2540-FM-BWM0131 6/2005

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

DEC 13 2021
LOWER SAUCON TOWNSHIP

Inspection ID 3291749

Field Code NA

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL

Site I.D. 255983
Site Name Bethlehem Landfill Company
Address 2335 Applebutter Road
Bethlehem, PA 18015
Municipality Lower Saucon Township
Responsible Official Astor Lawson
Person Interviewed Astor Lawson
Inspector Mathew Vipond, Amy E. Faulch

Telephone # 610-317-3200
Operator Name Bethlehem Landfill Company
Address 2335 Applebutter Road
Bethlehem, PA 18015
County Northampton
Title District Manager
Title District Manager
Title Environmental Trainee, Solid Waste Supervisor

eFACTS ID # PF 268729 SF 266826

Comment: Additional eFACTS # 3281083, 3291745, 3291749, 3291755

Inspection Date: 11/17/2021 Type: RTNC Results: **OUTNO** Resolved: / /

Permit Expiration Date: 4 / 17 / 2023 Days/Week Operated: 6 Max. Daily Volume: 1800

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

STATUS 1	2	3	4	REVISION	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
				GENERAL PROVISIONS			
☒	☐	☐	☐	Required insurance in effect (expiration date **08/01/2022**	☐	271.371	1
☐	☐	☒	☐	Operation in accordance with approved plans and permit.	☒	273.201(c)(2)	2
☒	☐	☐	☐	Operation within permit boundaries (vertical and horizontal).	☐	273.201(c)(2)	3
☒	☐	☐	☐	Disposal Timing and sequence as per Section 273.112(1).	☐	273.201(c)(2)	4
☒	☐	☐	☐	No unapproved wastes or liquids.	☐	273.201(d)-(m)	5
☒	☐	☐	☐	Isolation distances are adhered to.	☐	273.202(a)	6
☒	☐	☐	☐	Facilities certification requirements followed.	☐	273.203(a), (b)	7
☒	☐	☐	☐	Written Department approval of new construction prior to waste disposal.	☐	273.203(c)	8
				DAILY OPERATIONS			
☒	☐	☐	☐	Proper signs posted.	☐	273.211(a)	9
☒	☐	☐	☐	Site perimeter clearly marked and grid coordinate system in use.	☐	273.311(b)-(d)	10
☒	☐	☐	☐	Proper barriers installed around site and access controlled when attendant not present.	☐	273.212(a)-(i)	11
☒	☐	☐	☐	Access roads maintained and negotiable by collection vehicles.	☐	273.213(a)-(i)	12
☒	☐	☐	☐	Approved means of measuring and inspected waste utilized.	☒	273.214(a), (b)	13
☒	☐	☐	☐	Adequate equipment on-site and stand-by equipment available.	☐	273.215(a), (b)	14
☒	☐	☐	☐	Vehicles directed promptly to unloading area and promptly unloaded.	☐	273.216(a), (b)	15
☒	☐	☐	☐	Solid waste spread and compacted as approved by Department as part of permit.	☐	273.216(c)	16
☐	☐	☒	☐	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
☐	☐	☒	☐	Operator complies with Air Quality Plan approval and Air quality Operating Permit.	☐	273.217(b)	18

ROUTING ☑ Council ☑ Manager ☐ Asst. Mgr. ☐ Zoning ☐ Finance ☐ Police ☐ P. Works ☐ P/C ☐ P & R ☐ EAC ☐ Engineer ☐ Solicitor ☐ Planner ☑ Landfill ☐ ENC ☑ Other website

Site Name: Bethlehem Landfill Company
ID Number: 100020
Date: 11/17/21

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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

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

Site Name: Bethlehem Landfill Company
ID Number: 100020
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INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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

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

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STATUS 1	2	3	4	GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
☒	☐	☐	☐	Soil erosion and sedimentation controls designed and implemented as per approved plans; gullies over nine inches repaired.	☐	273.242(a)-(c)	63
☐	☐	☒	☐	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			
☒	☐	☐	☐	Liner system designed, constructed, operated, and maintained when required.	☐	273.251(a), (b)	65
☒	☐	☐	☐	Edge of liner requirements adhered to (i.e., no waste within 25 feet if 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
☒	☐	☐	☐	Leachate detection zone monitored weekly.	☐	273.255(c)	67
☒	☐	☐	☐	Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	☐	273.257(a)	68
☒	☐	☐	☐	Protective cover meets minimum requirements and at least 18 inches thick.	☐	273.257(b)	69
☒	☐	☐	☐	Leachate collection system within protective cover meets minimum requirements.	☐	273.258(a), (b)	70
☒	☐	☐	☐	Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.	☐	273.259(a)-(d)	71
☒	☐	☐	☐	8 feet of select waste placed over protective cover.	☐	273.260	73
				LEACHATE TREATMENT			
☒	☐	☐	☐	Leachate collected and handled through Department approved method(s).	☐	273.272(a)-(c)	74
☒	☐	☐	☐	Leachate transportation requirements adhered to.	☐	273.273(a)-(c)	75
☒	☐	☐	☐	Cessation of site operation if alternate leachate handling not available.	☐	273.273(d)	76
☐	☒	☐	☐	Leachate treatment system permitted and fully operational at least 3 years before closure.	☐	273.273(e)	77
☐	☒	☐	☐	Leachate recirculation in accordance with regulations.	☐	273.274(1)-(4)	78
☒	☐	☐	☐	Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	☐	273.275(a)-(f)	79
☒	☐	☐	☐	Leachate flow rate measured daily; analyzed quarterly.	☒	273.276(a)-(b)	80
☒	☐	☐	☐	Department notified when remedial action(s) required.	☐	273.277(1)-(4)	81
				WATER QUALITY MONITORING			
☒	☐	☐	☐	Approved monitoring system installed and maintained.	☐	273.281(a), (b) & 273.283	82
☒	☐	☐	☐	Quarterly and annual monitoring requirements adhered to and results submitted Department within time constraints.	☐	273.284 & 273.285	83
☒	☐	☐	☐	Groundwater assessment plan submitted and implement as required.	☐	273.286(a)-(g)	84
☒	☐	☐	☐	Groundwater abatement plan submitted and implemented as required.	☐	273.287(a)-(f)	85
				RECORDKEEPING AND REPORTING			
☒	☐	☐	☐	Operational records maintained, available and submitted as required.	☐	273.288 & 273.311-273.313	86
☒	☐	☐	☐	Daily Operational Records kept in accordance with regulations for the life of the facility bond or longer if necessary.	☐	273.311(d)	87

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INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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STATUS 1	2	3	4	GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
☒	☐	☐	☐	Operator submits quarterly operation report.	☐	273.312	88
☒	☐	☐	☐	Operator submits annual operation report with fee.	☐	273.313	89
				MINERALS AND GAS	☐		
☐	☐	☒	☐	Gas venting and monitoring in accordance with approved plans.	☒	273.292(a)-(d)	90
☐	☐	☒	☐	Combustible gas levels not exceeded.	☒	273.292(e)	91
☐	☐	☒	☐	Forced gas venting if required.	☒	273.292(f)	92
☐	☐	☒	☐	Gas recovery conducted as per approved plan and §273.293, including annual analysis.	☒	273.293(a), (b)	93
				EMERGENCY PROCEDURES			
☒	☐	☐	☐	Contingency plan implemented if there is an emergency.	☐	273.303(a)-(c)	94
				RECYCLING			
☒	☐	☐	☐	Operator shall salvage and recycle waste in accord with recycling plan. (273.196)	☐	273.331(a)	95
☒	☐	☐	☐	Salvaging and recycling controlled by operator and prevents interference within operations and prevents health hazardous nuisance.	☐	273.331(b)	96
☒	☐	☐	☐	Salvaged materials stored in an approved area or transported offsite.	☐	273.331(c)	97
☒	☐	☐	☐	Drop off center established for at least three recyclables.	☐	273.332(a)	98
☒	☐	☐	☐	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
☒	☐	☐	☐	Approved public notice of availability of drop off center availability is provided.	☐	273.332(d)	100
☒	☐	☐	☐	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			
☒	☐	☐	☐	Special handling and residual wastes disposed with prior Department approval, and in accordance with permit and Chapter 273.	☐	273.501	102
☐	☒	☐	☐	Infectious waste disposal restrictions adhered to.	☐	273.511(a)-(d)	103
☐	☒	☐	☐	Chemotherapeutic waste disposal restrictions adhered to.	☐	273.512	104
☐	☒	☐	☐	Sewage sludge co-disposal and monofill requirements followed.	☐	273.513	105
☐	☒	☐	☐	Sewage sludge sampling requirements adhered to and sludge meets standards for control of pathogens, vectors, and odors.	☐	273.513(c)	106
☐	☒	☐	☐	Disposal of municipal waste incineration ash in landfill or landfill cell that meets Chapter 273 requirements.	☐	273.514(a)	107
☐	☒	☐	☐	Ash residue disposal in dedicated landfill or landfill cell unless co-disposal in accordance with Chapter 273 (including leachability treatment).	☐	273.514(b)	108
☐	☒	☐	☐	Ash residue covered immediately or as approved by the Department.	☐	273.514(c)	109

Site Name Bethlehem Landfill Company
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Date 11/17/21

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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

STATUS 1	2	3	4	GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
				BONDING AND INSURANCE			
☒	☐	☐	☐	Bond filed with Department.		271.312	110
☒	☐	☐	☐	Bond maintained in an amount and with guarantees as required. Bond amount $_____ Phased deposit due date. __/__/____		271.333(b)	111
☒	☐	☐	☐	Proof of a commercial policy of liability insurances submitted to the Department as specified by 271.374. Policy #HDOG72482547 Insurer (company name) ACE American Insurance Company Expiration Date: 8/1/2022		271.374	112
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

INSPECTION REPORT COMMENTS

Date of Inspection 11/17/2021 **Identification Number** 100020

Company/Facility/Site Name Bethlehem Landfill Company

Comments:

The PA Department of Environmental Protection ("Department") conducted a routine complete inspection on November 17, 2021 at Bethlehem Landfill Company ("BLC"). Representing the Department was Mathew Vipond ("this inspector") and Amy Faulch. Mathew Glogowski and Damian Knepper were also conducting a concurrent engineering inspection at BLC at the time of this inspection. Cody White provided the site tour. Cody White, Astor Lawson and Phillip Garcia met with inspectors at the conclusion of the inspection. Weather was sunny, 37°, winds E/NE 3 MPH, 77% humidity.

11/17/21 SITE TOUR:

Prior to entering the landfill, this inspector and Ms. Faulch conducted an odor patrol in the areas surrounding the landfill. A slight, intermittent wood burn odor was detected on Riverside Drive near the corner of Mathews Avenue. A slight, intermittent fishy odor was detected on Sherry Hill Drive near the intersection of Ringhoffer Rd. A slight, intermittent garbage odor was detected on Applebutter Road adjacent to the working face. A moderate, persistent sewage odor was detected on Applebutter Road adjacent to the wastewater treatment plant. A moderate, persistent sewage odor was detected on Skyline Drive near the confluence Applebutter Rd. No other offsite odors were detected during this odor patrol.

Prior to entering the landfill boundary, a street sweeper was observed performing street cleaning on Applebutter Road. No tracked mud or litter was observed on the road.

All signage was clearly posted at the entrance to the facility.

These inspectors entered the landfill at 0925 hours.

During the site tour, this inspector and Ms. Faulch conducted surface monitoring using a TVA-2020 flame-ionizing detector (FID) in the northwest area of the landfill. While walking the slopes in this area, this inspector observed some flagging and garbage odors in the recent working face area in Phase III/IV. A gas odor and methane reading of 164 parts-per-million (PPM) was noted at the edge of the temporary cap area just south of the access road. Gas odors and elevated methane readings were noted at the following wells: EW433R2 (>10,000 PPM); HW4-08 (5900 PPM); HW4-21 (670 PPM); and HW4-35 (130 PPM). Gas odors and an elevated methane reading of 1000 PPM was detected along a temporary surface gas line near HW4-21 and HW4-22. Elevated surface emissions readings between 100-1000 PPM were noted on the slope just north of HW4-35, in the ditch along the north access road, and on the slope south of LC-19. Elevated methane readings between 91-1100 PPM were noted at several leachate cleanout pipes along the north access road. See attached Surface Methane Monitoring Field Sheet for details.

The landfill was utilizing the truck wash west of the scalehouse and trucks were observed throughout the inspection being spray-cleaned to reduce dust and tracking.

The flare was in operation with a temperature of 1663°F and a flow rate of 3224 cfm.

All roads were drivable and properly graded. Dust was observed on the road leading to the upper deck. No water truck was observed onsite during the inspection. Astor Lawson later stated that the water truck was in the repair shop. BLC is reminded to ensure that standby equipment is available if primary vehicles are offline, in accordance with 25 Pa. Code §273.215(a-b).

BLC was operating their working face in SE2-AB Phase I at the eastern end of the landfill. One compactor and one front-loader were pushing waste in the cell. Several commercial trucks were on the deck tipping onto the disposal pad. The large truck tipper was being utilized. Birds were observed at the active waste cell. No moderate or strong odors were detected west of the working face. BLC's western perimeter line misters were in operation, and litter fencing was observed in both working face areas. BLC is still in the process of installing odor line misters at the east end of the landfill. BLC is using a tarp for daily cover. Intermediate cover in the upper slopes west of the working

face showed flagging. BLC is reminded to ensure that exposed waste is covered to prevent wind-blown litter and comply with regulatory requirements. Operator stated that topsoil will be applied to areas of exposed waste.

Moderate, intermittent odors of landfill gas were detected on the upper deck west of the working face.

An erosion gully west of the maintenance yard showed standing water. BLC is reminded to repair area to comply with soil erosion and sedimentation requirements.

Sedimentation pond #4 was observed and is still only partially cleaned out. Operator has contracted with third-party consultant to begin work in early 2022 on complete cleanout.

These inspectors concluded the site tour at 12:40 pm.

ODOR COMPLAINT INVESTIGATIONS:
The Department received fourteen odor complaints since the last inspection on 10/14/2021. Complaints were followed up with odor patrols conducted by the Department on 11/5/21, 11/16/21, 11/17/21, 11/30/21 and 12/6/21. See attached odor patrol logs. BLC's odor patrol logs and gas data were reviewed as part of this inspection.

Line item #13: Overweight truck logs revealed the following number of overweight trucks since the last inspection:
October: 61
November: 53

Line items #17, 20-23: BLC's odor patrol logs, gas data and site inspection logs were reviewed. BLC conducted fourteen odor patrols in October. BLC's odor patrols and odor control measures appear to be following their Nuisance Minimization and Control Plan.

Line item #24: Daily tonnages were reviewed from October 15 to date. There did not appear to be any exceedances of the 1800 ton daily limit. The greatest one-day tonnage was as follows:
October 12: 1796 tons

Line item #26-31: Daily radiation monitor checks were reviewed since the last inspection. Records appeared complete. BLC has had the following radiation hits since the 10/14 inspection:
11/04/21: I-131, disposed on site.
11/08/21: I-131, disposed onsite.
11/11/21: I-131, disposed onsite.
11/11/21: I-131, disposed onsite.
11/11/21: TC-99, disposed onsite.
11/23/21: I-131, disposed onsite.

Line item #52: BLC is reminded to maintain intermediate cover in accordance with the performance standards in 25 Pa. Code § 273.233.

Line item #57: A Notice of Violation was issued to BLC on 4/29/20 for a violation of 25 Pa. Code § 273.234(b). BLC has responded to the Notice of Violation, however the violation remains outstanding.

Line item #64: BLC is reminded to ensure they are maintaining their sedimentation basins and other erosion and sedimentation (E&S) controls in accordance with their approved E&S Plan.

Line item #80: Leachate flow rates:
October: 707,972 gallons
November: 633,672 gallons

Line item #90-93: Several elevated methane readings were identified at gas wells, leachate cleanout pipes, and general surface emissions in the area surveyed at the northwestern portion of the landfill. BLC is reminded to implement their gas control and monitoring plan to effectively monitor gas collection for nuisance potential, in accordance with 25 Pa. Code § 273.292(a) and Permit 100020 Part III Section I Condition VII-1.

Additional compliance note:
BLC's 4th Quarter 2021 Groundwater sampling event was rescheduled without prior notice to the Department. BLC is reminded to notify the Department in writing at least five (5) days prior to the collection of any samples required by their permit, in accordance with Permit 100020 Part III Section IV Condition 13.

This concludes this inspection report.

Person Interviewed Sent to Facility via Email Date

(Signature)

Inspector Date 12/13/2021

(Signature)

Surface Methane Monitoring Field Sheet

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Landfill	BLC	**Inspection Date**	11/17/21
Specialist	A. FAULCH / M. VIPOND	**Date Instrument was last calibrated**	11/16/21
Background Location	KINGSTON PARK	**Background Value (FID Reading ppm)**	4.4

Time	Location	FID Reading ppm	Comment
10:02	COLL OF LINER	~~17~~ 164 MV	GAS ODOR
10:06	NW CW ~~475~~ 457R	40	
10:15	CW 433R2	10000+	ODOR LFG
10:17	EW 4-41R	12	
10:18	HW 4-39	8	
10:21	~~[illegible]~~ HW4-08	5900	ODOR LFG
10:24	FILL TOE 1	30	GARBAGE ODOR
10:25	HW 4-21	670	LFG ODOR
10:26	TEMP LINE	1000	"
10:28	HW4-22	51	
10:30	HW4-33	90	
10:30	HW4-35	130	
10:32	SLOPE JUST N. OF HW4-35	100	
10:33	DITCH AT NORTH ACCESS ROAD	1000	

Surface Methane Monitoring
Field Sheet

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Landfill	BLC	**Inspection Date**	11/17/21
Specialist	A. FAULCH / M. VIPOND	**Date Instrument was last calibrated**	11/16/21
Background Location		**Background Value (FID Reading ppm)**	

Time	Location	FID Reading ppm	Comment
10:34	DECOMMISSIONED PIPE	MX ~~50~~ 700	
10:36	2 LEACHOUT W/ CLEANOUTS RD ACCESS	1102	
10:37	CLEANOUT 84 CKD 12	91	
1041	NEAR LC-19 LOWER	130	LFG ODOR
10:43	SOUTH OF LAST POINT 50 FT.	300	
10:44	" 20 FT	7	
10:51	LC-20	19	
10:51	HW4-18	82	
10:53	EW4-48	29	

Investigator: A Faulch Date: 11/5/21

Weather Conditions: Sunny. 48°F Wind NW @ 6 mph, 45% Hr

CASE: Bethlehem 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)	cFACTS # 3281083 COMMENTS & OBSERVATIONS
Shimersville	1209	N			
Saucon Ave	1210	N			
Roberts	1213	N			
Snyder	1213	N			
Mathews	1214	N			
Mixsell	1214	N			
Adams	1215	N			
Johnston	1215	SL	I	O	Yard waste burning @ corner of Johnston & Mathews.
Snyder	1217	N			
Schwab	1217	N			
Ivywood	1218	N			
Riverside	1218	SL	I	O	yard waste burning near Jefferson
Rodington	1223	N			
Lwr. Saucon Rd	1227	N			
Applebutter	1228	N			
Ringhoffer	1231	N			
Sherry Hill	1233	N			
Applebutter	1236	M	I	S	sewage odor near Steuline

Investigator: A. Fawlch Date: 11/5/21

CASE: Bethlehem Landfill

ODOR PATROL SURVEY

Weather Conditions: _____

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
Skyline	1242	M	P	S	Sewage odor near Applebutter
Applebutter	1253	M	P	S	Sewage odor near Skyline
Shimersville	1254	S	P	S	sewage odor near STP.

Investigator: M. VIPOND Date: 11/16/21

Weather Conditions: SUNNY, COOL 46° 7MPH Westwind

CASE: Bethlehem 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)	eFACTS # 3291745 COMMENTS & OBSERVATIONS
Saucon Ave.	2:33	SL	I	O (WOOD BURN)	
Roberts Ave	2:37				
Mixsell Ave	2:38				
Jefferson Ave	2:41				
Adams Ave.	2:42				
Riverside Dr.	2:43				
Applebutter Rd.	2:49				
Ringhoffer Dr	2:54				
Sherry Hill Rd.	2:57				
Applebutter Rd.	3:00	SL	I	S	across from WWTP

Investigator: HUIPOND/A. FAULCH Date: 11/17/21

Weather Conditions: SUNNY, 37°, W E/NE 3 MPH 777.4

CASE: BLC Land Fill

ODOR PATROL SURVEY

CFACTS # 3291749

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
Riverside Dr.	8:29				
Sawon Ave.	8:31				
Roberts Ave.	8:33				
Mathews Ave.	8:33				
Mixsell Ave.	8:34				
Adams Ave.	8:35				
Johnson Ave.	8:35				
Schwab Ave.	8:36				
Ivywood Ave.	8:37				
Riverside Dr.	8:37	SL	I	O (BURN)	
Reddington Dr.	8:46				
Lower Sawon Rd.	8:46				
Applebutter Dr.	8:48				
Ringhoffer Rd.	8:52				
Sherry Hill Dr.	9:02	SL	I	O (Dust & mud)	
Applebutter Rd	9:05	SL	I	S	
	9:09	SL	P	S	
Skyline Dr.	9:13				

Investigator: M Vipond / A. Fawlch Date: 11/17/21

Weather Conditions: _____

CASE: Bethlehem 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
Skyline Dr	9:19	M	I	S	

Investigator: M. VIPOND Date: 11/30/21

Weather Conditions: SNOW SHOWERS, 37°, 76°H, W variable

CASE: BLC

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)	eFACTS # 3291755 COMMENTS & OBSERVATIONS
Riverside Dr.	1:15				
Sanson Ave.	1:16				
Roberts Ave.	1:20				
Mathews Ave.	1:21				
Schwab Ave	1:23				
Adams Av.	1:24				
Riverside Dr.	1:24	SL	I	O (WOOD BURN)	Fireplace
Rolington Rd.	1:33				
Lower Sanson Rd.	1:34				
Applebutter Rd.	1:36				
Longhoffer Rd.	1:41				
Thirty Hill Rd.	1:43				
Applebutter Rd.	1:48				
Skyline Dr.	1:54				
Riverside Dr.	1:58				

Investigator: A. Fawlch Date: 12/6/21

CASE: Bethlehem Landfill

ODOR PATROL SURVEY

Weather Conditions: Rain, 49°F wind S @ 7mph, 90% H.

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)	eFACTS # 3291759 COMMENTS & OBSERVATIONS
Shimersville Rd	1033	S	P	S	Strong sewage odor from bridge to Saucon
Saucon Ave	1035	SL	I	S	light sewage odor near Shimersville
Roberts	1042	N			
Snyder	1042	SL	I	O	wood burning odor
Mathews	1043	N			
Mixsell	1043	N			
Adams	1044	N			
Johnston	1044	N			
Snyder	1045	SL	I	O	wood burning odor
Schwab	1046	N			
Ivywood	1046	N			
Riverside	1046	N			
Redington	1052	N			
Lwr. Saucon Rd	1055	N			
Appebutler	1056	N			
Ringhoffer	1059	N			
Easton Rd	1102	N			
Lwr. Saucon Rd	1104	N			

Investigator: A. Faulch Date: 12/6/21

Weather Conditions:

CASE: Bethlehem 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
Kings Mill Rd	1105	N			
Lwr. Saxon Rd	1109	N			
Applebutter	1112	N			
Sherry Hill	1114	N			
Binghoffer	1116	N			
Applebutter	1118	N			
Skyline	1121	N			
Applebutter	1127	N			
Shimersville	1128	S	P	S	Strong sewage odor near Sew. Trt. Plant

IESI ODOR COMPLAINT LOG (2335 Applebutter Rd, Bethlehem, PA 18015)

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
				Skies	Temperature	Wind (out of)			Flare (scfm)	BRE (scfm)	Total (scfm)		
01/08/21	7:17	Johnston Ave , Steel City	unknown	Fair	20.0	N @ 5mph	Residence	landfill odors reaching complainant's family member's residence near Lower Saucon Rd. closer to Easton Rd.				1/8/2021	3/4/2021
01/25/21	18:59	Johnston Ave., Steel City	1.170	Fair	31.0	ENE @ 6mph	Residence	Very strong gas odor on property	3230	0	3230	1/25/2020	1/25/21 (ER)
01/25/21	18:59	Jefferson Ave, Steel City	0.939	Fair	31.0	ENE @ 6mph	Residence	very strong odor on property	3230	0	3230	1/25/2020	1/25/21 (ER)
01/25/21	18:59	Saucon Ave, Steel City	0.883	Fair	31.0	ENE @ 6mph	Residence	very strong odor on property	3230	0	3230	1/25/2020	1/25/21 (ER)
01/27/21	10:50	Johnston Ave, Steel City	0.980	Mostly Cloudy	23.0	S @ 4mph	Residence	Odor on property from the landfill. Odor described as an old garbage/leachate smell. (Complanant called back at 11:18 & said odor had dissipated. Odor was also detected throughout the neighborhood when they went for a walk).	3215	0	3215	1/27/2021	3/4/2021
01/28/21	22:56	Applebutter Rd., Bethlehem	NA	Fair/Windy	20.0	NW @ 22 mph	non-Residence	While complainant was at the storage yards, they detected a horrible odor from the landfill.	3120	0	3120	2/4/2021	3/4/2021
02/10/21	14:40	Applebutter Rd., Bethlehem	0.420	Fair	32.0	S @ 7mph	Residence	Gas odors this morning on property from the landfill	3223	0	3223	3/4/2021	3/4/2021
03/02/21	19:29	Applebutter Rd., Bethlehem	0.420	Fair	31.0	W @ 6mph	Residence	The landfill odor is horrendous tonight & odor detected on property.	3052	0	3052	3/4/2021	3/4/2021
03/31/21	10:24	Unknown	unknown	Cloudy	53.0	E @ 6mph	Drive-by	Rep. of LST Council emailed the following: Several complaints regarding a strong landfill gas odor on Applebutter Rd. near the entrance. Complaints were not received today, but on a regular basis prior.	3102	0	3102	3/31/2021	4/28/2021
03/31/21	19:03	Saucon Ave, Steel City	0.883	Mostly Cloudy	61.0	SSW @ 5mph	Residence	Intermittent landfill gas odor at home	3115	0	3115	4/8/2021	4/28/2021
06/03/21	9:35	Johnston Ave., Steel City	1.170	Cloudy	61.0	ESE @ 5mph	Residence	gas odor from the landfill detected on property	3402	0	3402	6/3/2021	6/9/2021
06/11/21	13:16	Johnston Ave., Steel City	1.170	cloudy	62.0	calm	Residence	slight landfill gas odor on property at time of call. Also noted odors yesterday.	3880	0	3880	6/11/2021	8/11/2021
06/11/21	13:21	Saucon Ave, Steel City	0.883	cloudy	62.0	calm	Residence	landfill gas odor on property that is affecting their quality of life.	3880	0	3880	6/11/2021	8/11/2021
06/16/21	20:23	Applebutter Rd., Bethlehem	0.420	Fair	68.0	N @ 7mph	Residence	reporting garbage odor on property that started on 6/15	3397	0	3397	7/1/2021	8/11/2021
07/30/21	8:11	Applebutter Rd., Bethlehem	0.420	Fair	71.0	calm	Residence	There were big storms last night but the smell coming from the landfill is atrocious this morning & it is only 8:10. It is only going to get worse from here.	3474	0	3474	8/5/2021	8/11/2021
08/04/21	18:27	Ringhoffer Rd., Bethlehem	0.190	Fair	75.0	ENE @ 8mph	Residence	It's getting terrible with the smell and beautiful weather aren't you can't even have your windows open because of landfill stinks.	3415	0	3415	8/5/2021	8/11/2021
09/14/21	9:30	Johnston Ave., Steel City	1.170	Fair	68.0	Calm	Residence	Gas smell coming from the landfill. First noticed at 9:30, but complainant was leaving their home. When they returned, the odors were still present. Faint gas odor but still detectable.	3446	0	3446	10/14/2021	10/14/2021
09/19/21	17:54	Saucon Ave, Steel City	0.883	Fair	72.0	ESE @ 6mph	Residence	smell of landfill gas on property	3569	0	3569	10/14/2021	10/14/2021
09/26/21	18:27	Applebutter Rd., Bethlehem	0.420	Fair	62.0	WSW @ 5mph	Residence	The breeze is blowing & the garbage smell & I can't open my windows because all I smell is garbage	3440	0	3440	9/27/2021	10/14/2021
10/02/21	22:10	Saucon Ave, Steel City	0.883	Fair	55.0	Calm	Residence	Strong odor from the landfill that was detected on property	3100	0	3100	10/14/2021	10/14/2021
10/19/21	23:35	Applebutter Rd., Bethlehem	0.420	Fair	52.0	SSW @ 7mph	Residence	It is 11:35 on a Tuesday night & the landfill has been long closed & it still smells. We smelled garbage all day & it still smells like garbage.	3193	0	3193	10/20/2021	10/14/2021
10/22/21	6:32	Applebutter Rd., Bethlehem	0.420	Fair	55.0	W @ 7mph	Residence	It is 6:41 on a Friday & I went out this morning & the landfill smells once again. The first time I went out was 6:32 AM & it smelled already.	3263	0	3263	11/5/2021	11/17/2021
11/03/21	6:13	Saucon Ave, Steel City	0.883	Fair	30.0	SW @ 8mph	Residence	Landfill gas odor, very strong coming from Bethlehem Landfill. It is on my property & affecting my quality of life.	3273	0	3273	11/5/2021	11/17/2021

11/04/21	21:56	Riverside Drive, Bethlehem	1.490	Fair	36.0	Calm	Residence	Horrible rotten garbage smell on property	3150	0	3250	11/5/2021	11/17/2021
11/14/21	19:54	Saucon Ave, Steel City	0.883	Cloudy	43.0	S @ 10mph	Residence	Smell landfill gas coming from the Bethlehem Landfill. It's unacceptable & it's affecting my quality of life. It should not be happening. Please call me back, it's pretty strong. Called again at 22:37.	3170	0	3170	11/16/2021	11/17/2021
11/16/21	21:59	Saucon Ave, Steel City	0.883	Fair	32.0	NW @ 3mph	Residence	Methane gas smell & it is terrible. On caller's property.	3180	0	3180	11/17/2021	11/17/2021
11/17/21	22:42	Saucon Ave, Steel City	0.883	Fair	38.0	Calm	Residence	Slight landfill odor for a few hours on their property.	3256	0	3256	11/30/2021	11/17/2021
11/24/21	18:16	Saucon Ave, Steel City	0.883	Fair	38.0	WSW @ 7mph	Residence	Landfill gas detected on their property. The odor is awful tonight.	3625	0	3625	11/30/2021	11/17/2021
11/28/21	13:15	Kings Mill Rd, Hellertown	1.569	Cloudy	33.0	NNW @ 3mph	Residence	Smelling odors from the landfill again at my property. Is the DEP ever going to have this landfill accountable for these odors? I have been reporting odors multiple times & it just keeps occuring.	3222	0	3222	11/30/2021	11/17/2021
11/30/21	12:13	Saucon Ave, Steel City	0.883	Light snow	35.0	SSW @ 3mph	Residence	Could smell landfill gas outdoors on property. Still smelling odor at 12:33.	3148	0	3148	11/30/2021	11/17/2021
12/04/21	9:21	Johnston Ave., Steel City	1.170	Cloudy	26.0	NE @ 5mph	Residence	I can smell gas when I opened my front door & it hits you right in the face.	3536	0	3536	12/6/2021	
12/04/21	10:07	Saucon Ave, Steel City	0.883	Mostly cloudy	39.0	Calm	Residence	I am smelling a slight landfill gas odor on my property from the Bethlehem Landfill	3568	0	3568	12/6/2021	
12/04/21	22:53	Applebutter Rd., Bethlehem	0.420	Fair	38.0	WSW @ 6mph	Residence	It is 10:50 on Saturday night and the landfill should be long closed here at the Bethlehem Landfill& outside my door it smells like methane gas, really bad.	3595	0	3595	12/6/2021	
12/06/21	16:21	Saucon Ave, Steel City	0.883	Cloudy	59.0	SW @ 16mph	Residence	Landfill gas odor on property	3729	0	3729		

Faulch, Amy

From: Astor Lawson <Astor.Lawson@WasteConnections.com>
Sent: Wednesday, November 3, 2021 9:23 AM
To: Faulch, Amy; David Pannucci; Phillip Garcia, Cody White
Cc: Vipond, Mathew
Subject: [External] RE: Odor complaint

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Amy,

Phil, did drive the site this morning and did not smell anything abnormal. I will take a drive right now as well to see if I can pick anything up.

Astor A. Lawson
District Manager – Bethlehem Landfill Company
2335 Applebutter Road
Bethlehem, PA 18015
Cell (805)471-7948
Office (610)317-3200
Fax (610)626-0600

BETHLEHEM LANDFILL
Safety • Integrity • Service

*No trees were killed in the sending of this message,
but a large number of electrons were terribly inconvenienced.

From: Faulch, Amy <afaulch@pa.gov>
Sent: Wednesday, November 03, 2021 8:16 AM
To: Astor Lawson <Astor.Lawson@WasteConnections.com>; David Pannucci <david.pannucci@wasteconnections.com>; Phillip Garcia <Phillip.Garcia@WasteConnections.com>; Cody White <Cody.White@WasteConnections.com>
Cc: Vipond, Mathew <mvipond@pa.gov>
Subject: Odor complaint

WARNING: This email originated from outside of Waste Connections. Exercise caution.

Hello Astor, Dave, Phillip and Cody,

We received an odor complaint this morning at 6:13 am along Saucon Ave. Complainant described a very strong landfill gas odor.
Is someone at Bethlehem Landfill available to follow-up in this area this morning?

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.dep.web.state.pa.us

Faulch, Amy

From: Faulch, Amy
Sent: Monday, November 15, 2021 1:45 PM
To: Astor Lawson
Cc: David Pannucci; Vipond, Mathew
Subject: RE: [External] Odor Complaint

Thank you Astor for the follow-up.

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

From: Astor Lawson <Astor.Lawson@WasteConnections.com>
Sent: Monday, November 15, 2021 11:43 AM
To: Faulch, Amy <afaulch@pa.gov>
Cc: David Pannucci <david.pannucci@wasteconnections.com>
Subject: [External] Odor Complaint

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Amy,

I am aware that Priscilla called in two odor complaints last night. I want to notify you that Phil went out this morning and was unable to find any odors associated with the landfill. Phil did speak with two parents this morning waiting for the bus with their kids on Swab and Ivy Wood, both noted they did not notice any smells other than "fireplaces".

Just wanted to bring you in the loop.

Astor A. Lawson
District Manager – Bethlehem Landfill Company
2335 Applebutter Road
Bethlehem, PA 18015
Cell (805)471-7948
Office (610)317-3200
Fax (610)626-0600

BETHLEHEM LANDFILL
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but a large number of electrons were terribly inconvenienced.

Faulch, Amy

From: Astor Lawson <Astor.Lawson@WasteConnections.com>
Sent: Wednesday, November 17, 2021 4:26 PM
To: Faulch, Amy
Cc: Vipond, Mathew; David Pannucci
Subject: [External] FW: Bethlehem Jumper Line

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Amy/Matt,

Below is the parts list from when we had SCS come out to look at the area as we were trying to mitigate the issues on the northern portion of the landfill. All the parts were order and delivered. Unfortunately due short staffing with SCS they are having issues putting us on the schedule to come out and do the work.

In addition to the parts below, we are also planning on running new line from the header bypassing the old vault so we can put all of the clean outs under vacuum eliminating those exceedances. Rob and Phil are working towards this with the goal to have it up and going by next week.

Astor A. Lawson
District Manager – Bethlehem Landfill Company
2335 Applebutter Road
Bethlehem, PA 18015
Cell (805)471-7948
Office (610)317-3200
Fax (610)626-0600

BETHLEHEM LANDFILL
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but a large number of electrons were terribly inconvenienced

From: Dachtyl, Matt <MDachtyl@scsengineers.com>
Sent: Friday, October 29, 2021 10:28 AM
To: Cody White <Cody.White@WasteConnections.com>
Cc: Schoffner, Scott <SSchoffner@scsengineers.com>
Subject: Bethlehem Jumper Line

WARNING: This email is from outside of Waste Connections. Exercise caution.

Cody

Here is a list of parts needed for the new jumper line

(6) 3 inch butt caps
(2) 4 inch elbows
(5) 4 inch tee's
(6) 4x2 PE reducers (less chance for an oxygen problem down the road) Or you can use ferrco's
150 feet of 4 inch PE pipe SDR 17

I would just replace all the kana flex and put on new clamps also

100 feet of Kana flex (orange)
12 set of 2 inch clamps for kana flex which is (24 clamps total)

This stuff you can order extra so you have it on site for other repairs

Matthew Dachtyl
SCS Field Services
Harrisburg, PA
717-671-5102 (W)
540-922-2140 (C)
MDachtyl@scsengineers.com
www.scsengineers.com

Driven by Client Success

Faulch, Amy

From: Astor Lawson <Astor.Lawson@WasteConnections.com>
Sent: Thursday, November 18, 2021 12:16 PM
To: Faulch, Amy
Subject: (External) RE: Power outage

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Thanks for the follow up.

Astor A. Lawson
District Manager – Bethlehem Landfill Company
2335 Applebutter Road
Bethlehem, PA 18015
Cell (805)471-7948
Office (610)317-3200
Fax (610)626-0600

BETHLEHEM LANDFILL
Safety • Integrity • Service

*No trees were killed in the sending of this message, but a large number of electrons were terribly inconvenienced.

-------- Original message --------
From: "Faulch, Amy" <afaulch@pa.gov>
Date: 11/18/21 12:11 PM (GMT-05:00)
To: Astor Lawson <Astor.Lawson@WasteConnections.com>
Subject: Power outage

WARNING: This email is from outside of Waste Connections; Exercise caution.

Hi Astor,
Apologies, I was driving and couldn't get back to you, but I got your voicemails this morning about the power outage and flare shutdown this morning, and that power had resumed.

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

Faulch, Amy

From: Faulch, Amy
Sent: Wednesday, December 1, 2021 11:58 AM
To: Astor Lawson; Vipond, Mathew
Cc: David Pannucci
Subject: RE: [External] Odor Complaint 11/30 1210pm

Thank you Astor for the follow-up.

Mathew did an odor patrol yesterday as well, and also got the wood burning odor, but no landfill-related odors.

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

From: Astor Lawson <Astor.Lawson@WasteConnections.com>
Sent: Tuesday, November 30, 2021 1:24 PM
To: Faulch, Amy <afaulch@pa.gov>; Vipond, Mathew <mvipond@pa.gov>
Cc: David Pannucci <david.pannucci@wasteconnections.com>
Subject: [External] Odor Complaint 11/30 1210pm

***ATTENTION:** This email message is from an external sender. Do not open links or attachments from unknown sources. To report suspicious email, forward the message as an attachment to CWOPA_SPAM@pa.gov.*

Amy,

We were made aware of a complaint in Steel City per the township. Wanted to follow up with you. Cody and I went out separately, neither of us caught any landfill related odors. An odor was noticed before the bridge going into Steel City from the sewage plant and the smell of chimney smoke in the Steel City neighborhood. We both made it out to the complaint area approximately 20 minutes after the noted time. (12:10pm)

Both Cody and I did notice also, it is trash pickup day in Steel City as all the cans were out on the street.

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Lower Saucon Township: Leslie Huhn
manager@lowersauconTownship.org