



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ron Kazmierczak, Regional Director

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December 22, 2003

Mr. Ray Roder (Representative for the Ripon FF/NN landfill Potentially Responsible Party (PRP) Group)
Reinhart, Boerner, Van Dueren, Norris, and Rieselbach
22 E Mifflin Street, Suite 600
Madison, WI 53701

SUBJECT: Response to November 26, 2003 letter (workplan) – Ripon HWY FF/NN Landfill, WDNR License # 467, BRRTS # 02-20-000915

Dear Mr. Roder:

As outlined in the Department's December 2, 2003 letter, approval was granted for the installation of P-103D in the sandstone. All construction documentation should be submitted in the next report to the Department. The other items in the workplan that the Department has concerns on are discussed below:

- Conversion of the private wells Hadel and Wiese to monitoring wells and connecting these homes to municipal water is also acceptable. If the Hadel's do not agree to the conversion another well location should be suggested.
- The proposed gas monitoring probe locations are not approvable. Both myself and staff from the waste program have evaluated these proposed locations (with the exception of GP-2) and have concluded that they are too far away from the edge of waste. As mentioned in an earlier email (dated November 17, 2003) the purpose of these gas probes is to confirm gas concentrations at the edge of the landfill. There already have been exceedances of the lower explosive limit in MW-103. By putting the gas probes too far away from the landfill, you may miss what you are trying to accomplish. With the geology that is present, sand and gravel mostly, these probes should be placed close to the edge of waste. The Department had suggested locations in the November 17, 2003 email, this email is attached to this letter. The PRP group may choose to place the proposed gas probes in the proposed locations, however under ss. NR 507.12 Wis. Adm. Code the Department will be requiring additional gas probes in the locations which are appropriate. The Department suggests that the gas probes be installed in the areas that were suggested in the November 17, 2003 email, as this will reduce the time and costs to the PRP Group.
- Sampling of the wetland should take place at the water's edge closest to the landfill. One sample is proposed but the Department would advocate that several samples be collected for comparison and consistency with wetland water sampling done previously during the RI/FS.

As a side note, the Department would like to be present during the installation of the gas probes. Please inform me when this is to occur.

If you have any questions in regards to this letter, please call me at 920-303-5447.

Sincerely,

Jennie Pelczar
Hydrogeologist
Remediation and Redevelopment Program

Enclosure: November 17, 2003 email

CC: Gerald DeMers – GeoTrans via email
Bruce Urben – WDNR Green Bay via email
Joe Renville – WDNR LS/5 via email
Bernard Schorle – EPA via email
Lee Archiquette – WDNR WA/3 via email
NER file copy