

**WASTE CONSOLIDATION  
FACILITY  
AT THE MOUND PLANT  
AND NOTICE OF WETLAND  
INVOLVEMENT  
INFORMATION**

*For more information contact:*

*Sue Smiley, Department of Energy  
(937) 865-3987*

**WASTE CONSOLIDATION  
FACILITY  
AT THE MOUND PLANT  
AND NOTICE OF WETLAND  
INVOLVEMENT  
INFORMATION**

*For more information contact:*

*Sue Smiley, Department of Energy  
(937) 865-3987*

# memorandum

DATE: November 18, 1997

MB-0100-98

REPLY TO  
ATTN OF: OH: SmileySUBJECT: REQUEST FOR PUBLICATION OF NOTICE OF WETLAND INVOLVEMENT AT  
THE MIAMISBURG ENVIRONMENTAL MANAGEMENT PROJECT

TO: Clara Barley, Federal Register Liaison Officer, GC-75

Attached please find an original, signed copy of a Wetland Notice of Involvement (NOI) for the construction of a consolidated waste processing facility at the Miamisburg Environmental Management Project (MEMP). In accordance with DOE guidelines for publication of documents in the *Federal Register*, four photocopies and one electronic copy (diskette) of the NOI are also attached. The date of signature has also been added to the electronic copy of the NOI.

The attached NOI has been prepared pursuant to Title 10, Code of Federal Regulations, Part 1022, "DOE Regulations for Compliance with Floodplain/Wetlands Environmental Review Requirements", and is required to be published in the *Federal Register*. I have attached a letter for your signature that transmits the diskette containing the NOI to the Office of the Federal Register in Washington, D.C. Documentation of concurrence from a representative of the Ohio Field Office, Office of Chief Counsel, is also attached for your records.

I am requesting that the NOI be published in the *Federal Register* as soon as possible, in order to prevent any delays to the project schedule. It is my understanding, based on a November 13, 1997 voice-mail message from you, that there is a three-day turn-around time on documents submitted by the field for publication in the *Federal Register* (e.g., your receipt of the attached NOI on Tuesday, November 18, 1997 ensures publication in the *Federal Register* no later than

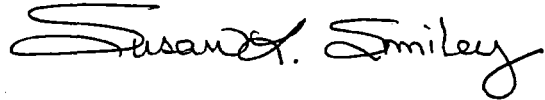


Clara Barley

2

November 18, 1997

Friday, November 21, 1997). I respectfully request your support in meeting this turn-around time. Should you have any questions on the attached materials, please contact me at (937) 865-3984.



Susan L. Smiley  
NEPA Compliance Officer

Attachments: As Stated

cc w/att (excluding diskette)  
Carol Borgstrom, EH-42  
James Johnson, MEMP  
Linda Bauer, B&W

**Billing Code 6450-01-P**

**DEPARTMENT OF ENERGY  
Notice of Wetland Involvement  
For Construction of a Consolidated Waste Processing Facility  
At The Miamisburg Environmental Management Project (MEMP)**

**AGENCY:** Department of Energy (DOE), Miamisburg Environmental Management Project.

**ACTION:** Notice of Wetland Involvement.

**SUMMARY:** This is to give notice of DOE's proposal to construct a consolidated waste processing facility at the Miamisburg Environmental Management Project, located approximately ten (10) miles southwest of Dayton, Ohio. The proposed activity would involve a small portion of an isolated, man-made wetland in Montgomery County, Ohio. In accordance with 10 CFR 1022, DOE will prepare a Wetlands Assessment and conduct the proposed action in such a manner to avoid or minimize potential harm to or within the affected wetland area.

**DATES:** Written comments must be received by the DOE at the following address on or before [insert date that is 15 days from the date of publication in the *Federal Register*].

**ADDRESSES:** For further information on this proposed action, including a site map and/or a copy of the Wetlands Assessment, contact:

Mr. James O. Johnson  
SM/PP Hill Performance/Technical Monitor  
U.S. Department of Energy  
Miamisburg Environmental Management Project Office  
P.O. Box 66  
Miamisburg, OH 45343-0066

Phone: (937) 865-5234

Facsimile: (937) 865-4489

**FURTHER INFORMATION:** For further information on general DOE wetland and floodplain environmental review requirements, contact:

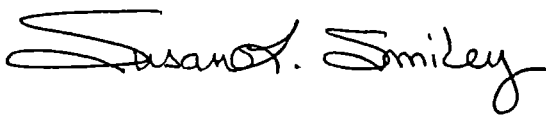
Ms. Carol M. Borgstrom, Director  
Office of NEPA Policy and Assistance, EH-42  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, D.C. 20585

Phone: (202) 586-4600 or 1-800-472-2756

**SUPPLEMENTARY INFORMATION:** The proposed activity would directly support the ongoing environmental remediation program at the Mound Plant. Construction and operation of the temporary, pre-fabricated consolidated waste processing facility would accomplish volume-reduction, metal recovery and waste packaging goals established for the site. Included in the construction of the facility are equipment and laydown pads and a roadway. Approximately 20% of the 50' x 60' laydown pad would encroach upon an isolated, man-made wetland with an overall areal extent of 0.04 acres. Construction of the laydown pad would, in turn, impact approximately one-third (1/3) of the subject wetland; the remaining two-thirds (2/3) of the wetland would not be impacted. The wetland was one of several delineated in the Mound Plant Habitat map (*Mound Plant Ecological Characterization Report*, March 1994); the map was prepared in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual and has the concurrence of the Corps. The proposed action would result in long-term and direct impacts to approximately one-third of the 0.04 acre man-made wetland, as a result of back-filling with gravel before construction of the laydown pad. Best management practices would be utilized to minimize the amount of wetland area impacted. All reasonable efforts would be taken to

backfill the smallest area of wetland possible. Staging and transport of equipment and supplies in the wetland would be avoided. Erosion controls such as silt fences would be used, if needed, to minimize sediment deposition into the wetland. Culverts would also be used, if necessary, to ensure continued overland flow to the wetland.

**ISSUANCE:** Issued in Miamisburg, Ohio on November 18, 1997.

A handwritten signature in black ink, reading "Susan L. Smiley". The signature is written in a cursive style with a large, stylized "S" at the beginning and a long, sweeping underline.

Susan L. Smiley  
NEPA Compliance Officer  
Ohio Field Office



**Department of Energy**  
**Ohio Field Office**  
**P.O. Box 3020**  
**Miamisburg, Ohio 45343-3020**

November 18, 1997

Mr. Raymond A. Mosley, Director  
Office of the Federal Register  
800 North Capitol Street  
Washington, D.C. 20002

Dear Mr. Mosley:

**CERTIFICATION OF TRUE COPY OF WETLAND NOTICE OF INVOLVEMENT FOR THE  
CONSTRUCTION OF A CONSOLIDATED WASTE PROCESSING FACILITY AT THE  
MIAMISBURG ENVIRONMENTAL MANAGEMENT PROJECT**

This letter is to certify that the enclosed diskette contains a true copy of the Wetlands Notice of Involvement (NOI) for the construction of a consolidated waste processing facility at the Miamsiburg Environmental Management Project. This electronic file should be used by the Government Printing Office in preparing the NOI for publication in the *Federal Register*.

A handwritten signature in cursive script that reads "Susan L. Smiley".

Susan L. Smiley  
NEPA Compliance Officer

Clara Barley  
DOE Federal Register  
Liaison Officer

Enclosure: As Stated





## (CONCURRENCE OF DOE-OH COUNSEL'S OFFICE)

NOI - CWPF. WPD

Billing Code 6450-01-P

DEPARTMENT OF ENERGY  
Notice of Wetland Involvement  
For Construction of a Consolidated Waste Processing Facility  
At The Miamisburg Environmental Management Project (MEMP)

**AGENCY:** Department of Energy (DOE), Miamisburg Environmental Management Project.

**ACTION:** Notice of Wetland Involvement.

**SUMMARY:** This is to give notice of DOE's proposal to construct a consolidated waste processing facility at the Miamisburg Environmental Management Project, located approximately ten (10) miles southwest of Dayton, Ohio. The proposed activity would involve a small portion of an isolated, man-made wetland in Montgomery County, Ohio. In accordance with 10 CFR 1022, DOE will prepare a Wetlands Assessment and conduct the proposed action in such a manner to avoid or minimize potential harm to or within the affected wetland area.

CONCUR  
LEGAL  
S. BOGART  
SLB  
11/18/97

**DATES:** Written comments must be received by the DOE at the following address on or before [insert date that is 15 days from the date of publication in the *Federal Register*].

**ADDRESSES:** For farther information on this proposed action, including a site map and/or a copy of the Wetlands Assessment, contact:

Mr. James O. Johnson  
SM/PP Hill Performance/Technical Monitor  
U.S. Department of Energy  
Miamisburg Environmental Management Project Office  
P.O. Box 66  
Miamisburg, OH 45343-0066

Phone: (937) 865-5234

Facsimile: (937) 865-4489

Page 1 of 3



## Department of Energy

Ohio Field Office  
Miamiisburg Environmental Management Project  
P.O. Box 66  
Miamiisburg, Ohio 45343-0066



November 14, 1997

MB-0096-98

Mr. Gerry Newell  
U.S. Army Corp of Engineers  
Operations Division  
Regulatory Branch-North Section  
P.O. Box 59  
Louisville, KY 40201-0059

Dear Mr. Newell:

Re: Compliance with the Clean Water Act - Wetlands

Please find enclosed for your review and approval the Babcock & Wilcox letter dated November 12, 1997 and two site maps. The subject enclosures are in support of this request for approval to backfill a portion of an isolated wetland on the Mound Plant site.

If you need further information regarding this request, please contact Sue Smiley at (937) 865-3987.

Sincerely,

A handwritten signature in dark ink, appearing to read "James O. Johnson". The signature is fluid and cursive.

James O. Johnson  
Project Manager

Enclosures

cc w/o enclosures:  
Art Kleinrath, MEMP  
James Johnson, MEMP  
Sue Smiley, MEMP



## BWX Technologies, Inc.

Babcock & Wilcox, a McDermott company

## Babcock & Wilcox of Ohio, Inc.

1 Mound Road  
Miamisburg, Ohio 45343-3030

P.O. Box 3030  
Miamisburg, Ohio 45343-3030  
(937) 865-4020  
Fax: (937) 865-5445

ESC-030/97

November 12, 1997

97-TC/11-12

Director, Miamisburg Environmental Management Project  
U. S. Department of Energy  
P. O. Box 66  
Miamisburg, OH 45343-3030

ATTENTION: Art Kleinrath

SUBJECT: Contract No. DE-AC24-970H20044  
**COMPLIANCE WITH THE CLEAN WATER ACT**  
**(Deliverable C.7.2)**

REFERENCE: Request to Backfill Isolated Wetlands

Dear Mr. Brown:

Plans for the Consolidated Waste Processing Facility (CWPF) call for backfilling a portion of an isolated wetland as defined on the accompanying Mound Plant Habitat Map (Enclosure 1). The extent to which the CWPF will encroach upon the wetland is shown on the Mound Plant drawing which also accompanies this transmittal. Under authority granted to the U.S. Army Corp of Engineers via Section 404 of the Clean Water Act, Corp approval is necessary for this action. Please send an approval request containing the information provided below to the individual designated below at your earliest convenience. The maps accompanying this transmittal should also be provided to the Corp of Engineers representative.

Desired Action:	Backfill an isolated wetland of 1/3 or less acre
Affected wetland area:	Less than 0.04 acre
Reason:	Required for construction of a waste processing facility instrumental to the environmental restoration activities underway at the Mound Site
Nature of Backfill:	ODOT 304 granular fill or equivalent
Approval requested via:	Nationwide General Permit Number 26

Page 2 COMPLIANCE WITH THE CLEAN WATER ACT

Please send the approval request to Mr. Gerry Newell, U.S. Army Corp of Engineers, Operations Division, Regulatory Branch - North Section, P.O. Box 59, Louisville, KY 40201-0059.

If you need further information, please contact me at extension 3057.

Sincerely,



Linda R. Bauer, Ph.D.  
Manager, Environmental Safeguards & Compliance

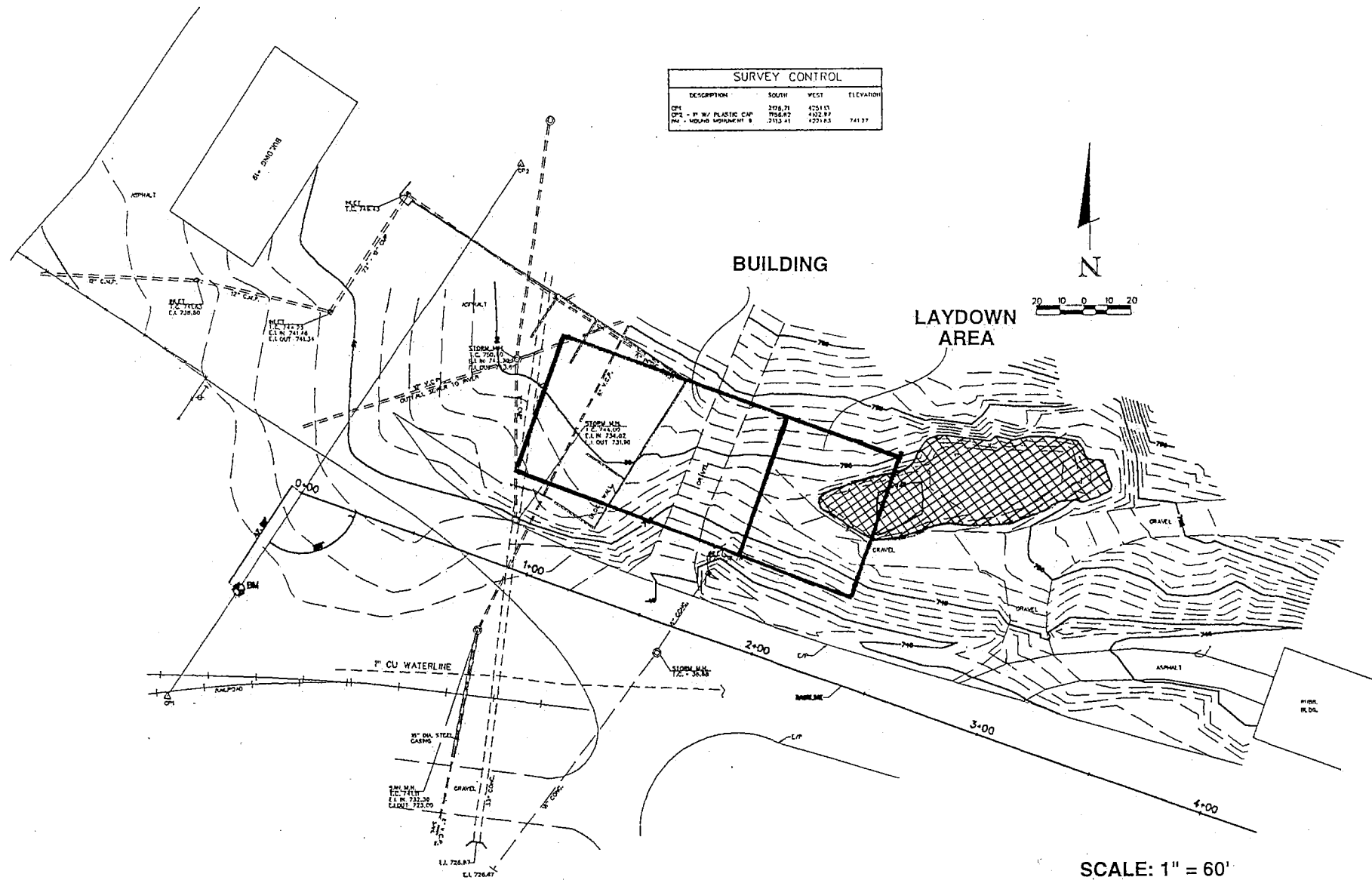
LRB

Enclosures

cc: DCC

bc: L. R. Bauer w/o  
S. A. Mackey w/o  
C. Pietsch w/o  
F. Spittler w/o

# CONSOLIDATED WASTE PROCESSING FACILITY



SCALE: 1" = 60'

 WETLAND



# CONSOLIDATED WASTE PROCESSING FACILITY



The Consolidated Waste Processing Facility is designed to support the volume reduction activities of the CERCLA exit project of the Department of Energy. The value of the facility is centered around "cost avoidance" of disposal dollars. Through this cost avoidance technique there are several spin off advantages to the DOE and local communities.

The advantages DOE gains from the facility are the reduced cost of transportation and disposal as well as reducing the liability associated with shipping material to disposal sites. The local community benefits from reduced traffic from waste haulers; thus, increasing local traffic safety and reducing the wear and tear on the local roadways.

The facility is a temporary structure which is designed to maximize the throughput of materials coming from the various demolition sites from around the Mound site. The major contributors will be the Main Hill followed by SM/PP Hill. The ventilation system will be HEPA filtered and designed such that when a single truck door is open the air flow direction will be inward.

In addition to the main HEPA system, all work in the facility will be conducted with a second HEPA system directly associated with the processes. The systems (i.e., compactor, blast room and waste consolidation containment) that have been identified to be installed in the facility in the form of fixed equipment will also have individual

HEPA systems; thus, the facility will be double assured of no release to the environment.

In addition to the HEPA filtration safety precautions, the structure will not use liquid processes and the facility will have no drains. The facility is intended to operate in a radiologically clean condition at all times. To ensure the level of radiological cleanliness, the entire facility will be radiologically monitored daily; in the direct vicinity of operations there will be real time monitoring of the operations in the surrounding area.

The waste streams to be treated are those expected from a demolition project. Expected in the facility are soft objects (bags, rags and tags) for compaction, structural steel for abrasive blasting and release, and drums, B25's, and sealand vans for consolidation and repackaging.

For more information contact:

*Sue Smiley  
Department of Energy  
(937) 865-3987*



**Babcock & Wilcox of Ohio, Inc.**