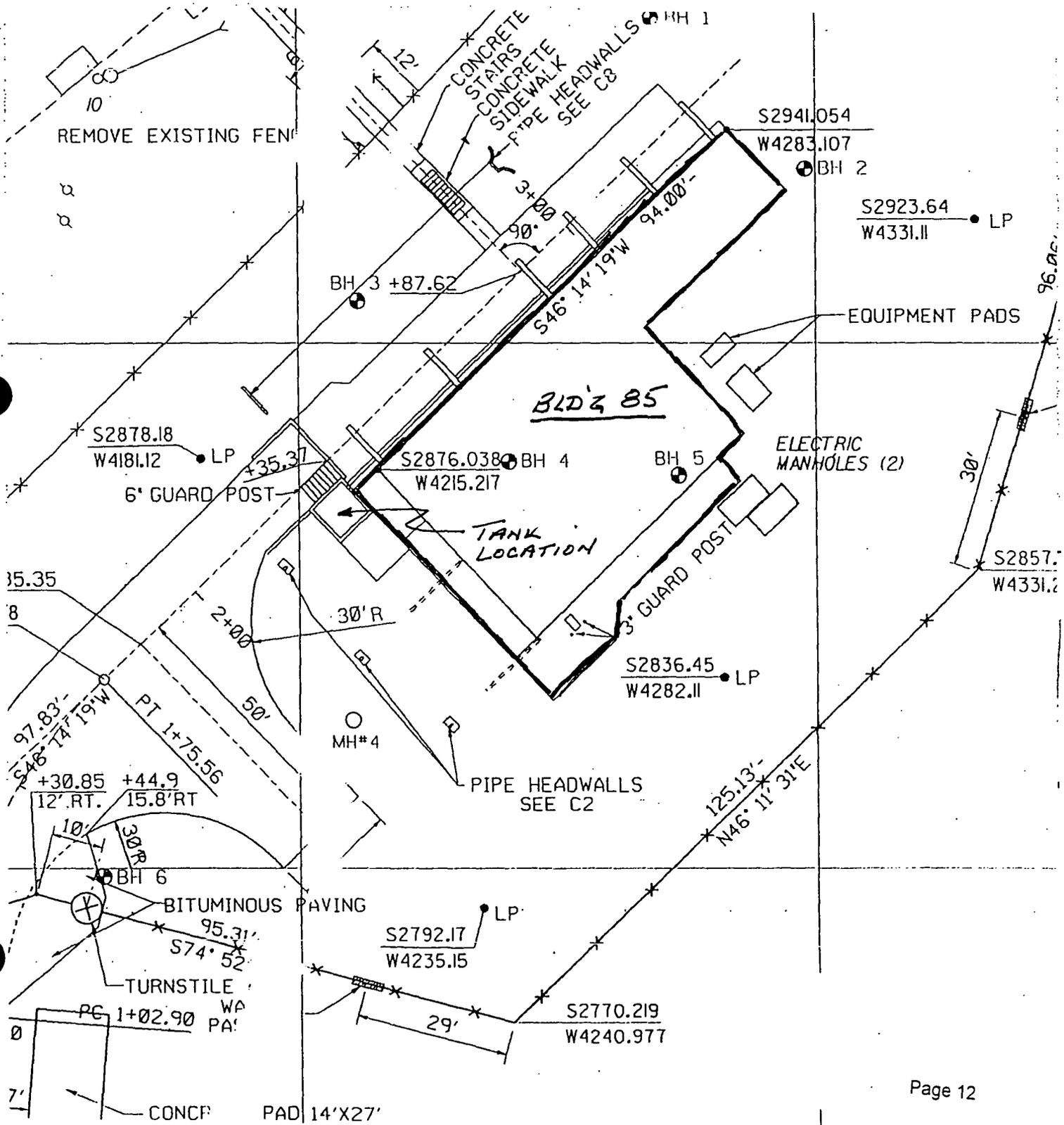
### 2.3. INACTIVE TANKS

The following are inactive USTs and former UST sites identified at Mound Plant based on available documentation and communications with Mound Plant personnel.

#### 2.3.1. Buildings 1 and 43: Explosives Wastewater Settling Basins (Tanks 200 and 201)

To the west of Building 1 and Building 43 are concrete settling basins (one west of each building) were formerly used to filter and settle out explosives elements in an explosives production process waste stream. After passing through the basins, wastes from both units would drain to an evapora

Engineering DWG June 1986





ENVIRONMENTAL RESTORATION PROGRAM

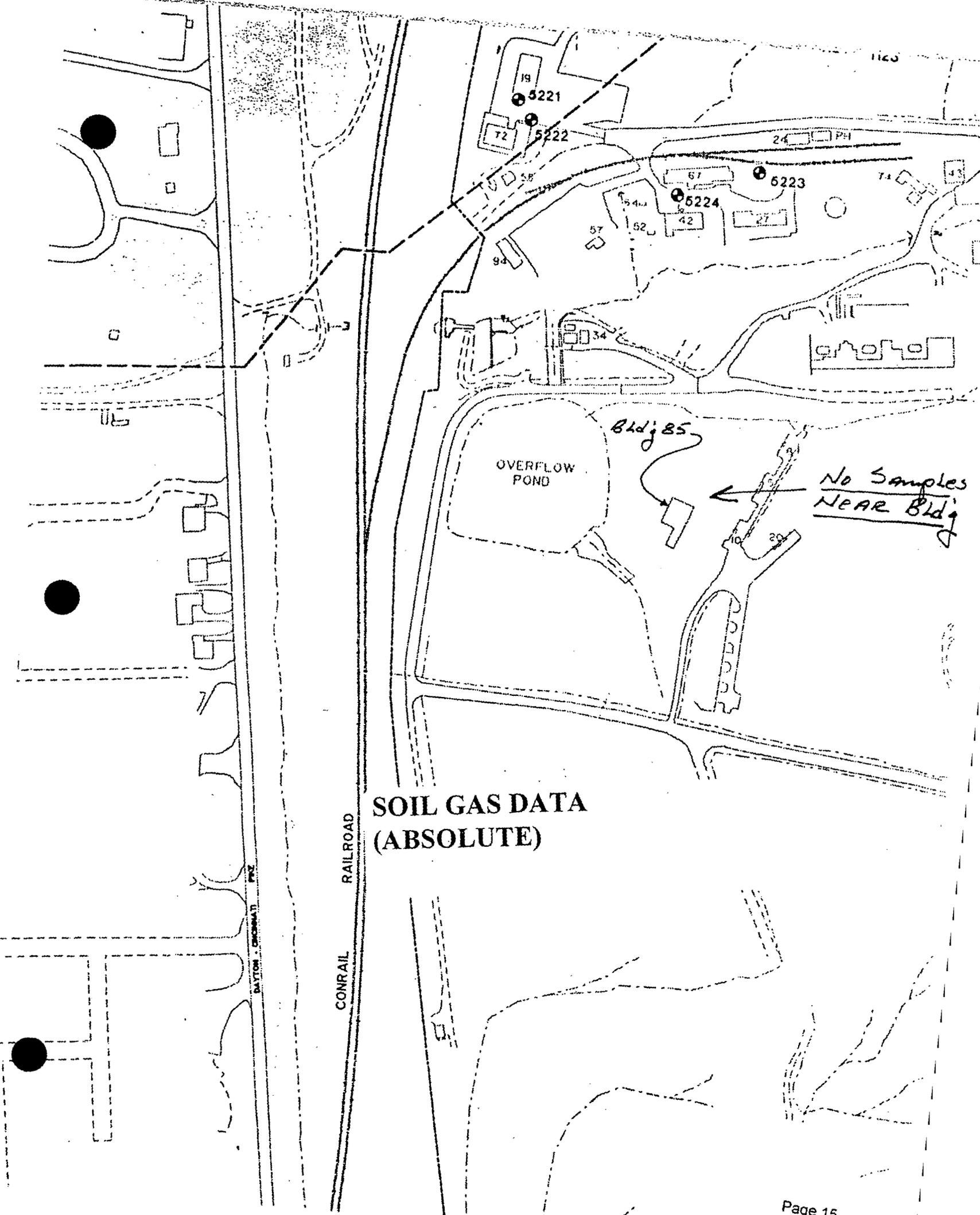
SOIL GAS SURVEY AND GEOPHYSICAL INVESTIGATIONS  
MAIN HILL AND SM/PP HILL AREAS  
RECONNAISSANCE SAMPLING

MOUND PLANT  
MIAMISBURG, OHIO

February 1993

DEPARTMENT OF ENERGY  
ALBUQUERQUE OFFICE

ENVIRONMENTAL RESTORATION PROGRAM  
EG&G MOUND APPLIED TECHNOLOGIES



**SOIL GAS DATA  
(ABSOLUTE)**

**ENVIRONMENTAL RESTORATION PROGRAM**

**OPERABLE UNIT 9, SITE SCOPING REPORT:  
VOLUME 3 - RADIOLOGICAL SITE SURVEY**

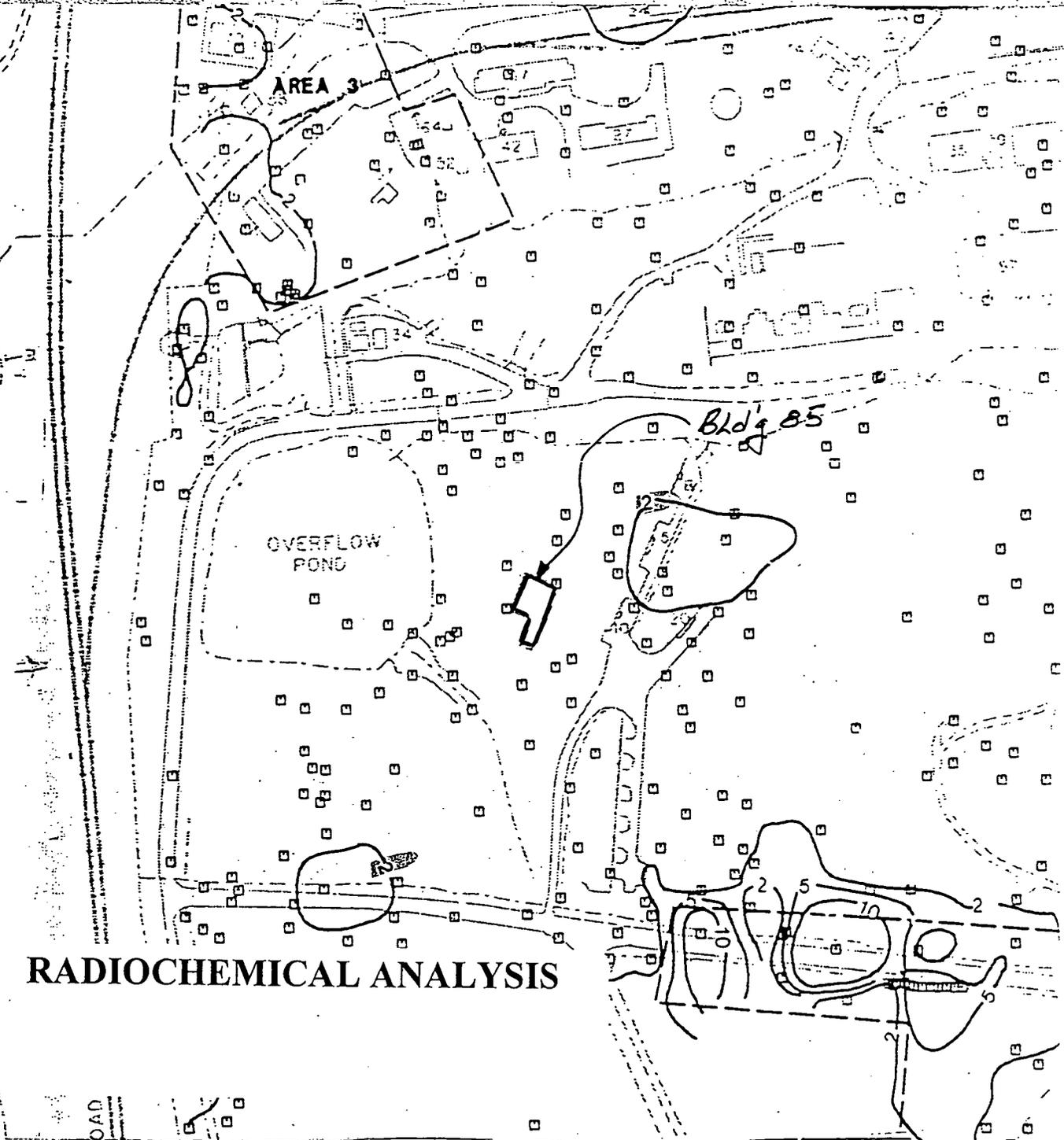
**MOUND PLANT  
MIAMISBURG, OHIO**

**June 1993**

**DEPARTMENT OF ENERGY  
ALBUQUERQUE FIELD OFFICE**

**ENVIRONMENTAL RESTORATION PROGRAM  
EG&G MOUND APPLIED TECHNOLOGIES**

**FINAL**



**RADIOCHEMICAL ANALYSIS**

ER PROGRAM

**MOUND PLANT**

Miamisburg, Ohio

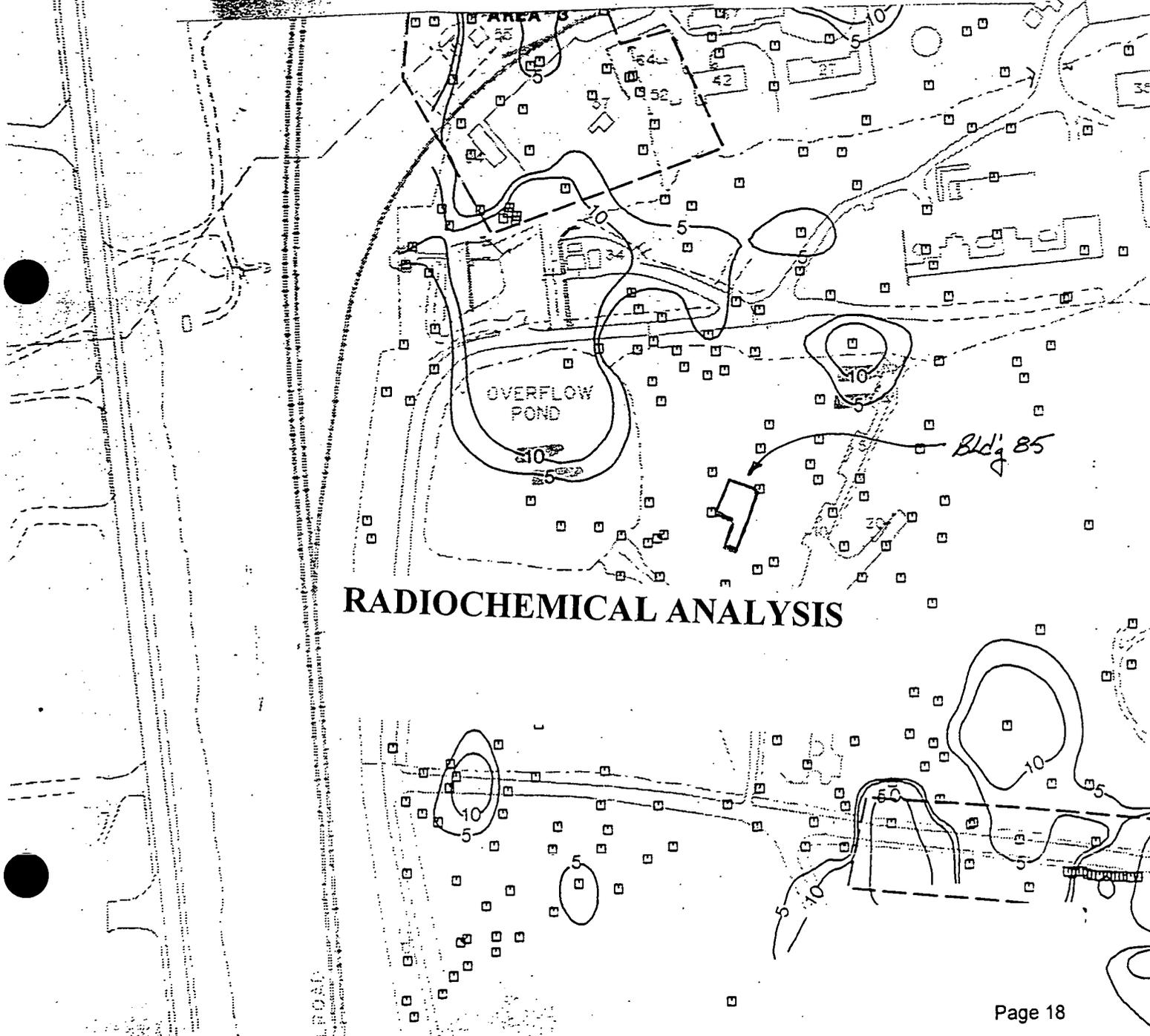
PLATE 5

Site Survey Project  
Thorium Concentrations

# ER PROGRAM MOUND PLANT

Miamisburg, Ohio

## PLATE 4 Site Survey Project Plutonium Concentrations



Environmental Restoration Program

**OPERABLE UNIT 5  
OPERATIONAL AREA PHASE I INVESTIGATION  
NON-AOC FIELD REPORT**

**MOUND PLANT  
MIAMISBURG, OHIO**

**VOLUME I - TEXT**

**June 1995**

**Final (Revision 0)**



**U.S. Department of Energy  
Ohio Field Office**

**EG&G Mound Applied Technologies**

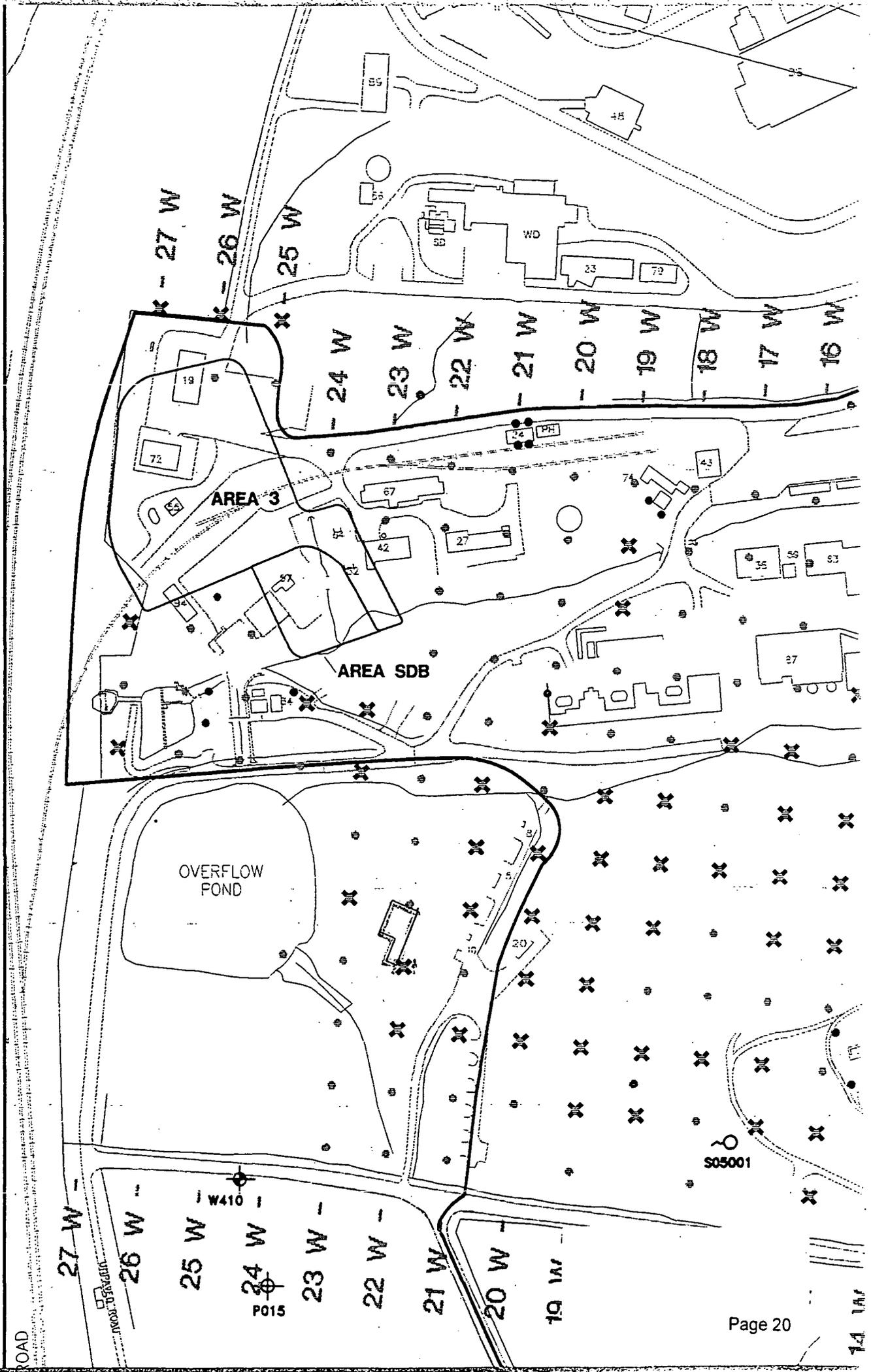


Table II.2. Summary of Elevated Surface Radiological Activity in  
 Non-AOC (FIDLER Survey)  
 Page 2 of 5

Location	Channel 1 (cpm)		Channel 2 (kcpm)		Out Channel (kcpm)
	CC	RDG	CC	RDG	RDG
3N20	130	--	5.2	9.0	a
3N21		--		8.0	a
3N22	138	150	7.3	8.5	a
4N4	136.8	--	5.2	7.0	a
4N6.5		1000		80.0	45.0
4N5		--		5.5	a
4N7		--		6.0	a
4N13	165.3	--	7.6	8.5	a
4N19	173.2	--	8.7	9.5	a
4N20	130	--	5.2	5.5	a
4N22	154	--	6.7	8.0	a
5N13	173.2	--	8.7	9.5	a
5N15		--		9.5	a
5N16	200.1	--	9.7	11.0	a
5N18		--		10.5	a
5N19	130	--	5.2	9.5	a
5N20		--		6.5	a
5N21		--		6.0	a
5N23	138	--		6.5	a
6N3	154	--	6.7	9.0	a
6N7	123.1	140	4.5	9.0	a
6N8	177.7	--	9.3	9.5	a
6N9		--		9.5	a
6N11	173.2	--	8.7	9.5	a
6N12	<b>FIDLER DATA</b>				a
6N13					a
6N14					a
					a

Environmental Restoration Program

**OPERABLE UNIT 5  
OPERATIONAL AREA PHASE I INVESTIGATION  
NON-AOC FIELD REPORT**

**MOUND PLANT  
MIAMISBURG, OHIO**

**VOLUME II - APPENDICES A-G**

**June 1995**

**Final (Revision 0)**

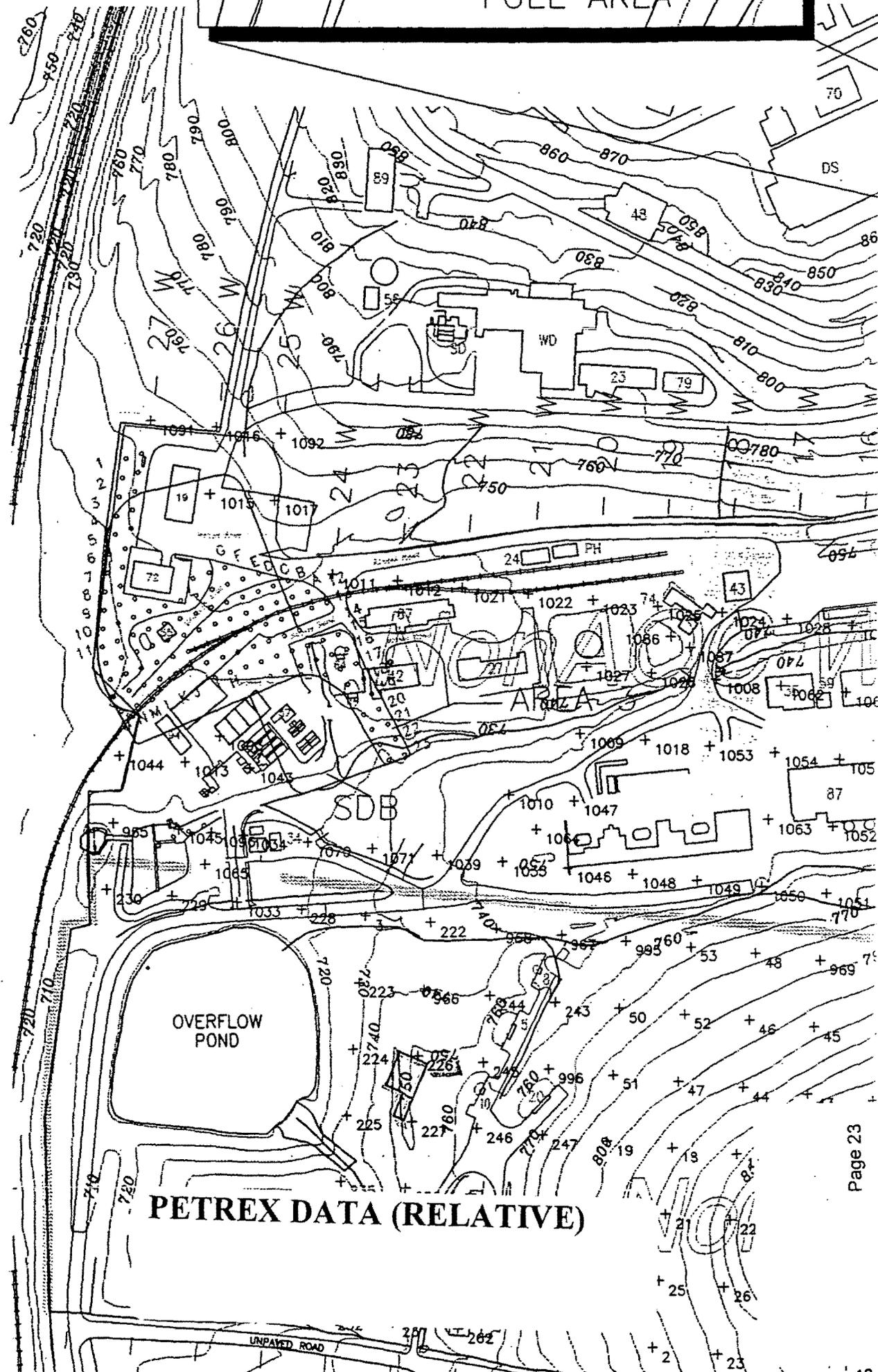


**U.S. Department of Energy  
Ohio Field Office**

**EG&G Mound Applied Technologies**

SEPARATOR

+1083 FUEL AREA



PETREX DATA (RELATIVE)

# PETREX DATA (RELATIVE)

Table 1 (cont'd)

Sample #	Total Aromatic Hydrocarbons (a)	Total Semivolatile Hydrocarbons (b)	Total C5 to C11 Petroleum Hydrocarbons (c)	Total Halogenated Hydrocarbons (d)
216	583,402	20,316	924,070	ND
217	131,197	ND	176,572	ND
2217 (e)	111,173	1,591	158,499	1,476
218	769,932	8,507	1,622,856	ND
219	175,145	71,014	830,559	ND
220	T	ND	T	ND
221	57,961	ND	85,895	ND
222	125,575	ND	281,182	ND
223	508,222	ND	1,263,111	8,783
225	107,925	1,173	185,399	ND
226	503,834	ND	952,251	ND
227	71,884	ND	107,932	ND
228	45,925	ND	97,090	ND
229	1,044,786	ND	2,338,352	ND
230	104,747	ND	242,338	1,148
232	79,236	ND	177,211	ND
233	905,196	ND	1,575,045	ND
234	491,167	ND	898,007	15,907
235	445,896	ND	875,540	13,307
236	1,461,063	ND	1,706,548	ND
237	80,748	ND	147,205	ND
238	30,460	ND	32,482	ND
239	4,568,544	2,635	8,946,541	2,330,151
240	436,154	ND	860,642	61,580
241	24,929	ND	61,916	ND
242	18,190	ND	18,190	ND
2242 (e)	3,825	ND	3,825	ND

APPENDIX D

RADIOLOGICAL DATA (FIDLER SURVEY MOUND SOIL SCREENING FACILITY DATA) FOR NON-AOC POINTS

SMPID	FIDLER SURVEY DATA					MOUND SOIL SCREENING FACILITY DATA			
	Contamination Criteria CH1	FIDLER Readings CH1	Contamination Criteria CH2	FIDLER Readings CH2	FIDLER Readings Out Channel	Plutonium - 238		Thorium - 232	
	Units: CPM	Units: CPM	Units: KCPM	Units: KCPM	Units: KCPM	Units: pCi/g		Units: pCi/g	
	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	Note:	RESULTS	Note:
04N06	137.8	100	6.5	5.0	NC	0	a	0.3	a
04N6.5	137.8	1000	6.5	80	45	NC		NC	
04N07	137.8	100	6.5	6.0	NC	19	a	0.8	a
04N08	179.4	100	10.92	8.5	NC	0	a	1.1	a
04N13	170.3	130	9.72	8.5	NC	13	a	0.7	a
04N14	170.3	110	9.72	6.0	NC	16	a	1.4	a
04N15	179.4	170	10.92	8.5	NC	19	a	1.2	a
04N16	179.4	140	10.92	8.0	NC	31	b	0.8	a
04N17	179.4	170	10.92	8.0	NC	15	a	1	a
04N18	179.4	160	10.92	8.5	NC	37	b	1	a
04N19	179.4	150	10.92	9.5	NC	35	b	1.5	a
04N20	130	75	6.5	5.5	NC	21	a	1.1	a
04N21	130	50	6.5	4.5	NC	11	a	0.4	a
04N22	157.3	120	8.45	8.0	NC	0	a	0.9	a
04N23	139	100	9.23	6.5	NC	16	a	0.6	a
05N02	253.5	115						1.2	a
05N03	253.5	95						1.3	a
05N04	253.5	115						1.1	a
05N05	253.5	105						0.8	a
05N06	184.6	70						0.3	a
05N07	184.6	160						0.8	a
05N08	184.6	125	11.7	8.5	NC	18	a	1.2	a
05N13	179.4	145	10.92	9.5	NC	16	a	1.2	a
05N14	179.4	120	10.92	7.0	NC	25	b	0.2	a
05N15	179.4	140	10.92	9.5	NC	41	b	0.5	a
05N16	210.6	140	12.22	11.0	NC	16	a	1.1	a
05N17	210.6	145	12.22	9.0	NC	18	a	1	a
05N18	210.6	165	12.22	10.5	NC	39	b	0.8	a
05N19	130	105	6.5	9.5	NC	7	a	0.9	a

MOUND SOIL SCREEN DATA

APPENDIX D  
 RADIOLOGICAL DATA (FIDLER SURVEY MOUND SOIL SCREENING FACILITY DATA) FOR  
 NON-AOC POINTS

MOUND SOIL SCREENING FACILITY DATA				
SMPID	Plutonium - 238		Thorium - 232	
	Units: pCi/g		Units: pCi/g	
	RESULTS	Note:	RESULTS	Note:
<b>SOIL SCREENING SAMPLES</b>				
<i>ADDITIONAL LOCATIONS IN NON-AOC</i>				
13.25N06	2	a	0.4	a
13.5N15	20	a	0.8	a
13N22.5	12	a	0.3	a
14.3N13	14	a	0.8	a
2.5N18	13	a	1.3	a
21.5N2.5	25	b	1	a
OS5W	16	a	0.7	a
4.5N7.5	2	a	1	a
<i>SOIL SAMPLES</i>				
BB1001	8	a	0.4	a
BB2001	6	a	0.6	a
BB3001	5	a	0.7	a
BB4001	3	a	0.5	a
BB5001	7	a	0.1	a
BB6001	4	a	0.5	a
BB7001	8	a	0.4	a
<i>BUILDING 24</i>				
17001	9	a	1.2	a
17002	15	a	1.1	a
18001	38	b	6.7	b
18002	18	a	1.3	a
19001	6	a	0.4	a
19002	0	a	0.3	a
20001	2	a	0.3	a
20002	11	a	0.5	a
<i>WELL W410</i>				
B41001	17	a	0.7	a
B41002	0	a	0.8	a

- a - Mound Soil Screening Facility detection level not exceeded.  
 b - Concentration at or above the Mound Soil Screening Facility detection level.  
 c - Results of the wipe sample were less than 20 disintegrations per minute.  
 CPM - Counts per minute  
 KCPM - Counts per minute x 1000  
 pCi/g - Picocuries per gram