

Municipal Waste Landfill Inspection Report

Permit Number	100022	EPA ID Number	----
Facility Name	CHRIN BROS SANI LDFL	Operator Name	CHRIN BROS INC
Address	1225 INDUSTRIAL DR	Address	1225 INDUSTRIAL DR
City/State/Zip	EASTON PA 18042-6829	City/State/Zip	EASTON PA 18042-6829
Municipality	Williams Township	County	Northampton
Responsible Official	Gregory Chrin	Title	Owner/Operator
Person Interviewed	Tom McMonigle	Title	Engineer
		Telephone #	(484) 221-4626
Lead Inspector	JEREMY T SCHEIVERT	Title	SLD WSTE SPCST
Site ID	238053	Client ID	42952
PF ID	240650	SF ID	201820
Inspection Start Date	01/06/2023 10:34 AM	Inspection End Date	01/06/2023 11:30 AM
Inspection Type	RTNC - Routine/Complete Inspection	Inspection Result	No Violations Noted
Permit Expiration Date	01/06/2030	Days/Week Operated	6
		Max. Daily Volume	2000 Tons/Day

Check Lists

Municipal Waste Landfill (0131)			
Status	Requirement	Chapter Citation	Line Item
GENERAL PROVISIONS			
No Violation	Required insurance in effect	271.371	1
	(expiration date) 12/01/2023		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 273.201(c)(2) 273.112(1).	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
DAILY OPERATIONS		
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. 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
Not Determined	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
Not Determined	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

Not Determined	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
Not Determined	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.	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.	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.	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
Not Determined	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
Not Determined	Litter controlled/collected and barriers/fences in place.	273.220(a)-(c)	51
COVER/SLOPES/REVEGETATION			
Not Determined	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
WATER QUALITY PROTECTION			
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
LINER SYSTEM			
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 273.257(b) and at least 18 inches thick.	69
No Violation	Leachate collection system within protective cover 273.258(a), (b) meets minimum requirements.	70
No Violation	Barrier designed, constructed and maintained as 273.259(a)-(d) required to prevent lateral migration of leachate off-site in surface mined areas.	71
No Violation	8 feet of select waste placed over protective 273.260 cover.	73
LEACHATE TREATMENT		
No Violation	Leachate collected and handled through 273.272(a)-(c) Department approved method(s).	74
Not Applicable	Leachate transportation requirements adhered to. 273.273(a)-(c)	75
No Violation	Cessation of site operation if alternate leachate 273.273(d) handling not available.	76
Not Applicable	Leachate treatment system permitted and fully 273.273(e) operational at least 3 years before closure.	77
Not Applicable	Leachate recirculation in accordance with 273.274(1)-(4) regulations.	78
No Violation	Leachate collection and storage systems on-site 273.275(a)-(f) have capacity of 30 days or 250,000 gallons, whichever is greater.	79
No Violation	Leachate flow rate measured daily; analyzed 273.276(a)-(b) quarterly.	80
No Violation	Department notified when remedial action(s) 273.277(1)-(4) required.	81
WATER QUALITY MONITORING		
No Violation	Approved monitoring system installed and 273.281(a), (b) & 273.283 maintained.	82
No Violation	Quarterly and annual monitoring requirements 273.284 & 273.285 adhered to and results submitted Department within time constraints.	83
No Violation	Groundwater assessment plan submitted and 273.286(a)-(g) implement as required.	84

No Violation	Groundwater abatement plan submitted and implemented as required.	273.287(a)-(f)	85
RECORDKEEPING AND REPORTING			
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
MINERALS AND GAS			
Not Determined	Gas venting and monitoring in accordance with approved plans.	273.292(a)-(d)	90
Not Determined	Combustible gas levels not exceeded.	273.292(e)	91
Not Determined	Forced gas venting if required.	273.292(f)	92
Not Determined	Gas recovery conducted as per approved plan and §273.293, including annual analysis.	273.293(a), (b)	93
EMERGENCY PROCEDURES			
No Violation	Contingency plan implemented if there is an emergency.	273.303(a)-(c)	94
RECYCLING			
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 271.374 submitted to the Department as specified by 271.374.	112
	Policy # GEC003617611	112A
	Insurer (company name) Greenwich Insurance Company	112B
	Expiration Date: 12/01/2023	112C

Comments

The PA Department of Environmental Protection (Department) conducted a routine complete inspection on January 6, 2023 at Chrin Bros. Sanitary Landfill ("Chrin"). Representing the Department was Jeremy Scheivert ("this inspector"). Tom McMonigle provided a site tour and was interviewed on behalf of Chrin. See the 01/06/23 odor patrol survey for weather details.

SITE TOUR

Prior to entering Chrin, this inspector conducted an odor patrol survey in the areas surrounding the facility. A slight intermittent odor of garbage was detected on Morgan Hill Road at 0938 hours and again at 1026 hours. A slight intermittent odor of landfill gas was detected on Industrial Drive near the retention wall at 1014 hours. No other offsite odors associated with Chrin were detected during the survey.

This inspector entered the facility at 1034 hours. During the site tour this inspector viewed the recycling drop-off, small truck drop-off area, Flare 3, new cell construction (9B), new leachate tank construction, and the working face.

The working face was located at cell 9A. This inspector noted a moderate odor of garbage emanating from the working face. Two municipal waste trucks were tipping or preparing to tip at the time of this inspection. Chrin was operating one compactor and one dozer. This inspector did not see the semi-permanent litter fence near the working face and there was no portable odor mister in use there. This inspector noted some litter along the road approaching the working face. Cell 9A showed significant flagging in the intermediate cover where the working face

had been the previous day. Tome McMonigle suggested that the muddy wet conditions, with temperatures above freezing, made complete covering with no flagging challenging.

Some waste has been deposited on the new cell 9B. Here again flagging was evident in the intermediate cover. With heavy equipment in the saturated conditions, completely covering the waste while not simultaneously uncovering the waste was challenging. Cell 9B construction is still ongoing.

The truck wash station was in operation and the roads appeared well maintained. There was not noticeable dirt or mud at the exit along Industrial Drive. However, the perimeter line misters were not in operation. Tom McMonigle said he would inquire about getting the perimeter odor misters operating. Misters may not be employed in the winter due to freezing temperatures.

Prior to entering the facility this inspector detected a slight intermittent odor of landfill gas on Industrial Drive during the survey. Tom McMonigle suggested that the odor could have originated from pump station six being down for maintenance in the morning. During the site tour, this inspector and Tom McMonigle drove the length of Industrial Drive to Morgan Hill Road again and did not detect any odors. This inspector did not detect any landfill gas odors while onsite. Flare 3 was in operation during the inspection with a temperature of 1751°F and a flow of 1600 scfm.

ODOR COMPLAINTS

The department received one new odor complaint (01/02/23) since the last inspection. The Department conducted four odor patrol surveys since the last inspection on 11/22/22; 12/14/22, 12/28/22, 01/04/23, and 01/06/23.

Check List Comments

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

Remark: Chrin's scales were last calibrated on 10/26/22. Chrin had 29 overweight trucks in November and 24 overweight trucks in December.

Line Item 20 - Operator implements nuisance minimization and control plan.

Remark: Daily odor patrol logs were reviewed for the complaint date on 01/02/23 and for the following day 01/03/23. Chrin's odor patrols 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 since the last inspection. There were no exceedances of the 2,000 ton limit. The greatest one-day tonnages are as follows: 11/17/22 - 835 tons, 12/12/22 - 810 tons, 01/02/23 829 tons (as of 01/05/23).

Line Item 25 - Operator implements radiation protection action plan.

Remark: The stationary and handheld radiation monitors were last calibrated on 07/05/22 and 08/12/22, respectively. Radiation source checks were not reviewed. Chrin had zero radiation hits since the last inspection.

Line Item 51 - Litter controlled/collected and barriers/fences in place.

Remark: This inspector did not observe a litter fence in place at or near the working face. Chrin is reminded to employ litter fencing as outlined in Pa Code 273.220 (B).

Line Item 52 - Daily/intermediate cover meets performance and design requirements.

Remark: Waste flagging was observed in the area immediately adjacent to the working face at cell 9A and on the new area of cell 9B. Chrin is reminded that daily cover shall meet the performance standards outlined in 25 PA. Code 272.232, and/or any intermediate cover must be applied within seven days and be at least 12 inches in thickness, in accordance with 25 Pa. Code 272.233.

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

Remark: The leachate flow rate for November was 42,230 gallons per day. The leachate flow rate for December was 63,154 gallons per day.


Line Item 100 - Approved public notice of availability of drop off center availability is provided.

Remark: Chrin's public notice of recycling appeared in The Morning Call on 01/01/23.

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 01/12/2023

Investigator: J. ScheivertDate: 14 Dec 2022CASE: Chvin Landfill

ODOR PATROL SURVEY

Weather Conditions: 40°F cloudy N14mph 45%RH

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)	
RT 78	1357	N			
Margawill Rd	1359	/			
Cedarville Rd	1359	N			
Sewage Treatment Plant	1403	SL	I	S	on Cedarville
Cedar Park Blvd	1405	N			
Auburn Dr	1406	/			
Knollwood Dr.	1407	/			
Cedar Park Blvd	1408	/			
Cedarville Dr.	1408	/			
Congressional Dr	1409	/			
Club House Dr.	1411	/			
Eagles Creek Ct	1412	/			
Turnberry Dr.	1412	/			
Merrill Ln	1412	/			
Turnberry Dr.	1413	/			
Club House Dr.	1414	/			
Pinehurst Ln	1416	/			
Clubhouse Dr.	1416	N			

EPAQS# 3473373

Investigator: J. ScheiwerDate: 14 Dec 22CASE: 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)	
Belhridge Terr	1418	N			
Waterford Terr	1418				
Prestwick Dr.	1419				
Old Course Dr.	1420				
St Andrews	1421				
Clubhouse	1421	N			
Pine Valley Terr	1422	SL	I	O	Wood Burning
Clubhouse Dr.	1424	N			
Marganville Rd	1425	N			
Spring Valley Rd	1425	SL	I	G/LFG	Not Sure Bolt?
Mountain Top Dr	1429	N			
Waltham Log Ln	1430				
Marganville Rd	1431				
Mixvale Rd	1431				
Industrial Dr	1435				
Marganville Rd	1438				
Belmont Rd	1439				
Industrial Dr North	1439	N			

eFACS# 3473373

Investigator: A. FaulchDate: 12/28/22CASE: Chrin LandfillWeather Conditions: Sunny, 46°F, wind Sw @ 12 mph, 43% H.

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)	
I-78	1253	N			
MHRx Industrial	1255	N			
Cedarville	1256	N			
Knollwood	1258	N			
Auburn	1259	N			
Sewage Trt Plant	1302	N			
Congressional	1304	N			
Clubhouse	1305	N			
Water Tower	1306	N			
Pinehurst	1311	N			
Bethpage	1312	N			
Waterford	1312	N			
Prestwick	1313	N			
Old Course	1313	N			
St. Andrews	1314	N			
Oak Hill	1315	N			
Pine Valley	1316	N			
Clubhouse	1318	N			

eFACTS # 3479069

Investigator: A. Faulch Date: 12/28/22
 Weather Conditions: _____

CASE: Chrin Landfill
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)	
Congressional	1319	N			
Cedarville	1321	N			
MHRx Industrial	1322	SL	1	G	very light garbage odor
MHR	1323	SL	1	G	very light garbage odor near Industrial
Spring Valley	1326	SL	1	O	wood burning odor
Mt. Top	1328	N			
Waltham Loop	1329	N			
Morrise	1330	N			
Industrial	1334	SL	1	G	very light garbage odor near MSE wall
MHRx Industrial	1337	N			

Investigator: A. FaulchDate: 1/4/2023CASE: Chrin LandfillWeather Conditions: Sunny, 62°F, Wind SSE @ 3mph, 83% H

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)	
I-78	1311	N			
MHRx Industrial	1314	N			
Cedarville	1315	N			
Knollwood	1317	N			
Auburn	1318	N			
Sewage Trt. Plant	1321	M	I	S	moderate sewage odor
Congressional	1324	N			
Clubhouse	1325	N			
Turnberry	1326	N			
Merion	1326	N			
Water Tower	1328	N			
Clubhouse	1330	N			
Pinehurst	1331	N			
Bethpage	1333	N			
Waterford	1333	N			
Prestwick	1334	N			
Old Course	1334	N			
St. Andrews	1335	N			

eFACTS # 3481403

Investigator: A. Faulch Date: 4/4/23
 Weather Conditions: _____

CASE: Chrin Landfill
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)	
Oak Hill	1336	N			
Pine Valley	1338	N			
Clubhouse	1339	N			
Congressional	1340	N			
Cedarville	1341	N			
MHR x Industrial	1342	N			
MHR	1343	N			
Spring Valley	1345	N			
Mt. Top	1348	N			
Waltham Loop	1349	N			
Morrake	1350	N			
Industrial	1354	SL	1	LFG / G	light gas & garbage between entrance & MSE wall
MHR x Industrial	1400				

Investigator: J. SchrienerDate: 6 Jan 2023CASE: Chvin Landfill

ODOR PATROL SURVEY

Weather Conditions: 44°F cloudy 100% H NSN 3mph

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)	
RT 78	936	N			
Morgan Hill Rd	938	SL	I	G	Near Cell Ramp
Cedarville Rd	938	N			
Sewage Treatment Plant	943				
Cedarville Rd	943				
Cedar Park Blvd	945				
Arboret Dr.	946				
Krollwood Dr.	946				
Cedar Park Blvd	947				
Cedarville Rd	948				
Congressional Dr.	949				
Clubhouse Dr.	950				
Engles Creek	952				
Turnkey Dr.	952				
Marion Ln	953				
Turnkey Dr.	954				
Clubhouse Dr.	954				
Purchase Ln	956	N			

EFACS # 3483927

Investigator: J. ScheiweDate: 6 Jan 2023CASE: Chris 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)	
Clubhouse Dr.	957	N			
Bellvue Terr	957				
Walden Terr	958				
Prestwick Dr.	959				
Old Course	1000				
St Andrews Way	1001				
Clubhouse Dr.	1001				
Pine Valley Terr	1001				
Clubhouse Dr.	1003				
Magawhill Rd	1004				
Spring Valley Rd	1004				
Monroe Top Dr	1008				
Waltham Loop (W)	1008				
Magawhill Rd	1010				
Marale Rd	1011	N			
Indisrael Dr.	1014	SL	I	LFG	Near Wall
Magawhill Rd	1018	N			
Belmar Rd	1018	N			

CRATES # 3483927

Investigator: J. Sch
Weather Conditions:

Date: 6 Jan 2023

CASE:

ODOR PATROL SURVEY

entry # 3483927

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)		
01/23/22	9:47	Merion Ln., Easton	1.744		20	West 2-6mph	Residence	heavy gas odor & methane smell from the landfill on property.		521	674		1195	01/27/22	02/02/22
03/15/22	9:33	Merion Ln., Easton	NA		45	Northeast 0-1mph	Drive-by	Drive-by complaint. The entire length of the landfill is giving off a horrible gas odor.		1447			1447	03/25/22	05/06/22
06/08/22	10:15	unknown	unknown		72	North/Northeast 3-8mph	unknown	Odor complaint called in to Chrin Landfill (not received by PADEP). Chrin followed-up on 6/8/22.		1458			1458	06/08/22	07/05/22
07/15/22	13:34	Morvale Rd., Easton	0.194		81	Northeast 3-6mph	Residence	Want to report a sour smell in my yard. The smell is coming from Chrin Bros. landfill. It's a sour, putrid smell. I can smell it in my yard and in my house.		1412			1412	07/15/22	08/09/22
09/20/22	9:38	Spring Valley Rd., Easton	unknown		69	West/Northwest 1-6mph	unknown	Odor complaint called in to Williams Twp. (not received by PADEP) "The smell is unbearable from the dump." Chrin followed up on 9/20/22.		1611			1611	09/20/22	09/26/22
01/02/23	17:28	Pine Valley Ter., Easton	NA		53	West 0-1 mph	Drive-by	Calling regarding the Chrin Landfill in Williams Twp. It just stinks so bad on Industrial Dr. every time I drive by there. It's dangerous. It's not good to be breathing this or have my kids breathing it, it's just terrible. I don't bother filling out complaints anymore because nothing ever changes. You guys aren't ever going to tell the dump not to be there, you know, no matter what happen until we're supposed to cap it. It definately smells worse on Industrial Dr. than it does at my house. There's not a day that it doesn't stink on Industrial Blvd. in the evening and that's when I'm usually driving there. I don't know if it's because once the air cools, something happens.		1672			1672	01/04/23	01/06/23

Scheivert, Jeremy

From: Joe Klobusicky <jklobusicky@chrin.org>
Sent: Wednesday, December 7, 2022 2:09 PM
To: Bellas, Roger
Cc: Faulch, Amy; Ritter, Dean; Scheivert, Jeremy; Gregchrin@aol.com; Charlie R Chrin; Tom McMonigle; Wejkszner, Mark
Subject: [External] Gas to energy project update

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Roger,
Hello,

As an update to the gas to energy project here at Chrin Landfill, we are currently negotiating with an experienced vendor for a co-gen project of a similar size and at the former EPP site in Glendon, PA. Our vendor has given assurances that they have (2) Cat 3510 engines ready to be placed on the current pad site in Glendon for a total capacity of 3-3.2 MW of generation power. Obviously, there will still be a permitting process to get the pad site approved but we are well on our way to getting engines dropped in and the site running. The ultimate hope is that within the next roughly five years we will be ready to begin a new High BTU / RNG site in Glendon. Development of that project will not occur until we remove the waste in areas 3A, 3B, and 3C so that we can have the gas field in a position to give the RNG site the necessary higher quality gas. We hope to have finalized our co-gen vendor contract by the end of 2022, followed by permitting and placement over in Glendon in 2023.

Please let me know if you have any questions.

Sincerely,

Joe Klobusicky
Chrin Companies

Scheivert, Jeremy

From: Faulch, Amy
Sent: Thursday, December 15, 2022 2:39 PM
To: Scheivert, Jeremy
Subject: FW: [External] PS-6 Maintenance

Amy E. Faulch | Solid Waste Supervisor
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017
Phone: 610.509.8988 | Fax: 610.861.2072
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

From: Tom McMonigle <tmcmonigle@chrin.org>
Sent: Thursday, December 15, 2022 2:35 PM
To: Faulch, Amy <afaulch@pa.gov>
Cc: Charlie R Chrin <charliec@chrin.org>; Gregchrin@aol.com; Joe Klobusicky <jklobusicky@chrin.org>; Katie Faubert <kfaubert@williamstwp.org>; 'black.joe@rcn.com' <black.joe@rcn.com>; Mikal Sabatine <MSabatine@williamstwp.org>
Subject: [External] PS-6 Maintenance

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Amy,

We are performing maintenance on Pump Station PS-6 which is located near our office and main gate. There are intermittent and localized odors associated with the maintenance activities. I expect that the maintenance will be completed tomorrow (December 16) at which time the source of the odors will be back under full control.

Tom McMonigle, PE
Chrin Brothers, Inc.
1225 Industrial Drive
Easton, PA 18042

484-546-2579 (Office)
215-983-2244 (Mobile)
tmcmonigle@chrin.org

Scheivert, Jeremy

From: Joe Klobusicky <jklobusicky@chrin.org>
Sent: Monday, January 9, 2023 10:36 AM
To: Scheivert, Jeremy
Subject: [External] RE: Odor Logs

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Hi Jeremy,
We try and not run the perimeter misters in the winter (depending on temperature) as the nozzles will freeze and break.....

Joe k

From: Scheivert, Jeremy <jscheivert@pa.gov>
Sent: Monday, January 9, 2023 10:09 AM
To: Joe Klobusicky <jklobusicky@chrin.org>
Subject: Odor Logs

Good Morning Joe

Sorry to have missed you when I was out for inspection last week (and I missed December inspection altogether). Tom did a fine job showing me around.

However, I did fail to review your odor logs while onsite. Rather than a trip back out, would you please email me your daily odor logs for the one new complaint we have for this year (01/02/23)? At your earliest convenience, your daily odor logs for 01/02/23 and 01/03/23 (typically I'd ask for a day of logs on either side of the complaint date but obviously the 1st was a holiday).

I think you've already forwarded all other records I need for my report.

Thanks so much.

Jeremy

Jeremy Scheivert | Solid Waste Specialist
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017
Phone: 610.861.2136 | Fax: 610.861.2072
www.dep.pa.us

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J. Scheivert/ A. Faulch (PDF)

Chrin: Joseph Klobusicky
jklobusicky@chrin.org

Williams Township: Melody Ernst
mernst@williamstwp.org