

## 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>Additional Personnel</b>	EDWARD MCNULTY	<b>Title</b>	SLD WSTE SPCST
<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>	11/25/2024 08:36 AM	<b>Inspection End Date</b>	11/25/2024 12:00 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

Municipal Waste Landfill (0131)			
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: Chrin recorded 44 overweight vehicles in November 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 patrols and nuisance load logs were reviewed. 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 November 2024. No exceedances of the 2000 ton daily limit were observed. The greatest one-day tonnage was 698 tons on 11/25/2024.	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 report was issued.	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. Remark: Leachate flow rate for November 2024 was 17,567 gallons per day.	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



<b>SPECIAL HANDLING AND RESIDUAL WASTES</b>			
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
<b>BONDING AND INSURANCE</b>			
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 November 25, 2024, the PA Department of Environmental Protection (“Department”) conducted a routine complete inspection at Chrin Bros. Sanitary Landfill (“Chrin”). Representing the Department were Amy Faulch (“this inspector”) and Ed McNulty. Joseph Klobusicky and Doug Glick provided a site tour and was interviewed on behalf of Chrin. See the 11/25/24 odor patrol log for weather details.

The following Department personnel have entered the landfill since the last inspection on 10/31/24: A. Faulch and E. McNulty on 10/31/24; M. Glogowski on 11/13/24.

#### SITE TOUR:

Prior to entering Chrin, this inspector conducted an odor patrol in the surrounding area. Light, intermittent garbage and gas landfill odors were detected along Industrial Dr. A light, intermittent wood burning odor was detected along Spring Valley Rd. No other odors were detected during this patrol. See the 11/25/24 odor patrol log for details.

Upon entry to the landfill, this inspector observed the working face in Cell 9B. Three trucks were unloading at the working face. A moderate garbage odor was detected in the working face area. Chrin’s perimeter line misters were in operation, and a hose with odor neutralizer was in use at the working face. Litter fencing was also observed to the southeast of the working face. An erosion rill was observed from the slope adjacent to the south access road just west of the narrows.

Chrin is preparing to install additional capping in 3D. The small southwest sedimentation basin on the tarragon property is now almost completely filled in as part of the site preparation work for Stage 12. A truck was in use along the north access road. Roads were recently watered for dust and mud control. Chrin’s weather station is currently down for repair.

Surface emission monitoring (SEM) was conducted using a TVA-2020 flame ionizing detector(FID) on the western and southwestern slopes of the landfill. Three readings over 500 ppm were detected at the following locations: GW-107 (5,000 ppm), GW-115 (1,000 ppm), an unmarked well near at header near EW-10 (3,000 ppm), a rill with some waste daylighting near the south access road (2,500 ppm) and the stormwater channel east of 3D (555 ppm). No other significantly elevated readings were detected although gas odors were detected in the areas near GW-111, the “Y-road”, stormwater channel south of GW-065, GW-139, the edge of 3D graded cover south of the unmarked well near the header, the rill with daylighted waste, and the stormwater channel east of 3D. Chrin conducted a 10-day follow-up of the areas with readings over 500 ppm, see attached.

Flare 3 was in operation at 1720°F and 1790 cfm.

#### ODOR COMPLAINTS:

Since the 10/31/24 inspection report was issued on 11/6/24, no odor complaints have been received. Odor patrols were conducted on 11/22/24 (efacts # 3873624) and 11/25/24 (efacts # 3874214).

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### Check List Comments

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

**Remark:** Chrin recorded 44 overweight vehicles in November 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 patrols and nuisance load logs were reviewed. 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 November 2024. No exceedances of the 2000 ton daily limit were observed. The greatest one-day tonnage was 698 tons on 11/25/2024.

**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 report was issued.

**Line Item 80** - Leachate flow rate measured daily; analyzed quarterly.

**Remark:** Leachate flow rate for November 2024 was 17,567 gallons per day.

### Inspection Report Signature Page

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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

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Person Interviewed    Unable To Obtain Reason: Sent to facility via email    Date    --/--/----

Inspector        Date    12/06/2024

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Surface Methane Monitoring  
Field Sheet



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

<b>Landfill</b>	Chrin	<b>Inspection Date</b>	11/25/24
<b>Specialist</b>	E. McNulty A. Fawcch	<b>Date Instrument was last calibrated</b>	11/25/24
<b>Background Location</b>	<del>Chrin</del>	<b>Background Value (FID Reading ppm)</b>	

Time	Location	FID Reading ppm	Comment
958	HW-1	8.0	
1000	GW-111	36.0	gas odor
1006	GW-198	3.5	
1008	GW-107	5,000	near gap in curtain @ bottom
1010	GW-115	1,000	@ base of well gas odor in area.
1016	Y- road	20	some gas odor
1020	Rill on S. Access Rd	10	
1022	stormwater culvert on S. Access Rd	33	
1024	Access Rd just E of leachate tank	70	Accessed just E of leachate storage tank.
1025	Ditch @ curbed of 3D capping area	80	
1030	GW-065	15	
1033	stormwater channel S of GW-065	20-30	gas odor in area
1034	EW-09	2.5	
1035	GW-147	2.2	

Surface Methane Monitoring  
Field Sheet



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

<b>Landfill</b>	Chrin	<b>Inspection Date</b>	11/25/24
<b>Specialist</b>	E. McNulty A. Fawcch	<b>Date Instrument was last calibrated</b>	11/25/24
<b>Background Location</b>		<b>Background Value (FID Reading ppm)</b>	

Time	Location	FID Reading ppm	Comment
1037	well just NW of GW-147	2.2	
1038	GW-139	25	some gas odor
1040	EW-10	2.2	animal hole next to well
1042	header	2.0	
1042	unmarked well near header	3000	
1045	edge of 3D graded cover Sof	70	some gas odor
1047	rill w/ some exposed waste	2500	gas odor in area
1051	stormwater channel E of 3D	555	gas odor - strong

mm

Investigator: A. Faulch E. McNally Date: 11-25-24  
 Weather Conditions: 40°F Sunny Winds: 4mph from WSW

CASE: Chrin  
 Humidity 75% ODOR PATROL SURVEY

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)	
		N	N		eFACTS # 3874214
Morgan Hill x Industrial	836	↓	↓		
Cedarville	838				
Knollwood	839				
Auburn Dr	840				
Cedarville	841				
Sewage treatment	842				
Congressional	845				
Clubhouse	846				
Turnberry	846				
Water Tower	847				
Clubhouse	848				
Pinehurst	848				
Pine Valley	850				
Bethpage Terr	851				
Waterford	851				
Prestwick	851				
Old Course	852				

Investigator: A. Faulder E. McNulty

Date: 11-25-24

CASE: Chrim

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 EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	COMMENTS & OBSERVATIONS
St. Andrews	852	N	N		
Oak Hill	853	N	N		
Spring Valley	855	SL	I	O	Wood Burning
Mountain top	858	N	N		
Waltman Loop	859	N	N		
Morgan Hill Rd	901	N	N		
Industrial	903	SL	I	G, LFG	Garbage and gas odors
Morvale	905	N	N		
Morgan Hill	908	N	N		
Industrial	911	SL	I	G	
Entered Chrim	913				



Investigator: A. Fauich Date: 11/22/24 CASE: Chirn Landfill  
 Weather Conditions: Rain/Snow, 34°F, wind SSW @ 10mph, 95% 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
1-78	1320	SL	1	LFG	light gas odor on exit ramp
MHR Industrial	1323	N			
Cedarville	1323	N			
Knollwood	1326	N			
Auburn	1327	N			
Sewage Treatment Plant	1330	M	1	S	Moderate Sewage odor
Congressional	1332	N			
Clubhouse	1333	N			
Pinehurst	1334	N			
Pine valley	1335	N			
Bethpage	1331	N			
Waterford	1331	N			
Preswick	1336	N			
Old Course	1338	N			
St Andrew	1339	N			
Oak Hill	1340	N			
Spring Valley	1341	SL	1	O	"wood burning" odor
Mt. Top	1348	N			

EFAC TS # 3873624



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

Date	Time	Address	Distance from Landfill (miles)	Weather Data (Allentown KABE)			Residence / Drive-by	Description / Notes	Gas Management Data					Date of Initial Response	Addressed in Insp Report Dated	
				www.wunderground.com					Flare 1 (scfm)	Flare 3 (scfm)	Flare 4 (scfm)	PPL (scfm)	Total (scfm)			
				Skies	Temperature °F	Wind (out of)										
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
10/06/24	8:34	Morgan Hill Rd., Easton	1.390		54	West / Southwest 0-1 mph	Residence	There's an overwhelming smell of the Chrin dump up here by Old Well Rd., so I imagine it's permeating the air throughout the area.		1640				1640	10/11/24	10/31/24



## 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	1,263,731	647,419	21,581	204	1,923,084	20,903	198
10/31/2024	OCT	1,897,527	633,796	20,445	194			
11/30/2024	NOV	319,242	527,016	17,567	166			
12/31/2024	DEC	0	-319,242	-10,298	-98	841,570	9,148	87
Total Yearly Flow			9,879,635	27,067	256			

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.

## Faulch, Amy

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**From:** Joe Klobusicky <jklobusicky@chrin.org>  
**Sent:** Monday, December 2, 2024 1:40 PM  
**To:** Faulch, Amy  
**Subject:** [External] November 25 inspection followup - surface monitoring  
**Attachments:** November 25 DEP Inspection Exceedance Sheet.xlsx; doc01438720241125110602.pdf

**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](#).*

Hi Amy,

Here are the 10-day follow ups. We will send out another email with the 30-day follow ups included once they are completed.



<b>Dec-24</b>
<b>CHRIN BROTHERS SANITARY LANDFILL SURFACE MONITORING EXCEEDENCE TRACKING FORM</b>

Initial Exceedence Date: 11/25/2024

	Initial Reading (PPM)	10-Day Followup (PPM)	20-Day Followup (PPM)	30-Day Followup (PPM)	40-Day Followup (PPM)
Monitoring Technician Initial	DEP	JS			
Monitoring Date:	11/25/2024	12/2/2024			
Background:	0	0			
<b>GW107</b>	5,000	0			
<b>GW115</b>	1,000	0			
Unmarked well near header	3,000	0			
Fill w/ exposed waste	2,500	0			
Stormwater channel E of 3D	555	0			

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