

MEMORANDUM

DATE: January 18, 1994

TO: Tom Kern

COPIES: Brett Heinrich (WMI), Mark Huber, Mike Jury (MDNR), Paul Karalius, Jack Parrott (U.S. NRC), Randy Patchett, Tracy Peterson, Bill Soper (BCDWS), Rita Vassilakis

FROM: Russ Ogle *RAO*

RE: Summary of Meeting with West Bay County Wastewater Treatment Plant Regarding the Hartley & Hartley Site, Bay County, Michigan.

Summary

A meeting was held on behalf of SCA at the West Bay County Wastewater Treatment Plant in Bay County, Michigan on January 11, 1994. The objective of the meeting was to discuss technical issues related to the wastewater pretreatment permit for the proposed leachate treatment facility at the Hartley & Hartley Site. The meeting agenda consisted of the following topics:

- discharge flow rate
- treatment levels for organics, inorganics, and radionuclides
- leachate treatability study
- conceptual design of leachate pump and treat system
- sewer connection

Eleven participants attended the meeting:

RUST Environment & Infrastructure (REI)

Paul Karalius	Russ Ogle	Kevin O'Leary
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Bay County Department of Water and Sewer (BCDWS)

Larry Dull	Ron Marander	Ken Miller
Bill Schubert	Bill Soper	John Sylogowski

Michigan Department of Natural Resources (MDNR)

Allan Brouillet	Mike Jury	<i>Quality through teamwork</i>
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The meeting lasted two and one half hours.

Actions

Karalius (REI) has the action to prepare for SCA a letter to Soper (BCDWS) which identifies REI's information needs for the wastewater pretreatment permit. This letter will also include REI's proposals for process startup, effluent monitoring, and sewer connections. BCDWS will receive the letter by January 21, 1994.

Discussion

Ogle (REI) opened the meeting by transmitting two copies of the Leachate Treatability Study Report (January 1994) to both Jury (MDNR) and Soper (BCDWS). Ogle (REI) discussed the technical basis for the minimum, average, and maximum discharge flow rates of 7 gallons per minute (gpm), 30 gpm, and 50 gpm respectively. SCA's commitment to meet the BCDWS treatment standards for organics and inorganics was reaffirmed. REI will propose risk-based discharge limits for radionuclides to the U.S. Nuclear Regulatory Commission (U.S. NRC).

O'Leary (REI) presented the results of the leachate treatability study. He outlined the two process options that were evaluated, discussed the treatment results obtained from the bench-scale studies, and concluded with a summary of the proposed treatment train.

Karalius (REI) discussed the detailed design using draft process and instrumentation diagrams (PIDs). MDNR and BCDWS presented many helpful comments and questions. Brouillet (MDNR) asked what contingencies REI would implement to prevent the discharge of insufficiently treated leachate. This led to a general discussion of the process startup methodology and effluent monitoring. Soper (BCDWS) indicated that they would prefer the option to obtain effluent samples from within the facility rather than from a manhole outside the facility. Jury (MDNR) provided valuable insight on the air permitting process and offered suggestions for the elimination or control of fugitive air emissions.

The meeting concluded with a discussion of the project schedule. Ogle (REI) indicated that March 1, 1994 is the target date for the following:

- wastewater pretreatment permit application (BCDWS)
- air permit application (MDNR, Air Quality Division)
- interim response design and permit applications (MDNR, Environmental Response Division)

Submittal of the U.S. NRC license amendment application will follow shortly thereafter.