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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
SEPTEMBER 17, 1992**

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REPORT

SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTIONWEEKLY REPORTSeptember 17, 1992Part 1 - Alternate Water Supply

The contractor was remobilized on September 9, 1992, on the Mandery Trust property. Approximately 1,000 lineal feet of the line is anticipated to be installed by the end of this week.

Part 2 - Pump and Discharge

Conditional approval (pending incorporation of comments) was received from the U.S. EPA on the South Plume Groundwater Recovery System Design, Monitoring, and Evaluation Program Plan. Comments have also been received from the Ohio EPA. This document was previously submitted under the title "South Plume Groundwater Extraction System Operation and Maintenance Manual."

Package 2A - (Discharge Pipeline): Construction work continues. Construction activities have been impacted due to the previously discovered contamination at the river.

Package 2B.1 - (Outfall Cofferdam): DOE has received a draft letter from WEMCO detailing the plan of action for continuance of construction for work package 2B.1, the outfall to the Great Miami River. The construction of 2B.1 and its associated cofferdam was halted due to the discovery of contaminated soil and rubble. The proposed plan that was presented to DOE essentially maintained the existing design for the outfall line installation but added additional administrative controls to the construction and some monitoring requirements. The discussions between WEMCO and DOE modified this approach. The consensus at the end of this meeting was to investigate the possibility of installation of the final outfall pipe sections underwater within the excavated cofferdam. This will eliminate the need to pump potentially contaminated water from within the cofferdam to the Great Miami River. WEMCO is evaluating this change, and if deemed to be workable upon further review, a formal proposal will be presented to DOE, and subsequently to the EPAs for concurrence.

Package 2B.2 - (Dissolved Oxygen): Bids are due September 24, 1992.

Package 2C (Wellfield) and Package 2D (Test Well): Bids are due September 28, 1992. However, a Notice to Proceed is anticipated to be delayed significantly (five months) due to the need to condemn the properties where these projects are located. A letter is being prepared to describe the Part 2 schedule delays, and to request a schedule extension.

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

Interim Advanced Wastewater Treatment (Storm Water Retention Basin) IAWWT(SWRB)

The IAWWT(SWRB) unit has been operating successfully.

Interim Advanced Wastewater Treatment (Biodenitrification - Effluent Treatment System) IAWWT(BDN-ETS)

The IAWWT(BDN-ETS) remains shut down because of the solids problem encountered on this unit. Preliminary conceptual plans are being prepared to provide flocculation and settling of the IAWWT(BDN-ETS) influent. Jar tests are continuing to verify the required chemical addition to the system.

Part 5 - Groundwater Modeling and Geochemical Investigation

Conditional approval has been received from the Ohio EPA on the revised Part 5 Work Plan. The conditions for approval are that DOE address the comments listed by the Ohio EPA.

General

Enclosed is the property access schedule outlining the latest easement acquisition.

SOUTH GROUNDWATER CONTAMINATION PLUME - PROPERTY ACCESS STATUS/SCHEDULE

18-Sep-92

Legend: S - Schedule DOE - Dept of Energy
 F - Forecast COE - US Army Corps of Engineers
 A - Actual

PART 1 - ALTERNATE WATER SUPPLY

PROPERTY/INTEREST	RIGHT-OF-ENTRY SURVEY/EXPLOR.	RIGHT-OF-ENTRY CONSTRUCTION	COMMENTS
Rowe & Rowe, Trustees (Mandery)	Complete	Complete	Possession granted by U.S. District Court.
* Lienesch, Frank	Denied ----->	Denied, 9/21/92 F	* U.S. District Court judge has allowed 20 days for response from Lienesch & any Unknown Owner on condemnation packages.
* Unknown Owner	----->	9/21/92 F	Accepted Easement Offer.
Burton, Clayton & Rose Ann	Complete	Complete	Accepted Easement Offer.
Roy, Clarence	Complete	Complete	* Negotiating easement agreement.
* CSX Realty	Complete	Complete	Indefinite right-of-entry.
Texas Gas & Transmission	Complete	Complete	Perpetual easement not required.
Albright & Wilson	Complete	Complete	

PART 2. Pkgs 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	Complete	Negotiations complete, Accepted Easement and License Offer.
Knollman Farms (E of RT 128)	Complete	Complete	Negotiations complete, Accepted License Offer.
Knollman Farms (W of RT 128)	Complete	Complete	Negotiations complete, Accepted License Offer.
Cincinnati Gas & Electric	Complete	Complete	Agreement signed CG&E management.
Mid-Valley Crude Oil Co.	Not Required	Not Required	Notification sent to Mid-Valley.

PART 2. Pkgs 2C/2D - WELLFIELD & TEST WELL

PROPERTY/INTEREST	RIGHT-OF-ENTRY SURVEY/EXPLOR.	RIGHT-OF-ENTRY CONSTRUCTION	COMMENTS
* Albright & Wilson	Complete	Complete	* Negotiating easement agreement.
* Delta Steel	Denied ----->	Denied, March 93 F	* COE issued condemnation package to DOE-Oak Ridge on 8/28/92.
* CSX Transportation (RR) and CSX Realty	Complete	Complete	* Negotiating easement agreement, CSX to terminate lease with Delta Steel.
* Weber, Earl	Complete	March 93 F	* COE issued condemnation package to DOE-Oak Ridge on 9/15/92.
Knollman Farms (new-for access rd & monitoring well)	Complete	Complete	Negotiations complete, Accepted License Offer.
Harrison Foundations (new-for access rd & monitoring well)	Complete	Complete	
* Texas Gas & Transmission (new-for access road)	Complete	10/31/92 F	* Negotiations in progress.
* CSX Realty (new-for access rd & monitoring well)	Complete	9/30/92 F	* Negotiations in progress.