

## 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>	10/31/2024 11:00 AM	<b>Inspection End Date</b>	10/31/2024 12:30 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: Chrin's scale was last calibrated on 10/29/24. Chrin recorded 46 overweight vehicles in October 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 October 2024. The greatest one-day tonnage was 681 tons on 10/14/24.	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 had one radiation hit since the last inspection: 11/1/24: I-131 from Werner Enterprises (C&D waste), disposed on site.	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 October 2024: 20,445 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 October 31, 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 provided a site tour and was interviewed on behalf of Chrin. See the 10/31/24 odor patrol log for weather details.

The following Department personnel have entered the landfill since the last inspection on 9/27/24: A. Faulch on 9/27/24, M. Glogowski on 10.16/24, R. Malizia on 10/17/24, and A. faulch and E. McNulty on 10/31/24.

#### SITE TOUR:

Prior to entering Chrin, this inspector conducted an odor patrol in the surrounding area. A light to moderate, intermittent sewage odor was detected near the sewage treatment plant. A very light, intermittent garbage odor was detected along Morgan Hill Rd. near the switchback. No other odors were detected during this patrol. See the 10/31/24 odor patrol log for details.

Upon entry to the landfill, this inspector observed the working face which was in Cell 9B. Two trucks were unloading at the working face, and a moderate garbage odor was detected in the immediate area of the working face. A hose with neutralizer was being applied at the working face.

Chrin is still conducting waste relocation activities from the Cell 3E area. The 3E slopes were also being prepped for temporary cap installation. MSE wall construction is ongoing, and the eastern temporary sedimentation basin is being constructed. The cleanout of the north sedimentation basin is continuing. Some dust was observed on the roads from the very dry conditions.

Flare 3 was in operation at 1720°F and 1825 cfm.

#### ODOR COMPLAINTS:

Since the last inspection on 9/27/24, one odor complaint was received. Odor patrols were conducted on 10/11/24 (efacts # 3849385) and 10/31/24 (efacts # 3863034).

## Check List Comments

---

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

**Remark:** Chrin's scale was last calibrated on 10/29/24. Chrin recorded 46 overweight vehicles in October 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 October 2024. The greatest one-day tonnage was 681 tons on 10/14/24.

**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 had one radiation hit since the last inspection: 11/1/24: I-131 from Werner Enterprises (C&D waste), disposed on site.

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

**Remark:** Leachate flow rate for October 2024: 20,445 gallons per day.

### 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

---

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

Inspector        Date    11/06/2024

Investigator: A. Faulch

Date: 10/11/24

CASE: Chrin Landfill

**ODOR PATROL SURVEY**

Weather Conditions: Sunny, 67°F, wind W @ 7mph, 33% H.

eFACTS# 3849385

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	1406	N			
MHRx Industrial	1408	N			
Cedarville	1408	SL	I	G	light garbage odor near MHR
Sewage TRB Plant	1413	N			
Congressional	1415	N			
Clubhouse	1416	N			
Spring Valley	1418	N			
MH Top	1423	N			
Wetman Loop	1423	N			
Morvale	1425	N			
Industrial	1428	N			
MHRx Industrial	1431	N			
MHR	1431	N			

Investigator: F. McNally A. Faulch Date: 10-31-24  
 Weather Conditions: 68° F Sunny Winds 4 mph SW Humidity 61%

CASE: Chrin Landfill  
**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 Exit	1100	N	N		
MHR x Industrial	1101	↓	↓		
Cedarville	1103	↓	↓		
Knollwood Dr	1104	↓	↓		
Auburn	1105	↓	↓		
Cedarville - Sewage Plant	1106	SL-M	I	S	Odors on overpass near treatment plant
Congressional Dr.	1109	N	N		
Clubhouse	1109	↓	↓		
Turnberry	1111	↓	↓		
Merion	1112	↓	↓		
Clubhouse	1113	↓	↓		
Pinehurst	1115	↓	↓		
Pine Valley	1116	↓	↓		
Bethpage	1116	↓	↓		
Waterford	1117	↓	↓		
Prestwich	1118	↓	↓		
Old Course	1119	↓	↓		
St. Andrews	1119	↓	↓		

Investigator: E. McNulty

Date: 10-31-24

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)	
Dale Hill	1120	N	N		
Spring Valley	1122	↓	↓		
Mt top	1124	↓	↓		
Waltman Loop	1125	↓	↓		
Morgan Hill Rd	1127	↓	↓		
Industrial Rd	1130	↓	↓		
Morrise Rd	1132	↓	↓		
Morgan Hill Rd	1136	SL	I	G	Very light garbage odor on switchback
Industrial Rd	1139	N	N		
Entered Chrin Landfill	1140				

## 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



2024	Daily	Total Week	Month Average	Day	Total Month	Total Quarter
<b>October</b>						
1	633.4		633.4	1	633.4	633.4
2	552.3		592.9	2	1,185.7	1,185.7
3	633.1		606.3	3	1,818.8	1,818.8
4	642.1		615.2	4	2,460.9	2,460.9
5	73.1		506.8	5	2,534.0	2,534.0
6		<b>2,534.00</b>			2,534.0	2,534.0
7	618.9		525.5	6	3,152.9	3,152.9
8	556.4		529.9	7	3,709.3	3,709.3
9	512.6		527.7	8	4,221.9	4,221.9
10	494.9		524.1	9	4,716.8	4,716.8
11	560.6		527.7	10	5,277.4	5,277.4
12	84.3		487.4	11	5,361.7	5,361.7
13		<b>2,827.70</b>			5,361.7	5,361.7
14	681.7		503.6	12	6,043.4	6,043.4
15	554.8		507.6	13	6,598.2	6,598.2
16	494.7		506.6	14	7,092.9	7,092.9
17	530.4		508.2	15	7,623.3	7,623.3
18	548.6		510.7	16	8,171.9	8,171.9
19	85.1		485.7	17	8,256.9	8,256.9
20		<b>2,895.24</b>			8,256.9	8,256.9
21	627.3		493.6	18	8,884.2	8,884.2
22	520.7		495.0	19	9,404.9	9,404.9
23	534.7		497.0	20	9,939.6	9,939.6
24	475.9		496.0	21	10,415.5	10,415.5
25	619.7		501.6	22	11,035.2	11,035.2
26	64.5		482.6	23	11,099.7	11,099.7
27		<b>2,842.78</b>			11,099.7	11,099.7
28	615.7		488.1	24	11,715.4	11,715.4
29	604.0		492.8	25	12,319.5	12,319.5
30	565.7		495.6	26	12,885.1	12,885.1
31	506.2		496.0	27	13,391.3	13,391.3
<b>Month Total</b>						
	<b>13,391.3</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	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	0	-1,897,527	-63,251	-599			
12/31/2024	DEC	0	0	0	0	-1,263,731	-13,736	-130
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.

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)