

PUBLIC FACT SHEET

PRS 405: Soil Contamination – Building 23

This Fact Sheet satisfies the Public Notification requirement set forth in the Contingent Action Memorandum¹.

Background. Potential Release Site (PRS) 405 is located in the west central portion of the site (Figure 1). This location was made a PRS due to the discovery of oil-contaminated soil during excavation for a potable water line in 1994. There is no known historic contamination event, however the location is below the likely maintenance drain point of an overhead fuel oil transfer line.

Characterization. As a follow-up to the discovery of dark-stained soil during excavation for a potable water line about 5 feet north of Building 23, soil characterization analysis was performed. Preliminary field screening indicated the presence of diesel fuel and polychlorinated biphenyls (PCBs). Certified laboratory analyses (considered more reliable than field screening) of two soil samples indicated no PCBs above detection limits of 0.12 ppm. Quantitative laboratory analysis for petroleum hydrocarbons was not pursued, as the presence of fuel oil was accepted as obvious.

The Core Team originally recommended Further Assessment (FA), however based on the above results and consideration of costs for further assessment, the Core Team recommended on July 10, 1997 a Response Action for PRS 405. A **Removal Action** (RA) per the Contingent Action Memo¹ is recommended, with RA COCs being total petroleum hydrocarbons (TPH, Cleanup Objective 105ppm). The Underground Lines (UGL) RA⁴ addresses the radiologically contaminated soil near or within PRS 405. Surface soil in the vicinity of PRS 405 indicated plutonium-238 and thorium-232 above cleanup objectives (risk criteria) as indicated below (pCi/g):

Analyte	Bkgd**	Maximum Detection	Cleanup Objective
Plutonium-238	0.13	110.0	55
Thorium-232 +D	1.4	6.8	2.1

**background soil concentration

The **Work Plan** for the UGL Removal Action² includes the procedures, instructions, and applicable permits and notifications required to

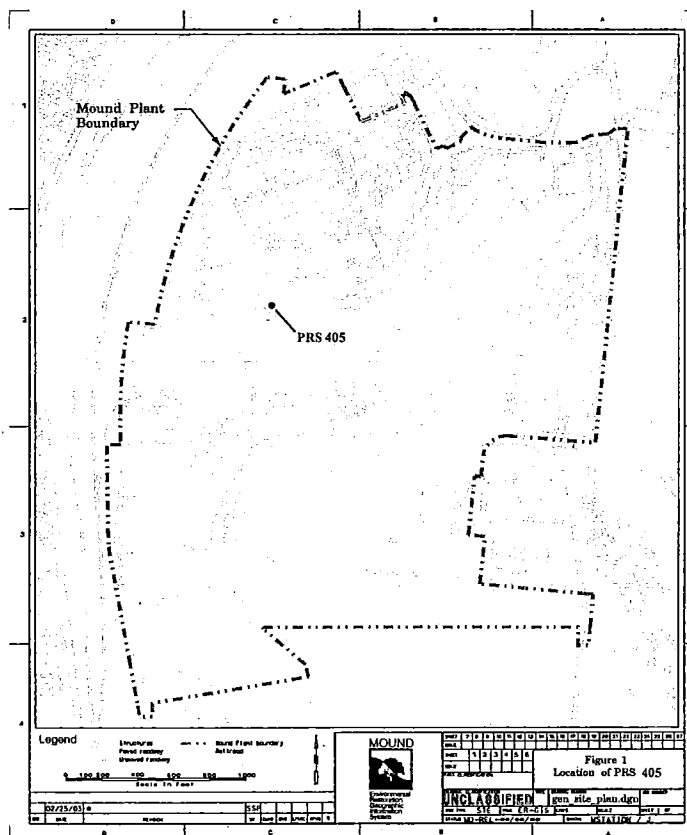
safely conduct the work. Erosion and runoff/runoff controls will be managed per the Storm Water Pollution Prevention Plan³.

The RA will consist of excavation of contaminated soil and shipping this soil to an approved disposal facility. Post-excavation sampling will be performed per the Core Team-approved UGL **Verification Sampling & Analysis Plan (VSAP)**. A summary of the RA & the verification data will be included in the UGL On-Scene Coordinator (OSC) Report. The OSC Report will be placed in the public reading room after the conclusion of the verification sampling and approval by the Core Team.

Schedule. This Fact Sheet will be in public review for 30 days, ending April 22, 2004. The RA is planned to begin Spring 2004.

Excavation of approximately 111 yd³ (85 m³) & verification are expected to cost less than \$40,000.

More information can be found in the public reading room, or by contacting Danny Punch at 847-8350 ext. 301.



1: Action Memorandum/Engineering Evaluation/Cost Analysis, Contingent Removal Action for Contaminated Soil, June 2002, Final

2: UGL Removal Plan, January 2004, Draft1

3. Storm Water Pollution Prevention Plan. December 1998. Rev 0

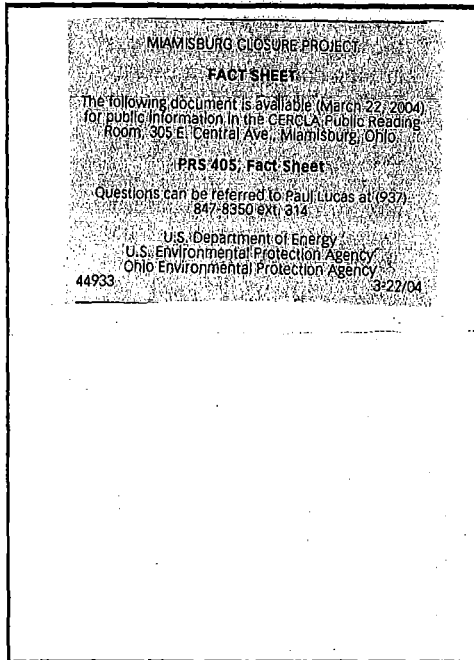
4: Underground Lines Action Memorandum, September 2003, Final

AFFIDAVIT OF PUBLICATION

State of Ohio

SS: CH2M Hill

Montgomery County



Before me, the undersigned, a Notary public in and for said County, personally came Tina Sears, who being first duly sworn says she is the Legal Advertising Agent of the DAYTON DAILY NEWS, which she says is a newspaper of general circulation in Montgomery, Clark, Warren, Butler, Clinton, Greene, Preble, Miami, Darke, Mercer, Shelby.

18 Lines, 1 Time(s), last day of publication

being 3/22/04, and he/she further says

that the bona fide daily paid circulation of the said DAYTON DAILY NEWS was over Twenty-five Thousand (25,000) at the time the said advertisement was published, and that the price charged for same does not exceed the rates charged on annual contract for the like amount of space to other advertisers in the general display advertising columns.

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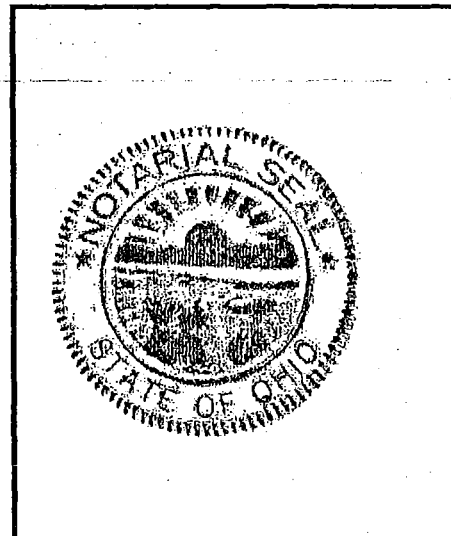
Sworn or affirmed to, and subscribed before me, this

22 day of March 2004

In Testimony Whereof, I have hereunto set my hand and affixed my official seal, the day and year aforesaid.

Kelli Marks

Notary Public in and for the State of Ohio



MS

From: "Dann Bird" <DBird@mound.com>
To: "Paul Lucas (E-mail)" <Paul.lucas@ohio.doe.gov>
Date: 4/21/04 1:55PM
Subject: Environmental Review - PRS 405 Fact Sheet & Main Hill Water Tower

Paul,

Attached for your consideration are MMCIC's reviews of the above captioned items.

<<PRS 405 Fact Sheet April 2004.doc>> <<Main Hill Water Tower 4-04.doc>> Daniel Bird, FAICP

CC: "Dave Rakel (E-mail)" <Rakeda@doe-md.gov>

April 14, 2004

Mr. Paul Lucas
DOE/MCP
P.O. Box 66
Miamisburg, Ohio 45343-0066

Re: Comments Regarding PRS 405 Public Fact Sheet
Mound Plant, Ohio

Dear Mr. Lucas:

The Miamisburg Mound Community Improvement Corporation (MMCIC) appreciates the opportunity to review the Public Fact Sheet for PRS 405: Soil Contamination near Building 23. Our comments are included on the attached sheet. For your convenience, and where applicable, we have arranged the comments in two categories labeled "Substantive" and "Errata". The "Substantive" comments are ones that we believe are critical to our interpretation of the document. "Errata" comments are comments of an editorial nature and do not have a significant impact on the document.

If you have any questions, please contact me.

Sincerely,

MMCIC

Daniel D. Bird, FAICP
Planning Manager

cc: Michael Grauwelman, MMCIC
Ellen Stanifer, EHS
David Rakel, CH2M Hill
Frank Schmaltz, DOE/MCP
Danny Punch, DOE/MCP

MMCIC Comments

Subject	PRS 405: Soil Contamination - Building 23 Public Fact Sheet
Version	Public Review Draft April 22, 2004

Substantive Comments

1. It is our understanding from the review of the Public Fact Sheet that the cleanup will be in conjunction with the cleanup for radiological contamination described in the Underground Line (UGL) Removal Action. As you are aware, proper cleanup of all underground lines is of paramount concern for MMCIC. MMCIC would request updates of any pertinent information regarding this removal action during the removal activity. In addition, MMCIC would request a copy of the OSC report documenting the cleanup.
2. If MMCIC's understandings are correct, no specific response to the above comment is necessary, and MMCIC further understands these comments will be included in the final Building Data Package.

Errata

1. No Comments.

Daniel D. Bird, FAICP
Planning Manager
MMCIC

Date