

BOS
J. Black
Chr
DEP

Inspection Checklist for Host Municipality Inspectors

for
MUNICIPAL WASTE LANDFILLS



Inspector Name: **Joseph Black**

Inspection Date: 05/22/2024
Start Time: 11:00AM
Finish Time 1:00PM

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 9A-B |
| 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 1st 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 | | | | |
| 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.479 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 | | | | 81 trucks in March.....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 05/22/2024

| 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 <i>discharge</i> 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 <i>air</i> 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 <i>detection</i> system monitored weekly | X | | | | |
| 66) Potential for offsite odors inspected on a regular and frequent basis | X | | | | |
| 67) Liquid from leachate detection system analyzed quarterly | X | | | | Q2 APR.16,17&18 |
| 68) Liquid from leachate <i>collection</i> system analyzed quarterly | X | | | | |
| 69) Wastewater discharge analyzed per <i>discharge</i> permit (if applicable) | X | | | | |
| 70) Wastewater discharge complies with <i>discharge</i> permit limits | X | | | | |
| 71) Groundwater monitored and analyzed quarterly | X | | | | Q2 APR.16,17&18 |
| 72) Landfill gas levels monitored quarterly | X | | | | |
| 73) Combustible gas levels not exceeded | X | | | | |
| 74) Recovered gas and condensate analyzed annually | X | | | | N/A |
| 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 | | | | Q2 APR.16,17&18 |
| 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 | | | | Q1, APR.24 |
| 83) Annual Operation report submitted as required | X | | | X | June 2021 |

NA = Not Applicable ND = Not Determined

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Facility/Address: **Chrin Brothers Sanitary Landfill, 1225 Industrial Drive, Easton, PA 18042 MAY,22 2024**

Weather Data: Weather data:

Sky Condition: Clear Temp: 84 Wind Chill: N/A
 Dew Point: Humidity: 57% Wind S 5 MPH Gusting: NO Barometer: 29.97

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 | 0 |
| Flow (cfm) @ Temp. (°F) | Not Operating | 0 | 1830 | 0 |

Inspection Observations / Comments;

Contact: Tom McGonigle

- *Stage 9A-B dump area in use * Flare #3 in operation
- *Onsite odor control mister working * Pre and post inspection odor patrol, no Pre Odor Patrol Inspection no odor off site on post patrol detected *Matthew Glogowski DEP AT meetin and inspection.
- * Area 3-c Cap cell E-1-3 completed

Inspector Signature: 

Xc: Township Supervisors Via E-mail
 Melody Ernst Williams Twsp. Manager via e-mail
 WLAC via-e mail
 Dean Ritter PaDEP Bethlehem via-mail
 Tom McGonigle via e-mail