



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE

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JAN 28 2014

By ME

January 27, 2014

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

George
Vince
Ray
Jen
Rich
Joe black
LAC

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 December 2013. 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, January 16, 2014.

A. Pending Permit Applications:

1. No applications pending at this time.

B. Construction Schedule:

1. Working face is currently in Stage 7. Average amount of waste accepted is approximately 500 to 600 tons/day. Waste from the excavation of the Stage 3D/3E slide area is being mixed with incoming waste for disposal.
2. As of the date of our meeting, the MSE berm for Stage 8 was nearly complete. One more lift remains to be placed, and some backfilling needs to be done. Once the office is moved, a schedule will be prepared for extending the wall to the west.
3. On the date of our visit, footers were being poured for the scale in the new location at the western end of the property. Its relocation is expected in the new few weeks. Office relocation will occur shortly thereafter.

C. Groundwater:

1. Monitoring plan includes 18 groundwater wells and 3 abatement wells.

D. Gas Management:

1. As of the date of our meeting, Flare 1 (candlestick) was operating at 187 scfm and 852°F. Flare 3 was at 728 scfm and 1677°F. Flow to PPL was 1392 scfm.

E. Leachate Management:

1. Total leachate flow from the landfill was 1,079,315 gallons for December, and average daily flow was 34,817 gallons/day. All of the leachate flowed directly to the local wastewater treatment plant.
2. As of January 16, approximately 416,569 gallons of leachate have been pumped from PS-6R and sent to the local waste treatment plant.
3. As of January 16, approximately 2,519,970 gallons of leachate have been pumped to PS-1 from the recovered PS-6 riser.
4. As of January 16, the total amount of leachate pumped from PS-6 and PS-6R since the March 12, 2013, slide is approximately 2,936,539 gallons.

F. Site Observations:

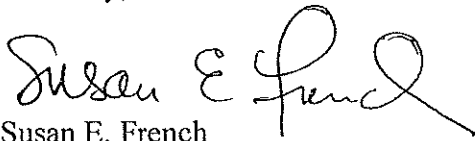
1. Litter – No issues observed.
2. Odor – No offsite odors were detected in a drive around the perimeter of the site prior to this meeting.
3. Daily cover – No issues observed.
4. Intermediate cover – No issues observed.
5. Posi-Shell Areas – Posi-Shell is being sprayed on excavation areas at the end of daily operations to contain potential odors. It has also been sprayed on the top slope above the Phase I excavation area as needed. No issues observed.
6. Industrial Drive – The road was reopened by the Township on December 26, 2013, following a favorable report by Chrin's consultants on the conditions of the slide area nearby.
7. Waste Removal Operations – On the day of our visit, excavation work was going on exclusively in the Phase III area, as has been the case in recent weeks. As of December 23, the following approximate amounts of waste have been excavated and transferred from the areas identified in the Interim Stabilization Plan: Phase I area, 108,248 cu. yds.; Phase II area, 30,425 cu. yds.; Phase III area, 44,615 cu. yds.; and Phase IV area, 31,175 cu. yds. The total for all areas as of December 23 is 214,463 cu. yds. The amount excavated between November 26 and December 23 was approximately 15,598 cu. yds., all of it from Phase III and IV areas.
8. Stormwater Controls – No issues observed.

G. Miscellaneous:

Enclosed as part of this Report is the monthly Engineer's Report Summary from Chrin Landfill for December, 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/enclosure)
Ms. Jennifer Smethers, Williams Township Manager (w/enclosure)
Mr. Rich Adams, Williams Township (w/enclosure) ✓
Mr. Timothy Edinger, T&M Associates (w/enclosure)



CHRIN BROTHERS, INC.

**CHRIN BROTHERS SANITARY LANDFILL
ENGINEER'S REPORT SUMMARY
For December 2013**

Date: January 16, 2014

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>26</u>
b. Number of Trucks Rejected Due to Overweight	<u>0</u>

4. Leachate Management:

a. Total Leachate Flow from Combination Sumps/Gravity	<u>1,079,315</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>9.1</u>	g/a/d
ii. WZ6	<u>NA</u>	g/a/d
d. Average Daily Flow	<u>34,817</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>11/1/2013</u>
b. Groundwater Treatment Monthly Report	<u>11/1/2013</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.

³ **PS-6 pump / risers were found in the slide area. The pump is operational. This added extra flow to the month as Chrin pumped down to normal levels.**