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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
NOVEMBER 22, 1991**

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ENCLOSURE**

SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTION

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WEEKLY REPORT

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South Groundwater Contamination Plume - Part 1 (Alternate Water Supply)

Discussions with Delta Steel regarding property right of entry and easements, indicate that Delta Steel will not sign any legal agreements until their claim for damages under the general class-action lawsuit (i.e., \$78 million) is resolved. A decision by management will be made as to whether or not to proceed with the scope of work for an alternate water supply to Delta Steel.

South Groundwater Contamination Plume - Part 2 (Pump and Discharge)

The Weekly Report of November 14, 1991, discussed an approach to divide this project into several construction packages in order to meet the completion date.

Internal discussions between the WEMCO program and project teams have led to a proposed course of action which will allow portions of the project to move forward while the remaining portions are on hold pending resolution of design parameters and access issues.

The project is proposed to be divided into four construction bid packages (see Figure 1) as follows:

- Package 2A) Groundwater discharge pipeline (pressurized flow) and outfall pipeline (gravity flow) from the south boundary of Knollman property on Willey Road to and including Manhole (MH) 182B. This includes construction of valve house, Stormwater Retention Basin (SWRB) pump upgrade, approximately two miles of pipeline, etc.
- Package 2B) Manhole 182B to Great Miami River. This includes the construction of approximately 500 feet of pipeline, coffercell, and riprap.
- Package 2C) Recovery well field and aeration tank installation. This includes construction of a minimum of four recovery wells, several monitoring wells, approximately 1600 feet of pipeline, and a 60,000 gallon tank with aeration equipment (60,000 gallon tank is currently unfabricated, but in storage at the FEMP).

Package 2D) If required - test well installation and pump test to validate groundwater modeling predictions before Package 2C construction begins.

South Groundwater Contamination Plume - Part 3 (Installation and operation of an Interim Advanced Wastewater Treatment (IAWWT) system to reduce contaminant loading to the Great Miami River to a level less than 1,700 pounds per year)

Formal responses from Parsons to all WEMCO comments for the Utilities Design package were received by WEMCO on November 19, 1991. WEMCO is projecting approval of this design package on November 22, 1991.

November 22, 1991, is also the deadline for all bids to be returned on the Trailer Design package for the IAWWT. The bid opening will be conducted by RUST Engineering at 2:00 p.m. at the FEMP.

General

A letter (DOE-044-92) was issued on November 20, 1991, to U.S. EPA and Ohio EPA which requested extensions to the key milestones on Parts 1, 2 and 3 under Section VIII of the amended Consent Agreement. The letter explained in detail why the extensions are necessary. A follow-up meeting was held in Chicago on November 21, 1991. A formal response to the schedule extension request is expected by December 6, 1991.

Comments from U.S. EPA and Ohio EPA were received on the EE/CA Addendum and the Notice of Availability (NOA). The changes are being incorporated and it is expected that the addendum will be issued early the week of November 25, 1991. At the November 21 meeting, it was decided that the addendum will be retitled "Discussion of Significant Differences Report to the EE/CA file for Removal No. 3 - South Groundwater Contamination Plume Removal Action." This change will be added prior to issuance of the document.

