

Unmailed 2.5.21

Mark
Mike
Ray
Mikal
Chrin
D&P JBlack

Inspection Checklist for Host Municipality Inspectors

**for
MUNICIPAL WASTE LANDFILLS**



Inspector Name: **Joseph Black**

Inspection Date: 01/28/2021
Start Time: 11:15AM
Finish Time: 1:45PM

Facility/Address: **Chrin Brothers Sanitary Landfill, 1225 Industrial Drive, Easton, PA 18042 (Williams Township)**

Facility Contact(s)/Phone Number(s): **Joe Klobusicky 484-221-4626 and Greg Chrin; 610-258-8737**

DAILY OPERATION REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
1) Trucks using designated roads/approved parking areas per permit	X				
2) Operations conducted during permitted operating hours	X				
3) Access controlled per plan	X				Facility is fenced with locks for gates
4) Access road(s) maintained (erosion, dust, litter, mud etc.) per plan	X				
5) Waste measured according to approved plan	X				Certified vehicle scales are utilized
6) Vehicles directed promptly to unloading area	X				, Stage 3D and 3E
7) Vehicles promptly unloaded	X				
8) Inspection procedures implemented for prohibited wastes per plan	X				
9) No unapproved wastes	X				
10) Solid waste spread and compacted into layers per plan	X				
11) Procedures followed within 1 st 8 ft. to protect liner/protective cover	X				Spotters in place
12) No waste <25 ft. from edge of liner, 4 ft. berm, edge marked, etc.				X	
13) Procedures followed for special handling and residual wastes				X	
14) No open burning	X				
15) Fugitive dust emissions minimized and controlled per plan	X				
16) Vectors minimized and controlled per plan	X				
17) Odors minimized and controlled per plan	X				Line Sprayers and 2 Mister Trucks.
18) Other nuisances minimized and controlled per plan	X				None
19) Litter minimized and controlled per plan	X				
20) Daily waste acceptance < average 1,500 tons Maximum daily vol.	X				Approx. 690 tpd currently
21) Radiation monitoring system operational	X				
22) Radiation protection action plan followed as appropriate				X	
23) Approved daily cover used at end of day or within 24 hours				X	
24) Vegetation established and maintained per plan	X				
25) Surface and groundwater pollution discharges prevented/controlled				X	
26) Water treatment facilities operated and maintained				X	
27) Soil and erosion control BMPs are maintained per plan				X	
28) Sedimentation and discharge structures operated and maintained				X	
29) Flow from leachate collection system monitored daily				X	
30) Leachate treatment facilities operated and maintained	X				
31) Landfill gas controlled per plan	X				
32) Daily operational records being made and maintained (i.e. waste received, problems, violations, rejected loads, radioactive mat., overweight trucks, etc.)	X				80 trucks in Sept....overweight no rejections
33) Cost effective recyclable materials are being salvaged			X		
34) Salvaged materials are stored in an approved area			X		
35) Recyclable materials collection center maintained	X				
36) No immediate threats to public health and safety	X				

* Arrival time at site NA = Not Applicable ND = Not Determined

Note: Inspection participants

Inspector Signature: **Joseph Black**

Date: 01/28/2021

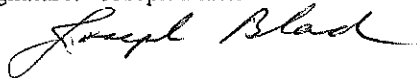
DESIGN and CONSTRUCTION REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
37) Proper signs posted (Identify facility and recycling drop-off center)	X				
38) Grid coordinate system and permit areas clearly marked				X	
39) Site perimeter clearly marked	X				
40) Perimeter fences and barriers in place and maintained	X				
41) Access roads properly designed and constructed per plan					
42) Scale conforms with Consolidated Weights and Measures Act	X				
43) Adequate equipment on-site and stand-by equipment available	X				
44) Fences or other barriers to control litter are constructed per plan				X	Plans previously approved by DEP
45) Radiation monitoring system constructed per plan	X				Plans previously approved by DEP
46) Daily and intermediate cover material conforms with plan				X	Plans previously approved by DEP
47) Final cover conforms with plan				X	Plans previously approved by DEP
48) Soil and erosion control BMPs implemented per plan				X	
49) Sedimentation ponds constructed per plan					Plans previously approved by DEP
50) Discharge structures constructed per plan				X	Plans previously approved by DEP
51) Subbase constructed according to regulations				X	Plans previously approved by DEP
52) Secondary liner constructed per regulations and approved plan				X	Plans previously approved by DEP
53) Leachate detection system installed per regulations				X	Plans previously approved by DEP
54) Primary liner constructed per regulations and approved plans				X	Plans previously approved by DEP
55) Protective cover constructed per regulations				X	Plans previously approved by DEP
56) Leachate collection system installed according to regulations				X	Plans previously approved by DEP
57) Leachate storage impoundments constructed per regulations				X	Connected to city sewer
58) Leachate treatment system constructed per plans				X	Plans previously approved by DEP
59) Wastewater treatment equipment constructed per <u>discharge</u> permit				X	Plans previously approved by DEP
60) Groundwater monitoring wells installed per plan				X	Plans previously approved by DEP
61) Landfill gas collection and destruction system constructed per plan				X	Plans previously approved by DEP
62) Air pollution control equipment constructed per <u>air</u> permit				X	Plans previously approved by DEP
63) Emergency equipment available per regulations and plan	X				
64) Recyclable materials collection center established per plan	X				
MONITORING and RECORDKEEPING REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
65) Flow from leachate <u>detection</u> system monitored weekly	X				
66) Potential for offsite odors inspected on a regular and frequent basis	X				
67) Liquid from leachate <u>detection</u> system analyzed quarterly	X				Q1 JAN.19,20,21
68) Liquid from leachate <u>collection</u> system analyzed quarterly	X				
69) Wastewater discharge analyzed per <u>discharge</u> permit (if applicable)	X				
70) Wastewater discharge complies with <u>discharge</u> permit limits	X				
71) Groundwater monitored and analyzed quarterly	X				Q1 JAN>19,20,21
72) Landfill gas levels monitored quarterly	X				
73) Combustible gas levels not exceeded	X				
74) Recovered gas and condensate analyzed annually	X				Sampled Apr 10,2020
REPORTING REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES

75) Plan submitted if <i>detected</i> leachate > 100 gal/acre/day			X		
76) Remedial plan submitted if <i>detected</i> leachate could degrade GW			X		
77) Wastewater discharge reported as required by <i>discharge</i> permit	X				
78) Groundwater monitoring results reported quarterly	X				Q1 JAN.21
79) Groundwater assessment plan submitted if groundwater degraded			X		
80) Abatement plan submitted if groundwater exceeds Act 2 standards			X		
81) Public notice on recyclable materials collection center provided 2/yr.	X				1 st – January 2, 2018
82) Quarterly Operation report submitted as required	X				Q4 2020-01/12/2021
83) Annual Operation report submitted as required	X			X	June 2020

NA = Not Applicable ND = Not Determined

Inspector Signature: Joseph Black

Date: 01/28/2021



Facility/Address: **Chrin Brothers Sanitary Landfill, 1225 Industrial Drive, Easton, PA 18042 JAN.28,2021**

Weather Data: Weather data:

Sky Condition: Rain Temp: 30 Wind Chill: N/A
 Dew Point: Humidity: 45% Winds SE 17 Gusting: NO Barometer: 30.14%
 Flare Note: Temperatures from Chrin's Title V Permit (**see comments)

Flare Data Recordings	Chrin Flare #1	EPP	Chrin Flare #3	Chrin Flare #4
**See Flare Note above	Utility Flare			
Capacity (cfm)	1200		2500	2500
Current Temp. (°F)	Not Operating		1700	
Flow (cfm) @ Temp. (°F)	Not Operating	810	860	

Inspection Observations / Comments;

Contact: Tom McGonigle

*Stage 3D/3E waste dump area in use

*Onsite odor control misters operating

Inspector Signature:

* No drive thru landfill

* Pre inspection odor patrol no odor off site detected

*New Gas Wells drilled in 3D area

xc: Township Supervisors via e-mail
 Mikal Sabatine, Williams Township Manager via e-mail
 WLAC via e mail
 Dean Ritter, PaDEP-Bethlehem, via e-mail
 Joe Klobusicky, Chrin Brothers Landfill, via e-mail