



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT
P.O. BOX 8472, HARRISBURG, PA 17105-8472

Inspection ID **3336893**

Field Code _____

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL

Site I.D. <u>100022</u>	Telephone # <u>610-253-6144</u>
Site Name <u>Chrin Bros. Sani Ldfl.</u>	Operator Name <u>Chrin Bros. Inc</u>
Address <u>1225 Industrial Drive</u>	Address <u>1225 Industrial Drive</u>
<u>Easton, PA 18042</u>	<u>Easton, PA 18042</u>
Municipality <u>Williams Township</u>	County <u>Northampton</u>
Responsible Official <u>Gregory Chrin</u>	Title <u>Owner/Operator</u>
Person Interviewed <u>Joseph Klobusicky</u>	Title <u>Environmental Manager</u>
Inspector <u>Amy Faulch, Mathew Vipond</u>	Title <u>Solid Waste Supervisor, Environmental Trainee</u>
eFACTS ID # <u>PF 240650</u>	SF <u>201820</u>

Comment: Additional eFACTS # 3336887, 3336890Inspection Date: 3 / 09 / 2022 Type: RTNC Results: **NOVIO** Resolved: / / Permit Expiration Date: 01 / 06 / 2030 Days/Week Operated: 6 Max. Daily Volume: 2000

1 - No Violation Observed 2 - Not-Applicable 3 - Not-Determined 4 - Non-Compliance

STATUS				REVISION	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
1	2	3	4				
				GENERAL PROVISIONS			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required insurance in effect (expiration date <u>12/01/2022</u>)	<input type="checkbox"/>	271.371	1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operation in accordance with approved plans and permit.	<input type="checkbox"/>	273.201(c)(2)	2
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operation within permit boundaries (vertical and horizontal).	<input type="checkbox"/>	273.201(c)(2)	3
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Disposal Timing and sequence as per Section 273.112(1).	<input type="checkbox"/>	273.201(c)(2)	4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No unapproved wastes or liquids.	<input type="checkbox"/>	273.201(d)-(m)	5
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Isolation distances are adhered to.	<input type="checkbox"/>	273.202(a)	6
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Facilities certification requirements followed.	<input type="checkbox"/>	273.203(a), (b)	7
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Written Department approval of new construction prior to waste disposal.	<input type="checkbox"/>	273.203(c)	8
				DAILY OPERATIONS			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proper signs posted.	<input type="checkbox"/>	273.211(a)	9
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site perimeter clearly marked and grid coordinate system in use.	<input type="checkbox"/>	273.311(b)-(d)	10
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proper barriers installed around site and access controlled when attendant not present.	<input type="checkbox"/>	273.212(a)-(i)	11
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Access roads maintained and negotiable by collection vehicles.	<input type="checkbox"/>	273.213(a)-(i)	12
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approved means of measuring and inspected waste utilized.	<input checked="" type="checkbox"/>	273.214(a), (b)	13
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate equipment on-site and stand-by equipment available.	<input type="checkbox"/>	273.215(a), (b)	14
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vehicles directed promptly to unloading area and promptly unloaded.	<input type="checkbox"/>	273.216(a), (b)	15
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solid waste spread and compacted as approved by Department as part of permit.	<input type="checkbox"/>	273.216(c)	16
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.	<input type="checkbox"/>	273.217(a)	17
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Operator complies with Air Quality Plan approval and Air quality Operating Permit.	<input type="checkbox"/>	273.217(b)	18

Site Name	Chrin Bros. Sani Ldfl.
ID Number	100022
Date	3/09/2022

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)**1 - No Violation Observed 2 - Not-Applicable 3 - Not-Determined 4 - Non-Compliance**

STATUS				GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
1	2	3	4				
				DAILY OPERATIONS (Cont'd)			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator does not cause or allow attraction, harborage, or breeding of vector.	<input type="checkbox"/>	273.218(a)	19
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Operator implements nuisance minimization and control plan.	<input checked="" type="checkbox"/>	273.218(b)(1)	20
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator performs regular, frequent, and comprehensive site inspections to reduce potential for offsite odors.	<input checked="" type="checkbox"/>	273.218(b)(2)	21
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Operator promptly addresses and correct problems and deficiencies discovered during inspections.	<input checked="" type="checkbox"/>	273.218(b)(3)	22
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.	<input checked="" type="checkbox"/>	273.218(c)	23
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator does not receive solid waste at a landfill in excess of the maximum or average daily volume approved in the permit.	<input checked="" type="checkbox"/>	273.221(a)	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator implements radiation protection action plan.	<input checked="" type="checkbox"/>	273.223(a)	25
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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.	<input checked="" type="checkbox"/>	273.223(b)	26
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radiation detector elements shall be as close as practical to wasteload and in appropriate geometry to monitor the waste.	<input checked="" type="checkbox"/>	273.223(c)	27
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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.	<input checked="" type="checkbox"/>	273.223(d)	28
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator notifies Department immediately and isolates vehicle when radiation dose rates are exceeded.	<input checked="" type="checkbox"/>	273.223(e)	29
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitoring equipment is calibrated at frequency specified by manufacturer, but not less than once a year.	<input checked="" type="checkbox"/>	273.223(f)	30
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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.	<input checked="" type="checkbox"/>	273.223(g)	31
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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.	<input type="checkbox"/>	273.232(a)	32
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If intermediate cover requires revegetation, it is established within 30 days.	<input type="checkbox"/>	273.233(e)	33
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slopes constructed during daily landfilling and intermediate cover activities may not exceed 50 percent.	<input type="checkbox"/>	273.233(f)	34
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Operator does not cause or allow waste pollution within or outside the site from operation of the facility.	<input type="checkbox"/>	273.241(a)-(c)	35
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator has restored or replaced adversely affected water supply with an alternative source of like quantity and quality.	<input type="checkbox"/>	273.245(a)	36
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temporary water supply is provided within 48 hours.	<input type="checkbox"/>	273.245(b)	37
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permanent water supply is provided within 90 days.	<input type="checkbox"/>	273.245(c)	38
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No waste 15 feet of inside top of the lined perimeter berm.	<input type="checkbox"/>	273.252(e)	39

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)**1 - No Violation Observed 2 - Not-Applicable 3 - Not-Determined 4 - Non-Compliance**

STATUS				GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
1	2	3	4				
				DAILY OPERATIONS (Continued)			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lined perimeter berm 4 ft. high constructed and maintained along edge of the lined disposal area.	<input type="checkbox"/>	273.252(f)	40
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Edge of liner clearly marked.	<input type="checkbox"/>	273.252(g)	41
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternate leachate recirculation method may be used if approved if one of the liner systems is a composite liner.	<input type="checkbox"/>	273.274(b)	42
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Underground pipes used to transport leachate to leachate storage impoundments or tanks equipped with secondary containment or comply with 245.445.	<input type="checkbox"/>	273.275(g)	43
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator isolates coal seams, coal outcrops and coal refuse from waste deposits to prevent combustion of waste and damage to liner.	<input type="checkbox"/>	273.291(a)	44
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mine openings within site sealed as approved by Department.	<input type="checkbox"/>	273.291(b)	45
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator implements plan for controlling potential damage from subsidence submitted and approved under 273.120.	<input type="checkbox"/>	273.291(c)	46
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.	<input type="checkbox"/>	273.301	47
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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.	<input type="checkbox"/>	273.302(a)	48
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Emergency equipment tested and maintained.	<input type="checkbox"/>	273.302(c)	49
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate space maintained to allow unobstructed movement of emergency personnel and equipment.	<input type="checkbox"/>	273.302(d)	50
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Litter controlled/collected and barriers/fences in place.	<input type="checkbox"/>	273.220(a)-(c)	51
				COVER/SLOPES/REVEGETATION			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Daily/intermediate cover meets performance and design requirements.	<input checked="" type="checkbox"/>	273.232(b), 273.233(b), (c)	52
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimum 5 day supply of daily and intermediate cover maintained on-site.	<input type="checkbox"/>	273.232(c) & 273.233(d)	53
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intermediate cover applied within time limits.	<input type="checkbox"/>	273.233(a)	54
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intermediate slopes do not exceed 50%.	<input type="checkbox"/>	273.232(d)	55
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cap placed over entire surface of final lift meets performance standards.	<input type="checkbox"/>	273.234(a)(1)	56
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Final cover meets performance and design requirements; applied within time limits.	<input type="checkbox"/>	273.234(b)-(e)	57
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Final slopes stable and erosion controlled.	<input type="checkbox"/>	273.234(f)	58
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Final slopes graded 3-15% or terraced to 33% as approved.	<input type="checkbox"/>	273.234(g)	59
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimum revegetation and successful revegetation requirements adhered to.	<input type="checkbox"/>	273.235(a)-(e) & 273.236(a), (b)	60
				WATER QUALITY PROTECTION			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Surface and groundwater treatment facilities properly operated and maintained.	<input type="checkbox"/>	273.241(b)	61
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Surface water percolation minimized/prevented.	<input type="checkbox"/>	273.242(b)(1) & 273.234(e)(4)	62

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STATUS				GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
1	2	3	4				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil erosion and sedimentation controls designed and implemented as per approved plans; gullies over nine inches repaired.	<input type="checkbox"/>	273.242(a)-(c)	63
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sedimentation ponds and discharge structures designed, constructed, operated, and maintained in accordance with Chapters 273, 102, and 105.	<input type="checkbox"/>	273.243(a)-(g) & 273.244	64
				LINER SYSTEM			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Liner system designed, constructed, operated, and maintained when required.	<input type="checkbox"/>	273.251(a), (b)	65
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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).	<input type="checkbox"/>	273.252(d)	66
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate detection zone monitored weekly.	<input type="checkbox"/>	273.255(c)	67
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	<input type="checkbox"/>	273.257(a)	68
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Protective cover meets minimum requirements and at least 18 inches thick.	<input type="checkbox"/>	273.257(b)	69
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate collection system within protective cover meets minimum requirements.	<input type="checkbox"/>	273.258(a), (b)	70
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.	<input type="checkbox"/>	273.259(a)-(d)	71
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8 feet of select waste placed over protective cover.	<input type="checkbox"/>	273.260	73
				LEACHATE TREATMENT			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate collected and handled through Department approved method(s).	<input type="checkbox"/>	273.272(a)-(c)	74
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate transportation requirements adhered to.	<input type="checkbox"/>	273.273(a)-(c)	75
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cessation of site operation if alternate leachate handling not available.	<input type="checkbox"/>	273.273(d)	76
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate treatment system permitted and fully operational at least 3 years before closure.	<input type="checkbox"/>	273.273(e)	77
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate recirculation in accordance with regulations.	<input type="checkbox"/>	273.274(1)-(4)	78
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	<input type="checkbox"/>	273.275(a)-(f)	79
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leachate flow rate measured daily; analyzed quarterly.	<input checked="" type="checkbox"/>	273.276(a)-(b)	80
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Department notified when remedial action(s) required.	<input type="checkbox"/>	273.277(1)-(4)	81
				WATER QUALITY MONITORING			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approved monitoring system installed and maintained.	<input type="checkbox"/>	273.281(a), (b) & 273.283	82
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quarterly and annual monitoring requirements adhered to and results submitted Department within time constraints.	<input type="checkbox"/>	273.284 & 273.285	83
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater assessment plan submitted and implement as required.	<input type="checkbox"/>	273.286(a)-(g)	84
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Groundwater abatement plan submitted and implemented as required.	<input type="checkbox"/>	273.287(a)-(f)	85
				RECORDKEEPING AND REPORTING			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operational records maintained, available and submitted as required.	<input type="checkbox"/>	273.288 & 273.311-273.313	86
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Daily Operational Records kept in accordance with regulations for the life of the facility bond or longer if necessary.	<input type="checkbox"/>	273.311(d)	87

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1	2	3	4				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator submits quarterly operation report.	<input type="checkbox"/>	273.312	88
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator submits annual operation report with fee.	<input type="checkbox"/>	273.313	89
				MINERALS AND GAS	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gas venting and monitoring in accordance with approved plans.	<input checked="" type="checkbox"/>	273.292(a)-(d)	90
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Combustible gas levels not exceeded.	<input checked="" type="checkbox"/>	273.292(e)	91
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forced gas venting if required.	<input checked="" type="checkbox"/>	273.292(f)	92
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gas recovery conducted as per approved plan and §273.293, including annual analysis.	<input checked="" type="checkbox"/>	273.293(a), (b)	93
				EMERGENCY PROCEDURES			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Contingency plan implemented if there is an emergency.	<input type="checkbox"/>	273.303(a)-(c)	94
				RECYCLING			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator shall salvage and recycle waste in accord with recycling plan. (273.196)	<input type="checkbox"/>	273.331(a)	95
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Salvaging and recycling controlled by operator and prevents interference within operations and prevents health hazardous nuisance.	<input type="checkbox"/>	273.331(b)	96
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Salvaged materials stored in an approved area or transported offsite.	<input type="checkbox"/>	273.331(c)	97
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drop off center established for at least three recyclables.	<input type="checkbox"/>	273.332(a)	98
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drop off center properly located, contains bins or containers, open at least 8 hours per week and 4 hours during evenings or weekends.	<input type="checkbox"/>	273.332(b), (c)	99
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approved public notice of availability of drop off center availability is provided.	<input type="checkbox"/>	273.332(d)	100
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	On or before January 15 each year, operator informs municipality in writing of weight and type of materials recycled previous year.	<input type="checkbox"/>	273.332(e)	101
				SPECIAL HANDLING AND RESIDUAL WASTES			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Special handling and residual wastes disposed with prior Department approval, and in accordance with permit and Chapter 273.	<input type="checkbox"/>	273.501	102
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Infectious waste disposal restrictions adhered to.	<input type="checkbox"/>	273.511(a)-(d)	103
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chemotherapeutic waste disposal restrictions adhered to.	<input type="checkbox"/>	273.512	104
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sewage sludge co-disposal and monofill requirements followed.	<input type="checkbox"/>	273.513	105
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sewage sludge sampling requirements adhered to and sludge meets standards for control of pathogens, vectors, and odors.	<input type="checkbox"/>	273.513(c)	106
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Disposal of municipal waste incineration ash in landfill or landfill cell that meets Chapter 273 requirements.	<input type="checkbox"/>	273.514(a)	107
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ash residue disposal in dedicated landfill or landfill cell unless co-disposal in accordance with Chapter 273 (including leachability treatment).	<input type="checkbox"/>	273.514(b)	108
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ash residue covered immediately or as approved by the Department.	<input type="checkbox"/>	273.514(c)	109

1 - No Violation Observed 2 - Not-Applicable 3 - Not-Determined 4 - Non-Compliance

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

INSPECTION REPORT COMMENTS

Date of Inspection 3/9/2022

Identification Number 100022

Company/Facility/Site Name Chrin Bros. Sanitary Landfill

Comments:

The PA Department of Environmental Protection (Department) conducted a routine complete inspection on March 9, 2022 at 0858 hours at Chrin Bros. Sanitary Landfill (Chrin). Representing the Department was Amy Faulch (this inspector) and Mathew Vipond. Joseph Klobusicky provided a site tour and was interviewed on behalf of Chrin. See the 3/9/2022 odor patrol log for weather details.

The following Department personnel have entered the landfill since the 2/2/22 inspection: A. Faulch and M. Vipond on 2/2/22; and A. Faulch and M. Vipond on 3/9/22.

SITE TOUR:

Prior to entering the landfill, this inspector conducted an odor patrol in the areas surrounding the landfill. A light, intermittent "diesel" odor was detected along Cedarville Rd. while following a truck. A light, intermittent sewage odor was detected near the sewage treatment plant. A light, intermittent "wood smoke" odor was detected along Spring Valley Rd. A light, intermittent gas and "old garbage" odor was detected along Industrial Dr., which was attributed to gas well drilling at the top of 3D at the time of this inspection. See attached 3/9/22 odor patrol log for details.

This inspector and Mr. Vipond entered the landfill at 0938 hours. Three trucks were dumping at the working face in Cell 9A. Very minimal odors were detected in the immediate area of the working face. A hose was spraying water and odor neutralizer on the working face. Some flagging of waste was observed on the slope just north of the southern access road across from Cell 9A.

Chrin has continued to apply additional intermediate cover in the Stage 3D area in preparation for final cap. At the time of this inspection, Chrin was installing additional gas wells at the top of 3D. Some gas and "old garbage" odor was detected in the gas well drilling area. Access roads were slightly muddy due to the recent rain. Chrin has continued blasting in the expansion area. A quarterly leachate sample for radium was collected during this inspection.

Chrin has terminated its partnership with EPP, and has ceased sending landfill gas to the landfill gas-to-energy plant. Flares 3 was in operation at the time of this inspection:

Flare	Temp	Flow
1	OFF	
3	1729°F	1480 scfm
4	OFF	
EPP	OFF	

COMPLAINT INVESTIGATIONS:

The Department received one odor complaint since the last inspection on 2/2/22. See attached odor complaint log. Complaints were followed up with odor patrols conducted by the Department on 3/2/22 and 3/9/22.

Line item #13: Chrin had 54 overweight trucks in January.

Line item #20-23: Daily inspection logs were reviewed by at the time of this inspection. Chrin's odor patrols and odor control measures appear to be following their nuisance minimization and control plan.

Line item #24: Daily tonnage records were reviewed. There did not appear to be any exceedances of the 2,000-ton daily limit. The greatest one-day tonnages are as follows:

2/10/22: 778 tons

3/7/22: 805 tons

Line item #25-31: Radiation source checks were reviewed on site. Chrin has had no radiation hits since the last inspection.

Line item # 52: Chrin is reminded to address the waste flagging observed just north of the southern access road across from Cell 9A.

Line item #80: Leachate flow rates are as follows:

February 2022: 60,076 gallons per day

Line item #90-93: Due to the termination of Chrin's relationship with EPP, the Department requests that Chrin

provide an alternative plan for beneficial use for their landfill gas, in accordance with the approved plans included with the Eastern Expansion and Overlay application.

This concludes this inspection report.

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 or Department records.

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 on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Person Interviewed Sent to Facility via email Date _____
(Signature)

Inspector Amy Faulch Date 3/25/22
(Signature)

Investigator: A. Faulch Date: 3/2/22
 Weather Conditions: Sunny, 44°F, wind WNW @ 6 mph, 49% H.

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 EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	COMMENTS & OBSERVATIONS
1-78	950	SL	1	O	light "burning rubber" odor
MHRx Industrial	953	N			
Cedenoille	953	SL	1	S	very light sewage odor
Cedar Park	955	N			
Sewage Trt. Plant	958	N			
Congressional	1000	N			
Clubhouse	1002	N			
Turnberry	1003	N			
Merica	1003	N			
Clubhouse	1004	N			
Bethpage	1005	N			
Wagstafford	1006	N			
Prestwick	1006	N			
Gid Course	1007	N			
St. Andrews	1007	N			
Oak Hill	1008	N			
Pine Valley	1009	N			
Clubhouse	1010	N			

eFACTS # 3336887

Investigator: A. Fauch Date: 3/2/22
Weather Conditions: _____

CASE: Chm Landfill

ODOR PATROL SURVEY

ODOR PATROL SURVEY

[illegible]

Investigator: M. V. POND/A. Faulch Date: 3/9/22
 Weather Conditions: _____

CASE: Chrin Landfill
Schur
 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)	EFFECTS # 3336890	COMMENTS & OBSERVATIONS
1-78	8:58	N				
Morganhill Rd./Industrial	8:59	N				
Cedarville Rd.	9:02	SL	I	O		Diesel (truck on road)
Cedar Park Blvd.	9:04	N				
Auburn Dr.	9:05	N				
Cedar Park Bl.	9:05	N				
Cedarville Rd	9:06	N				
Sewage TP	9:07	SL	I	S		
Congressional Dr.	9:09	N				
Clubhouse Dr.	9:11	N				
Eagles Creek Ct.	9:12	N				
Turnberry Dr.	9:12	N				
Gayles Park Ct.	9:12	N				
Clubhouse Dr.	9:14	N				
Firehurst Ln.	9:15	N				
Clubhouse Dr.	9:15	N				
Bethpage	9:16	N				
Old Course Ln.	9:18	N				

Investigator: L.V. POND/A. FAULSTICH Date: 3/9/22

Weather Conditions: 35°F, rain/snow, W East 4 MPH, 86% H

CASE: Chrissie LF / Eastern
Scholar LF / Eastern

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
Oak Hill Ct.	9:19	N			
Old Course Ln.	9:19	N			
Pine Valley Rd.	9:20	N			
Clubhouse Dr.	9:21	N			
Congressional	9:22	N			
Cedarville Dr.	9:23	N			
Industrial Dr.	9:24	N			
Morgan Hill Dr.	9:25	N			
Spring Valley Rd.	9:27	SL	I	O	WOOD SHED
Walt Whitman Loop	9:31	N			
Morgan Hill Rd.	9:34	N			
Morvale Rd.	9:34	N			
Industrial Dr.	9:38	SL	I	G/LFG	drilling for LFG wells

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

Weather Data (Allentown KABE)									
Date	Time	Address	Distance from Landfill (miles)	Skies	Temperature °F	Wind (out of)	Residence / Drive-by	Description / Notes	
01/23/22	9:47	Merton Ln., Easton	1.744		20	West 2-6mph	Residence	heavy gas odor & methane smell from the landfill on property.	
03/15/22	9:33	Merton Ln., Easton	NA				Drive-by	Drive-by complaint. The entire length of the landfill is giving off a horrible gas odor.	

Gas Management Data									
		Flare 1 (scfm)	Flare 3 (scfm)	Flare 4 (scfm)	PPL (scfm)	Total (scfm)	Date of Initial Response	Addressed in Insp Report Dated	
			521	674		1195	01/27/22	02/02/22	

2022	Daily	Total Week	Month Average	Day	Total Month	Total Quarter
2022	Daily	Total Week	Month Average	Day	Total Month	Total Quarter
February						
1	603.1		603.1	1	603.1	14,970.0
2	573.9		588.5	2	1,177.0	15,543.9
3	598.7		591.9	3	1,775.7	16,142.5
4	594.7		592.6	4	2,370.4	16,737.2
5	50.5		484.2	5	2,420.9	16,787.7
6		3,083.27			2,420.9	16,787.7
7	679.4		516.7	6	3,100.3	17,467.1
8	745.3		549.4	7	3,845.6	18,212.4
9	629.5		559.4	8	4,475.1	18,841.9
10	778.2		583.7	9	5,253.3	19,620.1
11	580.4		583.4	10	5,833.7	20,200.5
12	83.5		537.9	11	5,917.2	20,284.0
13		3,496.30			5,917.2	20,284.0
14	655.8		547.7	12	6,573.0	20,939.8
15	681.5		558.0	13	7,254.5	21,621.3
16	634.1		563.5	14	7,888.6	22,255.4
17	688.1		571.8	15	8,576.7	22,943.5
18	570.5		571.7	16	9,147.2	23,514.0
19	96.8		543.8	17	9,244.0	23,610.8
20		3,326.80			9,244.0	23,610.8
21	690.7		551.9	18	9,934.7	24,301.5
22	699.8		559.7	19	10,634.5	25,001.3
23	727.0		568.1	20	11,361.5	25,728.3
24	711.8		574.9	21	12,073.3	26,440.1
25	445.0		569.0	22	12,518.3	26,885.1
26	181.1		552.1	23	12,699.4	27,066.2
27		3,455.40			12,699.4	27,066.2
28	775.1				13,474.5	27,841.3
Month Total						
13,474.5						

2022	Daily	Total Week	Month Average	Day	Total Month	Total Quarter
2022	Daily	Total Week	Month Average	Day	Total Month	Total Quarter
March						
1	777.0		777.0	1	777.0	28,618.3
2	749.6		763.3	2	1,526.6	29,367.9
3	791.0		772.5	3	2,317.6	30,158.9
4	667.1		746.2	4	2,984.7	30,826.0
5	74.2		611.8	5	3,058.9	30,900.2
6		3,834.00			3,058.9	30,900.2
7	805.8		644.1	6	3,864.7	31,706.0
8	775.3		662.9	7	4,640.0	32,481.3
9			580.0	8	4,640.0	32,481.3
10			515.6	9	4,640.0	32,481.3
11			464.0	10	4,640.0	32,481.3
12			421.8	11	4,640.0	32,481.3
13		1,581.10			4,640.0	32,481.3
14			386.7	12	4,640.0	32,481.3
15			356.9	13	4,640.0	32,481.3
16			331.4	14	4,640.0	32,481.3
17			309.3	15	4,640.0	32,481.3
18			290.0	16	4,640.0	32,481.3
19			272.9	17	4,640.0	32,481.3
20		0.00			4,640.0	32,481.3
21			257.8	18	4,640.0	32,481.3
22			244.2	19	4,640.0	32,481.3
23			232.0	20	4,640.0	32,481.3
24			221.0	21	4,640.0	32,481.3
25			210.9	22	4,640.0	32,481.3
26			201.7	23	4,640.0	32,481.3
27					4,640.0	32,481.3
28		0.00	193.3	24	4,640.0	32,481.3
29			185.6	25	4,640.0	32,481.3
30			178.5	26	4,640.0	32,481.3

Chrin Brothers Sanitary Landfill 2022 Leachate Flow Summary

Leachate

Reading Date	Month	Reading	Monthly Flow	Gallons Per Day	GPD Per Acre	Quarterly Flows		
						Flow	Gal/Day	GPD/Ac
12/31/2021	DEC	18,970,844	1,205,254					
1/31/2022	JAN	327,946	913,112	29,455	279			
2/28/2022	FEB	2,010,076	1,682,130	60,076	569			
3/31/2022	MAR	0	-2,010,076	-64,841	-614	585,166	6,502	62
4/30/2022	APR	0	0	0	0			
5/31/2022	MAY	0	0	0	0			
6/30/2022	JUN	0	0	0	0	0	0	0
7/31/2022	JUL	0	0	0	0			
8/31/2022	AUG	0	0	0	0			
9/30/2022	SEP	0	0	0	0	0	0	0
10/31/2022	OCT	0	0	0	0			
11/30/2022	NOV	0	0	0	0			
12/31/2022	DEC	0	0	0	0	0	0	0
Total Yearly Flow			1,790,420	4,905	46			

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

From: Joe Klobusicky <jklobusicky@chrin.org>
Sent: Wednesday, March 2, 2022 1:16 PM
To: Faulch, Amy
Subject: [External] RE: odor on Spring Valley Rd.
Attachments: Odor Complaint followup March 2 2022.pdf; march 2 2022.pdf

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Hi Amy,

I did a patrol to Spring Valley Road. I got a light intermittent trash odor. The water truck is at the working face and we will be deploying additional misters. Report attached with map and photo.

Tom will be doing another patrol later today. Please let me know if you need anything else. Thanks.

Time	Temperature	Humidity	Wind	Speed	Gust	Pressure
9:44 AM	42.5 °F	58 %	West	3.1 mph	3.8 mph	29.84 in
9:49 AM	42.7 °F	58 %	WNW	3.1 mph	4.0 mph	29.83 in
9:54 AM	43.0 °F	58 %	WNW	2.1 mph	2.7 mph	29.83 in
9:59 AM	43.1 °F	56 %	WNW	3.1 mph	4.0 mph	29.83 in
10:04 AM	43.1 °F	56 %	WSW	2.5 mph	3.2 mph	29.83 in
10:09 AM	43.2 °F	56 %	WNW	3.0 mph	3.6 mph	29.84 in
10:14 AM	43.4 °F	56 %	WNW	3.7 mph	4.8 mph	29.84 in
10:19 AM	42.8 °F	56 %	West	1.9 mph	2.4 mph	29.84 in
10:24 AM	43.6 °F	55 %	NNW	2.5 mph	3.5 mph	29.84 in
10:29 AM	44.2 °F	54 %	WNW	2.5 mph	3.2 mph	29.84 in
10:34 AM	44.5 °F	53 %	West	2.1 mph	2.7 mph	29.83 in
10:39 AM	44.7 °F	54 %	WSW	2.4 mph	3.0 mph	29.83 in
10:44 AM	44.0 °F	54 %	West	4.6 mph	5.5 mph	29.83 in
10:49 AM	43.3 °F	54 %	West	4.1 mph	4.9 mph	29.83 in
10:54 AM	43.4 °F	54 %	WNW	3.2 mph	4.0 mph	29.83 in
10:59 AM	44.0 °F	54 %	West	3.8 mph	4.5 mph	29.83 in
11:04 AM	43.7 °F	55 %	WSW	3.8 mph	4.9 mph	29.83 in
11:09 AM	44.3 °F	53 %	West	3.1 mph	4.0 mph	29.83 in
11:14 AM	44.4 °F	53 %	West	3.5 mph	4.4 mph	29.84 in
11:19 AM	44.4 °F	53 %	West	3.5 mph	4.3 mph	29.84 in
11:24 AM	44.7 °F	53 %	WSW	2.2 mph	2.9 mph	29.84 in
11:29 AM	45.2 °F	53 %	West	3.3 mph	4.1 mph	29.84 in
11:34 AM	45.0 °F	52 %	West	3.7 mph	4.7 mph	29.84 in
11:39 AM	44.9 °F	51 %	West	4.2 mph	5.2 mph	29.84 in
11:44 AM	45.1 °F	50 %	WSW	3.4 mph	4.3 mph	29.83 in
11:49 AM	45.4 °F	50 %	West	4.0 mph	5.0 mph	29.84 in
11:54 AM	45.0 °F	49 %	West	4.3 mph	5.1 mph	29.83 in
11:59 AM	45.4 °F	49 %	West	4.3 mph	5.5 mph	29.82 in
12:04 PM	46.0 °F	49 %	WSW	4.8 mph	6.2 mph	29.82 in

12:09 PM	45.9 °F	49 %	West	3.8 mph	4.9 mph	29.82 in
12:14 PM	45.9 °F	48 %	West	4.2 mph	5.1 mph	29.82 in
12:19 PM	46.0 °F	48 %	West	5.0 mph	5.8 mph	29.82 in
12:24 PM	46.7 °F	49 %	WSW	4.5 mph	5.6 mph	29.82 in
12:29 PM	46.4 °F	50 %	WSW	2.6 mph	3.4 mph	29.81 in

Sincerely,

Joe Klobusicky
Chrin Companies

From: Faulch, Amy <a Faulch@pa.gov>
Sent: Wednesday, March 2, 2022 11:15 AM
To: Joe Klobusicky <jklobusicky@chrin.org>
Subject: odor on Spring Valley Rd.

Hi Joe,

I was just out in the Chrin area, and I got a brief garbage odor at the end of Spring Valley Rd. around 10:00. If available, could someone from Chrin follow-up in this area today?

Thank you,

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

Landfill Complaint/Incident Form

For Complaint ID:

Attn.: file

CONTACT INFORMATION:

Received via: **PADEP email** Visit o
Letter **Spring Valley Road**

Name: Spring Valley Road - PADEP

Date: 3/2/2022

Telephone No.: _____ Time: approx. 10:00AM

Address: Spring Valley Road

Type / Description: Trash Odor

Action to Confirm:

The complaint was received via email from a PADEP representative Amy Faulch on Spring Valley Road approximately 11:15am. Joe Klobusicky did followup.

Follow-Up:

11:25 – leave landfill site

11:30am – Morgan Hill curve – no odor noted

11:40am – arrive at cell tower. No initial odor noted. At approximately 11:45 there was a light intermittent trash odor noted. This continued for several minutes as the wind shifted. There was also noise noted from the drilling rig that is used to blasting preparation.

12:00pm – left cell tower and proceeded on Spring Valley Road. There was no odor on Spring Valley Road.

12:15pm -arrive at the working face. The water truck / sprayer was situated at the working face directly at the truck dumping area. Additional misters will be deployed. There was odor directly at the working face.

Additional patrols will be done this afternoon.

Additional Information:

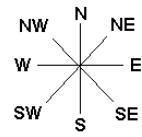
No nuisance loads at the time of complaints. Residential route trucks with MSW were dumping at the time.

Landfill Complaint/Incident Form

For Complaint ID:

Attn.: file

Location map – March 2 2022



**Drilling
Operation**

**Working
Face**

Cell Tower

**Spring
Valley
Road**

Landfill Complaint/Incident Form

For Complaint ID:

Attn.: file

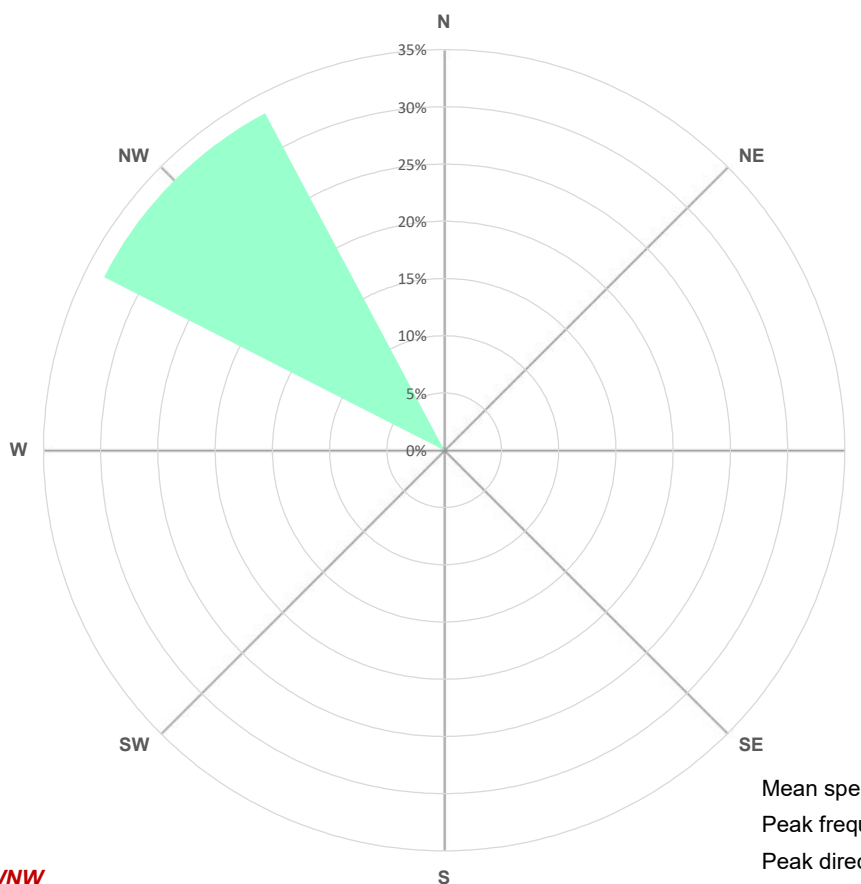
Photo from Cell Tower Looking toward workng face





Chrin Landfill

March 2, 2022 - 10:00am



Wind speed (mph)

- 72.00 to 999.00
- 63.00 to 72.00
- 54.00 to 63.00
- 46.00 to 54.00
- 38.00 to 46.00
- 31.00 to 38.00
- 24.00 to 31.00
- 18.00 to 24.00
- 12.00 to 18.00
- 7.00 to 12.00
- 3.00 to 7.00
- 1.00 to 3.00

Temp - 43
WS - 4-8
WD - WSW / WNW
Bp - 29.83
Rh - 56%

Mean speed: 2.00
Peak frequency: 33.33%
Peak direction: NW
Percent calm: 0.00%
Calm defined as: < 1.00 mph

Faulch, Amy

From: Joe Klobusicky <jklobusicky@chrin.org>
Sent: Tuesday, March 8, 2022 6:54 AM
To: Faulch, Amy; Katie Faubert; Melody Ernst; Mikal Sabatine
Subject: [External] Fwd: gas well drilling

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From: Charlie R Chrin <charliec@chrin.org>
Sent: Tuesday, March 8, 2022 6:46:35 AM
To: Joe Klobusicky <jklobusicky@chrin.org>
Subject: RE: gas well drilling

Joe,

Drillers won't be starting to drill until tomorrow morning but John B has the finalized depth schedule.

Its approximately 400 feet of drilling, 8 new gas wells all of which are located on the upper section of the 3D/3E area. Once I have the detail from John, I'll send it over to you.

Charles R Chrin

Chrin Brothers Landfill
Easton, PA 18042

(610) 258-8737 Office
(484) 544-9082 Cell

From: [Joe Klobusicky](#)
Sent: Tuesday, March 8, 2022 4:10 AM
To: [Charlie R Chrin](#); [Justin Souders](#); [Tom McMonigle](#)
Cc: grchrin@gmail.com; nnichols211@gmail.com
Subject: RE: gas well drilling

Anything on this?

From: Joe Klobusicky
Sent: Monday, March 7, 2022 8:28 AM
To: Charlie R Chrin <charliec@chrin.org>; Justin Souders <jsouders@chrin.org>; Tom McMonigle <tmcmonigle@chrin.org>
Cc: grchrin@gmail.com; nnichols211@gmail.com
Subject: gas well drilling
Importance: High

Can I get a summary of the gas well drilling that is starting tomorrow? Number of wells, Location plan, detail (depths,.....)

Joe k

Faulch, Amy

From: Joe Klobusicky <jklobusicky@chrin.org>
Sent: Wednesday, March 9, 2022 2:48 PM
To: Faulch, Amy
Cc: Madden, Christopher
Subject: [External] FW: 2022 Gas Well Drilling Detail
Attachments: 2022 Gas Well Layout Plan_FINAL.pdf; Chrin 2022 Depth Schedule_FINAL.pdf

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Hi Amy,
Here are the details for the current drilling project.

Joe k

From: Charlie R Chrin <charliec@chrin.org>
Sent: Wednesday, March 9, 2022 2:47 PM
To: Joe Klobusicky <jklobusicky@chrin.org>
Subject: 2022 Gas Well Drilling Detail

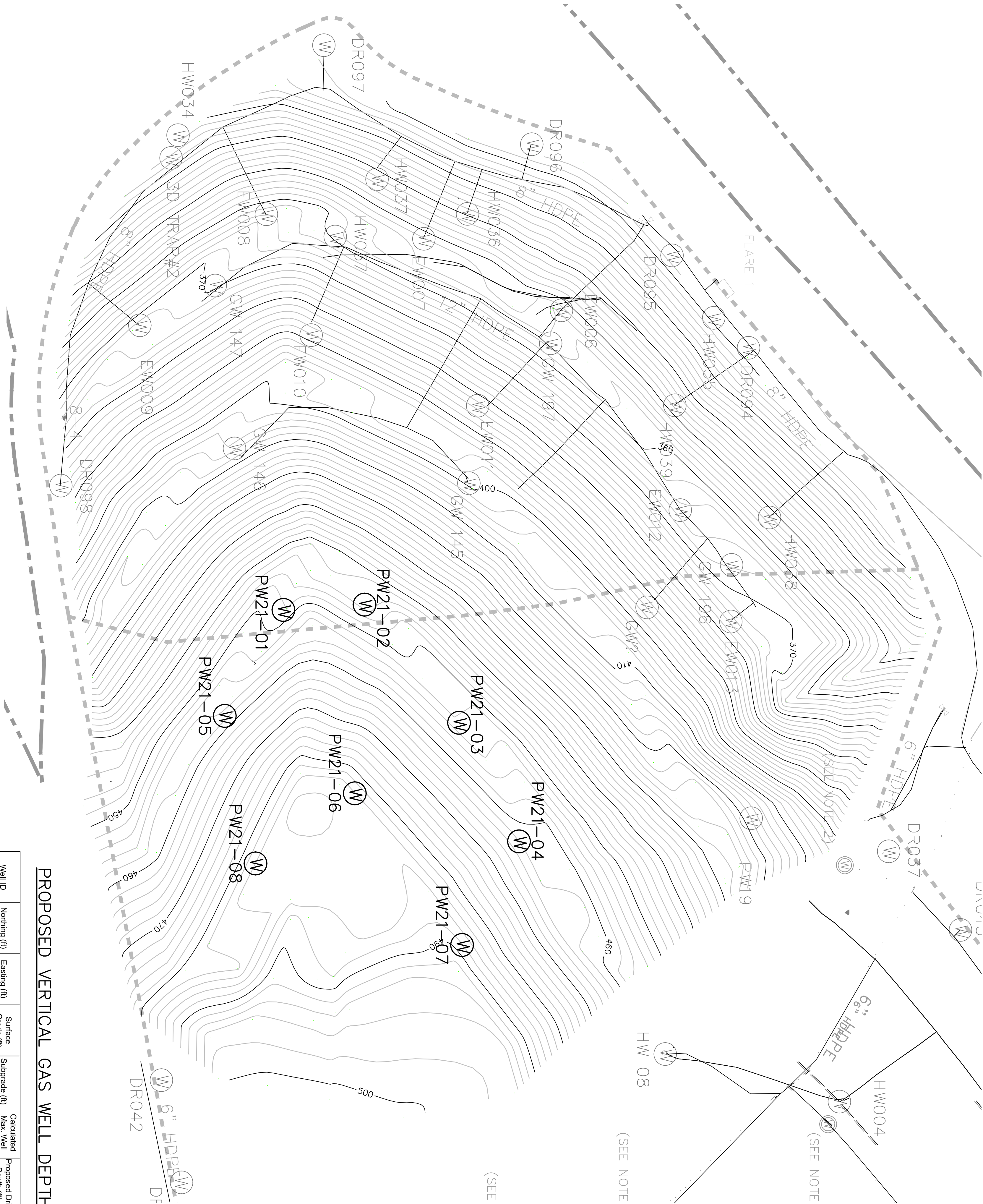
Joe,

See the attached drilling depth schedule and location detail.

Charles R Chrin

Chrin Brothers Landfill
Easton, PA 18042

(610) 258-8737 Office
(484) 544-9082 Cell



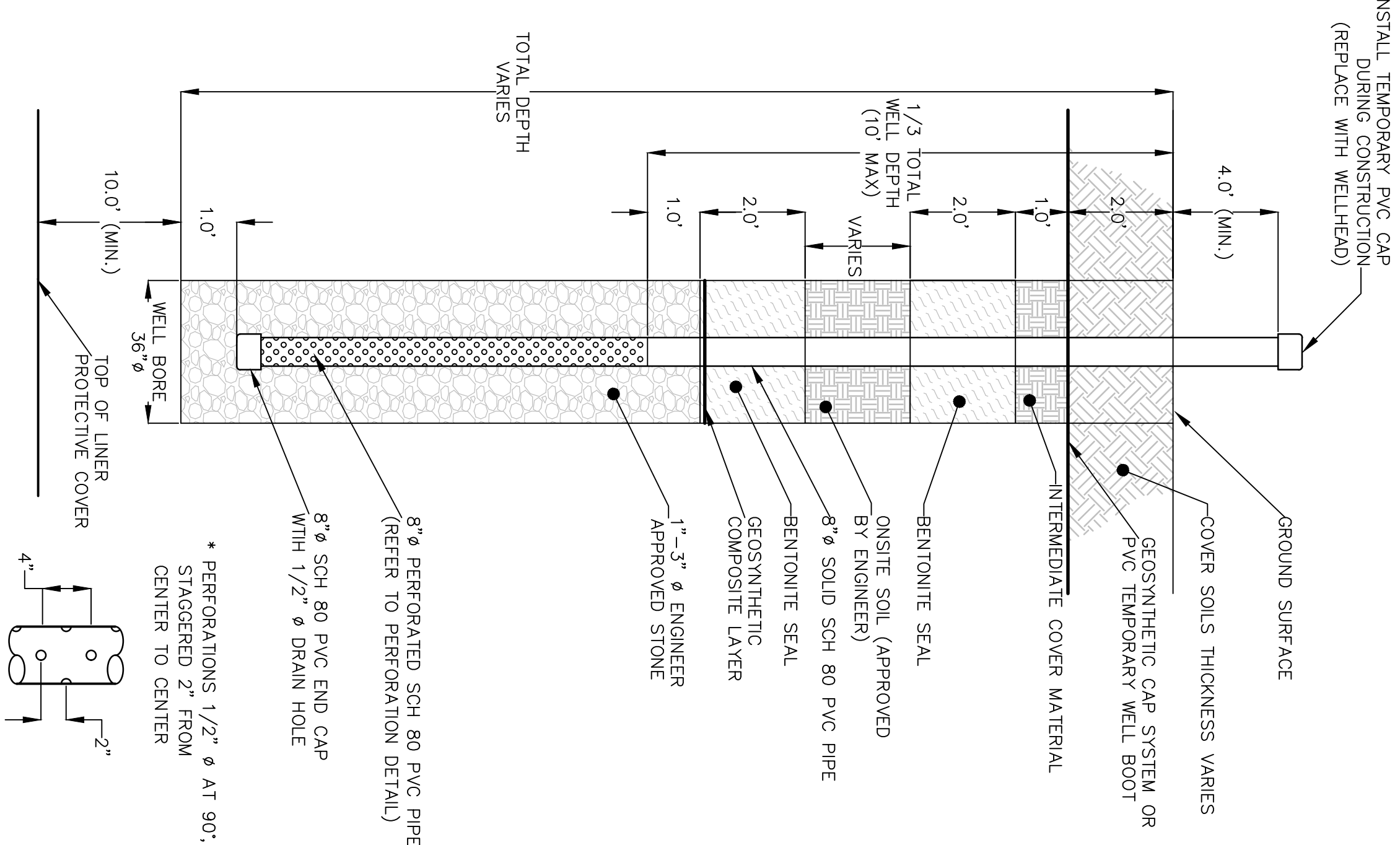
Well ID	Northing (ft)	Easting (ft)	Surface Grade (ft)	Subgrade (ft)	Calculated Max. Well Depth (ft)	Proposed Drill Depth (ft)	Solid Pipe (ft)	Perf. Pipe (ft)
PW21-01	10640.48	10000.07	446	374	55	55	12	43
PW21-02	10711.95	9997.17	440	364	59	59	12	47
PW21-03	10795.29	10099.53	450	377	55	55	12	43
PW21-04	10848.08	10203.98	461	414	30	30	12	18
PW21-05	10588.84	10093.43	455	400	37	37	12	25
PW21-06	10703.40	10161.62	483	407	58	58	12	46
PW21-07	10797.93	10285.20	487	446	25	25	12	13
PW21-08	10616.12	10223.63	483	433	33	33	12	21

- NOTES:
- THE SCHEDULE PROVIDED HAS BEEN CONFIRMED AND IS APPROVED FOR CONSTRUCTION.
 - COA PERSONNEL SHALL CONFIRM STAKED LOCATIONS PRIOR TO DRILLING.
 - DEPTH SCHEDULE BASED ON A 15-FOOT SEPARATION BETWEEN THE BOTTOM OF BORE HOLE AND THE TOP OF LINER SYSTEM.

PROPOSED VERTICAL GAS WELL DEPTH SCHEDULE

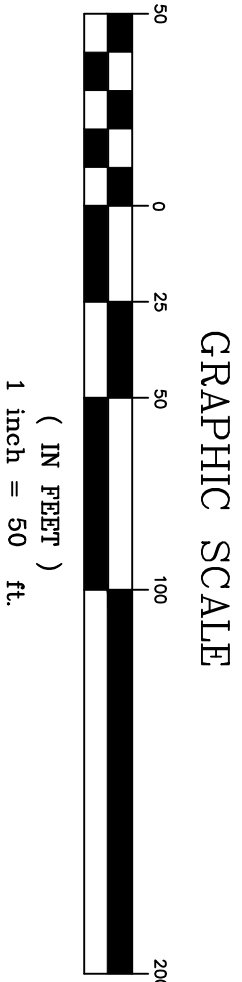
- LEGEND
- EXISTING STAGE BOUNDARIES
 - PERMIT BOUNDARIES
 - 550' EXISTING GRADE CONTOUR
 - EXISTING GAS SYSTEM PERFORATED PRING
 - EXISTING GAS SYSTEM PIPING
 - 8" HDPE EXISTING VERTICAL GAS WELL
 - BURIED GAS COLLECTION DEVICE
 - DECOMMISSIONED GAS COLLECTION DEVICE
 - EXISTING REMOTE WELHEAD CONNECTION
 - INSTALLED GAS COLLECTION WELL
 - PROPOSED GAS COLLECTION WELL
- GW-187
PW21-01

- NOTE:
- BASEMAP AND TOPOGRAPHY PREPARED BY EARTHRES ON DECEMBER 15, 2020 AND UPDATED WITH SURVEY PROVIDED BY CHRIN.
 - GAS SYSTEM LAYOUT PROVIDED BY CHRIN LANDFILL ON APRIL 10, 2021.



VERTICAL GAS EXTRACTION WELL (TYP.)
NOT TO SCALE

- NOTE:
- BENTONITE SHALL BE PELLET TYPE AND MUST BE THOROUGHLY HYDRATED DURING PLACEMENT.
 - USE 10-50LB BAGS PER 1-FOOT OF PLUG IN 36-INCH DIAMETER BOREHOLE. (40-BAGS TOTAL PER WELL)



ISSUED FOR CONSTRUCTION

DRAWN BY: SMC		CHECKED BY: JDB		2022 GAS SYSTEM CONSTRUCTION PLAN				PREPARED BY:		PREPARED FOR:																			
DATE: 3/7/2022		PROJECT NO: 081022.097						HEADQUARTERS PHILADELPHIA REGION P. O. Box 468 6912 Old Easton Road Pipersville, PA 18847						APALACHIAN REGIONAL OFFICE P. O. Box 794 8000 Coombs Farm Drive Morgantown, WV 26505		CHRIN BROTHERS, INC.													
DRAWING NUMBER: G-01				GAS MANAGEMENT SYSTEM CHRIN BROTHERS SANITARY LANDFILL FACILITY I.D.: 100022 WILLIAMS TOWNSHIP, NORTHAMPTON COUNTY, PA				 EARTHRES ENGINEERING FOR SUCCESS™ www.earthres.com																					
SHEET 1 OF 1																								NO. DATE BY REVISIONS					

**Chrin Brothers Sanitary Landfill
Landfill Gas Management System
2022 Gas Well Schedule**

**ISSUE FOR CONSTRUCTION
3/8/2022**

Vertical Gas Well Schedule

Well ID	Northing (ft.)	Easting (ft.)	Surface Grade (ft.)	Surface Rounded Dn (ft.)	Subgrade Elevation (ft.)	Subgrade Rounded Up (ft.)	+ 1' = Top of Liner	+ 15' buffer = well bottom	Calculated Max. Well Depth (ft.)	Proposed Drill Depth (ft.)	Solid Pipe (ft.)	Perf Pipe (ft.)
PW21-01	10640.479	10000.069	445.9	445	373.63	374	375	390	55	55	12	43
PW21-02	10711.953	9997.173	440.1	440	364.17	365	366	381	59	59	12	47
PW21-03	10795.288	10099.529	450.0	449	377.25	378	379	394	55	55	12	43
PW21-04	10848.080	10203.976	460.5	460	413.88	414	415	430	30	30	12	18
PW21-05	10588.838	10093.433	454.9	454	400.06	401	402	417	37	37	12	25
PW21-06	10703.404	10161.621	482.9	482	407.21	408	409	424	58	58	12	46
PW21-07	10797.934	10295.199	487.5	487	445.81	446	447	462	25	25	12	13
PW21-08	10616.116	10223.630	483.4	483	433.05	434	435	450	33	33	12	21

Total Drilled Feet: 352
Piping Quantity (includes 5' stick-up): 136
256

Total:	352	136	256
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Notes:

1. Surface grade elevations were confirmed by aerial survey performed by Chrin Landfill personnel on personnel on 3/3/2022 and 3/7/2022.
2. Subgrade elevations were determined based upon ACAD drawings containing as-built subgrade survey elevations provided by Chrin Landfill.

Depth Check Verification:

Proposed well depths were calculated using the latest topography and the subgrade drawings provided by Chrin. A minimum separation distance of 15 feet was used between the bottom of the drilled hole and the liner system grades. Depths presented herein have been checked and confirmed by EARTHRES, and are only approved for construction if signed below.

Limitation:

Data provided in the above table is valid only for the listed northing and easting locations provided at the current grade elevations. Relocation of the wells or changes in grade elevations will require additional field survey and depth check verification prior to drilling.

Based on the available data provided by Chrin Landfill and good engineering practices, we believe that the data presented in this table is suitable for construction.

EARTHRES Signatures / Date:

Smartwellen 3/8/22
John Becht 3/8/22

File Distribution:

PA DEP NERO WM File-thru A. Faulch
Facility-sent via Email PDF
Williams Township- sent via Email PDF
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AQ: C. Madden /M. Bardzilouskas (email PDF)
M. Glogowski (email PDF)
R. Malizia (email PDF)
M. Vipond (email PDF)
A. Faulch (PDF)

Chrin: Joseph Klobusicky
jklobusicky@chrin.org

Williams Township: Melody Ernst
mernst@williamstwp.org