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SEP 25 2015

September 23, 2015

By _____

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

George
Vince
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 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 17.

A. Pending Permit Applications:

1. A minor permit modification was received on September 30, 2014, to reconstruct Stages 3D and 3E and is under review.
2. A major permit modification was submitted on July 13 for the eastern site expansion.

B. Construction Schedule:

1. Working face is currently in Stage 7. Average amount of waste accepted is approximately 800-900 tons/day.
2. Work on the MSE berm at Stage 8 has stopped, but will resume again in about two weeks.

C. Groundwater:

1. The monitoring plan includes 18 groundwater wells and 3 abatement wells.

D. Gas Management:

1. At the time of our meeting, Flare 1 was operating at 33 scfm and 598°F. Flare 3 was operating at 719 scfm and 1675°F. PPL flow was 1122 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.
3. The gas field has been evaluated, resulting in a recommendation that about nine new wells be installed this year.

E. Leachate Management:

1. Total leachate flow from the landfill was 972,053 gallons for August, and average daily flow was 31,357 gallons/day. All of the leachate flowed directly to the local wastewater treatment plant.
2. The PS-6 secondary flow, from the witness zone pump, was 212,920 gallons for August. Approximately 119 gallons of leachate were pumped in August from the three vertical pumps (PS-6R).
3. All flows from PS-6 and PS-6R went to PS-1.

F. Site Observations:

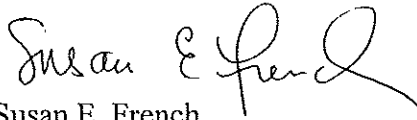
1. Litter – No issues observed.
2. Odor – No issues observed.
3. Daily cover – No issues observed.
4. Intermediate cover – No issues observed.
5. Posi-Shell[®] Areas – No issues observed.
6. Industrial Drive – Open; no issues observed.
7. Waste Removal Operations – Work continues in the slide area. One excavator and two trucks were being used during the time of our visit. Waste from the slide area is being disposed in Stage 6-2. Approximate total waste excavation/relocation figures in the slide area as of the August 28, 2015, topographic survey are:
 - Phase I – Approximately 120,100 CY (100%+ complete)(no change)
 - Phase II – Approximately 39,220 CY (91% complete)(no change)
 - Phase III – Approximately 145,550 CY (65% complete)
 - Phase IV – Approximately 50,760 CY (96% complete)(no change)
 - Phase V – Approximately 3,250 CY (1% complete)For August, about 8,700 CY were removed, from the Phase III and V 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 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,

A handwritten signature in cursive script that reads "Susan E. French". The signature is written in black ink and is positioned above the printed name.

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 August 2015**

Date: September 17, 2015

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>4</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>972,053</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>8.4</u>	g/a/d
ii. WZ6	<u>NA</u>	g/a/d
d. Average Daily Flow	<u>31,357</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>2.8</u> ft. = <u>56,000</u>	³ Gallons

6. Reports Submitted

a. Quarterly Progress Report	<u>7/13/2015</u>
b. Groundwater Treatment Monthly Report	<u>8/3/2015</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 Increases due to snow melt