



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BETHLEHEM DISTRICT OFFICE

April 20, 2015

Lower Saucon Township Manager
3700 Old Philadelphia Pike
Bethlehem, PA 18015



Attn: Mr. Jack Cahalan

Re: IESI PA Bethlehem Landfill
Permit # 100020
Lower Saucon Township, Northampton County

Dear Mr. Cahalan:

Please find enclosed a copy of the report of an inspection performed by this District Office at the IESI PA Bethlehem Landfill, located in your municipality. A copy of the inspection report is being provided to you pursuant to the provisions of Section 1101(a) (1) of Act 101, the Municipal Waste Planning, Recycling and Waste Reduction Act of 1988.

If you have any questions, please feel free to contact me at 610-861-2150.

Sincerely,

Jessica Wagoner

Jessica Wagoner
Solid Waste Specialist
Waste Management Program

ROUTING

- Council
- Manager *orig*
- Asst. Mgr.
- Zoning Enclosure
- Finance
- Police
- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC 610.861.2070 | Fax 610-861-2072
- Other

4530 Bath Pike | Bethlehem, Pennsylvania 18017-9074

Printed on Recycled Paper

www.depweb.state.pa.us

Web



INSPECTION REPORT – MUNICIPAL WASTE LANDFILL

Site I.D. 255983
 Site Name IESI PA BETHLEHEM LANDFILL
 Address 2335 APPLEBUTTER RD
BETHLEHEM, PA 18015
 Municipality 8924 LOWER SAUCON
 Responsible Official SAMUEL DONATO, JR.
 Person Interviewed AL SCHLEYER
 Inspector Jessica Wagoner
 eFACTS ID # PF 268729 SF 266826

Telephone # 610-317-3200
 Operator Name IESI PA BETHLEHEM LANDFILL
 Address 2335 APPLEBUTTER RD
BETHLEHEM, PA 18015
 County NORTHAMPTON
 Title PA DISTRICT MANAGER
 Title COMPLIANCE MANAGER
 Title Solid Waste Specialist

Comment: _____

Inspection Date: 3/26/2015 Type: Routine Complete Results: No Resolved: / /
/Complaint Violations

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>12/31/2015</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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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	IESI PA BETHLEHEM LANDFILL
ID Number	100020
Date	3/26/15

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator implements nuisance minimization and control plan.	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 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 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 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 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 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

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				
<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 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 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

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				
<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gas venting and monitoring in accordance with approved plans.	<input type="checkbox"/>	273.292(a)-(d)	90
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Combustible gas levels not exceeded.	<input type="checkbox"/>	273.292(e)	91
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Forced gas venting if required.	<input type="checkbox"/>	273.292(f)	92
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Infectious waste disposal restrictions adhered to.	<input type="checkbox"/>	273.511(a)-(d)	103
<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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



INSPECTION REPORT COMMENTS

Date of Inspection 3/26/15 Identification Number 100200

Company/Facility/Site Name IESI PA Bethlehem Landfill

On March 26, 2015 Jessica Wagoner ("this inspector") conducted a routine inspection and a complaint investigation at IESI PA Bethlehem Landfill ("IESI"). Ms. Amy Faulch, Solid Waste Specialist, was also present on behalf of the Department. Mr. Sam Donato, Mr. Lee Zimmerman, and Mr. Matt Neely were present on behalf of IESI.

The weather at this time was 42.5° F, overcast, and 0mph wind.

March 26, 2015 Complaint Investigation

Prior to entering the landfill Ms. Faulch and this inspector conducted a complaint investigation in response to four odor complaints received by the Department.

An odor patrol was conducted in the area surrounding IESI from 0853-1000 hours. A very slight, intermittent landfill gas odor was detected along Riverside Dr. near the hill climb at 0939 hours. A slight, persistent landfill gas odor was detected along Applebutter Rd. west of the landfill entrance at 0958 hours. No other landfill related odors were detected at this time. A copy of the odor patrol log is attached.

At 0858 hours Ms. Faulch and this inspector arrived at the first complainants located along Mixsell Ave. No odors were detected upon arrival. The complainant was not home. While standing at the complainants a very slight "home heating" odor was noted.

At 0903 hours Ms. Faulch and this inspector arrived at the second complainants located along Adams Ave. No odors were detected upon arrival. The complainant was not home.

At 0910 hours Ms. Faulch and this inspector arrived at the third complainants located along Saucon Ave. No odors were noted upon arrival. The complainant was not home.

At 0919 hours Ms. Faulch and this inspector arrived at the fourth complainants located along Johnston Ave. No odors were detected upon arrival. The complainant agreed that no odors were present at this time. They stated they had detected a moderate landfill gas odor from approximately 0737-0851 hours and the odor was present in the front and back yards of their property.

Ms. Faulch and this inspector arrived at the landfill at 1000 hours and informed Mr. Donato of the odor complaints. Mr. Donato stated that on his way into the landfill that morning he did not detect landfill odors. He also stated that he had patrolled Steel City the afternoon before and did not note any landfill odors.

Site Tour

During the site tour Mr. Donato informed this inspector that CBI was onsite doing some lateral gas line work which involved repairing some gas lines that were placed above grade over the winter then placing them under the cap, and placing a collector in the rain flap at the toe of the MSE wall. CBI was also preparing for the installation of five new vertical wells to be installed in the next few weeks.

Some litter was observed onsite, it was noted that a litter crew was onsite addressing the litter.

The working face was located in Cell 4E, Stage 2 D&E. One truck was dumping at this time. Minimal working face odors were detected in the immediate area of the working face.

Mr. Donato informed this inspector that the mister line was almost thawed and a crew would be coming onsite in the next week to check the system and make upgrades.

Landfill gas was being sent to BRE at the time of this inspection. It was noted that the flare was down. This inspector followed up with Mr. Al Schleyer regarding the flare. Due to a flame out alarm malfunction the flare did not call out to notify someone of the flare shutdown. During daylight hours staff noted the flare was down. SCS Field Services evaluated the malfunction and reprogrammed the flare. Mr. Schleyer's April 8, 2015 email is attached detailing the event.

March 21, 2015 Radiation Alarm

On March 21, 2015 IESI notified the Department that their radiation alarm detected an isotope identified as Eu-155 on a truck. The truck was held in isolation until the isotope could be confirmed and properly disposed of. On March 24, 2015 Mr. Jim Fongheiser identified the isotope as Sm-153. Mr. Fongheiser contacted Mr. Rick Croll, PADEP Radiation Program, who approved the material to be put in the landfill. See attached documentation.

Records Review:

Daily tonnage- Records were reviewed from March 2 to present. There did not appear to be any exceedances. Highest daily tonnage was 1695.16 tpd.

Overweight trucks- Records were reviewed from March 1- present. IESI recorded 48 overweight trucks for this time period.

Insurance- The policy expires 12/31/15.

Radiation detector calibration- The stationary and handheld detectors were calibrated 6/9/14.

Daily background checks- records were reviewed from March 1 to present and appear complete.

Radiation hits- Since the last inspection there was one hit.

Date	Source
3/21/15	Sm-153

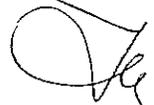
Scale Calibration- The scale was calibrated on 12/30/14.

Leachate flow- February 2015- 813,381 gallons
March 2015- 1,189,777 gallons

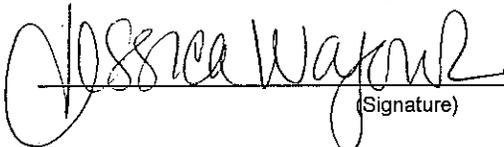
Complaints

Since the last routine complete inspection at IESI the Department has received 28 complaints. The attached spreadsheet lists data collected for these complaints. In addition, complaints were followed up with an odor patrol conducted by the Department. IESI's daily operations records were reviewed for these dates. No violations were noted regarding these complaints.

This concludes this inspection/investigation as no violations were noted.

A handwritten signature in cursive script, appearing to be 'J. W.', is written over a diagonal line that spans across the page.

Person Interviewed Sent via First Class Mail Date 04/20/15
(Signature)

Inspector  Date 04/20/15
(Signature)

Investigator: J Wagner / A Faulich Date: 3/26/15
 Weather Conditions: 42.5°F, Emph wind, overcast.

IESI PA 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
Mann	0853	N			
Riverside Dr	0855	N			
Saucan Ave	0855	SL	I	O	woodburning
Roberts Ave	0856	SL	I	O	woodburning
Snyder Ave	0856	SL	I	O	woodburning
Mathews Ave	0857	SL	I	O	woodburning
Mixsell Ave	0857	SL	I	O	skunk odor
Mixsell Ave (complaint #1)	0858	SL	I	O	"home heating" odor, very light
Adams Ave (complaint #2)	0903	N			
Johnston Ave	0906	N			
Fritz Ave	0907	M	I	O	woodburning
Snyder Ave	0907	N			
Riverside Dr	0910	N			
Saucan Ave (complaint #3)	0910	N			
Roberts Ave	0917	N			
Riverside Dr	0918	SL	I	O	woodburning
Snyder Ave	0918	N			
Snyder Ave	0918	N			
Snyder Ave	0919	N			

Investigator: J. Wagner/A. Faulich Date: 3/26/15
 Weather Conditions: See page 1

IESI PA 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
Johnston Ave <small>Section 4</small>	0919	N			
Mathews	0938	N			
Riverside Dr.	0939	SL	I	LFG	very light, @ Hill Club
"		M	I	O	skunk odor - near gun club
"		SL	I	O	plastic burning-like odor near Redington.
Redington	0947	N			
Lower Sadican Rd.	0949	N			
Applebutter Rd.	0951	N			
Sherry Hill Rd.	0952	N			
Ringhofer	0955	N			
Applebutter Rd.	0958	SL	P	LFG	just west of landfill entrance.
Skyline Dr	1000	N			

WJ

IESI ODOR COMPLAINT LOG (2335 Applebutter Rd, Bethlehem, PA 18017)

Date	Time	Address	Weather Data (Allentown (KABE))			Residence / Drive-by	Description / Notes	Gas Management Data				Addressed in Insp Report Dated
			Distance from Landfill	Skies	Temperature			Wind (out of)	Flare (scfm)	BRE (scfm)	Total (scfm)	
02/09/15	Unknown	Johnston Ave, Steel City	1.170	Rain/Snow	30.0°F Avg.	ENE @ 12.0 mph Avg.	Unknown	Odor from landfill	1023	2256	3279	2/24/2015
02/26/15	1843 hrs	Fritz Ave, Steel City	0.950	Overcast	26.1°F	Calm	Residence	Strong odor from landfill	3155	0	3155	3/26/2015
02/26/15	1904 hrs	Johnston Ave, Steel City	1.170	Overcast	26.1°F	Calm	Residence	Strong odor from landfill	3179	0	3179	3/26/2015
02/26/15	1916 hrs	Saucon Ave, Steel City	0.883	Overcast	26.1°F	Calm	Unknown	strong odor from landfill	3144	0	3144	3/26/2015
02/26/15	1933 hrs	Adams Ave, Steel City	0.923	Overcast	26.1°F	Calm	Unknown	strong odor from landfill	3154	0	3154	3/26/2015
03/03/15	1508 hrs	Fritz Ave, Steel City	0.950	Light freezing rain	26.6°F	SE @ 5.8mph	Drive-by	stinky odor throughout Steel City	3137	0	3137	3/26/2015
03/03/15	Unknown	Johnston Ave, Steel City	1.170	Rain/Snow	22°F Avg.	SSE @ 4mph Avg.	Unknown	Odor from landfill	3137	0	3137	3/26/2015
03/04/15	1430 hrs	Jefferson Ave, Steel City	0.741	Light rain	41.0°F	SSW @ 5.8mph	Unknown	Odor from IESI	0	0	0	3/26/2015
03/04/15	1250 hrs	Schwab Ave, Bethlehem	1.180	Overcast	39.0°F	WSW @ 6.9mph	Residence	Awful smell from landfill for 3 days, cant open doors. Smells like gas, garbage, and poop.	3203	0	3203	3/26/2015
03/04/15	0955 hrs	Mixsell Ave, Steel City	0.796	Overcast	36.0°F	SW @ 8.1mph	Unknown	Very strong odor from landfill	3112	0	3112	3/26/2015
03/10/15	1549 hrs	Johnston Ave, Steel City	1.170	Light rain	44.1°F	NE @ 5.8mph	Unknown	Strong odor from IESI	3228	0	3228	3/26/2015
03/17/15	0601 hrs	Johnston Ave, Steel City	1.170	Clear	39.0°F	Calm	Residence	Malodor from IESI on property	1807	1560	3367	3/26/2015
03/17/15	0930 hrs	Saucon Ave, Steel City	0.883	Haze	42.1°F	W @ 3.5mph	Unknown	Very strong garbage odor	1794	1586	3380	3/26/2015
03/20/15	0707 hrs	Johnston Ave, Steel City	1.170	Overcast	32.0°F	E @ 5.8mph	Residence	Intermittent malodor on property from IESI	1672	1599	3271	3/26/2015
03/20/15	0805 hrs	Johnston Ave, Steel City	1.170	Overcast	33.1°F	E @ 8.1mph	Unknown	Odor from landfill	1680	1600	3280	3/26/2015
03/20/15	0820 hrs	Adams Ave, Steel City	0.923	Overcast	33.1°F	E @ 8.1mph	Unknown	Odor from landfill	1699	1620	3259	3/26/2015
03/20/15	0826 hrs	Fritz Ave, Steel City	0.950	Overcast	33.1°F	E @ 8.1mph	Unknown	Odor from landfill	1678	1622	3300	3/26/2015
03/25/15	0628 hrs	Mixsell Ave, Steel City	0.796	Clear	23.0°F	Calm	Residence	Odor from IESI on property	1671	1564	3235	3/26/2015
03/25/15	0629 hrs	Jefferson Ave, Steel City	0.741	Clear	23.0°F	Calm	Residence	Odor at house from landfill	1691	1563	3254	3/26/2015
03/25/15	0629 hrs	Fritz Ave, Steel City	0.950	Clear	23.0°F	Calm	Residence	Odor on Property	1691	1563	3254	3/26/2015
03/25/15	0628 hrs	Johnston Ave, Steel City	1.170	Clear	23.0°F	Calm	Residence	Gas odor on property, still present at 0758 hrs	1684	1570	3254	3/26/2015
03/25/15	0645 hrs	Saucon Avenue, Bethlehem	0.931	Clear	23.0°F	Calm	Residence	Landfill smell in house	1689	1586	3275	3/26/2015
03/25/15	0758 hrs	Johnston Ave, Steel City	1.170	Clear	26.1°F	Calm	Residence	Gas odor on property, still present at 0758 hrs	1684	1570	3254	3/26/2015
03/25/15	0800 hrs	Johnston Ave, Steel City	1.098	Clear	26.1°F	Calm	Unknown	Gas odor from landfill really smells	1696	1576	3272	3/26/2015
03/25/15	1626 hrs	Johnston Ave, Steel City	1.170	Overcast	39.2°F	ESE @ 3.5mph	Unknown	Strong odor from IESI	0	1608	1608	3/26/2015
03/26/15	0659 hrs	Mixsell Ave, Steel City	0.796	Mostly cloudy	35.1°F	Calm	Unknown	Propane smell from IESI	0	1610	1610	3/26/2015
03/26/15	0740 hrs	Johnston Ave, Steel City	1.170	Clear	34.0°F	Calm	Residence	Landfill odor on property	0	1610	1610	3/26/2015
03/26/15	0751 hrs	Adams Ave, Steel City	0.923	Clear	34.0°F	Calm	Residence	Landfill odor on property	0	1593	1593	3/26/2015

Wagoner, Jessica

From: Fisher, Dean J
Sent: Thursday, March 26, 2015 8:04 AM
To: Wagoner, Jessica
Cc: Bellas, Roger; Mcgurk, Tracey; Spaide, Jeffrey
Subject: RE: Yanchuk email regarding landfill odor in house FW: The Dump

Jessica... As discussed...

All... Jessica will follow-up.

Dean J. Fisher | Chief of Compliance Monitoring & Enforcement
Department of Environmental Protection
Waste Management Program | Operations Section
Northeast Regional Office (Region 2)
2 Public Square | Wilkes-Barre, Pennsylvania 18701-1915
Phone: 570.826.2366 | Fax: 570.826.5448
www.dep.state.pa.us

From: Spaide, Jeffrey
Sent: Thursday, March 26, 2015 8:00 AM
To: Fisher, Dean J
Cc: Bellas, Roger; Mcgurk, Tracey
Subject: FW: Yanchuk email regarding landfill odor in house FW: The Dump

Dean,

Not sure if you have seen this or not.

Jeffrey Spaide, P.E. | Environmental Engineer Manager
Department of Environmental Protection | Northeast Regional Office
2 Public Square | Wilkes-Barre, PA 18701-1915
Phone: 570.830.3111 | Fax: 570.826.5448
www.depweb.state.pa.us

From: PMdeLeon [<mailto:pmdeleon@aol.com>]
Sent: Wednesday, March 25, 2015 4:09 PM
To: manager@lowersaucontownship.org; Leslie Huhn; Bellas, Roger; Spaide, Jeffrey; Mcgurk, Tracey
Cc: 'Danielle Yanchuk'; James Birdsall; 'Lauressa McNemar'; Chris Taylor; Haz Hijazi; Donna Louder; Priscilla deLeon; Allen Schleyer
Subject: Yanchuk email regarding landfill odor in house FW: The Dump

Hi!

Please read the email from Danielle and Shaun Yanchuk. They live at 2148 Saucon Avenue, Bethlehem (Steel City). I told Danielle I would forward her email. This is very concerning that today they are smelling the landfill odor in their home. They have a 5 month old son who is also now breathing these odors.

Can someone contact Shaun and Danielle Yanchuk? Thank you!

Pris deLeon

Email: deLeon.Priscilla@gmail.com, Cell: 610-216-0566

From: Danielle Yanchuk [<mailto:horribell@gmail.com>]

Sent: Wednesday, March 25, 2015 9:44 AM

To: Priscilla

Subject: Re: The Dump

Thanks Priscilla. I look forward to hearing from you. My phone number is (484) 515-8198.

On Wed, Mar 25, 2015 at 9:42 AM, Priscilla <pmdeLeon@aol.com> wrote:

Send me your phone #. Will call you this afternoon

Pris deLeon

610-216-0566

Sent from my iPhone

> On Mar 25, 2015, at 9:32 AM, Danielle Yanchuk <horribell@gmail.com> wrote:

>

> Hi Priscilla,

>

> I hope this email finds you well. I wanted to ask if you might have some advice on what Shaun and I can do about the dump besides call and complain. The smell appears to be frequenting our side of the mountain more frequently and is really becoming a nuisance. The first 2 years we lived at the house we rarely noticed an odor issue, but this past summer was awful and we found ourselves calling several times a week to report the smell and I don't think it really is doing a whole lot of good. Now this morning I woke up for work and I smell the dump in my house! If it's this bad in the colder months I hate to imagine what August will be like. Shaun went through the motions and made the calls again, but I'm sure the complaints fall on deaf ears. We did attend the meeting back in November about property values but they didn't seem to offer any suggestions on what to do about the odor aside from calling. I was hoping you might have some suggestions?

>

> Kind Regards,

> Danielle Yanchuk

Additional Odor Patrol Logs

Investigator: Jessica Wagoner Date: 2/25/15
 Weather Conditions: 31.5°F, Overcast, 40% Humidity, SW @ 13.8 mph

IESI PA BETHLEHEM LANDFILL
 ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR		DESCRIPTION	COMMENTS & OBSERVATIONS
		INTENSITY S = Strong M = Moderate SL = Slight N = None	DURATION P = Persistent I = Intermittent N = None		
Main St	1318	N			
Shimerville	1319	N			
Saucan Ave	1321	SL	P	O	woodburning 2000block
Roberts Ave	1321	N			
Mixsell Ave	1322	SL	P	O	woodburning
Adams Ave	1323	N			
Schwab Ave	1324	N			
Fritz Ave	1324	N			
Riverside Dr	1325	N			
Mathews Ave	1327	N			
Schwab Ave	1329	N			
Riverside Dr	1330	N			
Redington	1339	N			
Lower Saucan	1340	N			
Lower Saucan	1341	N			
Stemmy Hill Rd	1344	N			
Ringhofer	1345	N			
Applebutter	1347	SL-M	P	S	2100block

Wagoner, Jessica

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Wednesday, March 04, 2015 1:10 PM
To: Wagoner, Jessica
Subject: RE: Bethlehem IF Odor Complaint Log

Jessica;

Mike and I conducted an odor patrol through Steel City. At approx 10:30 -10:40 we proceeded the entire drive on Mixsell Ave. Only smoke from wood burning stoves/fireplaces was detected. Wind was very slight and direction was heading from west to east at that time (direction was determined by observing smoke for chimneys on Mixsell). We then proceeded down toward Riverside Dr. past the hill climb and through the "narrows". No landfill odors were detected.

Flare was operating at 3100 – 3176 scfm based on flare chart reading.

No landfill operations other than disposal were occurring today.

Al

From: Wagoner, Jessica [<mailto:jwagoner@pa.gov>]
Sent: Wednesday, March 04, 2015 10:17 AM
To: Allen Schleyer
Subject: RE: Bethlehem IF Odor Complaint Log

Mixsell Ave.

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Wednesday, March 04, 2015 10:16 AM
To: Wagoner, Jessica
Subject: RE: Bethlehem IF Odor Complaint Log

Great... We will go into SC to check. Can you provide any proximity in SC ?

From: Wagoner, Jessica [<mailto:jwagoner@pa.gov>]
Sent: Wednesday, March 04, 2015 10:14 AM
To: Allen Schleyer
Subject: RE: Bethlehem IF Odor Complaint Log

Just received a complaint in Steel City at 0955 hrs this morning.

Anything going on today?

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Wednesday, March 04, 2015 9:39 AM
To: Wagoner, Jessica
Subject: RE: Bethlehem IF Odor Complaint Log

I don't think so but I will check.. Just looking at the flare paper chart the flare was operating at about 3150-3200 scfm. Ken would have either had to reduce flow or shut the flare down for a turbine restart.

From: Wagoner, Jessica [<mailto:jwagoner@pa.gov>]
Sent: Wednesday, March 04, 2015 9:33 AM
To: Allen Schleyer
Subject: RE: Bethlehem IF Odor Complaint Log

There were complaints the evening of Thursday 2/26 from 1843 hrs to 1933 hrs. Did he try to restart that night?

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Wednesday, March 04, 2015 9:23 AM
To: Wagoner, Jessica
Subject: RE: Bethlehem IF Odor Complaint Log

Yes I know he had to attempt a restart after thawing everything out in order to troubleshoot any other problems.

Have you been getting any odor complaints since Friday?

From: Wagoner, Jessica [<mailto:jwagoner@pa.gov>]
Sent: Tuesday, March 03, 2015 1:40 PM
To: Allen Schleyer
Subject: RE: Bethlehem IF Odor Complaint Log

Thanks Al.

Is BRE still down?

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Tuesday, March 03, 2015 11:13 AM
To: Redding, Tara; Wagoner, Jessica
Subject: Bethlehem IF Odor Complaint Log

Attached are the requested odor complaint logs and copy of the flare chart.

If you have any questions or need additional information please call or email.

Sincerely

Al Schleyer

Compliance Manager

IESI

A Progressive Waste Solutions Company

T: 610-317-3200 Bethlehem
T: 717-709-1700 Blue Ridge
C: 484-357-3135

IESI PA Blue Ridge Landfill
PO Box 399
Scotland, PA 17254

IESI PA Bethlehem Landfill
2335 Apple Butter Road
Bethlehem, PA 18015

Wagoner, Jessica

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Thursday, March 19, 2015 10:11 AM
To: Redding, Tara; Wagoner, Jessica
Cc: Ken Minton
Subject: Bethlehem Landfill SSM summary 2-15

The following is an update to the BRE Gas Turbine Generator / IESI Flare activity.

We had the following LFG Flare and BRE turbine shut downs at Bethlehem Landfill. Auto-valves closed as designed for each shutdown of the flare or turbine.

No odors were noted or odor complaints received by Bethlehem Landfill during the outage events. BRE is currently operating as the primary GCCS with the landfill flare as back-up.

02/03/15	Turbine shutdown	16:58	Protective shutdown
	Turbine startup	17:21	Flare running
	Turbine shutdown	17:45	Protective shutdown
	Turbine startup	17:59	Flare running
	Turbine shutdown	18:20	Protective shutdown
	Turbine startup	18:30	Flare running
02/06/15	Turbine shutdown	10:11	Protective shutdown
	Turbine startup	10:29	Flare running
02/09/15	Flare Shutdown	11:00	Low Average temp shutdown
	Flare startup	11:26	Turbine running
02/16/15	Turbine shutdown	04:14	Protective shutdown
	Turbine startup	14:46	Flare running
02/19/15	Turbine shutdown	22:09	Protective shutdown
02/20/15	Turbine startup	11:59	Flare running
02/21/15	Turbine shutdown	02:09	Protective shutdown
	Turbine startup	10:47	Flare running
	Turbine shutdown	16:24	Protective shutdown
	Turbine startup	22:50	Flare running
02/23/15	Turbine shutdown	20:10	Protective shutdown
02/24/15	Flare shutdown	10:02	Switched blower; cleaned flare igniter
	Flare startup	11:14	Duration 1 hr 11 min
	Flare shutdown	11:32	High Temperature
	Flare restart	11:42	Duration 10 min
	Flare shutdown	11:44	Loss of flame
	Flare restart	14:54	Duration 10 min
02/25/15	Flare shutdown	11:34	Loss of flame
	Flare startup	11:45	Duration 9 min
	Flare shutdown	15:02	Attempt Turbine restart
	Flare startup	16:54	Duration 1 hr 47 min
03/11/15	Turbine startup		

Documentation on file

AI Schleyer

Compliance Manager

IESI

A Progressive Waste Solutions Company

T: 610-317-3200 Bethlehem

T: 717-709-1700 Blue Ridge

C: 484-357-3135

IESI PA Blue Ridge Landfill

PO Box 399

Scotland, PA 17254

IESI PA Bethlehem Landfill

2335 Apple Butter Road

Bethlehem, PA 18015

www.iesi.com

Wagoner, Jessica

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Wednesday, April 08, 2015 7:36 PM
To: Wagoner, Jessica
Subject: FW: Inspection Follow up
Attachments: PADEP - IESI Complaint log 3-15.xlsx; Bethlehem LF radiation monitoring report 3-21& 24-15.pdf; Bethlehem LF Odor Investigation logs..pdf

Jessica;

Attached is the requested information;

1. See attached IESI odor patrol logs .
2. Leachate flows total gallons - February 813,381 gallons; March 1,189,777
3. See attached radiation report 3/21/15 and revised for 3/24/15 follow-up.
4. March 26, 2015 - BRE was conducting a turbine start-up. The flare was shut down approx 12:20 am to start the turbine. After the turbine was running, the flare was restarted. The flare automatically shut down on low temperature on two restarts. The "flame out" alarm did not reset prior to the second shutdown for a call out to notify us of the outage. Unaware of the outage, no one responded to re-light the flare until it was visually observed to be down during normal daylight working hours. SCS Field Services evaluated the malfunction and reprogrammed the timing sequence to prevent a recurrence in accordance with our Startup, Shutdown and Malfunction (SSM) Plan.

From: Wagoner, Jessica [<mailto:jwagoner@pa.gov>]
Sent: Monday, March 30, 2015 9:35 AM
To: Allen Schleyer
Subject: Inspection Follow up

Hi Al,

I just wanted to follow up with you regarding the 3/26/15 inspection/complaint investigation. I have attached the complaint log, if you could get that information to me by the end of the week that would be great. Also when getting the information from BRE could you find out if BRE was down and attempted a start up on any of these dates and times.

I would also like records for the following:

1. Records for odor patrols conducted by IESI for dates on the complaint log.
2. Leachate flow for February and March (If you have that total by the end of the week.)
3. Could you send copies of the documentation for the 3/21 radiation hit, when I looked at the Rad records I only saw the sheet identifying it as Eu-155.

And last, while I was on the site tour it was noted that the flare was down, Sam asked me to follow up with you to see what was going on with the flare at that time.

If you have any questions give me a call or email.

Thanks,
Jessica

Jessica Wagoner | Solid Waste Specialist
Department of Environmental Protection | Waste Management Program
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017
Phone: 610.861.2150 | Fax: 610.861.2072
www.dep.state.pa.us

IESI ODOR COMPLAINT LOG (2335 Applebutter Rd, Bethlehem, PA 18017)

Date	Time	Address	Distance from Landfill (miles)	Weather Data (Allentown KABE)		Residence / Drive-by Description / Notes	Gas Management Data			Addressed in Insp Report Dated	
				Temperature	Wind (out of)		Flare (scfm)	BRE (scfm)	Total (scfm)		Date of Initial Response
02/26/15	1843 hrs	Fritz Ave, Steel City	0.950			residence	Strong odor from landfill	3155	0	3155	
02/26/15	1904 hrs	Johnston Ave, Steel City	1.170			Residence	Strong odor from landfill	3179	0	3179	
02/26/15	1916 hrs	Saucon Ave, Steel City	0.883			unknown	strong odor from landfill	3144	0	3144	
02/26/15	1933 hrs	Adams Ave, Steel City	0.923			unknown	Strong odor from landfill	3154	0	3154	
03/03/15	1608 hrs	Fritz Ave, Steel City	0.950			Drive-by	stinky odor throughout Steel City	3137	0	3137	
03/04/15	1430 hrs	Jefferson Ave, Steel City	0.741			unknown	odor from IESI	0	0	0	
03/04/15	1250 hrs	Schwab Ave, Bethlehem	1.190			residence	Awful smell from landfill for 3 days, cant open doors. Smells like gas, garbage, and poop.	3203	0	3203	
03/04/15	0645 hrs	Mixsell Ave, Steel City	0.796			unknown	very strong odor from landfill	3112	0	3112	
03/10/15	1349 hrs	Fritz Ave, Steel City	0.950			unknown	strong odor from IESI	3228	0	3228	
03/17/15	0601 hrs	Fritz Ave, Steel City	0.950			Residence	malodor from IESI on property	1807	1560	3367	
03/17/15	0930 hrs	Saucon Ave, Steel City	0.883			unknown	very strong garbage odor	1794	1586	3380	
03/25/15	0628 hrs	Mixsell Ave, Steel City	0.796			Residence	odor from IESI on property	1671	1564	3235	
03/25/15	0629 hrs	Jefferson Ave, Steel City	0.741			residence	odor at house from landfill	1691	1563	3254	
03/25/15	0633 & 0758 hrs	Fritz Ave, Steel City	0.950			Residence	Gas odor on property, still present at 0758 hrs	1684	1570	3254	
03/25/15	0645 hrs	Saucon Avenue, Bethlehem	0.931			Residence	Landfill smell in house	1689	1586	3275	
03/25/15	0800 hrs	Johnston Ave, Steel City				unknown	Gas odor from landfill really smells	1696	1576	3272	
03/26/15	0659 hrs	Mixsell Ave, Steel City	0.796			unknown	Propane smell from IESI	0	1608	1608	
03/26/15	0740 hrs	Johnston Ave, Steel City	1.170			Residence	landfill odor on property	0	1610	1610	
03/26/15	0751 hrs	Adams Ave, Steel City	0.923			Residence	landfill odor on property	0	1593	1593	

Allen Schleyer

Bethlehem Landfill Odor Investigation Logs.

02/26/2015 – Sam Donato

I conducted an odor patrol east and west on Applebutter road at 8:30 am on 2-26-2015 , no odors were detected. As I traveled into Steel City I patrolled Saucon / Mixell / Adams and traveled throughout the area to the hill climb. I did notice the odors from wood burning stoves / fire places , but no LF odors were detected.

Thanks ... Sam

03/04/2015 - Mike Sheldon, Al Schleyer

Mike and I conducted an odor patrol through Steel City. At approx 10:30 -10:40 we proceeded the entire drive on Mixsell Ave. Only smoke from wood burning stoves/fireplaces was detected. Wind was very slight and direction was heading from west to east at that time (direction was determined by observing smoke for chimneys on Mixsell). We then proceeded down toward Riverside Dr. past the hill climb and through the "narrows". No landfill odors were detected.

Flare was operating at 3100 – 3176 scfm based on flare chart reading. No landfill operations other than disposal were occurring today.

Wednesday evening (03/04/15) at 6:05 pm I drove into steel City. I could detect a musty odor near the beginning along riverside and Saucon Ave area. Continuing through Steel City along Riverside , Jefferson, Schwab I detected wood burning smoke odor. Based on the direction of smoke from the nearby chimneys the wind direction was blowing toward ENE at that time.

Landfill wind direction was more prominent toward an easterly flow direction before leaving the Landfill. – A. Schleyer

03/25/2015 – Al Schleyer; email from Priscilla @ 16:09

I responded to see the Yanchuk's. Shaun stated they could smell the landfill odor in the house this morning around 06:30 am. They do call PADEP, I recommended they also call the landfill. No odors were detected at the time I was at the residence. (16:35)

Dee Raisner

From: Allen Schleyer
Sent: Saturday, March 21, 2015 9:20 AM
To: Roger Bellas; Dean Fisher; Carol Schneider; rcroll@pa.gov; Jgfong; Sam Donato; jwagoner@pa.gov; Susan French; Vito N. Galante; Dee Raisner
Subject: Bethlehem LF Radiation alarm 3-21-15

IESI detected an industrial radioactive isotope identified as Eu 155 @ 3.42 MR/hr. This is not in the acceptable medical isotope list. The truck is held on site in isolation until further evaluation and confirmation of isotope identification. IESI has contacted and will coordinate with Mr. Jim Fongheiser to assist with ID confirmation and proper disposal.

Al Schleyer
Sent from the Samsung Galaxy Rugby Pro, an AT&T LTE smartphone

Bethlehem Landfill Vehicle Survey Form

I. Initial Information

SURVEYOR NAME (PRINTED): <i>FRED Brown</i>	SURVEYOR SIGNATURE: <i>[Signature]</i>
Alarm Date/Time: <i>3/21/15</i>	Driver Name: <i>Gerald</i>
Truck License No <i>YVSC103 PA</i>	Company Name: <i>Hinkle & Son</i>

II. Instruments Used

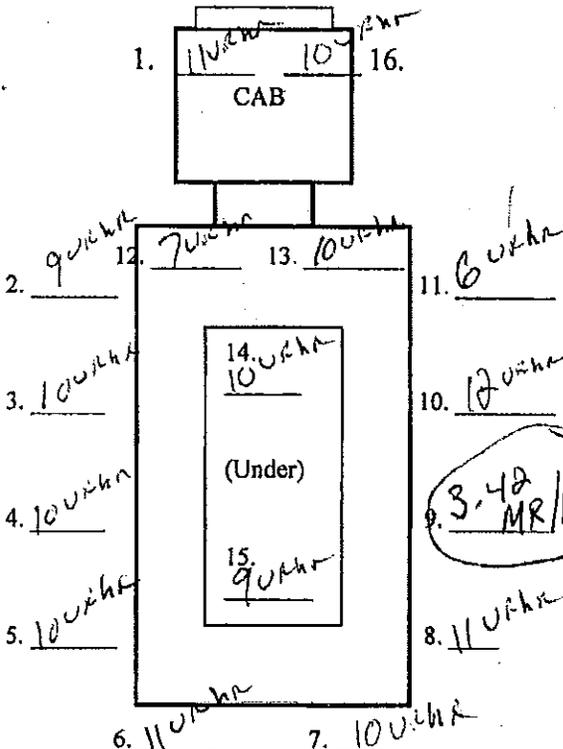
Survey Meter	SN: A	Cal Due:	Response OK? <u>Y</u>
MCA	SN: A	Cal Due:	Response OK? <u>Y</u>
Other	SN:	Cal Due:	Response OK? _____

III. Holding Area Checks

Have truck occupants recently had a medical treatment using radioisotopes?		YES	<u>NO</u>
Abbrev. Vehicle Survey (uR/hr)	Background (uR/hr): <i>11 uR/hr</i>	Front (uR/hr): <i>10 uR/hr</i>	Back (uR/hr): <i>11 uR/hr</i>
		Left (uR/hr): <i>7 uR/hr</i>	Right (uR/hr): <i>8 uR/hr</i>
Driver Survey Results (uR/hr)	Background (uR/hr): <i>10 uR/hr</i> Contact (uR/hr): <i>10 uR/hr</i>		
Route Information:	MSW from NY transfer station		

IV. Vehicle Survey

NOTE: RECORD ALL DOSE RATES, AND UNITS. MARK HIGHEST DOSE RATE and CIRCLE ON FORM.



Large Area Smear (LAS)

(Outside of truck, representative of the load)

Smear Area Description: _____

dpm = Smear cpm - Bkg cpm X 10 dpm/cpm

= _____ cpm - 9 cpm X 10 dpm/cpm

= _____ dpm/LAS

≥ 1,000 dpm/LAS may indicate contamination present.

Isotopic Identification

(from MCA Results)

Location of Scan: Right Rear of Truck Body

**** Dose Rate: ___ * (for Classifying Truck)

Isotopes Identified: 5 INDI. EU-155

3/23/15 1.44 MR/hr

Spectrum Number: 24

Notes: 3/24 Revised SM-153

Per S. Fongheiser - see email

Dee Ralsner

From: Allen Schleyer
Sent: Thursday, March 26, 2015 11:18 AM
To: rbellas@state.pa.us; Fisher, Dean J; Carol Schneider; Wagoner, Jessica; French, Susan
Cc: rcroll@pa.gov; Vito N. Galante; Dee Ralsner; Jim Fongheiser; Bonnie Kuronya
Subject: FW: Bethlehem LF Radiation alarm 3-21-15

Please see Mr. Fongheiser's comments below for isotope identification and disposal.

Detected - March 21, 2015 Samarium SM-153 @ 3.42 MR/hr; disposal - March 24, 2015

Documentation is on file.

Al Schleyer
Compliance Manager

IESI
A Progressive Waste Solutions Company

T: 610-317-3200 Bethlehem
T: 717-709-1700 Blue Ridge
C: 484-357-3135

IESI PA Blue Ridge Landfill
PO Box 399
Cotland, PA 17254

IESI PA Bethlehem Landfill
2335 Apple Butter Road
Bethlehem, PA 18015

www.iesi.com

From: Jim Fongheiser [<mailto:JGFong@aol.com>]
Sent: Thursday, March 26, 2015 10:09 AM
To: Allen Schleyer
Subject: RE: Bethlehem LF Radiation alarm 3-21-15

Hi Al,
This is to follow up on my visit to the Bethlehem Landfill on Tuesday, 3/24.

The radioactive material was located in the waste at the working face of the landfill. It was identified as Sm-153 by the Ludlum 702 MCA. This correlates to a half-life determination I did based on dose rates taken at the marked spot on the truck on two separate days. The half life of Sm-153 is 46 hours. The half life of Eu-155 is 7.4 years. The distinction is easy to make.

The material was located in municipal waste in what appeared to be house trash with animal litter, consisting of wood shavings, litter and seed. It may have been from a human patient or a veterinary application of the isotope.

I contacted Rick Croll of the PA DEP and, based on the short half life and no apparent direct connection with a radiopharmacy or hospital, it was approved to be put in the landfill.

Please let me know if you have any further questions on this event.

Thank you,
Jim Fongheiser

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]

Sent: Saturday, March 21, 2015 9:20 AM

To: Roger Bellas; Dean Fisher; Carol Schneider; rcroll@pa.gov; Jgfong; Sam Donato; jwagoner@pa.gov; Susan French; Vito N. Galante; Dee Ralsner

Subject: Bethlehem LF Radiation alarm 3-21-15

IESI detected an industrial radioactive isotope identified as Eu 155 @ 3.42 MR/hr. This is not in the acceptable medical isotope list. The truck is held on site in isolation until further evaluation and confirmation of isotope identification. IESI has contacted and will coordinate with Mr. Jim Fongheiser to assist with ID confirmation and proper disposal.

Al Schleyer

Sent from the Samsung Galaxy Rugby Pro, an AT&T LTE smartphone



IESI PA Bethlehem Landfill Corporation
Bethlehem Landfill
 2335 Applebutter Rd
 Bethlehem, PA 18015
 PH: (610)317-3200

A Progressive Waste Solutions Company

001012
 HINKLE AND SON
 PO BOX 490
 RICHLANDTOWN, PA 18951-0490
 CONTRACT: MSW2

INVOICE
 INBOUND

VOID

SITE		TICKET #		OPERATOR	
56		3958		draisner	
IN	OUT	TRUCK	CONT.	LICENCE	
3/21/15 7:40 am	3/21/15 7:40 am	HIN2		YVS6103 PA	
REFERENCE				ORIGIN	
DR				BUCKS	

GROSS 40,120.00 lb Scale In		COMMENTS: 4D/C-3 655			
TARE 35,360.00 lb Tare Out		BOL:			
NET 4,760.00 lb					
QTY	UNIT	DESCRIPTION	RATE	TAX	TOTAL
2.38	TN	MSW 40,120.00 35,360.00 4,760.00 lbs			
<i>Radioactive load - kept on site</i>					
Truck: WH 1374 C67M006965					
Container:					

I hereby certify that this load does not contain any unauthorized hazardous waste.

Weighmaster: _____ **Driver:** _____
 Dee Raisner #058880

CUSTOMER COPY

Wagoner, Jessica

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Wednesday, April 15, 2015 10:39 AM
To: Wagoner, Jessica
Subject: FW: Updated odor log
Attachments: 2015_03 IESI Complaint log.xlsx

Jessica

Attached is the update odor compliant log including the BRE information.

Al

From: Wagoner, Jessica [<mailto:jwagoner@pa.gov>]
Sent: Monday, April 06, 2015 11:45 AM
To: Allen Schleyer
Subject: Updated odor log

Al,

Below is an updated copy of the complaint log. I have highlighted the changes. Items highlighted in green are additional complaint. Items highlighted in yellow are corrections I made to the log. Please follow up on the additional complaints.

Thanks!

Date	Time	Address	Distance from Landfill (miles)	Weather Data (Allentown KABE) www.wunderground.com			Residence / Drive
				Skies	Temperature	Wind (out of)	
02/09/15	Unknown	Johnston Ave, Steel City	1.170			unknown	
02/26/15	1843 hrs	Fritz Ave, Steel City	0.950			residence	
02/26/15	1904 hrs	Johnston Ave, Steel City	1.170			Residence	
02/26/15	1916 hrs	Saucon Ave, Steel City	0.883			unknown	
02/26/15	1933 hrs	Adams Ave, Steel City	0.923			unknown	
03/03/15	1608 hrs	Fritz Ave, Steel City	0.950			Drive-by	
03/03/15	Unknown	Johnston Ave, Steel City	1.170			unknown	
03/04/15	1430 hrs	Jefferson Ave, Steel City	0.741			unknown	
03/04/15	1250 hrs	Schwab Ave, Bethlehem	1.190			residence	
03/04/15	0955 hrs	Mixsell Ave, Steel City	0.796			unknown	
03/10/15	1549 hrs	Johnston Ave, Steel City	1.170			unknown	

03/17/15	0601 hrs	Johnston Ave, Steel City	1.170				Residence
03/17/15	0930 hrs	Saucon Ave, Steel City	0.883				unknown
03/20/15	0707 hrs	Johnston Ave, Steel City	1.170				Residence
03/20/15	0805 hrs	Johnston Ave, Steel City	1.170				unknown
03/20/15	0820 hrs	Adams Ave, Steel City	0.923				unknown
03/20/15	0826 hrs	Fritz Ave, Steel City	0.950				unknown
03/25/15	0628 hrs	Mixsell Ave, Steel City	0.796				Residence
03/25/15	0629 hrs	Jefferson Ave, Steel City	0.741				residence
03/25/15	0629 hrs	Fritz Ave, Steel City	0.950				residence
03/25/15	0633 & 0758, hrs	Johnston Ave, Steel City	1.170				Residence
03/25/15	0645 hrs	Saucon Avenue, Bethlehem	0.931				Residence
03/25/15	0800 hrs	Johnston Ave, Steel City	1.170				unknown
03/26/15	1626 hrs	Johnston Ave, Steel City	1.170				unknown
03/26/15	0659 hrs	Mixsell Ave, Steel City	0.796				unknown
03/26/15	0740 hrs	Johnston Ave, Steel City	1.170				Residence
03/26/15	0751 hrs	Adams Ave, Steel City	0.923				Residence

Jessica Wagoner | Solid Waste Specialist
 Department of Environmental Protection | Waste Management Program
 Bethlehem District Office
 4530 Bath Pike | Bethlehem, PA 18017
 Phone: 610.861.2150 | Fax: 610.861.2072
www.dep.state.pa.us

IESI ODOR COMPLAINT LOG (2335 Applebutter Rd, Bethlehem, PA 18017)

Date	Time	Address	Distance from Landfill (miles)	Weather Data (Allentown, KARE)		Temperature	Wind (out of)	Residence / Drive-by Description / Notes	Gas Management Data			Addressed in Insp Report Dated
				Skies					Flare (scfm)	BRE (scfm)	Total (scfm)	
02/09/15	Unknown	Johnston Ave, Steel City	1.170					unknown, Odor from landfill	1023	2256	3279	
02/26/15	1843 hrs	Fritz Ave, Steel City	0.950					residence Strong odor from landfill	3155	0	3155	
02/26/15	1904 hrs	Johnston Ave, Steel City	1.170					Residence Strong odor from landfill	3179	0	3179	
02/26/15	1916 hrs	Saucon Ave, Steel City	0.883					unknown strong odor from landfill	3144	0	3144	
02/26/15	1933 hrs	Adams Ave, Steel City	0.923					unknown Strong odor from landfill	3154	0	3154	
03/03/15	1608 hrs	Fritz Ave, Steel City	0.950					Drive-by stinky odor throughout Steel City	3137	0	3137	
03/04/15	1430 hrs	Jefferson Ave, Steel City	0.741					unknown odor from IESI	0	0	0	
03/04/15	1250 hrs	Schwab Ave, Bethlehem	1.190					residence Awful smell from landfill for 3 days, cant open doors. Smells like gas, garbage, and poop.	3203	0	3203	
03/04/15	0953 hrs	Mixsell Ave, Steel City	0.796					unknown very strong odor from landfill	3112	0	3112	
03/10/15	1549 hrs	Fritz Ave, Steel City	0.950					unknown strong odor from IESI	3228	0	3228	
03/17/15	0601 hrs	Fritz Ave, Steel City	0.950					Residence malodor from IESI on property	1807	1560	3367	
03/17/15	0930 hrs	Saucon Ave, Steel City	0.883					unknown very strong garbage odor	1794	1586	3380	
03/20/15	0707 hrs	Johnston Ave, Steel City	1.17					Residence intermittent malodor on property from IESI	1672	1599	3271	
03/20/15	0805 hrs	Johnston Ave, Steel City	1.17					unknown odor from landfill	1680	1600	3280	
03/20/15	0820 hrs	Adams Ave, Steel City	0.923					unknown odor from landfill	1639	1620	3259	
03/20/15	0826 hrs	Fritz Ave, Steel City	0.95					unknown odor from landfill	1678	1622	3300	
03/25/15	0628 hrs	Mixsell Ave, Steel City	0.796					Residence odor from IESI on property	1671	1564	3235	
03/25/15	0629 hrs	Jefferson Ave, Steel City	0.741					residence odor at house from landfill	1691	1563	3254	
03/25/15	0629 hrs	Fritz Ave, Steel City	0.950					Residence odor on property	1691	1563	3254	
03/25/15	0633 & 0758, hrs	Johnston Ave, Steel City	1.17					Residence Gas odor on property, still present at 0758 hrs	1684	1570	3254	
03/25/15	0645 hrs	Saucon Avenue, Bethlehem	0.931					Residence Landfill smell in house	1689	1586	3275	
03/25/15	0800 hrs	Johnston Ave, Steel City						unknown Gas odor from landfill really smells	1696	1576	3272	
03/26/15	0659 hrs	Mixsell Ave, Steel City	0.796					unknown Propane smell from IESI	0	1608	1608	
03/26/15	0740 hrs	Johnston Ave, Steel City	1.170					Residence landfill odor on property	0	1610	1610	
03/26/15	0751 hrs	Adams Ave, Steel City	0.923					Residence landfill odor on property	0	1593	1593	



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BETHLEHEM DISTRICT OFFICE

April 20, 2015

Lower Saucon Township Manager
3700 Old Philadelphia Pike
Bethlehem, PA 18015

Attn: Mr. Jack Cahalan

Re: IESI PA Bethlehem Landfill
Permit # 100020
Lower Saucon Township, Northampton County

Dear Mr. Cahalan:

Please find enclosed a copy of the report of an inspection performed by this District Office at the IESI PA Bethlehem Landfill, located in your municipality. A copy of the inspection report is being provided to you pursuant to the provisions of Section 1101(a) (1) of Act 101, the Municipal Waste Planning, Recycling and Waste Reduction Act of 1988.

If you have any questions, please feel free to contact me at 610-861-2150.

Sincerely,

A handwritten signature in cursive script that reads "Jessica Wagoner".

Jessica Wagoner
Solid Waste Specialist
Waste Management Program

Enclosure