



State of Ohio Environmental Protection Agency

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DEC 12 2002

Ms. Lynda Shipp  
c/o Noble Road Landfill/Oakland Marsh Landfill  
170 Noble Road East  
Shiloh, Ohio 44878

Re: Noble Road Landfill, Richland County  
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c) Authorization

Dear Ms. Shipp:

On September 23, 2002, Environmental Resources Management (ERM) submitted to the Ohio Environmental Protection Agency (Ohio EPA), Northwest District Office (NWDO) a demonstration pursuant to Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c), documenting that the following statistically significant increases are not the result of impact from the Noble Road Landfill:

- chromium and nickel at monitoring well BW-1;
- arsenic, chromium, copper, lead and nickel at monitoring well BW-9;
- barium, lead and nickel at monitoring well BW-10;
- COD at monitoring well MW-10;
- chloride at monitoring well MW-3;
- chloride at monitoring well MW-4;
- barium and COD at monitoring well MW-7.

BW-1, BW-9, and BW-10

Various metals were detected above their respective statistical limits in the uppermost aquifer system monitoring wells BW-1, BW-9, and BW-10. The excessive metals in BW-1 were chromium and nickel; the excessive metals in BW-9 were arsenic, chromium, copper, lead and nickel; and the excessive metals in BW-10 were barium, lead and nickel. These exceedances occurred during the April 2002 sampling event, and the June 2002 resampling event.

MW-10

Chemical Oxygen Demand (COD) was detected above its respective statistical limit in the significant saturate zone monitoring well MW-10. This exceedance occurred during the April 2002 sampling event, and June 2002 resampling event.

MW-3

Chloride was detected above its respective statistical limit in the significant saturate zone monitoring well MW-3. This exceedance occurred during the April 2002 sampling event, and the June 2002 resampling event.

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Bob Taft, Governor  
Maureen O'Connor, Lieutenant Governor  
Christopher Jones, Director

Ms. Lynda Shipp  
Page 2

MW-4

Chloride was detected above its respective statistical limit in the southwest saturated sand zone monitoring well MW-4. This exceedance occurred during the April 2002 sampling event, and the June 2002 resampling event. The chloride concentration for the MW-4 sample collected in April 2002 was 10 mg/L. The well was resampled in June 2002, with a result of 8 ug/L.

MW-7

Barium was detected above its respective statistical limit in the southwest saturated sand zone monitoring well MW-7. This exceedance occurred during the April 2002 sampling event, and the June 2002 resampling event. COD was detected above its respective statistical limit in the southwest saturated sand zone monitoring well MW-7. This exceedance occurred during the April 2002 sampling event.

Pursuant to OAC Rule 3745-27-10(D)(7)(c), the owner or operator may demonstrate that a source other than the facility caused the contamination, or the increase resulted from error during sampling, analysis, or evaluation, or from the natural variation in ground water. The September 23, 2002, demonstration concluded that the statistically significant increases of chromium and nickel at well BW-1; arsenic, chromium, copper, lead and nickel at well BW-9; barium, lead and nickel at well BW-10; COD at well MW-10; chloride at wells MW-3 and MW-4; and barium and COD at well MW-7 was due to sources other than the landfill.

Ohio EPA concurs with the demonstration and approves continuation of the detection monitoring program in accordance with OAC Rule 3745-27-10(D)(7)(c) for the wells specified above.

Should future or existing ground water sampling results indicate statistically significant increases in ground water quality, the owner/operator will be required to enter into assessment monitoring in accordance with OAC Rule 3745-27-10(E), or obtain approval to remain in detection monitoring pursuant to OAC Rule 3745-27-10(D)(7)(c).

You are hereby notified that this action of the director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code Section 3745.04. The appeal must be in writing and set forth the action complained of and the ground upon which the appeal is based. The appeal shall be filed with the Commission within 30 days after notice of the action. Notice of the filing of the appeal shall be filed with the director of environmental protection within three (3) days after the appeal is filed with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Ms. Lynda Shipp  
Page 3

If you have any questions concerning this document, you may contact Mary Ann Miller at the Ohio EPA, Northwest District Office, at (419) 373-3060.

Sincerely,

A handwritten signature in cursive script that reads "Edwin J. Hammett".

Edwin J. Hammett, Chief  
Northwest District Office for  
Christopher Jones, Director

/llr

pc: Mr. Steve Schwartzwalder, Richland County Health Department  
Mr. Joe Montello, ERM  
Mr. Jay Roberts, Cherokee Run Landfill  
Mr. Jack Leow, Ohio EPA, DDAGW-NWDO (2591)  
Ms. Mary Ann Miller, Ohio EPA, DSIWM-NWDO