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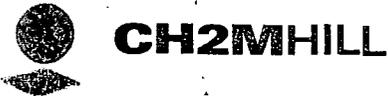
CH2M HILL Mound, Inc.

1075 Mound Road

P.O. Box 750

Miamisburg, OH 45343-0750

SMO-096/06
February 7, 2006



Mr. Don Pfister, Director
Miamisburg Closure Project
U. S. Department of Energy
175 Tri-County Parkway
Springdale, OH 45246

ATTENTION: Paul Lucas

SUBJECT: **Contract No. DE-AC24-03OH20152: Deliverable #36 Building Data Package; Section C.2.1.1 Facility Demolition; Building 34 Slab Public Fact Sheet, Final**

Dear Mr. Pfister:

Attached is the following Final document for your records:

- Building 34 Slab Public Fact Sheet, Final

If you or members of your staff have any questions regarding the document, or if additional support is needed, please contact Dave Rakel at 937-865-4203.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael D. Ebben".

Michael D. Ebben
Site Manager

JL/jg

Enclosures

cc: T. Fischer, USEPA, (1) w/attachments
B. Nickel, OEPA, (1) w/attachments
R. Vandegrift, ODH, (1) w/attachments
J. Webb, ODH, (1) w/attachments
M. Wojciechowski, Tetra Tech, (1) w/attach
G. Gorsuch, DOE/MCP, (1) w/attachments
R. Tormey, DOE/OH, (1) w/attachments
G. Desai, DOE/HQ, (1) w/attachments
C. Kline, CH2M Hill, (1) w/attachments
F. Bullock, MMCIC (2) w/attachments
Public Reading Room (1) w/attachments
Admin Records, CH2M Hill, (2) w/attachs

ER Records, CH2M Hill, (1) w/attachs
DCC (1) w/attachments
M. Ebben, CH2M Hill, w/o attachments
K. Armstrong, CH2M Hill, w/o attachments
D. Rakel, CH2M Hill, w/o attachments
D. Kramer, CH2M Hill, w/o attachments
J. Fontaine, CH2M Hill, w/o attachments
MOAT Coordinator, CH2M Hill, w/o attachs
S. Barr, CH2M Hill, w/o attachments
M. McDougal, CH2M Hill, w/o attachments
file, CH2M Hill, w/o attachments

PUBLIC FACT SHEET

Building 34 slab

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

Background. Building 34 was located as shown on Figure 1. The history and condition of Building 34 are described in the Building Data Package⁵. Building 34 was demolished in 2003. Due to a concern about fixed radiological contamination on the surface of the slab at the southeast corner of the building, it was left in place. The remainder of the structure and slab were radiologically surveyed, demolished (in June/July 2003), and disposed of as documented in the Closeout Report⁶.

A **Removal Action (RA)** per the Contingent Action Memo¹ is recommended for the slab left in place. Radiological contamination in soil, if present at unacceptable levels, will also be a part of the RA.

Characterization. As a part of the demolition activities, two soil samples were collected from soil below the demolished slabs and analyzed for radionuclides. All results were below current cleanup objectives (risk criteria).

Due to the uranium-238 (U-238) contamination on the structure, the soil below the slab will be sampled for U-238 as the contaminant of concern (COC). A RA will occur for soil with results above the U-238 cleanup objective (CO) of 2.2 pCi/g.

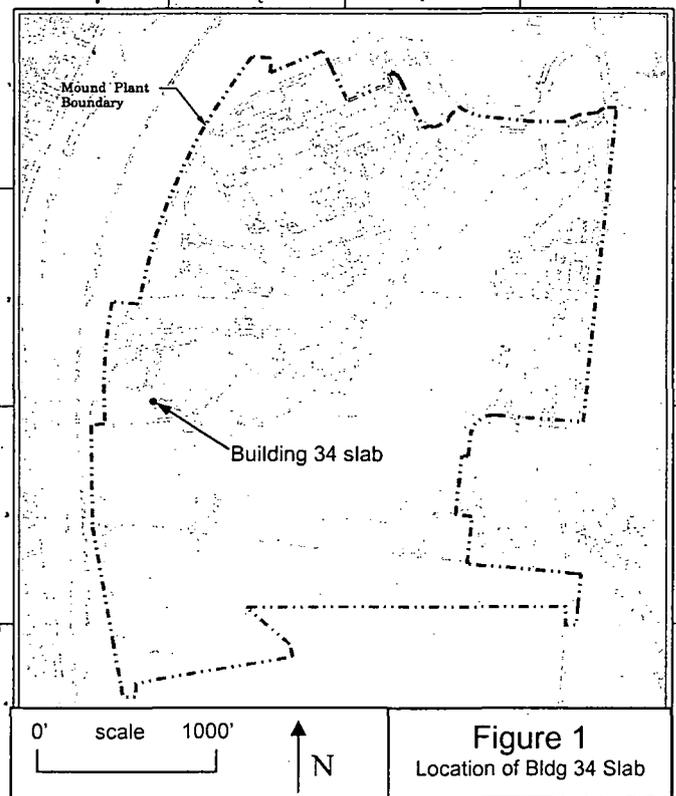
The **Work Plan** for Contingent Removal Actions², supplemented by the Unique Work Package, includes procedures, instructions, and applicable permits and notifications required to safely conduct the work. Erosion and runoff controls will be managed per the SWP3³.

The RA will consist of removal and disposal of the concrete slab (and associated soil with results above CO) at an approved disposal facility. Post-excavation sampling will be performed per the Core Team-approved **Verification Sampling & Analysis Plan (VSAP)**⁴.

Schedule. This Fact Sheet will be in public review for 30 days, ending December 22, 2005. The sampling and RA, if necessary, is planned to begin in Fall 2005. A summary of the RA & the verification data will be included in the 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.

Removal of approximately 30 yd³ (22.9 m³) of concrete & verification of the footprint soil are expected to cost less than \$20,000.

More information can be found in the public reading room, or by contacting Geoff Gorsuch at (513) 246-0066.



1: Action Memorandum/Engineering Evaluation/Cost Analysis, Contingent Removal Action for Contaminated Soil, June 2002, Final
2: Standard Work Package for Contingent Removal Actions, November 2001, Final
3: Storm Water Pollution Prevention Plan
4: Standard VSAP Soils Verification Sampling & Analysis Plan, Final, August 2004
5: Building Data Package, Building 34 (demolition), June 2003, Final
6: Closeout Report, Building 34 (demolition), Final, September 2003

Bldg. 34 slab

Bldg. 34

Authorization

Contingent
Removal
Action/Soil
Bldg. 34 slab

COMPLETE

Fact Sheet
Bldg. 34 slab



Bldg. 34 structure was removed in 2003. The foundation/footers for Rooms 1 & 3 were left in place for removal under CERCLA.

COMPLETE

Planning & Execution

Pre-Ex SUD

Attachment C
Work Plan
PRs 69 70
Final

APPROVED

The PRS 70 load-out area encompasses the former Bldg. 34 slab therefore, the footprint/soil removal was incorporated into the PRS 69/70 WP by a field change and shared with the regulators 9/21/05

Post-Ex SUD
Bldg. 34 slab

Completion

Data Report

OSC Report
Bldg. 34 slab

SUD = Survey Unit
Design per Std VSAP



The Mound Core Team
500 Capstone Circle
Miamisburg, OH 45342

January 2006

Mr. Frank Bullock, PE
Director of Operations
Miamisburg Mound Community Improvement Corporation
720 Mound Road
COS Bldg. 4221
Miamisburg, Ohio 45342-6714

Dear Mr. Bullock:

The Core Team, consisting of the U.S. Department of Energy Miamisburg Closure Project (DOE-MCP), U.S. Environmental Protection Agency (USEPA), and the Ohio Environmental Protection Agency (OEPA), appreciates your concurrence with the Building 34 Slab Public Fact Sheet, Public Review Draft, November 2005.

Should the responses to comments require additional detail, please contact Paul Lucas at (513) 246-0071, and we will gladly arrange a meeting or telephone conference.

Sincerely,

DOE/MCP:	<u>Paul Lucas</u>	<u>1/12/06</u>
	Paul Lucas, Remedial Project Manager	date
USEPA:	<u>Timothy J. Fischer</u>	<u>1/10/06</u>
	Timothy J. Fischer, Remedial Project Manager	date
OEPA:	<u>Brian K. Nickel</u>	<u>1/11/06</u>
	Brian K. Nickel, Project Manager	date

From: "Frank Bullock" <FBullock@mound.com>
To: "Paul Lucas (E-mail)" <Paul.Lucas@ohio.doe.gov>
Date: 12/21/05 8:11AM
Subject: Building 34 Slab - Public Fact Sheet Comments

Paul,

Attached are EHS's comments on the Building 34 Slab Fact Sheet. MMCIC concurs with this comments & appreciates the opportunity to review the information.

If you have any questions, please feel free to contact me.

Frank Bullock, PE
MMCIC
Director of Operations
Miamisburg, Oh 45342
(937) 865-4052
www.Mound.com

<<Expericenter - Building 34 slab Fact Sheet - Dec 05.pdf>>

CC: "Tim Fischer (E-mail)" <Fisher.Timothy@epamail.epa.gov>, "Brian. Nickel (E-mail)" <brian.nickel@epa.state.oh.us>, "David Rakel (E-mail)" <RAKEDA@doe-md.gov>, "Beth Moore (E-mail 2)" <beth.moore@cityofmiamisburg.com>

Technical Review of the Mound Site
Prepared for the Experi-Center
by EHS TECHNOLOGY GROUP, LLC

Reference Document: Building 34 Slab Public Fact Sheet

Purpose: The purpose of this document is to notify the public of the Removal Action (RA) at the Building 34 Slab. This Fact Sheet satisfies the Public Notification requirement as outlined in the Action Memorandum/Engineering Evaluation/Cost Analysis, Contingent Removal Action for Contaminated Soil, June 2002, Final.

Background: In 2003, Building 34 was demolished. A concern remained that fixed radiological contamination existed on the surface of the slab at the southeast corner of the building. Due to this concern, the slab was left in place. As part of the Building 34 demolition, two soil samples were collected from below the demolished slabs and analyzed for radionuclides. All results were below current cleanup objectives.

A Removal Action (RA) per the Contingent Action Memo is recommended for the slab left in place. Due to the uranium-238 contamination on the structure, the soil below the slab will be sampled for U-238 as the contaminant of concern (COC). A removal action will occur for soil with results above the U-238 cleanup objective (CO) of 2.2 pCi/g.

The Removal Action is scheduled to be performed in conjunction with the public review of the Fact Sheets. The summary of the Removal Action and the verification data will be included in the On-Scene Coordinator (OSC) Report, which is completed after the conclusion of the verification sampling and approval by the Core Team.

Technical Assessment: EHS has had the opportunity to review and comment on this Fact Sheet. We concur with the planned removal action (RA) for the building slab and any potentially radiologically contaminated soils underneath the slab. As always, coordination between CH2M Hill, cleanup contractor at the Mound Site, and Miamisburg Mound Community Improvement Corp (developer of the site) will result in the return of these areas to that proposed in the Mound Comprehensive Reuse Plan.

Dayton Daily News

AFFIDAVIT OF PUBLICATION
PO BOX 2805
DAYTON, OH 45401-2805
937-225-7313

MIAMISBURG CLOSURE PROJECT
PUBLIC FACT SHEET
The following document is available (November 22, 2005) for public information in the CERCLA Public Reading Room, 955 Mound Rd., Miamisburg, Ohio.
Public Fact Sheet Bldg. 34
Footprint/Soil
Questions can be referred to Paul Lucas at (513) 246-0071
U.S. Department of Energy
U.S. Environmental Protection Agency
Ohio Environmental Protection Agency
6423244 11-22/05
Available (November 22, 2005) in the CERCLA Public Reading Room, 955 Mound Rd., Miamisburg, Ohio.

Public Fact Sheet Bldg. 34
Footprint/Soil

Questions can be referred to Paul Lucas at
(513) 246-0071

U.S. Department of Energy
U.S. Environmental Protection Agency
Ohio Environmental Protection Agency
6423244 11-22/05

Before me, the undersigned, a Notary public in and for said County, personally came Tina Kimball, who being first duly sworn says he/she is the Legal Advertising Agent of the Dayton Daily News, which he/she says is a newspaper of general circulation in Montgomery, Clark, Warren, Butler, Clinton, Greene, Preble, Miami, Darke, Mercer, Shelby, Fayette, Logan, Hamilton, Clermont, Auglaize, and Champaign Counties, and State of Ohio, and he/she further says that the Legal Advertisement, a copy of which is hereunto attached, has been published in the said

Dayton Daily News
18.0 Lines, 1 Time(s), last day of publication being 11/22/2005, and he/she further says that the bona fide daily paid circulation of the said Dayton Daily News

was over (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.

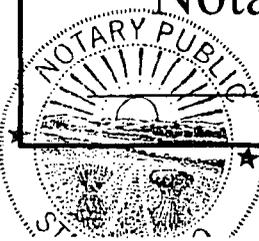
Signed Tina Kimball

Sworn or affirmed to, and subscribed before me, this 11/16/2005.

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

Invoice No	6423244
Ad Cost	\$89.92
Paid	\$0.00
Due	\$89.92

Notary Public



Lorna M. Eder

LORNA M. EDER, Notary Public
In and for the State of Ohio
My Commission Expires July 4, 2010