

# ORO CONTROL FORM - FINAL DIRECTIVE

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## PART A (To be completed by the Division of Primary Interest (DPI))

1. NUMBER AND TITLE OF DIRECTIVE: **ORO O 450, Chapter VII , FLOODPLAIN AND WETLAND COMPLIANCE PROGRAM**

2. PURPOSE OF TRANSMITTAL:  New Directive  Revised Directive

3. THIS DOCUMENT MAY AFFECT THE WORK PERFORMED BY THE FOLLOWING CONTRACTORS: (Check appropriate boxes)

No (all contractors)

Yes If yes, whom?  Bechtel Jacobs Co.  ORAU  UT-Battelle

Other contractors (list by type)

*Many ORO contractors have approved Standards/Requirements Identification Documents (S/RIDs) or Work Smart Standards (WSS) Sets that may affect applicability of contractor requirements from this directive. Applicability of contractor requirements must take into account the approved standards set for each particular contract.*

4. SIGNIFICANT PROVISIONS: Are there any significant changes or impacts?  No  Yes  
If yes, describe: This ORO Chapter is a new Chapter in the 450 Series.

5. CONTACT POINT: Gary Hartman Environmental Protection Group, SE-30-1 576-0273  
Name Organization Telephone

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## PART B (To be completed by the Directives Management Group (DMG)):

6. FILING INSTRUCTIONS:

<u>Remove</u>	<u>Dated</u>	<u>Insert</u>	<u>Dated</u>
N/A		ORO Control Form	12/15/2003
		ORO O 450, Chapter VII	12/15/2003

*ORO Directives are available on the ORO Directives Management Group Home Page at [http://www.ornl.gov/doe/doe\\_oro\\_dmg/oro\\_dir.htm](http://www.ornl.gov/doe/doe_oro_dmg/oro_dir.htm). The ORO Directives will no longer be mailed in printed copy unless you do not have Internet capabilities.*

7. APPROVED FOR DISTRIBUTION IN ACCORDANCE WITH THE OFFICIAL DIRECTIVES DISTRIBUTION LIST:

*Original Signed By*

Jennifer G. Hamilton

12/15/2003

Signature: DMG Team Leader, AD-440

Date

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**INSTRUCTIONS TO ADDRESSEES: THIS FORM IS TO BE FILED WITH THE DIRECTIVE AND RETAINED**

Rev. 11/06/2003

# NNSA/YSO CONTROL FORM – FINAL DIRECTIVE

## PART A (To be completed by the ORO DIRECTIVES MANAGEMENT GROUP, AD-440):

DIRECTIVE NUMBER, TITLE, AND DATE:

**ORO O 450, CHAPTER VII, FLOODPLAIN AND WETLAND COMPLIANCE PROGRAM, dated 12/15/2003**

PURPOSE OF TRANSMITTAL:  New Directive  Revised Directive

DOES THIS DIRECTIVE **CANCEL/REPLACE OR EXTEND** ANY OTHER DIRECTIVES?  Yes  No  
If "Yes," list what action (cancel/replace or extend) and list the Directive(s), including the number(s), title(s), and date(s):

The attached Directive is forwarded for review and action. Complete Part B and forward this form to ORO DMG, AD-440, by **01/27/2004**.

## PART B (To be completed by the NNSA Y-12 SITE OFFICE, Y12-01):

CONTRACTOR APPLICABILITY:

Does this Directive affect the work performed by BWXT Y-12, L.L.C.?  Yes  No

Does this Directive affect the work performed by BWXT Y-12, L.L.C., subcontractors?  Yes  No  
If "Yes," list the subcontractors:

*Many contractors have approved Standards/Requirements Identification Documents (S/RID) or Work Smart Standards (WSS) Sets that may affect applicability of contractor requirements from this Directive. Applicability of contractor requirements must take into account the approved standards set for each particular contract.*

SIGNIFICANT PROVISIONS: Are there any significant changes or impacts?  Yes  No  
List summary of Directive changes and, if "Yes" above, describe the significant changes or impacts:

IMPLEMENTATION: Does the Directive contain special implementation requirements and/or dates?  Yes  No  
If "Yes," describe:

### FOR DOE DIRECTIVE – SUPPLEMENTAL DIRECTIVE REQUIRED?

Is a new or revised supplemental Directive required?  Yes  No  
If "Yes," target date for submission of YSO Directive is \_\_\_\_\_

IDENTIFY CONTACT POINT: Susan Dyer Morris 576-3545  
Name Telephone

APPROVED BY COR FOR DIRECTIVES: Diane McCarten 01/29/2004 576-9330  
Signature Date Telephone

## PART C (To be completed by the ORO DIRECTIVES MANAGEMENT GROUP, AD-440):

*DOE Directives are available on the DOE Directives Portal at <http://www.directives.doe.gov/>. ORO Directives are available on the ORO Directives Management Group Home Page at [http://www.ornl.gov/doe/doe\\_oro\\_dmg/oro\\_dir.htm](http://www.ornl.gov/doe/doe_oro_dmg/oro_dir.htm). Directives will no longer be mailed in printed copy unless you do not have Internet capabilities.*

APPROVED FOR DISTRIBUTION IN ACCORDANCE WITH OFFICIAL DIRECTIVE DISTRIBUTION LIST:

Wayne H. Albaugh, AD-440 02/02/2004  
Name Date

**INSTRUCTIONS TO ADDRESSEES: THIS FORM IS TO BE FILED WITH THE DIRECTIVE AND RETAINED.**

(Revised 11/06/2003)

# U.S. Department of Energy

Oak Ridge Operations

ORO O 450  
Chapter VII

DATE: 12/15/2003

## **SUBJECT: FLOODPLAIN AND WETLAND COMPLIANCE PROGRAM**

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1. PURPOSE. This Chapter assigns responsibility and accountability and provides administrative and/or contractual guidance for the Floodplain and Wetland Compliance Program to Oak Ridge Operations (ORO) and their contractors. Nothing in this issuance changes any requirements contained in any statutes or Department of Energy (DOE) Directive.
2. CANCELLATION. None.
3. APPLICABILITY. The provisions of this Chapter apply to ORO Principal Staff, management and operating contractors to the extent set forth in their contract, and other contractors as determined by the Contracting Officer's Representatives (COR).
4. RESPONSIBILITIES.
  - a. National Environmental Policy Act (NEPA ) Compliance Officer (NCO).
    - (1) Approves Notices of Involvement (NOI) and Statements of Findings (SOF).
    - (2) Transmits NOI and SOF to DOE Headquarters for publication in the Federal Register if action is of national concern.
    - (3) Approves wetland/floodplain assessments, usually in conjunction with concurrence on a NEPA document.
  - b. NEPA Document Manager (NDM) or Contracting Officer's Representative.
    - (1) Interfaces with contractors to have the NOI, wetland/floodplain assessment, and SOF prepared.
    - (2) Reviews the NOI, wetland/floodplain assessment, and SOF for required information and interfaces with contractors to have any necessary revisions made.
    - (3) Transmits the NOI, wetland/floodplain assessment, and SOF to the NCO.
  - c. Office of Chief Counsel.
    - (1) Concurs on NOI and SOF for publication in the Federal Register or local media.
    - (2) Concurs on wetland/floodplain assessments usually in conjunction with a NEPA document.

- d. Contractors or others, as appropriate.
  - (1) May prepare the NOI, wetland/floodplain assessment, and SOF as requested by the NDM or COR.
  - (2) May submit the NOI, wetland/floodplain assessment, and SOF to the NDM or COR.
5. REQUIREMENTS AND PROCEDURES. See Attachment 1 for the procedure.
6. REFERENCES.
  - a. National Environmental Policy Act of 1969 (PL 91-190). Requires Federal agencies to consider environmental effects in the decision-making process.
  - b. Executive Order 11988 (1977). Requires Federal agencies to avoid to the extent possible the long- and short-term adverse impacts associated with the occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.
  - c. Executive Order 11990 (1977). Requires Federal agencies to avoid to the extent possible the long- and short-term adverse impacts associated with the destruction or modification of wetlands and to avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative.
  - d. Memorandum, Carol M. Borgstrom, EH-25, to Distribution, subject: Procedures for Compliance with Floodplain/Wetlands Environmental Review Requirements (10 CFR Part 1022), dated October 16, 1992, (modified September 1994). Informs all DOE facilities and programs managers of recommended models of documents for use in implementing 10 CFR 1022.
  - e. Implementing Regulations. 10 CFR 1022, Compliance with Floodplain and Wetland Environmental Review Requirements, available online at the US Government Printing Office Web Site (<http://www.access.gpo.gov/nara/cfr/index.html>).
7. DEFINITIONS. See 10 CFR 1022, Section 1022.4, for definitions (see Web Site in paragraph 6e above).
8. CONTRACTOR REQUIREMENTS DOCUMENT. None.
9. ATTACHMENTS.
  - a. Attachment 1 - Procedure for Actions Affecting Floodplains and Wetlands.
  - b. Attachment 2 - Memorandum, Carol M. Borgstrom, EH-25, to Distribution, subject: Procedures for Compliance with Floodplain/Wetlands Environmental Review Requirements (10 CFR Part 1022), dated October 16, 1992, (modified September 1994).
  - c. Attachment 3 - Examples of Memorandum from the Alternate NEPA Compliance Officer to the Federal Register Liaison and Certification Letter.

## **PROCEDURE FOR ACTIONS AFFECTING FLOODPLAINS AND WETLANDS**

### 1.0 PURPOSE.

To establish procedures for the preparation, review, and approval of floodplain and wetland actions documentation pursuant to 10 Code of Federal Regulations (CFR) 1022, *Compliance with Floodplains and Wetland Environmental Review Requirements*, under the purview of the Department of Energy (DOE) Oak Ridge Operations (ORO) Office. 10 CFR 1022 is available online at the US Government Printing Office Web Site (<http://www.access.gpo.gov/nara/cfr/index.html>).

### 2.0 APPLICABILITY.

This procedure is applicable to ORO personnel who prepare, review, or approve floodplain and wetland actions documentation for actions that are the responsibility of ORO.

### 3.0 PROCEDURE.

3.1 General Process. When a proposed action is within the boundaries of a floodplain and/or wetland, as defined in 10 CFR 1022, for which an Environmental Impact Statement (EIS) is required, the Notice of Intent that is published in the Federal Register may include a Notice of Involvement (NOI) in a wetland and/or floodplain. When a proposed action is within the boundaries of a floodplain or wetland, as defined in 10 CFR 1022, for which no EIS is required, a separate NOI of the action is published in the local media or in the Federal Register if of national concern. The NOI is followed by a floodplain and/or wetland assessment. Then a Statement of Findings (SOF) for floodplain actions is published in the local media or in the Federal Register. An SOF is not required for a wetland action. Publication of the NOI and SOF must be at least 15 days apart. No action will be taken for at least 15 days after publication of the floodplain SOF or the wetlands NOI, except as provided in 10 CFR 1022.16.

3.2 Format and Content. The format and content of the floodplain or wetland action document should follow 10 CFR 1022, and the Borgstrom to Distribution memorandum dated October 16, 1992, (modified September 1994), *Procedures for Compliance with Floodplain and Wetland Environmental Review Requirements* (10 CFR 1022) which is reproduced in Attachment 2.

#### 3.3 Notice of Involvement.

3.3.1 This document should be brief and adequately describe the proposed floodplain and/or wetland action. A model of a NOI is presented in Attachment 2, and it should include the following sections:

- Title
- Agency
- Action
- Summary
- Date comments are due

- Address where the comments should be sent
  - Contact for further information on proposed action
  - Contact for further information on general floodplain and wetland review requirements
  - Supplementary information
- 3.3.2 For publication in the Federal Register, the submittal package should contain the original and four copies of the signed NOI, a memorandum from the NEPA Compliance Officer (NCO) to the Federal Register liaison at DOE Headquarters, a diskette containing the NOI, a certification letter, and a copy of the initialed concurrence chain (examples of the memorandum and certification letter are presented in Attachment 3).
- 3.3.3 For publication in local media, the NOI submittal package should contain the original signed NOI, letter(s) to the media, and any special requirements of the media (e.g., electronic copies).
- 3.3.4 The concurrence chain for the NOI includes the ORO NEPA Document Manager (NDM) or Contracting Officer's Representative, NCO, and Office of Chief Counsel (OCC).
- 3.3.5 The concurrence chain for the NOI integrated into NEPA or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) document notices will follow the concurrence chain for those documents; however, the NCO and OCC must always be in the chain.
- 3.3.6 The NCO will sign all NOIs. The NOI requirement may be integrated with the NEPA or CERCLA process as long as it includes a notice published in the local media or in the Federal Register. Floodplain or wetland notices contained in NEPA or CERCLA notices will be concurred on by the NCO.
- 3.4 Floodplain and/or Wetland Assessment.
- 3.4.1 Sections which shall be included in this document are:
- Project Description
  - Floodplain or Wetland Effects
  - Alternatives
- 3.4.2 The floodplain and/or wetland assessment will be included or referenced in the NEPA (Environmental Assessment or EIS) or CERCLA document, or, if not a part of a NEPA or CERCLA document, it should be attached to the Categorical Exclusion (CX) package. For floodplain actions, the floodplain assessment should be included with the SOF package.

- 3.4.3 The concurrence chain for floodplain assessments attached to SOF packages and for wetland assessments attached to CX packages is the same as in subparagraph 3.3.4 of this Attachment.
- 3.4.4 For floodplain and wetland assessments included in NEPA or CERCLA documents, the concurrence chain in subparagraph 3.3.5 of this Attachment applies.
- 3.4.5 The NCO will approve wetland assessments as part of CX packages, as appropriate. Separate floodplain assessments will be approved by the NCO as part of the SOF package. Floodplain or wetland assessments contained in NEPA or CERCLA documents shall be approved by the appropriate authority, and concurred on by the NCO and OCC, as part of these documents.

### 3.5 Statement of Findings.

- 3.5.1 Sections which should be in the SOF are the same as those listed in subparagraph 3.3.1 of this Attachment.
- 3.5.2 For publication in the Federal Register, the SOF submittal package should contain a memorandum from the NCO to the DOE Headquarters Federal Register liaison, four copies and the original signed SOF, a diskette containing the SOF, certification letter, the floodplain assessment (included but not to be transmitted to the Federal Register liaison), and a copy of the initialed concurrence sheet.
- 3.5.3 For publication in local media, the SOF submittal package should contain the original signed SOF, letter(s) to the media, and any special requirements of the media (e.g., electronic copies).
- 3.5.4 The concurrence chain for SOF packages is the same as in subparagraph 3.3.4 of this Attachment.
- 3.5.5 For SOF included in NEPA or CERCLA notices, the concurrence chain in subparagraph 3.3.5 of this Attachment applies.
- 3.5.6 SOFs will be approved by the NCO. SOFs contained in NEPA or CERCLA documents or notices will be approved by the appropriate authority and concurred on by the NCO and OCC as part of these notices.
- 3.5.7 Copies of published SOF should be included as part of related CX packages submitted for approval.

## 4.0 RECORDS.

The NDM or COR will maintain documentation of the floodplain and wetland actions. This documentation may be physically located with the NEPA contractor. At a minimum, this documentation includes the NOI, floodplain and/or wetland assessment, and SOF.

5.0 TRAINING.

Training for this procedure should include required reading and understanding of this procedure, as well as additional floodplain and wetland training or experience with the floodplain and wetland documentation process. All training should be documented and records maintained by the appropriate Training Coordinator.

DOE F 1525 4  
(8-88)  
EFO (10/20)

United States Government

Department of Energy

## memorandum

DATE: October 16, 1992 (modified September 1994)  
REPLY TO:  
ATTN OF: EH-25  
SUBJECT: Procedures for Compliance with Floodplain/Wetlands  
Environmental Review Requirements (10 CFR Part 1022)  
TO: Distribution

Attached are models of documents, developed in consultation with GC-11, that we recommend be used in implementing 10 CFR Part 1022. Use of these models should simplify and speed the preparation and approval of routine floodplain and/or wetland documents. The attachments include models of a Notice of Involvement and a Floodplain Statement of Findings which would be published in the Federal Register and a Finding of No Significant Impact (FONSI) with a Floodplain Statement of Findings incorporated. These models will be incorporated in the revised NEPA Compliance Guide.

We are also exploring options for revision to 10 CFR Part 1022 and would appreciate any suggestions you may have.

If you have any comments on the procedures, send them to the attention of John Pulliam in EH-25, (202) 586-4597.

*Carol Borgstrom*

Carol M. Borgstrom  
Director  
Officer of NEPA Oversight

Attachments

[6450.01]

DEPARTMENT OF ENERGY

Notice of [Floodplain][Wetlands][Floodplain and Wetlands]  
Involvement for [insert project name]

AGENCY: Department of Energy (DOE)

ACTION: Notice of [Floodplain][Wetlands][Floodplain and Wetlands]  
Involvement

SUMMARY: DOE proposes to [describe the proposed action briefly]  
in [floodplain][wetlands][floodplain and wetlands] located in XYZ  
County, XYZ State. In accordance with 10 CFR Part 1022, DOE will  
prepare a [floodplain][wetlands][floodplain and wetlands]  
assessment and will perform this proposed action in a manner so  
as to avoid or minimize potential harm to or within the affected  
[floodplain][wetlands][floodplain and wetlands].

DATE: Comments are due to the address below  
no later than [insert 15 days after publication].

ADDRESS: Comments should be addressed to [address].

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<sup>1</sup> [ ] Use the appropriate formulation depending upon  
whether only floodplains, only wetlands, or both  
floodplains and wetlands are involved in the  
proposed action.

FOR FURTHER INFORMATION ON THIS PROPOSED ACTION, CONTACT:

[Program Contact]  
[Address]  
[Phone]  
[FAX]

FOR FURTHER INFORMATION ON GENERAL DOE FLOODPLAIN/WETLANDS ENVIRONMENTAL REVIEW REQUIREMENTS, CONTACT:

Carol M. Borgstrom, Director  
Office of NEPA Oversight, EH-25  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, D.C. 20585  
(202) 586-4600 or (800) 472-2756

SUPPLEMENTARY INFORMATION:

[Describe the proposed action and location with respect to the floodplain.]

In accordance with DOE regulations for compliance with floodplain and wetlands environmental review requirements (10 CFR Part 1022), DOE will prepare a [floodplain][wetlands][floodplain and wetlands] assessment for this proposed DOE action. [If a floodplain is involved, add one of the following three statements:

Alternative 1 (to be used if no environmental assessment (EA) or environmental impact statement (EIS) is being prepared)<sup>2</sup>

After DOE issues the assessment, a floodplain statement of findings will be published in the Federal Register.

Alternative 2 (to be used if an EA is being prepared)

The assessment will be included in the environmental assessment (EA) being prepared for the proposed project in accordance with the requirements of the National Environmental Policy Act. A floodplain statement of

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<sup>2</sup> Note that the Federal Register Notice of Intent (NOI) to Prepare an EIS may be used as the vehicle for notifying the public of floodplain/wetlands involvement in lieu of publishing a separate Notice of Floodplain/Wetlands Involvement.

findings will be included in any finding of no significant impact that is issued following the completion of the EA or may be issued separately.

Alternative 3 (to be used if an EIS is being prepared)

The assessment and a floodplain statement of findings will be included in the environmental impact statement being prepared for the proposed project in accordance with the National Environmental Policy Act.

Issued in \_\_\_\_\_ on \_\_\_\_\_.

\_\_\_\_\_  
Program Office Official

Reminder to users of this example: With respect to wetlands actions (not located in a Floodplain), DOE shall take no action prior to fifteen days after publication of this notice.

[6450.01]

DEPARTMENT OF ENERGY

Floodplain Statement of Findings for [insert project name]

AGENCY: Department of Energy (DOE)

ACTION: Floodplain Statement of Findings

SUMMARY: This is a Floodplain Statement of Findings for [insert project name] prepared in accordance with 10 CFR Part 1022. DOE proposes to [describe the proposed action briefly] in a floodplain located in XYZ County, XYZ State. DOE prepared a [floodplain][floodplain and wetlands] assessment describing the effects, alternatives, and measures designed to avoid or minimize potential harm to or within the affected floodplain. DOE will endeavor\* to allow 15 days of public review after publication of the statement of findings before implementing the proposed action.

FOR FURTHER INFORMATION, CONTACT:

[Program Contact]  
[Address]  
[Phone]  
[Fax]

\* If DOE has the flexibility to allow the 15-day review period, this sentence should read: "DOE will allow 15 days of public review. . ."

FOR FURTHER INFORMATION ON GENERAL DOE FLOODPLAIN/WETLANDS  
ENVIRONMENTAL REVIEW REQUIREMENTS, CONTACT:

Carol M. Borgstrom, Director  
Office of NEPA Oversight, EH-25  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, D.C. 20585  
(202) 586-4600 or (800) 472-2756

SUPPLEMENTARY INFORMATION:

This is a Floodplain Statement of Findings for [insert project name] prepared in accordance with 10 CFR Part 1022. A Notice of [Floodplain][Floodplain and Wetlands] Involvement was published in the Federal Register on [insert date of publication and Federal Register citation] and a [floodplain][floodplain and wetlands] assessment was incorporated in the [Environmental Assessment][Draft Environmental Impact Statement]. DOE is proposing to [describe the proposed action briefly] in the [identify the floodplain](see the map). The action is proposed to be located in the floodplain because [explain why]. Alternatives to the proposed action are [list alternatives considered]. The proposed action [does][does not] conform to applicable State or local floodplain protection standards. [Explain if action does not conform to standards.]

[Describe the steps to be taken to avoid or minimize potential harm to or within the affected floodplain.]

DOE will endeavor<sup>\*</sup> to allow 15 days of public review after  
publication of the statement of findings prior to implementing  
the proposed action.

Issued in \_\_\_\_\_ on \_\_\_\_\_.

\_\_\_\_\_  
Program Office Official

\* If DOE has the flexibility to allow the 15-day review period, this sentence should  
read: "DOE will allow 15 days of public review. . ."

[6450.01]

DEPARTMENT OF ENERGY

Finding of No Significant Impact and Floodplain Statement of  
Findings for [insert project name]

AGENCY: Department of Energy (DOE)

ACTION: Finding of No Significant Impact and Floodplain Statement  
of Findings

[Add the following to the FONSI.]

FLOODPLAIN STATEMENT OF FINDINGS

This is a Floodplain Statement of Findings prepared in accordance with 10 CFR Part 1022. A Notice of [Floodplain][Floodplain and Wetlands] Involvement was published in the Federal Register on [insert date of publication] and a [floodplain][floodplain and wetlands] assessment was incorporated in the Environmental Assessment. DOE is proposing to [describe the proposed action briefly] in the [identify the floodplain](see the map). The proposed action is to be located in the floodplain because [explain why]. Alternatives to the proposed action are [list alternatives considered]. The proposed action [conforms] [does not conform] to applicable State or local floodplain protection standards. [Explain if action does not conform to standards.]

[Describe the steps to be taken to avoid or minimize potential harm to or within the affected floodplain.]

DOE will endeavor\* to allow 15 days of public review after publication of the statement of findings before implementing the proposed action.

\* If DOE has the flexibility to allow the 15-day review period, this sentence should read: "DOE will allow 15 days of public review. . ."

**Examples of Memorandum from the Alternate NEPA Compliance Officer  
to the Federal Register Liaison and Certification Letter**

United States Government

Department of Energy

# memorandum

Oak Ridge Operations

DATE: August 20, 1999

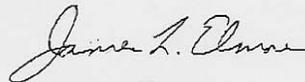
REPLY TO  
ATTN OF: EW-91:Perry

SUBJECT: **NOTICE OF FLOODPLAIN AND WETLANDS INVOLVEMENT FOR THE  
DEVELOPMENT OF SOIL BORROW AREAS NEAR THE WELDON SPRING  
SITE**

TO: Clara Barley, Federal Register Liaison Officer, Office of Rulemaking  
Support, GC-75

Attached are an original and four copies of an approved Notice of Floodplain and Wetlands Involvement for the Weldon Spring Site, Weldon Spring, Missouri. This document was prepared to meet requirements of 10 CFR 1022, "Compliance with Floodplain/Wetlands Environmental Review Requirements", and is being submitted for publication in the Federal Register. A diskette, a certification letter, and a copy of concurrences are also attached.

If you have any questions, please contact me at (423)576-0938.



James L. Elmore  
Alternate NEPA Compliance Officer

Attachments:  
As stated

cc w/attachments:  
Gary Bodenstein, EW-913  
Clayton Gist, EW-913  
Teresa Perry, EW-912

[6450-01-M]

DEPARTMENT OF ENERGY

Notice of Floodplain and Wetlands Involvement for the Development of Soil Borrow  
Areas near the Weldon Spring Site

AGENCY: Office of Environmental Management, DOE

ACTION: Notice of Floodplain and Wetlands Involvement

SUMMARY: The U.S. Department of Energy (DOE) is proposing to develop two soil borrow areas at the Weldon Spring Site, located in St. Charles County, Missouri. The borrow areas would provide materials necessary to fill the Weldon Spring quarry. The proposed action will ensure continued protectiveness of human health and the environment. The proposed borrow areas contain a number of small wetlands and, in addition, one of the borrow areas is located within the Missouri River 100 year-floodplain. In accordance with 10 CFR Part 1022, DOE is preparing a floodplain and wetlands assessment and will perform this proposed action in a manner so as to avoid or minimize potential harm to or within the affected floodplain and wetlands.

DATE: Comments are due to the address below no later than [insert 15 days after publication].

ADDRESS: Comments should be addressed to Mr. Steve McCracken, U.S. Department of Energy, Weldon Spring Site Remedial Action Project, 7295 Highway 94 South, St. Charles, MO 63304. Comments may be faxed to (636)447-0739.

FOR FURTHER INFORMATION ON THIS PROPOSED ACTION, CONTACT.

Mr. Steve McCracken  
U. S. Department of Energy  
Weldon Spring Site Remedial Action Project  
7295 Highway 94 South  
St. Charles, MO 63304  
(636)441-8978

FOR FURTHER INFORMATION ON GENERAL DOE FLOODPLAIN/WETLANDS ENVIRONMENTAL REVIEW REQUIREMENTS, CONTACT:

Carol M. Borgstrom, Director  
Office of NEPA Policy and Assistance, EH-42  
U.S. Department of Energy  
1000 Independent Avenue, SW  
Washington, D.C. 20585  
(202)586-4600 or (800)472-2756

SUPPLEMENTARY INFORMATION: The DOE is conducting response actions at its Weldon Spring Site under the direction of the DOE Office of Environmental

Management. The Weldon Spring Site is located in St. Charles County, Missouri, approximately 48 km (30 miles) west of St. Louis. As part of the overall cleanup of the Weldon Spring Site, the DOE is proposing to backfill an abandoned quarry, located approximately 3.9 km (2.5 miles) southwest of the site, within the State of Missouri Weldon Spring Conservation Area. The quarry was used for the disposal of chemically and radioactively contaminated materials between the 1940s and 1960s. Removal of bulk waste from the quarry was completed in October, 1995. This action is intended to mitigate physical hazards associated with an open quarry and eliminate ponded water in the sump.

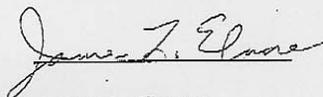
Two soil borrow areas are proposed as the source for the fill material. The primary area proposed for the excavation of borrow material is located approximately 0.37 km (0.23 mile) southwest of the quarry, within the Weldon Spring Conservation Area. This proposed borrow area is approximately 8 ha (20 acres) in size, bounded by Femme Osage Creek, Femme Osage Slough, and Little Femme Osage Creek, and is approximately 1.2 km (0.77 mile) from the Missouri River. One small palustrine forested wetland occurs within the area to be excavated, and several small palustrine wetlands occur in immediately adjacent areas. This proposed borrow area lies entirely within the 100 year floodplain of the Missouri River. A second area proposed for excavation of material, if necessary, is located approximately 1.7 km (1.1 miles) northeast of the quarry, and is also within the Weldon Spring Conservation Area. This proposed borrow area is approximately 1.2 ha (3.1 acres) in size and lies approximately 75 m (246 feet) from a perennial tributary of the Little Femme Osage

Creek. Several small palustrine wetlands occur within, and adjacent to, the area proposed for excavation.

Contaminated bulk materials and soil have been excavated from within the quarry and all exposed surfaces have been decontaminated. The proposed action would prevent any further migration of contaminants from the quarry. The anticipated volume of fill material required for the proposed action would be approximately 86,400 m<sup>3</sup> (113,000 yd<sup>3</sup>). Excavation depth within the principal borrow area would be approximately 2.4 m (8 feet); the additional borrow area also would be excavated to a depth of approximately 2.4 m (8 feet). Erosion controls would be installed down gradient from all excavations to prevent the transport of silt downstream by stormwater flows. Restoration of excavated areas would include grading to avoid steep or vertical slopes.

In accordance with DOE regulations for compliance with floodplain and wetlands environmental review requirements (10 CFR Part 1022), DOE is preparing a floodplain and wetlands assessment for this proposed DOE action. After DOE issues the assessment, a floodplain statement of findings will be published in the Federal Register.

Issued in Oak Ridge, Tennessee on 8/19/99.



James L. Elmore

Alternate Oak Ridge Operations

National Environmental Policy Act

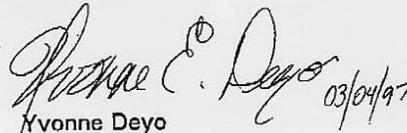
Compliance Officer

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

This letter is to certify that the attached disk is a true copy of the Notice of  
Floodplain and Wetlands Involvement for the Weldon Spring Site and should  
be used by GPO in preparing the document for publication.



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