



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

Inspection 3388879

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 Phillip Garcia, Cody White
Inspector Mathew Vipond
eFACTS ID # PF 268729 SF 266826

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

Comment: Additional eFACTS: 3371903, 3374377, 3379244, 3382108, 3383471

Inspection Date: 06/28/2022 Type: RTNC Results: OUTNO Resolved: 05/25/2022

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				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>08/01/2022</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 checked="" 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

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

Site Name Bethlehem Landfill Company
 ID Number 100020
 Date 6/28/2022

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator promptly addresses and correct problems and deficiencies discovered during inspections.	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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

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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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Litter controlled/collected and barriers/fences in place.	<input checked="" type="checkbox"/>	273.220(a)-(c)	51
				COVER/SLOPES/REVEGETATION			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Daily/intermediate cover meets performance and design requirements.	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Final cover meets performance and design requirements; applied within time limits.	<input checked="" type="checkbox"/>	273.234(b)-(e)	57
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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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INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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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 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).	<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 checked="" type="checkbox"/>	<input 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 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 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 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sewage sludge co-disposal and monofill requirements followed.	<input type="checkbox"/>	273.513	105
<input type="checkbox"/>	<input checked="" 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



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

INSPECTION REPORT COMMENTS

Date of Inspection 06/28/2022

Identification Number 100020

Company/Facility/Site Name Bethlehem Landfill Company

Comments:

The PA Department of Environmental Protection ("Department") conducted a routine complete inspection on June 28, 2022 at Bethlehem Landfill Company ("BLC"). Representing the Department from the Solid Waste Program was Mathew Vipond ("this inspector"). Phillip Garcia provided the site tour and Cody White provided this inspector with documents at the conclusion of the inspection. Weather was sunny 68°, winds NW at 5 MPH, 57% humidity.

The following Department personnel have entered the landfill since the May 25, 2022 inspection: Matt Glogowski (05/26/2022).

6/28/2022 SITE TOUR:

Prior to entering the landfill, this inspector conducted an odor patrol in the areas surrounding the landfill. A moderate intermittent garbage odor was detected from approximately 1500 feet east of the landfill entrance west to Ringhoffer Road. Phillip Garcia stated that waste was being excavated from the east side of the landfill and placed in the final cover area on the northwest side which accounted for the odors along Applebutter Road.

No excessive dust or mud was observed on Applebutter Road near the entrance to the facility.

All signage was clearly posted at the entrance.

This inspector entered the landfill at 0945 hours.

The truck wash was in operation and was being utilized by vehicles.

This inspector viewed the public disposal area on the west side of the landfill, where roll-off bins are stored. Some construction and demolition waste was observed on the ground next to one of the roll-off bins. Please ensure all municipal solid waste is deposited into roll-off bins, otherwise it becomes uncovered waste, subject to the daily cover requirements.

All roads were drivable and properly graded.

The roads throughout the landfill had been sprayed by the water truck and were dust-free.

Final cover capping activities were in progress on the northwestern side of the landfill.

Intermediate cover on the north slopes was graded and compacted. Several ruts were observed that appeared to be no more than six inches in depth.

BLC is continuing to operate the working face at SE2-AB Phase I at the eastern end of the landfill. The active face is in the same area as the May inspection, at the toe of the primary slope on the southeast area of the site. Dozers were pushing and compacting waste in the active cell. A small area of exposed waste directly west of the active waste cell was observed. BLC is reminded to apply daily cover to all areas of exposed waste, at the end of each working day, in honor of § 273.232(a)(b).

Approximately a dozen vultures were observed in and around the active waste cell.

On the south side of the landfill, grading and foundation work is being implemented by third-party contractor for the future LFG/energy plant.

BLC's flare was in operation, with a temperature of 1656°F and a flow rate of 3551 cfm.

COMPLAINT INVESTIGATIONS:

The department has not received any odor complaints since the last inspection. Odor patrols were conducted by the Department on 6/2, 6/8, 6/16, 6/23 and 6/28.

Line item #13: BLC's scale was calibrated on March 22, 2022. Overweight truck logs revealed the following number of overweight trucks:

May: 68

June: 42

Line item #17: BLC's odor patrol logs, gas data and site inspection logs were reviewed. BLC conducted 15 odor patrols in May. At the time of this inspection, BLC has conducted 11 odor patrols in June.

Line item #23: BLC's rain log in the Nuisance Minimization and Control Plan was reviewed for tracking and appears to be up to date.

Line item #24: Daily tonnages were reviewed from May 25 through June 27. There did not appear to be any exceedances of the 1800-ton daily limit. The greatest one-day tonnages for this period were:

May 26: 1531 tons

June 15: 1798 tons

Line item #25-31: Daily radiation monitor checks were reviewed since the last inspection. Records appeared complete. BLC has had the following radiation hits since the May 25 inspection:
6/20/2022: I-131, disposed onsite.

Line item #51: See 6/28/22 site tour comments regarding litter in the public disposal area.

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 #80: Leachate flow rates

May: 2,204,548 gallons

June: 999,348 gallons

This concludes this inspection report.

Person Interviewed Sent to Facility via Email
(Signature)

Date 7-11-2022

Inspector Mathew Vipond
(Signature)

Date 7-11-2022

Investigator: M. V. POND Date: 6/2/22
 Weather Conditions: 69°F, Cloudy, 90% H, NNW winds 1 MPH

CASE: BLC

ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR	ODOR	ODOR	COMMENTS & OBSERVATIONS
		INTENSITY S = Strong M = Moderate SL = Slight N = None		DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
Shinersville Rd.	10:00	N			
Saucan Ave.	10:01	N			
Roberts Ave.	10:04	N			
Snyder Ave.	10:04	N			
Mathews Ave.	10:05	N			
Johnston Ave.	10:06	N			
Snyder Ave.	10:06	N			
Schubert Ave.	10:07	N			
Mathews Ave.	10:08	N			
Riverside Dr.	10:08	N			
Redington Rd.	10:13	N			
Lower Saucan Av.	10:15	N			
Co. Applebutter Rd.	10:18	N			
Ringhoffer Rd.	10:20	N			
Sherry Hill Rd.	10:22	N			
Applebutter Rd.	10:26	SL	I	G	500 ft east of entrance
Skyline Pr.	10:30	N			
Shinersville Rd.	10:40	N			

Investigator: M. V. POONDate: 6/8/22CASE: BLC

ODOR PATROL SURVEY

Weather Conditions: 77°F, winds N/NW 5 MPH, 60% H, Sunny

SURVEY LOCATION	TIME	ODOR INTENSITY	ODOR DURATION	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
		S = Strong M = Moderate SL = Slight N = None	P = Persistent I = Intermittent N = None	EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
Shenandoah Rd.	10:05	N			
Bancro Ave.	10:06	N			
Roberts Ave.	10:09	N			
Johnston Ave.	10:10	N			
Adams Ave.	10:11	N			
Mixsell Ave.	10:12	N			
Mathews Ave.	10:13	N			
Snyder Ave.	10:13	N			
Schwarz Ave.	10:14	N			
Lynwood Ave.	10:15	N			
Riverside Dr.	10:15	N			
Redington Rd.	10:21	N			
Lower Bancro Ave.	10:24	N			
Applebutter Rd.	10:27	SL	I	G	adjacent to working face
Reagle Rd.	10:29	N			
Sherry Hill Rd.	10:32	N			
Applebutter Rd.	10:35	SL	I	G	adjacent to working face
Shelby Dr.	10:40	N			

Shenandoah Rd. 10:50

Investigator: M. V. PANDDate: 6/16/22CASE: BLCWeather Conditions: 67°F, 85% H, winds S at 5 MPH, cloudy

ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR	ODOR	ODOR	COMMENTS & OBSERVATIONS
		INTENSITY S = Strong M = Moderate SL = Slight N = None	DURATION P = Persistent I = Intermittent N = None	DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
Shinersville Rd.	11:00	SL	I	S	WWTP
Sancon Ave.	11:01	N			
Roberts Ave.	11:04	N			
Mixsell Ave.	11:05	N			
Adams Ave.	11:06	N			
Schwab Ave.	11:07	N			
Wywood Ave.	11:09	N			
Riverside Blvd.	11:10	N			
Redington Rd.	11:16	N			
Longfellow Ave.	11:19	N			
Applebutter Rd.	11:22	N			
Ringhoffer Rd.	11:24	N			
Sherry Hill Rd.	11:26	N			
Applebutter Rd.	11:30	N			
Skyline Dr.	11:36	N			
Shinersville Rd.	11:45	SL	I	S	WWTP

Facts #: 3379244

Investigator: M. V. PONDDate: 6/23/22CASE: BLC

ODOR PATROL SURVEY

Weather Conditions: light rain, 63°F, light winds, 92% H

SURVEY LOCATION	TIME	ODOR	ODOR	ODOR	COMMENTS & OBSERVATIONS
		INTENSITY S = Strong M = Moderate SL = Slight N = None	DURATION P = Persistent I = Intermittent N = None	DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
Shumerville Rd.	1048				effects #: 3382108
Lower Landon Ave.	1048				
Roberts Ave	1051				
Johnston Ave	1052				
Adams Ave.	1053				
Mixsell Ave.	1054				
Mathews Ave.	1055				
Snyder Ave.	1055				
Schwartz Ave	1056				
Ivywood Ave.	1056				
Riverside Dr.	1057				
Redington Rd	1103				
Lower Landon Ave	1106				
Applebutter Rd	1112				
Ringhoffer Rd.	1114				
Sherry Hill Rd.	1116				
Applebutter Rd.	1120	SL	I	LFG	
Jayline Dr.	1125				

Shumerville Rd. 1131

Investigator: M. V. PONDDate: 6/28/22CASE: BLC

ODOR PATROL SURVEY

Weather Conditions: 68°F, heavy, winds NW 5MPH, 57% H

SURVEY LOCATION	TIME	ODOR INTENSITY	ODOR DURATION	ODOR DESCRIPTION	COMMENTS & OBSERVATIONS
		S = Strong M = Moderate SL = Slight N = None	P = Persistent I = Intermittent N = None	EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	
<u>Shinnsville Rd.</u>	<u>914</u>				
<u>Saucer Ave.</u>	<u>914</u>				
<u>Roberts Ave.</u>	<u>917</u>				
<u>Snyder Ave.</u>	<u>917</u>				
<u>Matthews Ave.</u>	<u>918</u>				
<u>Johns Con Ave.</u>	<u>919</u>				
<u>Snyder Ave.</u>	<u>919</u>				
<u>Schuch Ave.</u>	<u>920</u>				
<u>Weywood Ave.</u>	<u>920</u>				
<u>Riverside Dr.</u>	<u>921</u>				
<u>Gedington Rd.</u>	<u>928</u>				
<u>Lower Saucer Av</u>	<u>931</u>				
<u>Applebutter Rd.</u>	<u>933</u>	<u>M</u>	<u>I</u>	<u>G</u>	<u>1000 ft E of entrance to Ringhoffer</u>
<u>Ringhoffer Rd.</u>	<u>935</u>				
<u>Sherry Hill Rd.</u>	<u>938</u>				
<u>Applebutter Rd.</u>	<u>941</u>	<u>SL</u>	<u>I</u>	<u>G</u>	<u>1000 ft E. of entrance to Ringhoffer</u>

Faulch, Amy

From: Cody White <Cody.White@WasteConnections.com>
Sent: Tuesday, June 28, 2022 2:21 PM
To: Vipond, Mathew
Subject: [External] RE: TONNAGES

ATTENTION: This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

Matt,

Here is the data you asked for.

25-May	1,421.07
26-May	1,531.12
27-May	1,485.26
28-May	469.54
30-May	0.00
31-May	1,201.79

6,108.78

1-Jun	1,563.04
2-Jun	1,339.47
3-Jun	1,547.95
4-Jun	919.32
6-Jun	1,504.06
7-Jun	1,404.44
8-Jun	1,523.10
9-Jun	1,074.30
10-Jun	1,527.07
11-Jun	793.72
13-Jun	1,717.25
14-Jun	1,643.74
15-Jun	1,798.62
16-Jun	1,544.10
17-Jun	1,519.25
18-Jun	717.04
20-Jun	1,413.09
21-Jun	1,600.96
22-Jun	1,434.07
23-Jun	1,623.08
24-Jun	1,488.52
25-Jun	431.12
27-Jun	1,507.54

31,634.85

If you need anything else let me know.

Cheers,

Cody White
Environmental Compliance Manager

Bethlehem Landfill & Eastern Region
Office: 610.317.3200 ext. 108
Cell: 610.390.5536
Email: cody.white@wasteconnections.com

EXPERIENCE

From: Vipond, Mathew <mvipond@pa.gov>
Sent: Tuesday, June 28, 2022 11:36 AM
To: Cody White <Cody.White@WasteConnections.com>
Subject: TONNAGES

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

Hi Cody,

Could you send tonnages for May 25 through June 27?

Thanks,

Mathew Vipond | Environmental Trainee
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017
Phone: 610.861.2158 | Fax: 610.861.2072
www.depweb.state.pa.us

Faulch, Amy

From: Vipond, Mathew
Sent: Friday, June 24, 2022 2:45 PM
To: Faulch, Amy
Subject: FW: [External] FW: Applebutter Road

FYI

Mathew Vipond | Environmental Trainee
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017
Phone: 610.861.2158 | Fax: 610.861.2072
www.depweb.state.pa.us

From: Phillip Garcia <Phillip.Garcia@WasteConnections.com>
Sent: Friday, June 24, 2022 2:43 PM
To: Vipond, Mathew <mvipond@pa.gov>
Subject: [External] FW: Applebutter Road

ATTENTION: This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

A few trucks have passed since the landfill owned sweeper was out on the road.
I will send you some while the sweeping company is out too.

Thank you,

Phillip Garcia
Operations Manager
Bethlehem Landfill Company
Office: 484-241-4643
Mobile: 484-408-5985
Fax: 484-626-0600
Phillipg@wcnx.org



2335 Applebutter RD
Bethlehem, PA 18015

From: Phillip Garcia <Phillip.Garcia@WasteConnections.com>
Sent: Friday, June 24, 2022 2:37 PM
To: Phillip Garcia <Phillip.Garcia@WasteConnections.com>
Subject: Applebutter









Sent from my iPhone

Faulch, Amy

From: Phillip Garcia <Phillip.Garcia@WasteConnections.com>
Sent: Wednesday, July 6, 2022 9:15 AM
To: Vipond, Mathew
Cc: Faulch, Amy; Astor Lawson
Subject: [External] Bethlehem Truck wash

ATTENTION: This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

Good morning All,

Just to let you all know the truck wash is getting some routine maintenance work done on it and may be out of service for the remainder of the week.

Thank you,

Phillip Garcia

Operations Manager

Bethlehem Landfill Company

Office: 484-241-4643

Mobile: 484-408-5985

Fax: 484-626-0600

Phillipg@wcnx.org



2335 Applebutter RD

Bethlehem, PA 18015

File Distribution:

PA DEP NERO WM File-thru A. Faulch
Facility-sent via Email PDF
Lower Saucon Township- sent via Email PDF
R. Bellas/D. Ritter (email PDF)
A. Faulch (PDF)
AQ: C. Madden/M. Bardzilouskas (e-mail PDF)
M. Glogowski (e-mail PDF)
R. Malizia (email PDF)
M. Vipond (email PDF)

Lower Saucon Township: Peter Marshall, Interim Township Manager
manager@lowersaucontownship.org