

# **U.S. DEPARTMENT OF ENERGY**

## **MOUND PLANT**

### **MIAMISBURG, OHIO**

#### **ENVIRONMENTAL RESTORATION**

#### **MONTHLY PROGRESS REPORT**

**April 2003**

### **1. INTRODUCTION**

Per a Federal Facility Agreement (FFA) between the U.S. Department of Energy (DOE), Miamisburg Closure Project (MCP), and the U.S. Environmental Protection Agency, Region V (US EPA), and the Ohio Environmental Protection Agency (OEPA) a Monthly Progress Report is submitted for the Exit Project at the DOE Mound Plant for the period April 1, 2003 through April 30, 2003. The purpose of this report is to inform the Agencies regarding progress achieved towards environmental remediation of the site. This monthly progress report contains:

- A description of actions that have been taken toward achieving compliance with the agreement during the previous month;
- All plans and procedures completed during the previous month;

- A description of all actions, data, and plans that are scheduled for the next month(s) and other information relating to the progress of construction as is customary in the industry;
- Information regarding progress toward completion unresolved delays encountered or anticipated that may affect the future schedule for implementation of any scope of work or work plan, and a description of efforts made to mitigate those delays or anticipated delays.

Other specific, minimum required contents are:

- Minutes of the monthly project managers' meeting (see Attachment A.1)
- Status of approved agreements, commitments, or changes
- Changes in key personnel (see Contact List, Attachment A.5)
- Actions taken pursuant to this agreement including percent completion
- Photographs illustrating actions taken during the month (see Attachment A.2)
- Results of sampling and tests and other data received or generated by DOE pursuant to this agreement
- All actions or activities completed during the month
- Actions or activities planned for the next two months
- Field changes made during the month (see Attachment A.4)
- A description of any delays or problems that arose during the execution of the work described in this agreement and any steps taken by DOE to alleviate such delays and problems.

## 2. RECENT AND UPCOMING ACTIVITIES

### ER/SOILS PROJECT

#### OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

#### Operable Unit 1 Performance

Monthly Pump & Treat Wells (Gallons)	Monthly SVE Knockout Tank (Gallons)	Monthly Total Water Treated (Gallons)	Cumulative Pump & Treat Wells (Gallons)	Cumulative SVE Knockout Tank (Gallons)	Cumulative Total (Gallons)
4,238,120	10,336	4,248,456	270,759,200	394,179	271,153,379

Possible Monthly Operating Hours	Air Stripper Down Time Hours	Operating Time (%)	Down Time (%)
936	12.5	98.66	1.34
Last Calculated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Calculated Cumulative Air Stripper Mass Removal	Last Estimated Cumulative Air Stripper Mass Removal (Pounds)	Date of Last Estimated Cumulative Air Stripper Mass Removal
25.37	12/05/01	27.08	04/08/03
SVE Down Time Hours	Operating Time (%)	Down Time (%)	
25.75	97.25	2.75	
Last Calculated SVE Mass Removal (Pounds)	Date of Last Calculated SVE Mass Removal	Last Estimated Cumulative SVE Mass Removal (Pounds)	Date of Last Estimated Cumulative SVE Mass Removal
3,980	12/30/01	4,105	03/03/03

Note: Operating hours based on 03/03/03 A.M. to 03/27/03 A.M.

## ER/SOILS PROJECT

### PRS 66

As of April 3, 14,209 cubic yards of contaminated soil had been removed along with about 9,300 cubic yards of clean overburden and asphalt. Contamination extended further to the west under the Building 29 footprint than originally expected. Chasing this contamination has increased the total expected removal volume significantly (approximately 4350 cubic yards outside the planned footprint has been removed). The shoring contractor is expected to initiate field work the week of April 7. The core team reviewed the Verification Sampling Plan. Responses to comments received from Ohio EPA are currently being negotiated.

### PRS 266/412

Verification sampling has been completed and the results indicate that the removal was successful. Site restoration was completed in early October and seeding has occurred. The OSC Report will be delivered to the regulators within several weeks.

### PRS 41/64/417

Further Assessment sampling fieldwork was initiated in early November. The data report was delivered to the regulators on December 19. Binning of PRS 41 (RA) and 64 (NFA) occurred at the February Core Team meeting. PRS 417 was binned NFA by the Core Team in March.

### PRS 269

PRS 269 was binned NFA by the Core Team in March.

## **SMPP/TFV PROJECT**

### **Building 19**

Agreement has been reached with USEPA and OEPA on final status survey methods for the corrugated metal. Two (2) fixed contamination areas will be cut out of the slab.

### **Building 28**

The Building Data Package is in development.

### **Building 34**

The Building Data Package is in development. The building will be taken as a construction demolition. The slab will be combined with adjacent removal action.

### **Building 38**

#### **Asbestos Abatement**

The abatement activity is 100% complete.

#### **HVAC Duct and System Removal**

The exhaust air ducting removal is 100% complete. This excludes the PP-6E filter banks and the external plenum, included in Phase II work. All Phase I systems and ducting have been removed.

#### **Drainage and Removal of Other Mechanical Systems and Equipment**

All other mechanical systems and equipment have been removed. Interior Demolition of walls/floors/miscellaneous furniture and fixtures 100% of the internal 2<sup>nd</sup> floor sheet metal and plasterboard walls have been removed.

#### **A-Line and F-Line Removal**

Work progresses to evaluate floor and pedestal removal prior to building demo.

#### **Drain Lines, Sumps, and Tanks**

These activities were started at the end of January 2003. 100% of above-grade drain lines have been removed. Approximately 10% of the underground drain lines have been removed. The sump and tank characterization continues with decontamination and demolition expected to start this month.

#### **Phase II**

Open-air demolition is expected to begin late May.

### **Building 47**

Work has begun on preparing work plans for safe shutdown and construction demolition.

### **Building 49**

Demolition began March 12 and was completed April 11.

### **Building 60**

The Building Data Package for the construction demolition was submitted to the Core Team on March 10. The Core Team and public review period has been completed. This Building Data Package contains final rad survey results. Demolition is scheduled to begin April 21.

### **Building 89**

The Building Data Package was released for Core Team and public review April 7.

### **Building 94**

The building was demolished on March 10.

### **G, GW, W Buildings**

Work has begun on preparing work plans for safe shutdown and construction demolition.

### **H-Building**

Work has begun on the decontamination, safe shutdown, and demolition work packages. The revised Action Memorandum was released for Core Team review on April 9.

### **HH-Building**

The subcontract has been placed on hold for up to six (6) months because of funding constraints. The subcontractor's facilities will remain onsite and the submittal process will continue through the delay.

### **WD/23/125 Buildings**

The demolition contractor's (BNFL) mobilization is complete. The contractor is submitting Integrated Work Control Packages for decontamination and demolition activities. Electrical power transfer for temporary electrical power to WD and WDA is complete. Isolation of all remaining utilities is in progress. Building characterization continues with BNFL and CH2M Hill supporting the activity. The asbestos abatement contractor has mobilized and abatement activities are expected to start soon. Strip-out of piping and equipment from various locations in WD and WDA is in progress.

The Action Memorandum for Buildings 23 and 125 is 95% complete; internal review will be the week of April 7.

## **MAIN HILL PROJECT**

During the month of March, the Main Hill Project transferred from R and SW-Building 8,468 cubic feet of LLW for a total of 19,913 cubic feet (CY2003) to date. In addition, Main Hill Project transferred from T-Building 6,172 cubic feet of LLW for a total of 13,120 cubic feet (CY2003) to date. Comments related to the R/SW Action Memorandum and the T-Building Data Package were received from the public. Responses are currently being drafted.

Work continues in T-Building removing unaffected (uncontaminated) concrete from both the block walls and concrete slab. Slab removal in T-40 and 41 has progressed as far as possible. Knocking out walls and slab removal in T-48/49/50 was scheduled the week of April 14. The work has been accelerated per the baseline schedule and will help in completing the removal of any contamination from the prior polonium operations. In addition, a Dingo excavator has been purchased and a vacuum system has been received from Rocky Flats. The two will be instrumental in the removal of the cap, rock and rubble.

Work continues in R/SW Building on the removal of suspected TRU waste in the red ductwork. The ducts have been removed and the plenum has been evaluated. The plenum was below TRU levels and efforts are now being concentrated in the filter bank area. In addition, work continues in R-108, the old ERS area and SW-152. SW-152 should be down posted from a limited security area by April 24 helping to accelerate schedule.

# Waste Stream Report - April 2003

(Reporting period April 1 thru April 30, 2003)

			Current Period	FY03 Waste Shipped
<u>Waste Type</u>	<u>Units</u>	<u>Waste in Storage</u>	<u>Waste Shipped</u>	<u>FYTD</u>
<b>Hazardous (SS)</b>	LBS.	28,700	0	0
- ER	CU. FT.	574	0	0
<b>Solid Waste Disposition</b>				
Construction	CU. YDS.		5,230	11,320
<b>TRU</b>	CU. FT.	4,390	1491	2,878
<b>Mixed</b>	CU. FT.	0	0	55
<b>Low-Level Radioactive</b>	<b>Total</b>	9,329	261,379	751,168
Envirocare	CU. FT		227,285	618,409
NTS	CU. FT		34,094	132,759
<b>Recycle</b>				
	<b>Units</b>	<b>YTD Waste Shipped</b>		
Metal	TONS		120	120
Glass	TONS		0	1
Paper	TONS		0	1
Tires	EACH			73

**Table 1. Document Status**

<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<b>ER PROJECT – Soils</b>			
<ul style="list-style-type: none"> <li>Miami Erie Canal RRE</li> </ul>	Draft to EPA Revision 1 Revision 2 Public Review Draft	03-02-00 (actual) 04-26-00 (actual) 04-26-00 (actual) TBD	EPA comments 03-29-00 EPA comments 05-10-00 Need to resolve PAH background issue
<ul style="list-style-type: none"> <li>Miami Erie Canal Ecological Risk Assessment</li> </ul>	Draft to EPA Draft, Comments Public Review Draft	05-15-00 (actual) TBD	EPA comments 04-25-00 EPA comments 06-12-00
<ul style="list-style-type: none"> <li>Canal Benzo-(a)-pyrene SAP</li> </ul>	Working Draft to DOE	11-29-01 (actual)	Samples collected 02-14-02. Approach to sampling documented in Data Report.
<ul style="list-style-type: none"> <li>Canal Benzo-(a)-pyrene Data Report</li> </ul>	Working Draft to DOE Draft to EPA Draft Proposed Final Final	03-28-02 (actual) 04-18-02 (actual) 10-22-02 (actual) 12-11-02 (actual)	USEPA comments 05-7-02 OEPA comments 05-23-02
Phase I			TCE contamination of PRS 87 halted transfer. Pursuing transfer with modified boundary contingent on well sampling data.
<ul style="list-style-type: none"> <li>Ecological Scoping Report</li> </ul>	Draft to EPA Public Review Draft Final	06-06-02 (actual) 09-19-02 (actual) 3-20-03 (actual)	
<ul style="list-style-type: none"> <li>Residual Risk Evaluation</li> </ul>	Draft to EPA Public Review Draft Final	07-02-02 (actual) 09-19-02 (actual) 3-20-03 (actual)	
<ul style="list-style-type: none"> <li>Proposed Plan</li> </ul>	Draft to EPA Public Review Draft Public review Draft	08-19-02 (actual) 09-30-02 (actual) 03-26-03 (actual)	
<ul style="list-style-type: none"> <li>Record of Decision</li> </ul>	Draft to EPA Draft Proposed Final Draft Proposed Final Final w/o signatures	10-02-02 (actual) 11-13-02 (actual) 03-20-03 (actual) 05-04-03	
<ul style="list-style-type: none"> <li>Environmental Summary</li> </ul>	Draft to EPA Draft to EPA Final	11-14-02 (actual) 05-01-03 TBD	
<ul style="list-style-type: none"> <li>OU1 Rebound Test Proposal</li> </ul>	Working Draft to DOE Draft to EPA Draft approved by CT Final	11-18-02 (actual) 11-26-02 (actual) 04-30-03 (actual) 05-15-03	
<ul style="list-style-type: none"> <li>PRS 7 SAP</li> </ul>	Working Draft to DOE Draft to EPA Recommendation Page to Core Team	04-11-01 (actual) 04-16-01 (actual) 01-05-03 (actual)	Core Team has approved finalization pending decision on path forward for entire sanitary system.
<ul style="list-style-type: none"> <li>PRSs 31-36, 125 &amp; 270 Package</li> </ul>	Working Draft to DOE Draft to EPA Public Review Draft Final	09-26-02 (actual) 09-30-02 (actual) 12-04-02 (actual) 03-03-03 (actual)	Document sequence complete.

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<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>• PRSs 41, 64, &amp; 417 SAP</li> </ul>	Draft to EPA Final	10-07-02 (actual) 12-03-02 (actual)	PRS 417 added
<ul style="list-style-type: none"> <li>• PRSs 41, 64, &amp; 417 Data Report</li> </ul>	Revision 0	12-19-02 (actual)	
<ul style="list-style-type: none"> <li>• PRS 41 Pkg</li> </ul>	Add. 1 Draft to EPA Bin Public review Draft Final	01-23-03 (actual) 02-19-03 (actual) 02-26-03 (actual) 05-15-03	
<ul style="list-style-type: none"> <li>• PRS 64 Pkg</li> </ul>	Add. 1 Draft to EPA Bin Public review Draft Final	01-23-03 (actual) 02-19-03 (actual) 02-26-03 (actual) 05-15-03	
<ul style="list-style-type: none"> <li>• PRS 417 Pkg</li> </ul>	Add. 1 Draft to EPA Bin Public review Draft Final	01-23-03 (actual) 03-19-03 (actual) 04-02-03 (actual) 5-29-03	
<ul style="list-style-type: none"> <li>• PRSs 66, 40, 80 SAP</li> </ul>	Draft to EPA Revision 1 Revision 2 Final to EPA Revision 1	10-25-99 (actual) 11-08-99 (actual) January 00 November 00 01-09-01 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 66, 40, 80 AM/EE/CA</li> </ul>	Preliminary to DOE Preliminary to OEPA Working Draft to DOE Draft to DOE Draft to EPA Public Review Draft Final	09-27-01 (actual) 10-10-01 (actual) 05-23-02 (actual) 06-25-02 (actual) 07-03-02 (actual) 10-31-02 (actual) TBD	
<ul style="list-style-type: none"> <li>• PRSs 66, 40, 80 Work Plan</li> </ul>	Draft to EPA Final	12-02-02 (actual) 02-03-03 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 66, 40, 80 VSAP</li> </ul>	Draft to DOE/EPA Final	02-26-03 (actual) 05-06-03	
<ul style="list-style-type: none"> <li>• PRS 66 Phase II/III Data Report</li> </ul>	Draft to Core team	02-26-03 (actual)	
<ul style="list-style-type: none"> <li>• PRS 66 Phase IV Data Report</li> </ul>	Draft to Core team	04-01-03 (actual)	
<ul style="list-style-type: none"> <li>• PRS 80 Package</li> </ul>	Public Review Draft Final	06-18-02 (actual) 08-28-02 (actual)	

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<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>• PRSs 72, 73, 87 SAP</li> </ul>	Working Draft to DOE Draft to EPA Final to EPA	05-29-01 (actual) 06-07-01 (actual) 01-30-02 (actual)	
<ul style="list-style-type: none"> <li>• FA Data Report</li> </ul>	Revision 0 Revision 1 Revision 2	09-26-01 (actual) 01-30-02 (actual) 04-04-02 (actual)	Response to Comments
<ul style="list-style-type: none"> <li>• PRSs 72, 73, 87 Package</li> </ul>	Working Draft to DOE Draft to Core Team	09-26-01 (actual) 12-06-01 (actual)	Addendum
<ul style="list-style-type: none"> <li>• PRSs 72 &amp; 73</li> </ul>	Binned NFA Public Review Draft Final	01-16-02 (actual) 04-01-02 (actual) 06-05-02 (actual)	Only PRSs 72&73 PRS 87 FA pending additional sampling
<ul style="list-style-type: none"> <li>• PRS 87 FA Data Report</li> </ul>	Rev. 0	05-22-03	FA sampling complete
<ul style="list-style-type: none"> <li>• PRS 87 Package</li> </ul>	Binned RA Addendum 1 Draft to EPA	12-11-02 (actual) 05-22-03	
<ul style="list-style-type: none"> <li>• PRS 76 Data Report</li> </ul>	Working Draft to DOE Draft to EPA Final to EPA Revision 1	06-13-01 (actual) 06-27-01 (actual) 09-25-01 (actual) 01-30-02 (actual)	SAP for VOC sampling deferred  Response to comments
<ul style="list-style-type: none"> <li>• PRS 76 Area Lithology &amp; VOC SAP</li> </ul>	Draft to EPA Final to EPA	07-02-02 (actual) TBD	
<ul style="list-style-type: none"> <li>• PRS 76 Area Lithology &amp; VOC Data Report</li> </ul>	Draft to EPA Final to EPA	TBD TBD	
<ul style="list-style-type: none"> <li>• PRS 76 Package Addendum</li> </ul>	Working Draft to DOE Draft to EPA Draft to EPA	09-26-01 (actual) 01-08-02 (actual) TBD	Addendum #1  Addendum #2 for VOC FA
<ul style="list-style-type: none"> <li>• PRS 123 Package</li> </ul>	Final	02-06-03 (actual)	
<ul style="list-style-type: none"> <li>• PRS 124 Package</li> </ul>	Draft to Core Team Binned RA Public Review Draft Final	04-18-01 (actual) 05-30-01 (actual) 07-31-02 (actual) 03-07-03 (actual)	Building 48 hillside

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<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>• PRSs 154/238 SAP</li> <li>• PRSs 154/238 Data Report</li> <li>• PRS 154/238 Package</li> </ul>	Draft to EPA Final to EPA  Revision 0  Binned RA Add. 1 Draft to EPA PRS Package PRD Final	06-06-02 (actual) 06-26-02 (actual)  12-03-02 (actual)  12-11-02 (actual) 12-03-02 (actual) 01-22-03 (actual) 05-15-03	
<ul style="list-style-type: none"> <li>• PRSs 266/412 Unique Work Plan</li> <li>• PRSs 266/412 VSAP</li> <li>• PRSs 266/412 VerificationData Report</li> <li>• PRS 266/412 OSC Report</li> </ul>	Draft to EPA  Draft to EPA Final to EPA  Rev. 0 complete  Draft to CT Final	04-08-02 (actual)  05-02-02 (actual) 06-26-02 (actual)  05-08-03  05-08-03 TBD	Work conducted under the Contingent Action Memo
<ul style="list-style-type: none"> <li>• PRS 267 SAP</li> <li>• PRS 267 Data Report</li> <li>• PRS 267 Add 1</li> </ul>	Working Draft to DOE Draft to EPA Final  Revision 0  Preliminary Draft for Core Team consideration  Public Review Draft	04-04-02 (actual) 04-04-02 (actual) 04-23-02 (actual)  09-19-02 (actual)  04-30-03(actual)  05-15-05	Binned RA
<ul style="list-style-type: none"> <li>• PRS 269 Data Report</li> <li>• PRS 269 Package Addendum 1</li> </ul>	Revision 0 complete  Working Draft to DOE Draft to Core Team Public Review Draft  Final	02-27-03 (actual)  02-13-03 (actual) 02-27-03 (actual) 04-09-03 (actual)  05-30-03	

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<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>• PRSs 274/275 Package</li> </ul>	Binned RA Draft to EPA Public Review Final	02-20-02 (actual) 12-03-02 (actual) 12-28-02 (actual) 02-27-03 (actual)	RA based on data presented informally by project
<ul style="list-style-type: none"> <li>• PRSs 274/275 Unique Work Plan</li> </ul>	Draft to EPA	04-04-02 (actual)	Work conducted under the Contingent Action Memo
<ul style="list-style-type: none"> <li>• PRSs 274/275 Fact Sheet</li> </ul>	Public Distribution	04-04-02 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 274/275 VSAP</li> </ul>	Draft to EPA Final	04-04-02 (actual) 04-29-02 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 274/275 Data Report</li> </ul>	Revision 0 Revision 1	06-06-02 (actual) 09-19-02 (actual)	Includes SAP data Includes VSAP data
<ul style="list-style-type: none"> <li>• PRSs 274/275 OSC Report</li> </ul>	Working Draft to DOE Draft to EPA Final	09-12-02 (actual) 09-24-02 (actual) 10-31-02 (actual)	Document Sequence complete.
<ul style="list-style-type: none"> <li>• PRSs 277/278 SAP</li> </ul>	Draft to EPA Final	08-15-00 (actual) 01-12-01 (actual)	Document sequence complete.
<ul style="list-style-type: none"> <li>• PRSs 277/278 FA Data Report</li> </ul>	Revision 0	09-26-01 (actual)	
<ul style="list-style-type: none"> <li>• PRS 277/278 Package</li> </ul>	Working Draft to DOE Binned RA Public Review Draft Final	09-26-01 (actual) 02-20-02 (actual) 04-04-02 (actual) 06-18-02 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 277/278 Fact Sheet</li> </ul>	Public Distribution	08-28-02 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 277/278 VSAP</li> </ul>	Draft to EPA Final	10-08-02 (actual) 11-25-02 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 277/278 Verification Data Report</li> </ul>	Revision 0	01-16-03 (actual)	
<ul style="list-style-type: none"> <li>• PRSs 277/278 OSC Report</li> </ul>	Draft to EPA Final	01-16-03 (actual) 03-06-03 (actual)	

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<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>• PRS 282 SAP</li> </ul>	Draft to EPA Final	04-04-02 (actual) 04-23-02 (actual)	Document sequence complete.
<ul style="list-style-type: none"> <li>• PRS 282 Data Report</li> </ul>	Revision 0	11-25-02 (actual)	
<ul style="list-style-type: none"> <li>• PRS 282 Package Addendum 1</li> </ul>	Draft to EPA Binned NFA Public Review Draft Final	11-25-02 (actual) 12-11-02 (actual) 01-08-03 (actual) 03-06-03 (actual)	
<ul style="list-style-type: none"> <li>• PRS 397 SAP</li> </ul>	Working Draft to DOE Draft to EPA Final	08-30-02 (actual) 09-04-02 (actual) 09-30-02 (actual)	
<ul style="list-style-type: none"> <li>• PRS 397 Data Report</li> </ul>	Revision 0	12-17-02 (actual)	
<ul style="list-style-type: none"> <li>• PRS 397 Package</li> </ul>	Add 1 Draft to EPA Public Review Draft Final	01-23-03 (actual) 02-26-03 (actual) 05-15-03	
<ul style="list-style-type: none"> <li>• PRSs 423-428 Package</li> </ul>	Draft to Core Team Binned RA Draft Proposed Final Public Review Draft Final	06-18-01 (actual) 07-18-01 (actual) 10-21-02 (actual) 11-13-02 (actual) 03-06-03 (actual)	Main Hill UGLy
<ul style="list-style-type: none"> <li>• PRSs 437-439 Package</li> </ul>	Draft to Core Team Binned RA Draft Proposed Final Public Review Draft Final	06-14-01 (actual) 07-18-01 (actual) 10-21-02 (actual) 11-13-02 (actual) 03-06-03 (actual)	Main Hill UGLy
<ul style="list-style-type: none"> <li>• PRS 440 Package</li> </ul>	Draft to Core Team Binned RA Draft Proposed Final Public Review Draft Final	06-14-01 (actual) 07-18-01 (actual) 10-21-02 (actual) 11-13-02 (actual) 03-06-03 (actual)	Main Hill UGLy
<ul style="list-style-type: none"> <li>• BD 38 AM Addendum 1</li> </ul>	Draft to EPA	04-08-03(actual)	
<ul style="list-style-type: none"> <li>• EG-2 Remedial Action Plan (RAP)</li> </ul>	Submit to Fire Marshall Receive RAP approval	3-11-03 (actual) 4-24-03 (actual)	
<ul style="list-style-type: none"> <li>• Test Fire Valley Soil Action Memo</li> </ul>	Working Draft to DOE Draft to EPA Public Review Draft	TBD TBD TBD	AM to cover PRS 154, 238, WD soil, BDs 23, 125, & HH slab and soil
<ul style="list-style-type: none"> <li>• UGL Action Memo</li> </ul>	Working Draft to DOE Draft to EPA Public Review Draft	09-26-02 (actual) 10-02-02 (actual) 05-22-03	PRSs 413, 415, 423-440
<ul style="list-style-type: none"> <li>• Petro Piles CSAP</li> </ul>	Draft to EPA Final to EPA	05-02-02 (actual) 05-22-02 (actual)	
<ul style="list-style-type: none"> <li>• Petro Piles Data Report</li> </ul>	Revision 0	TBD	After Phase I transfer

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<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<b>MAIN HILL PROJECT</b>			
<ul style="list-style-type: none"> <li>R/SW Building Action Memo</li> </ul>	Working Draft to DOE Draft to EPA Draft Proposed Final Public Review Draft Draft Proposed Final Revision 1 Public Review Draft Final	06-21-00 (actual) 08-07-00 (actual) 10-10-00 (actual) 11-29-00 (actual)  11-26-02 (actual) 03-06-03 (actual) 05-29-03	ARARs addition
<ul style="list-style-type: none"> <li>T Building Action Memo</li> </ul>	Working Draft to DOE Draft to EPA Public Review Draft Final	08-05-02 (actual) 11-25-02 (actual) 03-06-03 (actual) 05-29-03	
<ul style="list-style-type: none"> <li>T Building BDP</li> </ul>	Draft to Core Team Public Review Draft Final	11-26-02 (actual) 03-06-03 (actual) 05-29-03	
<b>SMPP / TEST FIRE VALLEY PROJECT</b>			
<ul style="list-style-type: none"> <li>Building 19 BDP</li> </ul>	Working Draft to DOE Public Review Draft Final	02-24-03 (actual) 03-05-03 (actual) TBD	Demolition
<ul style="list-style-type: none"> <li>FSS</li> </ul>	To regulators	TBD	
<ul style="list-style-type: none"> <li>Closeout Report</li> </ul>	Working draft to DOE Final	TBD TBD	
<ul style="list-style-type: none"> <li>Building 27 BDP</li> </ul>	Working Draft to DOE Public Review Draft Final	10-03-02 (actual) 10-16-02 (actual) TBD	Demolition
<ul style="list-style-type: none"> <li>Closeout report</li> </ul>	Working Draft to DOE Final	12-16-02 (actual) TBD	Final reports on hold pending resolution of Pb-210 issue.
<ul style="list-style-type: none"> <li>Building 28 BDP</li> </ul>	Working Draft to DOE Draft to EPA Binning Public Review Draft Final	TBD TBD TBD TBD TBD	Transition
<ul style="list-style-type: none"> <li>Building 34 BDP</li> </ul>	Working Draft to DOE Public Review Draft Final	05-08-03 05-15-03 TBD	Demolition
<ul style="list-style-type: none"> <li>Closeout Report</li> </ul>	Working Draft Final	TBD TBD	
<ul style="list-style-type: none"> <li>Building 46 BDP</li> </ul>	Working Draft to DOE Public Review Draft Final	04-29-03 (actual) 05-07-03 TBD	Demolition
<ul style="list-style-type: none"> <li>Closeout Report</li> </ul>	Working Draft Final	TBD TBD	

**Table 1. Document Status**

<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>• Building 47 BDP</li> <li>• Closeout Report</li> </ul>	Working Draft to DOE Public Review Draft Final  Working Draft Final	05-05-03 05-12-03 TBD  TBD TBD	Demolition
<ul style="list-style-type: none"> <li>• Building 49 BDP</li> <li>• Closeout Report</li> </ul>	Public Review Draft Final  Working Draft Final	02-19-03 (actual) TBD  TBD TBD	Change from transition to demolition
<ul style="list-style-type: none"> <li>• Building 60 BDP</li> <li>• Closeout report</li> </ul>	Working Draft to DOE Public Review Draft Final  Working Draft Final	03-05-03 (actual) 03-10-03 (actual) 05-05-03  TBD TBD	Demolition
<ul style="list-style-type: none"> <li>• Building 61 BDP</li> </ul>	Working Draft to DOE Draft to Core Team Binning Public Review Draft Final	09-09-02 (actual) 09-18-02 (actual) 11-25-02 (actual) 12-04-02 (actual) 03-24-03 (actual)	Transition  Document Sequence Complete
<ul style="list-style-type: none"> <li>• Building 89</li> <li>• Closeout Report</li> </ul>	Working Draft to DOE Public Review Draft Final  Working Draft Final	03-27-03 (actual) 04-03-03 (actual) TBD  TBD TBD	Demolition
<ul style="list-style-type: none"> <li>• Building 94 BDP</li> <li>• Closeout Report</li> </ul>	Working Draft to DOE Public Review Draft Final  Working Draft Final	01-14-03 (actual) 01-21-03 (actual) 05-29-03  04-17-03 (actual) 04-23-03 (actual)	Demolition
<ul style="list-style-type: none"> <li>• Building 95 BDP</li> <li>• Closeout Report</li> </ul>	Draft to Core Team Binned NFA Public Review Draft Final  Working draft to DOE Final	05-15-02 (actual) 07-11-02 (actual) 09-04-02 (actual) 10-09-02 (actual)  4-23-03 (actual) 04-30-03 (actual)	Demolition  Document Sequence Complete
<ul style="list-style-type: none"> <li>• A Building BDP</li> <li>• Closeout Report</li> </ul>	Working draft to DOE Public Review Draft Final  Working Draft to DOE Final	06-16-03 TBD TBD  TBD TBD	Demolition

**Table 1. Document Status**

<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED/ DELIVERY DATE</b>	<b>COMMENTS</b>
<ul style="list-style-type: none"> <li>H Building Action Memo</li> <li>Demolition Work Plan</li> <li>VSAP</li> <li>Data Report</li> <li>OSC Report</li> </ul>	<p>Working draft to DOE Draft for CT review Draft Proposed Final Public Review Draft</p> <p>Working draft for DOE</p>	<p>04-01-03 (actual) 04-09-03 (actual) 05-15-03 05-21-03</p> <p>04-22-03 (actual)</p> <p>TBD</p> <p>TBD</p> <p>TBD</p>	Demolition
<ul style="list-style-type: none"> <li>I-Building Action Memo</li> <li>I-Building CSAP</li> <li>I Building Data Report</li> <li>I-Building OSC Report</li> </ul>	<p>Draft to EPA Draft Proposed Final Public Review Draft Final</p> <p>Draft to EPA Final to EPA</p> <p>Working Draft to DOE Revision 0</p> <p>Working Draft to DOE Draft to EPAs Final</p>	<p>01-17-02 (actual) 02-11-02 (actual) 02-12-02 (actual) 05-06-02 (actual)</p> <p>03-25-02 (actual) 04-22-02 (actual)</p> <p>11-18-02 (actual) 11-25-02 (actual)</p> <p>11-20-02 (actual) 11-25-02 (actual) 01-29-03 (actual)</p>	Demolition  Document sequence complete
<ul style="list-style-type: none"> <li>Buildings 23/125 Action Memo</li> <li>Demolition Work Plan</li> <li>OSC Report</li> </ul>	<p>Working Draft to DOE Draft to EPAs Public review Draft Final</p> <p>Working draft to DOE</p> <p>Working draft to DOE Draft to EPAs Public Review Draft Final</p>	<p>04-24-03 (actual) TBD TBD TBD</p> <p>TBD</p> <p>TBD TBD TBD TBD</p>	

**Table 2. Remediation Field Work Status**

<b>DELIVERABLE</b>	<b>STATUS</b>	<b>PROJECTED START / FINISH DATE</b>	<b>COMMENTS</b>	<b>AFFECTED PRSS</b>
<b>ER PROJECT</b>				
• OU-1 Capture Zone Test	O&M in progress			
• AS/SVE, Pump & Treat Systems	O&M in progress			8, 9, 11, 12
• Quarterly Groundwater Monitoring	Quarterly	January (actual) April (actual) July October	April monitoring complete except for wells in OU-1, which were rescheduled for May to coincide with rebound Test.	
• PRSs 41/64/417 Sampling	Start Finish	11-04-02 (actual) 11-21-02 (actual)		41, 64, 417
• PRS 66 Phase I Removal	Start Finish	10-28-02 (actual) Jan-03	Phase I complete except for small added scope excavation to be performed later in project.	40, 66, 80
• PRS 66 Multi Phase Removal	Start Finish removal Finish verification and backfill	01-06-03 (actual) 01-02-04 07-15-04		
• PRS 277/278 Removal	Start Finish	10-23-02 (actual) 12-12-02 (actual)		277, 278
• Building 49 Wells Installation	Start Finish	10-14-02 (actual) 10-19-02 (actual)		87
• Building 49 Trench Sampling	Start Finish	10-21-02 (actual) 11-12-02 (actual)		
<b>SMPP / TFV PROJECT</b>				
• BD 27 Demolition	Start Finish	11-19-02 (actual) 12-17-02 (actual)		
• BD 34 Demolition	Start Finish	06-09-03 06-12-03		
• BD 49 Demolition	Start Finish	03-12-03 (actual) 04-08-03 (actual)		
• BD 60 Demolition	Start Finish	04-24-03 (actual) 05-12-03		
• BD 89 Demolition	Start Finish	05-12-03 05-21-03		
• BD 19 Demolition	Start Finish	06-03-03 06-11-03		

### FFA Milestone Events and Dates – FY03

Milestone Event	Project	Milestone Date	Comments
I Building OSC Report	SMPP/TFV	04-Dec-02	Complete November 25, 2002
PRS 277/278 OSC Report	Environmental Restoration	30-Jan-03	Complete January 16, 2003
Annual Schedule Update	All	31-Mar-03	Complete March 28, 2003
PRS 397 Data Report	Environmental Restoration	01-Apr-03	Complete December 17, 2002
PRS 238 & PRS 154 Data Report	Environmental Restoration	01-Apr-03	Complete December 3, 2002
PRS 269 Data Report	Environmental Restoration	03-Apr-03	Complete February 17, 2003
Annual Report of Effectiveness of Institutional Controls	MCP	13-Jun-03	
PRS 266 OSC Report	Environmental Restoration	19-Jun-03	
Parcel 5 (Phase I) ROD	Environmental Restoration	30-Jun-03	Complete March 20, 2003
OU-4 (Canal) ROD	MCP	31-Aug-03	

Note: Milestone event is delivery of Draft document to EPA and OEPA

## **Community Relations Activities During April 2003**

No input provided.

Three visitors used the CERCLA Public Reading Room during the month of April.

## **Delays, Problems and Remedies**

**ATTACHMENT A.1**

**MINUTES OF THE MONTHLY PROJECT MANAGERS MEETING**

## **MINUTES FROM THE MONTHLY FFA MEEETING** **April 30, 2003**

### **GENERAL TOPICS**

OEPA acknowledged receipt of the quarterly GIS data update. The regulators and MMCIC acknowledged receipt of PRS and Building Status maps and spreadsheets. A Parcel Transfer Summary map is now available on the internet ([www.doe-md.gov](http://www.doe-md.gov) buttons Projects, Site Transition). The regulators and MMCIC acknowledged receipt of the FFA Monthly Report for March. This report is available to others via internet ([www.doe-md.gov](http://www.doe-md.gov) Press Room button).

The action item from the March FFA meeting (ER to provide summary information to OEPA concerning the discovery of contaminated soil during sanitary sewer reroute at PRS 66) was completed.

The minutes of the March FFA meeting were accepted as reported in the monthly report. No changes in the monthly report or document distribution list were requested.

### **HIGHLIGHTS / QUESTIONS ON PROJECT UPDATES**

(Editor's note: The information presented in Section 2 "Recent and Upcoming Events" of the Monthly FFA Report was provided to the regulators in advance of this meeting.)

#### ER (Monte Williams)

As of April 29, approximately 19,000 cubic yards of contaminated soil have been removed from PRS 66 along with 14,000 cubic yards of clean overburden and asphalt. The Verification Sampling of Phase IIa will begin soon, possibly as early as next week. We are working to resolve regulator comments on the Verification Sampling Plan (VSAP). Only minor issues remain. The project participants recently discussed our approach to field work in the near future. We'll probably try to finish excavation of Phase II and IV then do verification sampling for both phases. We would then start excavating Phase III which has significant clean overburden. The overburden can be moved to Phase II. Anthony Campbell indicated the excavation is starting to produce drum fragments /pieces. He has pictures. On Monday, the remains of a cylinder/tank were unearthed and crushed for disposal.

#### SM/PP/TFV (Bob Ransbottom)

The two fixed contamination areas in Building 19 have been cut out of the slab. The Final Rad Status Surveys have started and are 40% complete. The Final Survey Plan for Building 28 has been written. The Building Data Package (BDP) will be issued in the next few weeks. This is a transition building so it will be binned. We have decided on a path forward for Building 34. The BDP will be available soon. There are no major changes for Building 38 from the information in the Project Update. DOE/MCP is reviewing the Building 46 BDP. The Building 47 BDP will go to DOE/MCP for review soon. The Building 49 response to public comments and the Final BDP are in development. The Close Out report will be issued soon. Building 60 is on the ground.

After the debris has been removed, the slab will be removed. Demolition of Building 89 is scheduled to start on May 8. The response to public comments and final BDP for Building 94 are expected to be issued next week. We plan to demolish Buildings G, GW, and W in one field effort. A single BDP that addresses all three buildings is being prepared. The revised Action Memorandum for H-Building was released for Core Team review on April 9. The HH-Building demolition is on hold because of funding constraints. However, the subcontractor's submittals continue. The WD/23/125 Buildings Action Memo (a revision to an existing Action Memo for WD) was sent to the regulators on April 28. Early return of comments would be appreciated, since this is a subcontracted effort and a full review period may impact the subcontractor's schedule.

#### Main Hill (Ken Armstrong)

In March, Main Hill Project transferred from R and SW-Buildings 8,468 cubic feet of LLW for a total of 19,913 cubic feet for CY2003. Responses to public comments on the R/SW and T-Building Action Memos have been drafted. The Final documents are expected to be issued soon. In T-Building, the wall removal described last month is complete. The floor cap in the old polonium area is being removed. We have purchased a Dingo excavator to assist in this effort. We had a kick-off meeting with EM-50 representatives yesterday. We are enlisted EM-50 help in developing an approach for the Verification Sampling of T-Building. We will meet tomorrow with MMCIC to get an idea of their vision of the building post remediation. In SW/R we are attempting to identify any TRU waste. The red duct work and plenum were stripped from the building and are not TRU. We don't anticipate generating any additional TRU. We are starting to check drains. SW-152 and T-266 have been down posted from limited security areas.

#### MMCIC (Dann Bird)

Paul Lucas made an excellent presentation on the history of OU1 to the MRC/MAC. The audience appreciated the presentation. A combined PRS 66 and OU1 Technical Working Group meeting is scheduled for May 8 (OSE café 130-3).

#### **MEETINGS BEFORE NEXT FFA MEETING**

Continue weekly regulator meetings on May 7 at 2:00PM EDT  
PRS 66/OU1 Technical Working group May 8 at 1:30PM EDT

#### **ACTION ITEMS :**

None

**NEXT FFA MEETING:** May 21 at 8:00AM (FFA, Core Team and annual review of effectiveness of institutional controls)

Sign-in

**ATTENDANCE SHEET FOR FFA MEETING**  
**April 30, 2003**

INITIAL	NAME	ORGANIZATION	TELEPHONE
<i>By Phone</i>	Secly, David	U.S. EPA, Region V	312-886-7058
<i>H.C.</i>	Campbell, Anthony	Ohio EPA	937-285-6069
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<i>SL</i>	Nickel, Brian	Ohio EPA	937-285-6468
	O'Dell, Jane	Ohio EPA	937-285-6066
<i>CDL</i>	Lipp, Celeste	ODH	614-728-0395
	Lucas, Paul	DOE-MCP	937-865-4578
<i>MDH</i>	Neff, Dick	DOE-MCP	937-865-3616
<i>RD</i>	Rothman, Rob	DOE-MCP	937-865-3823
	Schmaltz, Frank	DOE-MCP	937-865-3620
<i>DB</i>	Bird, Dann	MMCIC	937-865-4266
<i>KA</i>	Armstrong, Ken	CH2MHill	937-865-3395
	Gault, Denny	CH2MHill	937-865-3913
	Heath, Tim	CH2MHill	937-865-3981
	Kehler, Kurt	CH2MHill	937-865-4169
	Massie, Joyce	CH2MHill	937-865-3888
<i>DR</i>	Rakel, Dave	CH2MHill	937-865-4203
<i>BC12</i>	Ransbottom, Bob	CH2MHill	937-865-4220
	Valett, Gene	CH2MHill	937-865-4395
<i>WJ</i>	Williams, Monte	CH2MHill	937-865-4543
<i>JW</i>	Zimmerman, Jack	DOE-MCP	937-847-8380 x308
<i>FW</i>	WARWICK, TROD	CH2	865-4082