

**R-009-101.28**

**3011**

**SOUTH GROUNDWATER CONTAMINATION  
PLUME REMOVAL ACTION WEEKLY REPORT  
MARCH 20, 1992**

**03/20/92**

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ENCLOSURE**

SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTION

3011

WEEKLY REPORT

MARCH 20, 1992

Part 1 - Alternate Water Supply

The construction bids are due on April 1, 1992. The contract award time period has been extended from 90 days to 150 days (i.e., the construction manager has up to 150 days after bids are received to award). The time period was extended to accommodate the potential increase in time required to obtain access to the Alternate Water Supply well field site property by condemnation. The U.S. Army Corps of Engineers and the Department of Energy (DOE) are processing the government condemnation packages to take possession of the property, as well as attempting to negotiate access with the property owner, Rowe & Rowe, Trustees. If condemnation is required, possession is anticipated in June 1992.

Written approval with conditions was received from the United States Environmental Protection Agency (U.S. EPA) for delay of the Delta Steel Alternate Water Supply. A response letter is being prepared by DOE to respond to the conditions stated.

Part 2 - Pump and Discharge

An amendment to the Package 2A is in process; bids are due on March 27, 1992. The amendment will add a new manhole at the west side of State Route 128, move the last manhole closer to the Great Miami River and adjacent to the cofferdam, change the transformer at the Stormwater Retention Basin from oil cooled to air cooled, and flatten the slope of the outfall line.

The revision to the South Plume Recovery System Operation and Maintenance manual was completed. However, a final quality check indicated that not all of the items modified in the latest revision to the Part 2/3 Work Plan were reflected in the revised manual. Inclusion of these items will delay issuance of the revision until the middle of next week.

Comments on the Construction Package 2A were received from the Ohio Environmental Protection Agency (OEPA). Responses are being prepared. A cursory evaluation of the comments has indicated that no changes to the Package 2A will result from the comment responses.

The Preliminary Criteria Analysis for the aeration of extracted groundwater was issued on March 6, 1992, for internal review and comment.

The 50% design for the Package 2B, cofferdam and remaining outfall pipeline construction was issued for internal review and comment.

Part 3 - Installation and Operation of an Interim Advanced Wastewater Treatment [IAWWT] System to Reduce Uranium Contaminant Loading to the Great Miami River to a Level Less Than 1,700 Pounds Per Year

Concrete has been poured for the utilities building pad. Trailer delivery is currently on schedule.

The Certified for Construction (CFC) drawings and specifications for the Interim Advanced Wastewater Treatment System at the Bionitrification-Effluent Treatment System (IAWWT-BDN/ETS) were transmitted to the construction manager on March 16, 1992.

Part 5 - Groundwater Modeling and Geochemical Investigation

ASI/IT was requested to prepare a change control package for proceeding with the northern row of hydropunching. As described in a recent letter to the U.S. EPA and Ohio EPA, DOE is proceeding with the Part 5 work in a phased approach. After the results of the north row of hydropunching and adjacent existing well and piezometer sampling is completed and evaluated, DOE will determine whether to proceed with the remainder of the work plan as previously written, or to revise the plan as described in the February letter.

General

Attached is Property Access Status/Schedule outlining the latest easement acquisition status.

MWG,  
19-Mar-92

Legend: S - Schedule  
F - Forecast

SOUTH GROUNDWATER CONTAMINATION PLUME - PROPERTY ACCESS STATUS/SCHEDULE

PART 1 - ALTERNATE WATER SUPPLY

PROPERTY/INTEREST	RIGHT-OF-ENTRY SURVEY/EXPLOR.	RIGHT-OF-ENTRY CONSTRUCTION	COMMENTS
Mandery Trust	Complete	Denied, 3/06/92 S, 6/04/92 F	Negotiating easement, condemnation initiated 2/27/92 as owner has countered with list of 19 conditions/concerns. Acquisition by condemnation started 2/19/92
Lienesch, Frank	Denied - - - - ->	Denied, 3/06/92 S, 5/22/92 F	Acquisition by condemnation started 2/19/92
Unknown Owner	- - - - ->	3/06/92 S, 5/30/92 F	Negotiating perpetual easement
Burton, Clayton & Rose Ann	Complete	Complete	Negotiating perpetual easement
Roy, Clarence	Complete	Complete *	Negotiating easement, * R-O-E expires 7/27/92 (extension required)
CSX Realty	Complete	Complete	Indefinite right-of-entry. To be advised on design changes
Texas Gas & Transmission	Complete	Complete	Perpetual easement not required
Albright & Wilson	Complete	Complete	Permit required prior to construction
County Roads	Not Required	Not Required	

PART 2A/2B - DISCHARGE PIPELINE & OUTFALL TO GREAT MIAMI RIVER

PROPERTY/INTEREST	RIGHT-OF-ENTRY SURVEY/EXPLOR.	RIGHT-OF-ENTRY CONSTRUCTION	COMMENTS
Knollman Farms (S of Willey Rd)	Complete	3/12/92 S, 3/27/92 F	Contact initiated
Knollman Farms (E of RT 128)	3/12/92 S, 3/20/92 F	3/12/92 S, 3/27/92 F	Contact initiated, existing easement negotiation required
Knollman Farms (west of RT 128)	Complete	3/12/92 S, 3/27/92 F	Contact initiated, existing easement negotiation required
Cincinnati Gas & Electric	3/12/92 S, 3/20/92 F	3/12/92 S, 3/27/92 F	Contact initiated
Mid-Valley Crude Oil Co.	Not Applicable	Not Applicable	Negotiate pipeline crossing
County Roads	Not Required	Not Required	Permit required prior to construction

PART 2C/2D - WELLFIELD & TEST WELL

PROPERTY/INTEREST	RIGHT-OF-ENTRY SURVEY/EXPLOR.	RIGHT-OF-ENTRY CONSTRUCTION	COMMENTS
Albright & Wilson	5/22/92 S, 5/01/92 F	5/22/92 S, 5/01/92 F	Agreement mailed 2/05/92
Delta Steel	Denied - - - - ->	Denied, 5/22/92 S, 5/30/92 F	Acquisition by condemnation initiated 2/25/92
CSX Realty	5/22/92 S, 5/01/92 F	5/22/92 S, 5/01/92 F	Agreement mailed 2/05/92
Weber, Earl	5/22/92 S, 5/01/92 F	5/22/92 S, 5/01/92 F	Agreement mailed 2/05/92

PART 5 - GROUNDWATER MODELING/GEOCHEMICAL INVESTIGATION

PROPERTY/INTEREST	RIGHT-OF-ENTRY SURVEY/EXPLOR.	RIGHT-OF-ENTRY PIEZOMETERS	COMMENTS
Knollman Farms	Complete *	Denied, 5/30/92 F	* Expires 7/31/93
Delta Steel	Denied, 5/30/92 F	Requested 12/03/91	Acquisition by condemnation started (Same property as required for Part 2C/2D)
Weber, Earl	Complete *	Requested 12/03/91	* For soil vapor survey & hydropunch, expires 8/30/92
Harrison Poured Foundations	Complete *	Complete, exp. 1/10/97	* For soil vapor survey & hydropunch, expires 9/05/92
Albright & Wilson	Complete *	Complete, exp. 4/10/92	Negotiating with Owner
CSX Realty	Complete *	Complete, exp. 4/10/92	* Agreement mailed 12/13/91, owner reviewing
Ruetgers Chemical	Complete *		* Owner reviewing agreement for soil vapor survey
Evers, Mary	Complete *		* For soil vapor, expires 9/04/92
Schiering, William	Complete *		* For soil vapor, expires 10/03/92
Buckeye Foundry	Complete *		Searching for contact, agreement mailed to a second address