



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST REGIONAL OFFICE



September 28, 2012

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

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

*George  
Vince  
Sally  
Jen  
Rick  
Joe  
LTC*

Dear Mr. Chrin:

This Engineer's Status Report is for the month of August. 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, September 20, 2012.

## 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 on July 24 and was approved on August 23. A construction certification for the Stage 7 high wall, Increment 2 protective cover was received on August 9 and was approved on August 23. A construction certification for Stage 7 protective cover, southeast section, was received on September 11 and was approved on September 24.
3. A construction certification for the relocation of leachate storage tank #1 was received on September 26 and is under review.

## B. Construction Schedule:

1. Working face is currently in Stage 7. 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 reassembly was completed.

## C. Groundwater:

1. Monitoring 16 groundwater wells and 3 abatement wells.

**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 the date of our meeting, Flare 3 was operating at 850 scfm and 1670°F; flow to PPL was 1238 scfm.

**E. Leachate Management:**

Total leachate flow was 603,971 gallons for August, and average daily flow was 19,463 gallons/day. All of the leachate flowed directly to the local wastewater treatment plant.

**F. Site Observations:**

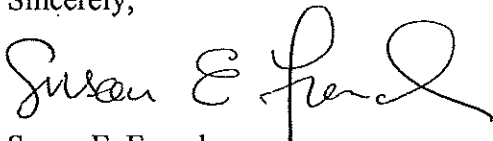
1. Litter – No issues observed.
2. Odor – No offsite odors were detected in a drive around the perimeter of the site prior to this meeting.
3. Daily cover – No issues observed.
4. Intermediate cover – No issues observed.

**G. Miscellaneous:**

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



CHRIN BROTHERS, INC.

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

Date: September 20, 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>24.5<sup>1</sup></u>	Acres
g. Number of Acres Constructed	<u>71.09<sup>2</sup></u>	Acres

**2. Radiation Monitoring:**

a. Number of Trucks that Tripped the Radiation Meter	<u>1</u>
b. Number of Trucks on Hold or Rejected	<u>0</u>

**3. Truck Safety & Overweight's:**

a. Number of Overweight Trucks	<u>15</u>
b. Number of Trucks Rejected Due to Overweight	<u>0</u>

**4. Leachate Management:**

a. Total Leachate Flow from Combination Sumps/Gravity	<u>603,971</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>3.8</u>	g/a/d
ii. WZ6	<u>7.7</u>	g/a/d
d. Average Daily Flow	<u>19,483</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>October</u>
b. Groundwater Treatment Monthly Report	<u>9/4/2012</u>

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

<sup>2</sup> This includes Stage 6-2's 0.6 acres installed in December.

