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OCT 24 2014

October 22, 2014

By ME

Chrin Brothers Sanitary Landfill, Inc.
c/o Mr. Greg Chrin
1225 Industrial Drive
Easton, PA 18042

George
Lince
Ray
Rick
Jen
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 September. 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 Friday, October 17, 2014.

A. Pending Permit Applications:

1. A minor permit modification was received on September 30 to reconstruct Stages 3D and 3E and is under review.

B. Construction Schedule:

1. Working face is currently in Stage 1, Cells E-4 through E-6. Average amount of waste accepted is approximately 700 tons/day.
2. New radiation monitors at the scale were installed on October 15. The Radiation Monitoring Plan is being updated.
3. Work on Phase I of the MSE berm is complete. Liner construction is anticipated for late September/early October. Phase II of berm construction may begin later in the year, depending on weather.
4. Stage 7 Highwall increment 7 construction was completed in August. A construction certification will be submitted in the next few weeks.

C. Groundwater:

1. The 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 60 scfm and 1070°F. Flare 3 was operating at 934 scfm and 1674°F. Flow to PPL was 1091 scfm.
2. The total gas collection system at this time consists of 135 vertical wells, 16 horizontal collectors, and 50 leachate cleanouts/perimeter drains, for a total of 201.

E. Leachate Management:

1. Total leachate flow from the landfill was 780,539 gallons for September, and average daily flow was 26,018 gallons/day. All of the leachate flowed directly to the local wastewater treatment plant.
2. Approximately 12,540 gallons of leachate were pumped in September from the vertical pumps (PS-6R).
3. There was no additional flow from the recovered PS-6 riser, referred to as the PS-6 primary. The PS-6 secondary flow, from the witness zone pump, was 153,246 gallons for September.
4. All flows from PS-6R, PS-6 primary and PS-6 secondary went to PS-1.

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 – Approximate waste excavation/relocation figures in the slide area as of the September 24 topographic survey are:
 - Phase I – Approximately 119,410 CY (100%+ complete)
 - Phase II – Approximately 37,135 CY (86% complete)
 - Phase III – Approximately 108,879 CY (49% complete)
 - Phase IV – Approximately 45,168 CY (85% complete)

Total estimated remaining waste to be removed is 343,669 CY, with a tentative completion date of March 2016. Remaining waste includes Stage 3D sump area, the area immediately above and east of the slide, and the western perimeter anchor trench area.

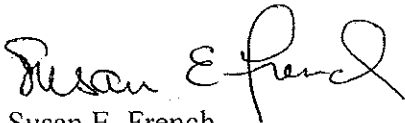
8. Stormwater Controls – No issues observed.

G. Miscellaneous:

Enclosed as part of this Report is the monthly Engineer's Report Summary from Chrin Landfill for September, 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 September 2014**

Date: October 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>35</u>
b. Number of Trucks Rejected Due to Overweight	<u>0</u>

4. Leachate Management:

a. Total Leachate Flow from Combination Sumps/Gravity	<u>780,539</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>5.5</u>	g/a/d
ii. WZ6	<u>NA</u>	g/a/d
d. Average Daily Flow	<u>26,018</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>6.3</u> ft. = <u>126,000</u>	Gallons

6. Reports Submitted

a. Quarterly Progress Report	<u>10/15/2014</u>
b. Groundwater Treatment Monthly Report	<u>10/1/2014</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.