



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Regional Headquarters  
2300 N. Dr. ML King Drive, PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8483  
TDD 414-263-8713

June 28, 2000

In Reply, Refer to: FID# 241218670  
BRRTS# 02-41-000254  
BRR/ERP

Mr. Dennis Fisher  
Meissner, Tierney, Fisher & Nichols  
111 East Kilbourn Avenue  
Milwaukee, WI 53202-6622

Subject: Downgradient Investigation from the Former Good Hope Landfill Site, Milwaukee, WI

Dear Mr. Fisher:

I am writing on behalf of the Wisconsin Department of Natural Resources (WDNR) in response to the "Scope of Work for Investigation Activities to Further Define the Downgradient Impacts Associated with the Former Good Hope Landfill Site, Milwaukee, Wisconsin" report dated June 5, 2000 and submitted by Sigma Environmental Services, Inc. (Sigma). I have also received a fax containing the revised soil vapor geoprobe locations and monitoring well locations. I have a few comments and requested changes to the plan.

Overall, I am generally satisfied with the number of samples and locations. I was told by Mafizul Islam from Sigma, that he anticipates that this phase of the investigation will be conducted soon. Due to the unknown nature of the conditions in this area, prompt investigation is indeed warranted. I would like the opportunity to be in the field while these activities are conducted. Please notify me when a firm schedule has been set.

I suggest that all geoprobes and soil borings be continuously logged to determine the stratigraphy of the area. I also suggest that if a geoprobe is installed in an area not immediately near a monitoring well and groundwater is encountered in the borehole, that a water sample be collected and analyzed for Volatile Organic Compounds (VOCs). Permanent installation of soil gas probes should be considered. This would reduce the likelihood that additional geoprobes would be necessary in the same areas for future soil gas sampling, which would almost certainly be warranted when the ground is frozen.

I suggest that the sample locations be modified as follows:

- Geoprobe #12 should be moved approximately one block east to the 6700 block of N. 54<sup>th</sup> St.
- MW-8/PZ-8 should be moved approximately five blocks east to around 6635 N. 51<sup>st</sup> St.
- MW-10/PZ-10 should be moved one block east to be near Lincoln Creek. The suggested location is in the sidewalk along Mill Rd. between the driveway for 6400 N 51<sup>st</sup> St. and Lincoln Creek.
- An additional set of wells should be considered near the area of Geoprobe #9.
- MW-9/PZ-9 should be located west of the Graceland Cemetery drive if possible.

I appreciate the opportunity to comment on the report. Please, call me at (414) 263-8541 if you have any questions about this letter.

Sincerely,

Andrew F Boettcher  
Hydrogeologist - RR/SER

CC: Mafizul Islam - Sigma  
Terri Linder - Milwaukee Health Dept.

James Schmidt - RR/SER  
Henry Nehls-Lowe - WDHFS

Quality Natural Resources Management  
Through Excellent Customer Service

