



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE

May 22, 2014

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

Dear Mr. Chrin:

This Engineer's Status Report is for the month of April. 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, May 15, 2014.

A. Pending Permit Applications:

1. A minor modification for the addition of two geocomposite manufacturers was received on April 29 and approved on May 19.

B. Construction Schedule:

1. Working face is currently in Stages 6 and 7. Average amount of waste accepted is approximately 700 tons/day. Waste from the excavation of the Stage 3D/3E slide area is being disposed of in Stages 1 and 2 behind the old office building. A separate road was constructed for this traffic which separates these trucks from regular inbound trucks.
2. The scale and offices at the western end of the property were in use as of April 25. New radiation monitors at the scale, both stationary and handheld, were ordered on May 9 to replace older equipment and will be installed/used as soon as received.
3. Stage 7 highwall Lift 6 construction is planned for later in the spring.
4. The old office building, now vacant, was cleared for demolition; an asbestos evaluation turned up no asbestos. Its demolition will be scheduled once the second scale is removed from the area. The scale will be sandblasted, painted, and installed next to the other one in the new location.

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MAY 27 2014

BY me

George
Vince
Ray
Jen
Rick
LAC

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 3 was operating at 772 scfm at 1675°F. Flow to PPL was 1200 scfm.

E. Leachate Management:

1. Total leachate flow from the landfill was 1,440,735 gallons for April, and average daily flow was 48,025 gallons/day. All of the leachate flowed directly to the local wastewater treatment plant.
2. As of May 16, approximately 559,254 gallons of leachate have been pumped from PS-6R.
3. As of May 16, approximately 4,814,800 gallons of leachate have been pumped to PS-1 from the recovered PS-6 riser.
4. As of May 16, the total amount of leachate pumped from PS-6 and PS-6R since the March 12, 2013, slide is approximately 5,374,054 gallons.

F. Site Observations:

1. Litter – No issues observed.
2. Odor – No issues observed.
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 – Open; no issues observed.
7. Waste Removal Operations – On the day of my visit, excavation work was going on the Phase III area. As of April 21, the following approximate total amounts of waste have been excavated and transferred from the areas identified in the Interim Stabilization Plan: Phase I area, 112,912 cu. yds.; Phase II area, 34,947 cu. yds.; Phase III area, 92,256 cu. yds.; and Phase IV area, 32,157 cu. yds. The total for all areas as of April 21 is 272,272 cu. yds. The amount excavated between March 24, 2014 and April 21, 2014 was approximately 5,454 cu. yds.

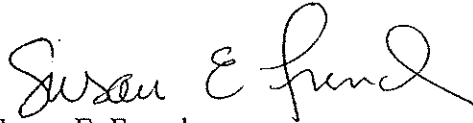
8. Stormwater Controls –No issues observed.

G. Miscellaneous:

Enclosed as part of this Report is the monthly Engineer's Report Summary from Chrin Landfill for April, 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
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 SANITARY LANDFILL
ENGINEER'S REPORT SUMMARY
For April 2014**

Date: May 15, 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>3</u>
b. Number of Trucks on Hold or Rejected	<u>0</u>

3. Truck Safety & Overweight's:

a. Number of Overweight Trucks	<u>24</u>
b. Number of Trucks Rejected Due to Overweight	<u>0</u>

4. Leachate Management:

a. Total Leachate Flow from Combination Sumps/Gravity	<u>1,440,735</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>9</u>	g/a/d
ii. WZ6	<u>NA</u>	g/a/d
d. Average Daily Flow	<u>48,025</u>	Gallons/Day
e. Leachate Hauled Off Site	<u>0</u>	Gallons

5. Leachate 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>6.6</u> ft. = <u>132000</u>	Gallons

6. Reports Submitted

a. Quarterly Progress Report	<u>4/15/2014</u>
b. Groundwater Treatment Monthly Report	<u>4/1/2014</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.