



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region Annex
4041 N. Richards Street, Box 12436
Milwaukee, WI 53212-0436
TELEPHONE 414-229-0800
FAX 414-229-0810

December 3, 1997

Mark Gottlieb
Village of Grafton
PO Box 125
Grafton, WI 53024-0125

Dear Mr. Gottlieb:

Subject: Plan approval for investigation at Lime Kiln Park, file
reference FID #246036780 RR

Thank you for having your consultant submit the site investigation work plan for the Lime Kiln Park site. The department finds that a single shallow downgradient well, P2, is not acceptable for the following reasons:

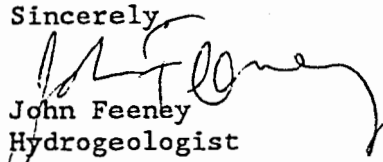
1. Due to potentially strong downward groundwater flow gradients, a shallow well may not detect contaminants migrating from the site. A shallow well may not find the contaminants at their highest concentration.
2. Sampling the impacted private wells in lieu of a deep well at this location will not conclusively indicate whether or not the source of the contaminants in the private wells is from the Lime Kiln Park waste disposal site.

The investigation plan is acceptable with the following changes/conditions:

1. The downgradient monitoring well, P2, should be treated identical to the upgradient deep well, P1: This well should be drilled to the approximate depth of the impacted water supply wells. It should be packered off and sampled in sections and completed based on the results of collected data.
2. An additional deep well should be constructed downgradient of the two adjacent quarries on the west of the site due to the potential that liquid or solid waste could have been dumped in the quarries. This well should also be sampled in sections.
3. VOC's should be tested using method 8021 or equivalent, and should include chloromethane.

This approval is for preliminary work only. If Lime Kiln Park is determined to be the source for groundwater contamination, the department will require additional work to fully characterize the site.

Sincerely


John Feeney
Hydrogeologist

cc: Joan Underwood, RUST Environmental; Charles Sweeney, MB&F