

## **Rust Environment & Infrastructure Inc.**

A Rust International Company 4738 North 40th Street Sheboygan, WI 53083-1883 P.O. Box 1067 Sheboygan, WI 53082-1067 Phone 920.458.8711 Fax 920.458.0537

March 11, 1998

Mr. John Feeney Department of Natural Resources 4041 North Richards Street Milwaukee, WI 53212-0436

Re: Private Well Sampling for the Lime Kiln Landfill Investigation

Dear John:

On behalf of the Village of Grafton, Rust Environment and Infrastructure (REI) is in the process of conducting the investigation of the Lime Kiln Landfill site. In our Work Plan we had proposed sampling of some of the existing private wells of residents who are now on Village water. Based on the information collected during the drilling and geophysical logging of the deep, upgradient borehole, we propose to sample the following four private wells:

- Uihlein 760 Green Bay Road
- Hospel 1752 Manchester Drive
- Johnson 1749 Manchester Drive
- Rusch (former) 812 Green Bay Road.

These wells were chosen because of past groundwater sampling results and because of their distribution around Lime Kiln Park.

Sampling will occur within three intervals in the private wells. These three zones were chosen based on the borehole core, groundwater sampling results from the borehole, and geophysical results from the private wells. These zones are interpreted to represent the most likely potential contaminant pathways. The three zones are as follows:

- 1. A deep zone considered to be the Romeo or Romeo-like beds found directly above an argillaceous unit (Waukesha Member) of more than 40 feet thick. These beds are at a depth of approximately 150 to 200 feet. Sampling would occur directly above the argillaceous zone.
- 2. An intermediate zone at approximately 120-130 feet deep directly above an argillaceous zone.

Mr. John Feeney March 11, 1998 Page 2

3. A shallow zone located above another small argillaceous area at approximately 95-105 feet deep and often associated with an increase in borehole diameter.

These zones will be packered off in approximate 10-foot intervals and sampled for the list of parameters contained in the Work Plan. Due to the limited accessibility of the Hospel well, we will not packer sample this well but will sample the zones using low-flow sampling technology. We plan on sampling these wells late in the week of March 16, 1998.

If you have any questions concerning this proposed sampling, please do not hesitate to call me at 920-451-2465.

Sincerely,

Joan E. Underwood, P.G.

Project Manager

c: Mark Gottlieb - Village of Grafton Charles Sweeney - Michael Best & Friedrich

L:\WORK\GRAFTN01\WP\CORRESPN\LETTER07.JU