

## Municipal Waste Landfill Inspection Report

<b>Permit Number</b>	100022	<b>EPA ID Number</b>	----
<b>Facility Name</b>	CHRIN BROS SANI LDFL	<b>Operator Name</b>	CHRIN BROS INC
<b>Address</b>	1225 INDUSTRIAL DR	<b>Address</b>	1225 INDUSTRIAL DR
<b>City/State/Zip</b>	EASTON PA 18042-6829	<b>City/State/Zip</b>	EASTON PA 18042-6829
<b>Municipality</b>	Williams Township	<b>County</b>	Northampton
<b>Responsible Official</b>	Gregory Chrin	<b>Title</b>	Owner/ Operator
<b>Person Interviewed</b>	Joseph Klobusicky	<b>Title</b>	Environmental Manager
		<b>Telephone #</b>	1
<b>Lead Inspector</b>	AMY E FAULCH	<b>Title</b>	SLD WSTE SUPV
<b>Site ID</b>	238053	<b>Client ID</b>	42952
<b>PF ID</b>	240650	<b>SF ID</b>	201820
<b>Inspection Start Date</b>	08/23/2024 11:37 AM	<b>Inspection End Date</b>	08/23/2024 01:00 PM
<b>Inspection Type</b>	RTNC - Routine/Complete Inspection	<b>Inspection Result</b>	No Violations Noted
<b>Permit Expiration Date</b>	01/06/2030	<b>Days/Week Operated</b>	6
		<b>Max. Daily Volume</b>	2000 Tons/Day

### Check Lists

<b>Municipal Waste Landfill (0131)</b>			
Status	Requirement	Chapter Citation	Line Item
<b>GENERAL PROVISIONS</b>			
No Violation	Required insurance in effect	271.371	1
	(expiration date) 12/01/2024		1A
No Violation	Operation in accordance with approved plans and permit.	273.201(c)(2)	2
No Violation	Operation within permit boundaries (vertical and horizontal).	273.201(c)(2)	3
No Violation	Disposal Timing and sequence as per Section 273.112(1).	273.201(c)(2)	4
No Violation	No unapproved wastes or liquids.	273.201(d)-(m)	5

No Violation	Isolation distances are adhered to.	273.202(a)	6
No Violation	Facilities certification requirements followed.	273.203(a), (b)	7
No Violation	Written Department approval of new construction prior to waste disposal.	273.203(c)	8
<b>DAILY OPERATIONS</b>			
No Violation	Proper signs posted.	273.211(a)	9
No Violation	Site perimeter clearly marked and grid coordinate system in use.	273.211(b)-(d)	10
No Violation	Proper barriers installed around site and access controlled when attendant not present.	273.212(a)-(i)	11
No Violation	Access roads maintained and negotiable by collection vehicles.	273.213(a)-(i)	12
No Violation	Approved means of measuring and inspected waste utilized. Remark: Weighmaster licenses are up to date. Chrin recorded 42 overweight vehicles in July and 42 overweight vehicles in August 2024.	273.214(a), (b)	13
No Violation	Adequate equipment on-site and stand-by equipment available.	273.215(a), (b)	14
No Violation	Vehicles directed promptly to unloading area and promptly unloaded.	273.216(a), (b)	15
No Violation	Solid waste spread and compacted as approved by Department as part of permit.	273.216(c)	16
No Violation	Operator implements fugitive air contaminant control/measures and prevents and controls air pollution including no exceeding of ambient air quality standards, no open burning, and minimizing generation of fugitive dust emissions from facility.	273.217(a)	17
No Violation	Operator complies with Air Quality Plan approval and Air quality Operating Permit.	273.217(b)	18
No Violation	Operator does not cause or allow attraction, harborage, or breeding of vector.	273.218(a)	19
No Violation	Operator implements nuisance minimization and control plan.	273.218(b)(1)	20

No Violation	Operator performs regular, frequent, and comprehensive site inspections to reduce potential for offsite odors.	273.218(b)(2)	21
No Violation	Operator promptly addresses and correct problems and deficiencies discovered during inspections.	273.218(b)(3)	22
No Violation	Operator implements nuisance minimization and control plan to minimize and control other conditions harmful to the environment or public health, or which create safety hazards, odors, dirt, noise, unsightliness and other public nuisances. Remark: Chrin's daily odor patrol and nuisance load logs were reviewed. Chrin was operating their perimeter line misters and spray bar misters near the working face. Chrin's odor patrols and odor control measures appear to be following their nuisance minimization and control plan.	273.218(c)	23
No Violation	Operator does not receive solid waste at a landfill in excess of the maximum or average daily volume approved in the permit. Remark: Daily tonnages were reviewed for July and August 2024. The greatest one-day tonnage in July was 696 tons on July 1, and the greatest one-day tonnage in August was 698 tons on August 19.	273.221(a)	24
No Violation	Operator implements radiation protection action plan.	273.223(a)	25
No Violation	Operator monitors incoming waste in accordance with Department's guidance or in a manner at least as protective of the environment, facility staff and public health and safety. Remark: Daily radiation source checks were reviewed. Chrin has had no radiation hits since the last inspection.	273.223(b)	26
No Violation	Radiation detector elements shall be as close as practical to wasteload and in appropriate geometry to monitor the waste.	273.223(c)	27
No Violation	Operator has portable radiation monitors capable of determining the dose rate and presence of contamination of a vehicle that has caused an alarm. Upon exceedance of alarm level, a radiological survey of the vehicle is performed.	273.223(d)	28

No Violation	Operator notifies Department immediately and isolates vehicle when radiation dose rates are exceeded.	273.223(e)	29
No Violation	Monitoring equipment is calibrated at frequency specified by manufacturer, but not less than once a year.	273.223(f)	30
No Violation	If radioactive material is detected, vehicle containing material shall not leave facility without written Department approval and an authorized federal Department of Transportation exemption form.	273.223(g)	31
No Violation	Uniform cover of the approved daily cover material is placed on exposed solid waste at the end of each working day or at the end of every 24 hours, whichever interval is less.	273.232(a)	32
No Violation	If intermediate cover requires revegetation, it is established within 30 days.	273.233(e)	33
No Violation	Slopes constructed during daily landfilling and intermediate cover activities may not exceed 50 percent.	273.233(f)	34
No Violation	Operator does not cause or allow waste pollution within or outside the site from operation of the facility.	273.241(a)-(c)	35
Not Applicable	Operator has restored or replaced adversely affected water supply with an alternative source of like quantity and quality.	273.245(a)	36
Not Applicable	Temporary water supply is provided within 48 hours.	273.245(b)	37
Not Applicable	Permanent water supply is provided within 90 days.	273.245(c)	38
No Violation	No waste 15 feet of inside top of the lined perimeter berm.	273.252(e)	39
No Violation	Lined perimeter berm 4 ft. high constructed and maintained along edge of the lined disposal area.	273.252(f)	40
No Violation	Edge of liner clearly marked.	273.252(g)	41
Not Applicable	Alternate leachate recirculation method may be used if approved if one of the liner systems is a composite liner.	273.274(b)	42

No Violation	Underground pipes used to transport leachate to leachate storage impoundments or tanks equipped with secondary containment or comply with 245.445.	273.275(g)	43
Not Applicable	Operator isolates coal seams, coal outcrops and coal refuse from waste deposits to prevent combustion of waste and damage to liner.	273.291(a)	44
Not Applicable	Mine openings within site sealed as approved by Department.	273.291(b)	45
Not Applicable	Operator implements plan for controlling potential damage from subsidence submitted and approved under 273.120.	273.291(c)	46
No Violation	Landfill designed, constructed, maintained and operated to prevent and minimize potential for fire, explosion, or release of solid waste constituents into air, water, or soil of the Commonwealth.	273.301	47
No Violation	Emergency equipment including portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment available. For fire equipment requiring water, facility has a water supply of or adequate quantity and pressure to supply the equipment.	273.302(a)	48
No Violation	Emergency equipment tested and maintained.	273.302(c)	49
No Violation	Adequate space maintained to allow unobstructed movement of emergency personnel and equipment.	273.302(d)	50
No Violation	Litter controlled/collected and barriers/fences in place.	273.220(a)-(c)	51
<b>COVER/SLOPES/REVEGETATION</b>			
No Violation	Daily/intermediate cover meets performance and design requirements.	273.232(b), 273.233(b), (c)	52
No Violation	Minimum 5 day supply of daily and intermediate cover maintained on-site.	273.232(c) & 273.233(d)	53
No Violation	Intermediate cover applied within time limits.	273.233(a)	54
No Violation	Intermediate slopes do not exceed 50%.	273.232(d)	55
No Violation	Cap placed over entire surface of final lift meets performance standards.	273.234(a)(1)	56

No Violation	Final cover meets performance and design requirements; applied within time limits.	273.234(b)-(e)	57
No Violation	Final slopes stable and erosion controlled.	273.234(f)	58
No Violation	Final slopes graded 3-15% or terraced to 33% as approved.	273.234(g)	59
No Violation	Minimum revegetation and successful revegetation requirements adhered to.	273.235(a)-(e) & 273.236(a), (b)	60
<b>WATER QUALITY PROTECTION</b>			
No Violation	Surface and groundwater treatment facilities properly operated and maintained.	273.241(b)	61
No Violation	Surface water percolation minimized/prevented.	273.242(b)(1) & 273.234(e) (4)	62
No Violation	Soil erosion and sedimentation controls designed and implemented as per approved plans; gullies over nine inches repaired.	273.242(a)-(c)	63
No Violation	Sedimentation ponds and discharge structures designed, constructed, operated, and maintained in accordance with Chapters 273, 102, and 105.	273.243(a)-(g) & 273.244	64
<b>LINER SYSTEM</b>			
No Violation	Liner system designed, constructed, operated, and maintained when required.	273.251(a), (b)	65
No Violation	Edge of liner requirements adhered to (i.e., no waste within 25 feet of adjacent liner, 4 feet high lined berm, to prevent lateral escape of leachate, adequate spacing on inside of berm to collect stormwater and sediment).	273.252(d)	66
No Violation	Leachate detection zone monitored weekly.	273.255(c)	67
No Violation	Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	273.257(a)	68
No Violation	Protective cover meets minimum requirements and at least 18 inches thick.	273.257(b)	69
No Violation	Leachate collection system within protective cover meets minimum requirements.	273.258(a), (b)	70

No Violation	Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.	273.259(a)-(d)	71
No Violation	8 feet of select waste placed over protective cover.	273.260	73
<b>LEACHATE TREATMENT</b>			
No Violation	Leachate collected and handled through Department approved method(s).	273.272(a)-(c)	74
Not Applicable	Leachate transportation requirements adhered to.	273.273(a)-(c)	75
No Violation	Cessation of site operation if alternate leachate handling not available.	273.273(d)	76
Not Applicable	Leachate treatment system permitted and fully operational at least 3 years before closure.	273.273(e)	77
Not Applicable	Leachate recirculation in accordance with regulations.	273.274(1)-(4)	78
No Violation	Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	273.275(a)-(f)	79
No Violation	Leachate flow rate measured daily; analyzed quarterly.	273.276(a)-(b)	80
No Violation	Department notified when remedial action(s) required.	273.277(1)-(4)	81
<b>WATER QUALITY MONITORING</b>			
No Violation	Approved monitoring system installed and maintained.	273.281(a), (b) & 273.283	82
No Violation	Quarterly and annual monitoring requirements adhered to and results submitted Department within time constraints.	273.284 & 273.285	83
No Violation	Groundwater assessment plan submitted and implement as required.	273.286(a)-(g)	84
No Violation	Groundwater abatement plan submitted and implemented as required.	273.287(a)-(f)	85
<b>RECORDKEEPING AND REPORTING</b>			
No Violation	Operational records maintained, available and submitted as required.	273.288 & 273.311-273.313	86

No Violation	Daily Operational Records kept in accordance with regulations for the life of the facility bond or longer if necessary.	273.311(d)	87
No Violation	Operator submits quarterly operation report.	273.312	88
No Violation	Operator submits annual operation report with fee.	273.313	89
<b>MINERALS AND GAS</b>			
No Violation	Gas venting and monitoring in accordance with approved plans.	273.292(a)-(d)	90
No Violation	Combustible gas levels not exceeded.	273.292(e)	91
No Violation	Forced gas venting if required.	273.292(f)	92
No Violation	Gas recovery conducted as per approved plan and §273.293, including annual analysis.	273.293(a), (b)	93
<b>EMERGENCY PROCEDURES</b>			
No Violation	Contingency plan implemented if there is an emergency.	273.303(a)-(c)	94
<b>RECYCLING</b>			
No Violation	Operator shall salvage and recycle waste in accord with recycling plan. (273.196)	273.331(a)	95
No Violation	Salvaging and recycling controlled by operator and prevents interference within operations and prevents health hazardous nuisance.	273.331(b)	96
No Violation	Salvaged materials stored in an approved area or transported offsite.	273.331(c)	97
No Violation	Drop off center established for at least three recyclables.	273.332(a)	98
No Violation	Drop off center properly located, contains bins or containers, open at least 8 hours per week and 4 hours during evenings or weekends.	273.332(b), (c)	99
No Violation	Approved public notice of availability of drop off center availability is provided.	273.332(d)	100
No Violation	On or before January 15 each year, operator informs municipality in writing of weight and type of materials recycled previous year.	273.332(e)	101



**SPECIAL HANDLING AND RESIDUAL WASTES**

No Violation	Special handling and residual wastes disposed with prior Department approval, and in accordance with permit and Chapter 273.	273.501	102
Not Applicable	Infectious waste disposal restrictions adhered to.	273.511(a)-(d)	103
Not Applicable	Chemotherapeutic waste disposal restrictions adhered to.	273.512	104
No Violation	Sewage sludge co-disposal and monofill requirements followed.	273.513	105
No Violation	Sewage sludge sampling requirements adhered to and sludge meets standards for control of pathogens, vectors, and odors.	273.513(c)	106
Not Applicable	Disposal of municipal waste incineration ash in landfill or landfill cell that meets Chapter 273 requirements.	273.514(a)	107
Not Applicable	Ash residue disposal in dedicated landfill or landfill cell unless co-disposal in accordance with Chapter 273 (including leachability treatment).	273.514(b)	108
Not Applicable	Ash residue covered immediately or as approved by the Department.	273.514(c)	109

**BONDING AND INSURANCE**

No Violation	Bond filed with Department.	271.312	110
No Violation	Bond maintained in an amount and with guarantees as required.	271.333(b)	111
	Bond amount \$		111A
	Phased deposit due date		111B
No Violation	Proof of a commercial policy of liability insurances submitted to the Department as specified by 271.374.	271.374	112
	Policy # GEC003617612		112A
	Insurer (company name) Greenwich Insurance Company		112B
	Expiration Date: 12/01/2024		112C

## Comments

---

On August 23, 2024, the PA Department of Environmental Protection (“Department”) conducted a routine complete inspection at Chrin Bros. Sanitary Landfill (“Chrin”). Representing the Department was Amy Faulch (“this inspector”). Joseph Klobusicky provided a site tour and was interviewed on behalf of Chrin. See the 8/23/24 odor patrol log for weather details.

The following Department personnel have entered the landfill since the last inspection on 7/17/24: A. Faulch and M. Glogowski on 7/17/24; M. Glogowski on 8/14/24; and A. Faulch on 8/23/24.

### SITE TOUR:

Prior to entering Chrin, this inspector conducted an odor patrol in the surrounding area. A very light, intermittent garbage odor was detected at the intersection of Morgan Hill Rd. And Industrial Dr. (which may have been from a passing waste truck). A moderate, intermittent sewage odor was detected near the sewage treatment plant. No other odors were detected during this patrol. See the 8/23/24 odor patrol log for details.

Upon entry into the landfill, this inspector observed the working face in Cell 9B. One truck was dumping at the working face. A moderate garbage odor was detected in the immediate working face area. Chrin’s perimeter line misters were running, as well as two spray bar misters near the working face, odor neutralizer was being sprayed on the working face.

Chrin is preparing to install temporary cap in the Cell 9A area. Waste relocation is continuing at the top western slopes, and excavated waste is being placed at the working face and for grading in the 3E area in preparation for final cap installation. The MSE wall construction is also continuing. Cleanout of the North sedimentation basin was almost complete at the time of this inspection. The truckwash was in use on the north access road.

Flare 3 was running at 1700°F and 1000 cfm, and Flare 4 was running at 1700°F and 1550 cfm. The refurbished engines for the gas-to-energy plant have been delivered Chrin.

### ODOR COMPLAINTS:

Since the last inspection report from 7/17/24 was issued on 7/24/24, the Department received one odor complaint. Odor patrols were conducted by the Department on 7/31/24 (efacts # 3805092), 8/9/24 (efacts # 3810961) and 8/23/24 (efacts # 3818808).

## Check List Comments

---

**Line Item 13** - Approved means of measuring and inspected waste utilized.

**Remark:** Weighmaster licenses are up to date. Chrin recorded 42 overweight vehicles in July and 42 overweight vehicles in August 2024.

**Line Item 23** - Operator implements nuisance minimization and control plan to minimize and control other conditions harmful to the environment or public health, or which create safety hazards, odors, dirt, noise, unsightliness and other public nuisances.

**Remark:** Chrin's daily odor patrol and nuisance load logs were reviewed. Chrin was operating their perimeter line misters and spray bar misters near the working face. Chrin's odor patrols and odor control measures appear to be following their nuisance minimization and control plan.

**Line Item 24** - Operator does not receive solid waste at a landfill in excess of the maximum or average daily volume approved in the permit.

**Remark:** Daily tonnages were reviewed for July and August 2024. The greatest one-day tonnage in July was 696 tons on July 1, and the greatest one-day tonnage in August was 698 tons on August 19.

**Line Item 26** - Operator monitors incoming waste in accordance with Department's guidance or in a manner at least as protective of the environment, facility staff and public health and safety.

**Remark:** Daily radiation source checks were reviewed. Chrin has had no radiation hits since the last inspection.

### Inspection Report Signature Page

**This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either Violations noted herein, or other violations identified as a result of review of laboratory analyses. This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein. Signature by the persons interviewed does not necessarily imply concurrence with the findings of this report, but does acknowledge that the person was shown the report or that a copy was left with the person.**

### Signatures

<b>Person Interviewed</b>	Unable To Obtain Reason: Sent to facility via email	<b>Date</b>	--/------
<b>Inspector</b>		<b>Date</b>	09/06/2024

Investigator: A. FaulchDate: 7/31/24CASE: Chrin LandfillWeather Conditions: Mostly Cloudy, 84°F, wind SW @ 8 mph, 63% H.

## ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
				EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
I-78	1255	N			
MHRx Industrial	1258	N			
Cedarville	1259	N			
Knollwood	1301	N			
Auburn	1302	N			
Sewage Trt. Plant	1304	SL	1	S	very light sewage odor
Congressional	1307	N			
Clubhouse	1308	N			
Tumberly	1309	N			
Merion	1310	N			
Water Tower	1311	N			
Clubhouse	1312	N			
Pinehurst	1313	N			
Pine Valley	1314	N			
Bethpage	1316	N			
Waterford	1317	N			
Preswick	1317	N			
Old Course	1318	N			

eFACTS # 3805092

Investigator: A. FawlichDate: 7/31/24CASE: Chris Landfill

Weather Conditions: \_\_\_\_\_

## ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
				EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
St. Andrews	1318	N			
Oak Hill	1319	N			
Clubhouse	1320	N			
Spring Valley	1321	N			
Mt. Top	1325	N			
Waltman Loop	1325	N			
Morgan Hill Rd	1326	SL	1	G	very light garbage odor @ hairpin turn
MHRx Industrial	1328	N			
Industrial	1328	N			
Morrabe	1332	N			
Morgan Hill Rd	1336	N			garbage odor gone

Investigator: A. FaulchDate: 8/9/24CASE: Chrin LandfillWeather Conditions: Cloudy, 80°F, wind SSE @ 16 mph, 78% H.

## ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
				EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
1-78	1240	SL	1	LFG	eFACTS # 3810961 light gas odor on 1-78 ramp
MHRx Industrial	1243	N			
Cedarville	1244	N			
Knollwood	1247	N			
Auburn	1248	N			
Sewage Trt. Plant	1250	M	1	S	sewage odor near STP
Congressional	1253	N			
Clubhouse	1254	N			
Turnberry	1255	N			
Water Tower	1256	N			
Clubhouse	1300	N			
Pinehurst	1302	N			
Pine Valley	1303	N			
Bethpage	1304	N			
Waterford	1305	N			
Prestwick	1305	N			
Old Course	1306	N			
St. Andrews	1306				

Investigator: A. Faulch

Date: 8/9/24

CASE: Chrm Landfill

Weather Conditions: \_\_\_\_\_

**ODOR PATROL SURVEY**

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
				EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
Oak Hill	1307	N			
Spring Valley	1308	N			
Mt Top	1313	N			
Waltman Loop	1314	N			
MHR	1315	N			
Morvale	1315	N			
Industrial	1318	SL	I	LFG / G	very light LFG & garbage odor near MSE wall
MHR	1321	N			
Industrial Dr N	1323	N			
Hilton	1324	N			
MHR	1329	N			

Investigator: A. FaulchDate: 8/23/24CASE: Chrm LandfillWeather Conditions: Sunny, 75°F, wind w@ 1mph, 47% H.

## ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	COMMENTS & OBSERVATIONS
I-78	1137	N			
MHE Industrial	1139	SL	I	G	very light garbage odor - from passing truck?
Cedarville	1140	N			
Knollwood	1142	N			
Auburn	1143	N			
Sewage Trt Plant	1146	M	I	S	moderate sewage odor
Congressional	1149	N			
Clubhouse	1150	N			
Turnberry	1151	N			
Merton	1151	N			
Water Tower	1152	N			
Clubhouse	1156	N			
Pine valley	1158	N			
Bethpage	1200	N			
Waterford	1200	N			
Prestwick	1201	N			
Old Course	1201	N			
St Andrew	1202	N			



Investigator: A. Fenlch

Date: 8/23/24

CASE: Chrin Landfill  
**ODOR PATROL SURVEY**

Weather Conditions: \_\_\_\_\_

SURVEY LOCATION	TIME	ODOR INTENSITY	ODOR DURATION	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
		S = Strong M = Moderate SL = Slight N = None	P = Persistent I = Intermittent N = None	EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
Oak Hill	1203	N			
Clubhouse	1204	N			
Spring Valley	1205	N			
Mt Top	1211	N			
Waltman Loop	1212	N			
MHR	1213	N			
MHRx Industrial	1214	N			
Industrial	1215	N			
ENTERLANDFILL	1219				

~~32188~~<sup>16</sup>

## CHRIN ODOR COMPLAINT LOG (1225 Industrial Dr., Easton, PA 18042)

Date	Time	Address	Distance from Landfill (miles)	Weather Data (Allentown KABE) www.wunderground.com			Residence / Drive-by	Description / Notes	Gas Management Data					Date of Initial Response	Addressed in Insp Report Dated
				Skies	Temperature °F	Wind (out of)			Flare 1 (scfm)	Flare 3 (scfm)	Flare 4 (scfm)	PPL (scfm)	Total (scfm)		
01/25/24	17:20	Spring Valley Rd., Easton	0.970	50	East / Northeast 0-2 mph	Residence	Landfill odor is disgusting today. Make this stop.		1742				1742	01/30/24	01/30/24
02/01/24	9:43	Merion Ln., Easton	1.744	32	South / Southeast 1-3 mph	Residence	Last evening driving home from work the odor was very strong, approx. 8 out of 10 in strength. Odor encountered at home and while driving, right now and also last night.		1763				1763	2/16/24	02/16/24
02/17/24	21:00	Drive-by	NA	26	Northwest 1-7mph	Drive-by	Exiting the I-78, odor from Chrin was persistent and strong until about the gas station		1860				1860	02/23/24	02/16/24
02/21/24	11:29	Morgan Hill Rd., Easton	1.390	37	South / Southeast 2-7 mph	Residence	Terrible smell coming from the Chrin Bros Sanitary Landfill. The odor has been getting increasingly worse the past year. It occurs mostly in the morning, throughout the morning.		1800				1800	02/23/24	02/16/24
02/23/24	17:22	Eagle's Creek Ct., Easton	1.080	47	North / Northwest 0-1mph	Residence	Methane odor. Just noticed. At home.		1780				1780	03/22/24	03/29/24
03/05/24	20:45	I-78/ Morgan Hill Rd. (Drive-by)	NA	46	North / Northeast 1-3mph	Drive-by	Strong persistent gas from the offramp until the 3-way stop past the gas station		1800				1800	03/22/24	03/29/24
03/19/24	21:30	I-78 (Drive-by)	NA	39	West 1-5mph	Drive-by	Old garbage odor while driving on I-78		1860				1860	03/22/24	03/29/24
03/20/24	9:22	Morgan Hill Rd., Easton	1.390	40	South 1-3mph	Residence	Old garbage odor at home.		1860				1860	03/22/24	03/29/24
03/27/24	22:27	Freemansburg Ave., Bethlehem (Drive-by)	NA	44	South / Southwest 0-2mph	Drive-by	Strong odor for the past few days. The odor is heaviest in the area of southmont shopping plaza off of Freemansburg Ave by route 33. The odor smells odor smells like it is coming from the landfill.		1680				1680	03/29/24	03/29/24
04/04/24	8:03	Spring Valley Rd., Easton	0.970	38	Northwest 1-4mph	Residence	Obnoxious odor, going on for years. At home.		1694				1694	04/04/24	04/26/24
04/08/24	16:34	Pine Valley Ter., Easton	1.348	63	North / Northwest 1-3mph	Residence	It smells like the dump. Everyday. At home.		1816				1816	04/26/24	04/26/24
04/09/24	9:30	Chateau Ln., Easton	0.540	60	North / Northwest 1-5mph	Residence	Smells like hot garbage. Starting last night and currently this morning at 9:30 AM when opening the front door.		1824				1824	04/26/24	04/26/24
04/16/24	19:00	Pine Valley Ter., Easton	1.297	70	Northwest 1-8 mph	Residence	It is 7:00 PM and the Chrin landfill has stunk for the last 2 hours here, standing outside my home. The odor is really bad this evening.		1790				1790	04/26/24	04/26/24
05/22/24	8:48	Pheasant Run Court	4.100	74	South / Southeast 1-3mph	Residence	Air smells horrible from local landfills. Occurs often.		1830				1830	05/29/24	05/29/24
05/24/24	18:41	Pine Valley Ter., Easton	1.297	82	West 1-5mph	Residence	It's Friday night at 6:40 PM out for a walk on my street and the landfill smell is totally obnoxious once again.		1810				1810	05/29/24	05/29/24
06/10/24	10:45	Spring Valley Rd.	unknown	67	North / Northwest 3-5mph	unknown	Odor complaint called into Chrin. Chrin investigated on 6/10/24.				2000		2000	06/21/24	06/28/24
06/13/24	6:30	Merion Ln., Easton	1.744	57	West / Northwest 0-1mph	Residence	Odor complaint for Chrin Landfill. I first detected the odor at my home at 6:30 this morning. I went out just a few minutes ago (9:47 AM). The odor is still there. Not nearly as bad, but it's still an odor.				2150		2150	06/21/24	06/28/24
06/19/24	8:54	Winfield Terrace, Easton	2.530	76	Southwest 0-2mph	Residence	Every single morning for the past month, between the hours between 4AM and 9AM is a horrible smell of burning garbage. It's every single day. It has now increased to the evening hours as well like 6PM through the night. This started in November, in the evenings prior to bedtime and it seemed to only be on Sundays and Thursdays and now it's constant. The smell is foul and can't be good for anyone's health. I am only assuming it's coming from Chrin, who had the garbage company in Williams Township. Please help as this problem is a daily concern.				2150		2150	06/21/24	06/28/24
06/24/24	6:00	Spring Valley Rd., Easton	0.760	72	Northeast 1-2mph	Residence	Smells like rotten garbage. Encountered at 6:00 AM, at home.				2200		2200	06/28/24	06/28/24
08/13/24	8:38	Waltman Loop Ln., Easton	0.943	69	West 0-1mph	Residence	Odor of wet cardboard garbage, very strong smell. Occurring now, at home.					1700	1700	08/23/24	08/23/24

2024	Daily	Total Week	Month Average	Day	Total Month	Total Quarter
<b>August</b>						
1	524.6		524.6	1	524.6	14,078.2
2	560.9		542.8	2	1,085.5	14,639.1
3	81.2		388.9	3	1,166.7	14,720.3
4		<b>2,932.63</b>			1,166.7	14,720.3
5	685.8		463.1	4	1,852.5	15,406.1
6	580.9		486.7	5	2,433.4	15,987.0
7	498.1		488.6	6	2,931.5	16,485.1
8	495.2		489.5	7	3,426.7	16,980.3
9	547.5		496.8	8	3,974.2	17,527.8
10	115.6		454.4	9	4,089.8	17,643.4
11		<b>2,923.11</b>			4,089.8	17,643.4
12	607.5		469.7	10	4,697.3	18,250.9
13	596.8		481.3	11	5,294.1	18,847.7
14	616.3		492.5	12	5,910.4	19,464.0
15	536.8		495.9	13	6,447.2	20,000.8
16	514.1		497.2	14	6,961.3	20,514.9
17	92.2		470.2	15	7,053.5	20,607.1
18		<b>2,963.70</b>			7,053.5	20,607.1
19	698.1		484.5	16	7,751.6	21,305.2
20	670.3		495.4	17	8,421.9	21,975.5
21	567.3		499.4	18	8,989.2	22,542.8
22	640.0		506.8	19	9,629.2	23,182.8
23	629.2		512.9	20	10,258.4	23,812.0
24	97.5		493.1	21	10,355.9	23,909.5
25		<b>3,302.40</b>			10,355.9	23,909.5
26	611.7		498.5	22	10,967.6	24,521.2
27	578.9		502.0	23	11,546.5	25,100.1
28	533.9		503.4	24	12,080.4	25,634.0
29	584.6		506.6	25	12,665.0	26,218.6
30	625.2		511.2	26	13,290.2	26,843.8
31	93.9		495.7	27	13,384.1	26,937.7
<b>Month Total</b>						
<b>13,384.1</b>						

## Chrin Brothers Sanitary Landfill 2024 Leachate Flow Summary

### Leachate

Reading Date	Month	Reading	Monthly Flow	Gallons Per Day	GPD Per Acre	Quarterly Flows		
						Flow	Gal/Day	GPD/Ac
12/31/2023	DEC	1,136,658	1,136,658					
1/31/2024	JAN	1,600,669	464,011	14,968	142			
2/28/2024	FEB	2,843,929	1,243,260	44,402	420			
3/31/2024	MAR	4,203,072	1,359,143	43,843	415	3,066,414	34,071	323
4/30/2024	APR	5,482,438	1,279,366	42,646	404			
5/31/2024	MAY	1,563,207	968,900	31,255	296			
6/30/2024	JUN	2,226,850	663,643	22,121	209	2,911,909	31,999	303
7/31/2024	JUL	764,407	663,137	21,392	203			
8/31/2024	AUG	616,312	612,528	19,759	187			
9/30/2024	SEP	0	-616,312	-20,544	-195	659,353	7,167	68
10/31/2024	OCT	0	0	0	0			
11/30/2024	NOV	0	0	0	0			
12/31/2024	DEC	0	0	0	0	0	0	0
Total Yearly Flow			7,774,334	21,300	202			

1. There are 105.6 acres of area contributing to the leachate flows, 30 acres of the old unlined landfill and 75.6 acres of lined landfill.
2. Chrin changed flowmeters and the sewer discharge location to MH-2 on April 7, 2014.

2024	Daily	Total Week	Month Average	Day	Total Month	Total Month
<b>July</b>						
1	696.4		696.4	1	696.4	696.4
2	623.9		660.2	2	1,320.3	1,320.3
3	632.0		650.8	3	1,952.3	1,952.3
4	Holiday		488.1	4	1,952.3	1,952.3
5	671.5		390.5	5	1,952.3	2,623.8
6	231.8		437.3	6	2,623.8	2,855.6
7		2,855.55			2,855.6	2,855.6
8	628.8		407.9	7	2,855.6	3,484.4
9	614.0		435.5	8	3,484.4	4,098.4
10	580.4		455.4	9	4,098.4	4,678.8
11	530.1		467.9	10	4,678.8	5,208.9
12	517.5		473.5	11	5,208.9	5,726.4
13	107.6		477.2	12	5,726.4	5,834.0
14		2,978.40			5,834.0	5,834.0
15	569.6		448.8	13	5,834.0	6,403.6
16	611.8		457.4	14	6,403.6	7,015.4
17	504.7		467.7	15	7,015.4	7,520.1
18	511.0		470.0	16	7,520.1	8,031.1
19	555.0		472.4	17	8,031.1	8,586.1
20	105.6		477.0	18	8,586.1	8,691.7
21		2,857.70			8,691.7	8,691.7
22	654.9		457.5	19	8,691.7	9,346.6
23	591.9		467.3	20	9,346.6	9,938.5
24	639.7		473.3	21	9,938.5	10,578.2
25	598.8		480.8	22	10,578.2	11,177.0
26	515.1		486.0	23	11,177.0	11,692.1
27	95.6		487.2	24	11,692.1	11,787.7
28		3,096.02			11,787.7	11,787.7
29	639.8		471.5	25	11,787.7	12,427.5
30	578.5		478.0	26	12,427.5	13,006.0
31	547.6		502.0	27	13,553.6	13,553.6
<b>Month Total</b>						
13,553.6						

## Faulch, Amy

---

**From:** Faulch, Amy  
**Sent:** Wednesday, July 24, 2024 8:16 AM  
**To:** Joe Klobusicky; Melody Ernst  
**Cc:** EP, NERO COMPLAINTS  
**Subject:** RE: [External] odor on Industrial Drive

Ok, thank you Joe.

I added our complaint email In case we get any complaints for Chrin: Pop's is right across the road from Chrin.

**Amy E. Faulch** | Solid Waste Supervisor  
Department of Environmental Protection | Waste Management  
Bethlehem District Office  
4530 Bath Pike | Bethlehem, PA 18017  
Phone: 610.861.2063  
[www.depweb.state.pa.us](http://www.depweb.state.pa.us)

**DEP is Going Paperless:** To assist DEP in reaching this goal, the NERO Waste Management Program is requesting that **ALL documents** submitted to the Northeast Regional Office Waste Management Program, with the exception of documents submitted through the ePermitting or OnBase applications, be submitted by email as an attachment to this resource account [ra-epwm-nero@pa.gov](mailto:ra-epwm-nero@pa.gov)

---

**From:** Joe Klobusicky <jklobusicky@chrin.org>  
**Sent:** Wednesday, July 24, 2024 8:14 AM  
**To:** Faulch, Amy <afaulch@pa.gov>; Melody Ernst <mernst@williamstwp.org>  
**Subject:** [External] odor on Industrial Drive  
**Importance:** High

**ATTENTION:** This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

FYI – Yeska is cleaning out he septic / grease traps at Pop's gas station / restaurant – there is a strong nasty odor right now, in case you get any calls.

Joe k

Electronic File Distribution:

Facility

Williams Township

R. Bellas/R. Miller

AQ: R. Mullin/ M. Bardzilouskas/C. Ostrowski

M. Glogowski

R. Malizia

A. Faulch

Chrin: Joseph Klobusicky

[jklobusicky@chrin.org](mailto:jklobusicky@chrin.org)

Williams Township: Melody Ernst

[mernst@williamstwp.org](mailto:mernst@williamstwp.org)