



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE

George
Sally
Vince
Rich LaC



July 24, 2012

Mr. Greg Chrin
Chrin Brothers Sanitary Landfill, Inc.
635 Industrial Drive
Easton, PA 18042

Re: Engineer's Monthly Status Report
Chrin Brothers Sanitary Landfill, Inc.
Williams Township, Northampton County
Permit No. 100022

Dear Mr. Chrin:

This Engineer's Status Report is for the month of June. This Report is informational only, without deadlines, and a response is required only if objections are taken to the items mentioned. Our monthly meeting was held at the Chrin offices on Thursday, July 19, 2012. In addition to Chrin and DEP personnel, Susan Reed, Rich Adams, George Washburn, Carole Gorney, and Jennifer Smethers attended the meeting and went on the site tour afterward.

A. Pending Permit Applications:

1. No permit applications or modifications pending at this time.
2. A construction certification for the Stage 7 highwall, Increment/Lift 2 (earthwork and liner installation only) was received via email on July 23. A separate certification will be submitted later for the protective cover once that is installed.

B. Construction Schedule:

1. Working face is currently in Stage 6-2, Cells E-4 through E-6, as well as Stage 1. Average amount of waste accepted is in the range of 600 to 700 tons/day.
2. Stage 8 pre-construction is continuing. The leachate storage tank disassembly was completed recently. A photograph of the progress is attached (taken by DEP engineer on July 12). The footer for the tank's new location is planned to be poured the week of July 23. The MSE berm construction is expected to begin in late September.

C. Groundwater:

1. Monitoring 16 groundwater wells and 3 abatement wells.
2. The five new groundwater monitoring wells drilled for the Phase I investigation were sampled during the week of July 16.

D. Gas Management:

1. Total number of landfill gas wells: 130 vertical, 53 horizontal and 17 leachate cleanouts for a total of 192 gas extraction points.
2. As of July 19, Flare 3 was operating at 902 scfm; flow to PPL was 1388 scfm.

E. Leachate Management:

Total leachate flow was 622,144 gallons for June, and average daily flow was 20,737 gallons/day. All of the leachate flowed directly to the local wastewater treatment plant.

F. Site Observations:

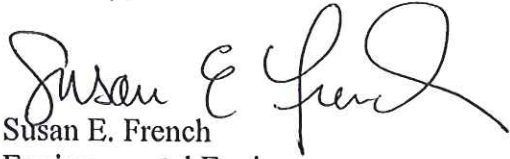
1. Litter – No issues observed.
2. Odor – No offsite odors were detected in a drive around the perimeter of the site prior to this meeting. During the site tour after the meeting, we noted a gas odor while driving in Stage 7 above the working face. It was determined that the odor was due to raising a gas well in the working face area. The odor problem was resolved later in the day after the work was completed.
3. Daily cover – No issues observed.
4. Intermediate cover – No issues observed.

G. Miscellaneous:

1. Enclosed as part of this Report is the monthly Engineer's Report Summary from Chrin Landfill for June, which includes site operations, radiation monitoring, truck safety, leachate management, and report submittals.

If you have any questions or comments concerning this report, please contact me at (570) 826-2064.

Sincerely,



Susan E. French
Environmental Engineer
Waste Management Program

Enclosure

cc: Jan Hutwelker, P.E./EarthRes Group (w/enc.)
Ms. Jennifer Smethers, Manager/Williams Township (w/enc.)
Mr. Rich Adams/Williams Township (w/enc.)
Mr. Timothy Edinger/T&M Associates (w/enc.)



**CHRIN BROTHERS SANITARY LANDFILL
ENGINEER'S REPORT SUMMARY
FOR June 2012**

Date: July 19, 2012

1. Site Operations:

a. Average Daily Permitted Volume	<u>1500 Tons</u>	Tons
b. Maximum Daily Permitted Volume	<u>2000 Tons</u>	Tons
c. Permitted Area	<u>108</u>	Acres
d. Permitted Disposal Area	<u>73</u>	Acres
e. Number of Capped Acres	<u>26.4</u>	Acres
f. Number of Temporary Capped Acres	<u>24.5¹</u>	Acres
g. Number of Acres Constructed	<u>71.09²</u>	Acres

2. Radiation Monitoring:

a. Number of Trucks that Tripped the Radiation Meter	<u>0</u>
b. Number of Trucks on Hold or Rejected	<u>0</u>

3. Truck Safety & Overweight's:

a. Number of Overweight Trucks	<u>14</u>
b. Number of Trucks Rejected Due to Overweight	<u>0</u>

4. Leachate Management:

a. Total Leachate Flow from Combination Sumps/Gravity	<u>622,144</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>3.7</u>	g/a/d
ii. WZ6	<u>9.4</u>	g/a/d
d. Average Daily Flow	<u>20,737</u>	Gallons/Day
e. Leachate Hauled Off Site	<u>0</u>	Gallons

5. Lechate Storage:

a. Total Influent Storage Capacity	<u>1,306,000</u>	Gallons
b. 25% Influent Storage Capacity	<u>326,500</u>	Gallons
c. Current Wastewater Stored	<u>0</u>	Gallons

6. Reports Submitted

a. Quarterly Progress Report	<u>7/17/2012</u>
b. Groundwater Treatment Monthly Report	<u>7/2/2012</u>

¹ This includes 18 acres of temporary cap, 4.8 of which were installed in December, and approximately 6.5 acres of raintarp.

² This includes Stage 6-2's 0.6 acres installed in December.



Chrin Landfill

Leachate Storage Tank disassembly as of July 12, 2012. The outer ring had already been removed at this point. This is the inner ring.

Note the jacks inside the tank that were used to jack down (lower) the tank so that each row of plates could be unbolted and removed.