



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BETHLEHEM DISTRICT OFFICE



August 15, 2014

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

Attn: Mr. Jack Cahalan

Re: IESI PA Bethlehem Landfill
I.D. #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 610-861-2136.

Sincerely,

S

- ROUTINE Walter F. Govern III
- Council Solid Waste Specialist
- Manager Waste Management Program
- Asst. Mgr.
- Zoning
- Finance
- Police
- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other

orig

Enclosure

Web

4530 Bath Pike | Bethlehem, Pennsylvania 18017-9074

610.861.2136 | Fax 610-861-2072



www.depweb.state.pa.us



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

Inspection ID 2295534

Field Code NA

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL

Site I.D. 255983
 Site Name IESI PA BETHLEHEM LANDFILL
 Address 2335 APPLEBUTTER RD

Telephone # _____
 Operator Name IESI PA BETHLEHEM LANDFILL
 Address 2335 APPLEBUTTER RD

Municipality 8924 LOWER SAUCON
 Responsible Official SAMUEL DONATO, JR.
 Person Interviewed SAMUEL DONATO, JR.
 Inspector WALTER F. GOVERN
 eFACTS ID # PF 268729 SF 266826

County NORTHAMPTON
 Title PA DISTRICT MANAGER
 Title PA DISTRICT MANAGER
 Title SOLID WASTE SPECIALIST

Comment: _____

Inspection Date: 07/29/2014 Type: Routine Complete Inspection Results: **NO VIOLS** Resolved: / /

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

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

STATUS				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>12/31/2014</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	07/28/2014

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 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 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 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 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

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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input 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 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 07/29/2014 Identification Number 100020

Company/Facility/Site Name IESI PA BETHLEHEM LANDFILL

Comments:

On July 29, 2014 and July 30, 2014, the Pennsylvania Department of Environmental Protection (Department) conducted multiple types of inspections on the dates previously listed at IESI PA Bethlehem Landfill (IESI). Also during these inspections, investigations were conducted as a result of odor complaints received by the Department. Each inspection will be detailed below.

Since the last inspection Bharat Bham was at IESI on 06/17/2014, Becky Easley and Tara Redding was at IESI on 06/18/2014, Susan French was at IESI on 07/10/2014, Bharat Bham was at IESI on 07/11/2014, and Sheena Ripple was at IESI on 07/28/2014 representing the Department.

July 29, 2014 – ROUTINE COMPLETE INSPECTION

On July 29, 2014, the Department conducted a routine complete inspection at IESI. Representing the Department during this inspection was Walter F. Govern III (this inspector). Representing IESI was Al Schleyer, Compliance Manager. Weather was Mostly Sunny, 67.5°F, with winds out of the northeast at 5.6 mph, gusting at 8.3 mph (www.wunderground.com).

Prior to entering the landfill for the inspection, an odor patrol was conducted along Applebutter Road, throughout Steel City and around the north side of the landfill on Riverside Drive, out to Easton Road and along Skyline Drive. See attached odor patrol log dated 07/29/2014 for details.

The entrance road to the facility and the access roads to the working face were clean and free of litter and debris.

The flare was in operation at IESI during the time of this inspection. Landfill gas was being burned in the Flare at 1654°F at a flow of 1250 scfm. Landfill gas from IESI was also being burned at the Bethlehem Renewable Energy (BRE) Plant adjacent the landfill during the time of this inspection.

IESI is in the stages of applying cover and topsoil to the recently capped area of the southern slope. IESI is also installing a storm water channel (Channel DS-2) to carry storm water from the benches, down the south slope to a separate three foot piped channel (Channel S) that leads directly to Basin 4.

During the time of this inspection, this inspector observed a new misting line being installed to assist with odor control. This line is being installed along the south western part of the southern access road heading around the south slope leading to the western slope of the landfill. Mr. Schleyer stated that the misters are turned on every morning prior to removing the tarp on the working face. If odors are under control the misters are turned off until needed.

Cell 4E Stage II was the area accepting waste during the time of this inspection. There were four trucks dumping at the working face during the time this inspector was observing the working face. No trucks were waiting to dump during the time of this inspection. A tipper is onsite but is not yet in use.

The radiation logs for July to the date of this inspection were reviewed. There were three radiation hits since this inspector's last inspection. On 07/11/14, 07/24/14, and 07/28/14, I-131 was detected as a level 1 alarm. The loads were dumped at the landfill as per the radiation action monitoring plan. Log sheets were reviewed showing that the radiation monitors were detecting hits on known sources. Calibration for the radiation monitor was conducted on 06/09/2014 and is due 06/09/2015.

Daily tonnage reports were observed for July to the date of this inspection. The weight logs appear complete. The maximum daily tonnage observed in July to the date of this inspection was logged on 07/23/2014 at 1,587.3 tons. The overweight report for the month of July logged 26 overweight trucks to the date of this inspection. One of the trucks was over the 3% mark. A copy of the overweight trucks report for July is attached to this report.

Insurance certificates were reviewed and are valid. The certificate expires 12/31/2014.

July 10, 2014 – July 11, 2014 – Waste truck staged overnight loaded with waste at IESI

On July 10, 2014 at 1327 hrs, A rear-loaded packer garbage truck operated by Kohler Waste Services arrived at IESI to unload municipal solid waste. The rear hatch was opened but the hydraulic pump malfunctioned and the waste was unable to be expelled from the truck. Repair services were requested but the repairs were not able to be completed until July 11, 2014. IESI considered towing the truck out of the landfill but due to the hydraulic pump malfunction, the truck could not be properly closed. Towing the truck out of the landfill would result in a waste hauling vehicle being moved with exposed waste. IESI decided to stage the truck at the working face until the hydraulic pump could be repaired.

On July 11, 2014, the pump repairs were completed, the waste was dumped at the working face. The empty waste hauling vehicle exited the landfill at 0758 hrs.

July 14, 2014 - Storm water event

During this inspection, this inspector was given an overview of what happened during the storm water event on July 14, 2014. Please see the IESI Incident Report dated 07/14/2014, attached to this inspection report. Mr. Schleyer explained that to in order to mitigate the potential for future occurrences, Channel DS-2 is under construction down the newly capped area. This channel travels down the southern slope and discharges to Channel S (a three foot diameter, piped channel that flows parallel to Channel A and discharges to Basin 4). Channel DS-2 will collect water that is flowing along the benches of the south slope of the landfill and by-pass Channel A to Basin 4, lightening the amount of storm water Channel A has been collecting while the new capping area is under construction.

IESI is also upgrading Inlet 2 between Channel B and Channel A. Inlet 2 at the end of Channel B, discharges storm water to Basin 6. Currently, the inlet has a flat grate that is flush with the bottom of the channel. When storm water carries debris and silt down Channel B, Inlet 2 gets blocked and allows storm water to continue down through Channel A. The plan is to install an elevated cage to Inlet 2. Now when debris flows down channel, the front of the cage may get blocked but water will be allowed to flow around the blockage and down the sides of the inlet cage. This should allow storm water from Channel B to discharge to Basin 6 as designed. Again this lightens the load Channel A will receive during heavy rain events. As of August 1, 2014, the grate on Inlet 2 has been installed at the end of Channel B. See email and attached photo attached to this inspection report.

IESI believes these upgrades to erosion and sediment controls should prevent future overflows of storm water similar to the ones experienced during the last three months at IESI.

July 30, 2014 – COMPLAINT INSPECTION CONDUCTED BY AMY FAULCH, PA DEP SOLID WASTE SP.

On 7/30/14, two complaints of odors from IESI Bethlehem Landfill (IESI) were received by the Department's Waste Management Program at the following times and locations: 0756 hours along W. Butternut Rd. and 0859 hours along Texas Rd.

Amy Faulch (this inspector) arrived in the area of IESI at 0917 hours on 7/30/14. At the time of this inspection the weather was described as clear, 67°F, with winds from the west at 4mph. An odor patrol was conducted in the following areas: Rt. 412, Shimersville Rd., Applebutter Rd., Valley View Rd., Buttermilk Rd., Kichline Rd., W. Butternut Rd., Woodland Dr., Texas Rd., Lower Saucon Rd., Ringhoffer Rd., Sherry Hill Rd., Saucon Ave., Roberts Ave., Mixsell Ave., Adams Ave., Riverside Dr. and Redington Rd. A strong, persistent sewage odor was detected near the sewage treatment plant. A moderate, persistent gas odor was detected at the IESI entrance and just east of the entrance. Wood burning odors were detected at the intersection of Applebutter Rd. and Valley View Rd, and along Ringhoffer Rd. A skunk odor was detected along Lower Saucon Rd. A light, intermittent garbage odor was detected along Valley View Rd. as this inspector was travelling behind a garbage truck. Very light, intermittent garbage odors were detected along W. Butternut Rd. at the intersections of Mansfeld Ct. and Woodland Dr. Light, intermittent garbage odors were detected along Applebutter Rd. just east of IESI at 1007 hours and 1025 hours, and became a very light, intermittent garbage odor at 1044 hours. A light, intermittent, sharp garbage odor was detected along Sherry Hill Rd. No other offsite odors were detected during this odor patrol. See 7/30/14 odor patrol log for details.

At 0939 hours, this inspector met with a complainant along W. Butternut Rd. No odors were confirmed with the complainant on their property at this time. The complainant stated that they were getting a strong garbage odor on their property earlier this morning, as well as at approximately 0700 hours on 7/29/14 and 7/26/14. The complainant also stated that they were getting the odor on 7/30/14 along Woodland Rd. and Lower Saucon Rd. This inspector also went to a complainant residence along Texas Rd.; however the complainant was not at home at this time. No odors were detected at their residence along Texas Rd.

This inspector entered the landfill at 1048 hours on 7/30/14. Mr. Mike Shelden provided a site tour and was interviewed

on behalf of IESI. Mr. Shelden stated that he did not note any particularly odorous loads, and there was no gas work being performed on this date. Mr. Shelden stated that he had done an odor patrol around the landfill at 0650 hours but did not detect any odors. This inspector observed the working face, which was located in Cell 4E. There were no trucks dumping at the working face at the time of this inspection. A moderate garbage odor was detected in the immediate area of the working face. IESI's odor control misters are installed, however were not running at the time of this inspection. The northern mister was running from 0700-1000 hours on the date of this inspection, as per Mr. Shelden, however the southern mister was not running due a lack of water from filter cleaning the previous evening. This inspector and Mr. Shelden drove the east access road and around the MSE berm; no odors were detected in these areas. This inspector and Mr. Shelden drove Applebutter Rd., Sherry Hill Rd. and Ringhoffer Rd. but did not detect any odors.

COMPLAINT INVESTIGATIONS

Please see attached spreadsheet regarding the data collected for the complaints received by the Department since the last inspection.

This concludes this inspection report.

WJW
08/15/2014

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

Signature by the persons interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Person Interviewed Sent via 1st Class Mail Date 08/15/2014
(Signature)

Inspector *Walter W. [Signature]* Date 08/15/2014
(Signature)

IESI ODOR COMPLAINT LOG for July 29, 2014 Inspection Report (2335 Applebutter Rd, Bethlehem, PA 18017)

Date	Time	Address	Distance from Landfill (miles)	Weather Data (Wassergas KPAHELIEZ)			Resident Location in Relation to Landfill	Residence / Drive-by	Description / Notes	Gas Management Data			Addressed in Insp Report Dated
				Skies	Temperature	Wind (out of)				Flare (scfm)	BRE (scfm)	Total (scfm)	
06/06/14	19:16 hrs	Ivywood Ave, Steel City	1.077	Mostly Sunny	72.5°F	W @ 2.3 mph	N/A	Drive-by	Strong odor from IES while driving Applebutter Rd	1100	2126	3226	7/29/2014
06/08/14	07:01 hrs	W Butternut Rd, Hellertown	2.588	Clear	61.8°F	Calm - No Wind	SE	Residence	Strong garbage odor from IES	1040	2128	3168	7/29/2014
06/09/14	16:08 hrs	Adams Ave, Steel City	0.923	Overcast	71.3°F	N @ 4.5 mph	NW	Residence	Reporting Odors	850	2174	3024	7/29/2014
06/09/14	17:52 hrs	Fritz Ave, Steel City	0.950	Overcast	69.9°F	NNE @ 3.5 mph	NW	Residence	Foul odor coming onto property	800	2135	2935	7/29/2014
06/11/14	06:55 hrs	Skyline Drive, Bethlehem	0.627	Overcast	64.3°F	NW @ 3.0 mph	W	Residence	Gas odors coming from landfill	760	2136	2896	7/29/2014
06/11/14	10:34 hrs	Saucun Ave, Steel City	0.883	Rain	61.6°F	NE @ 1.0 mph	NW	Residence	Gas odors coming from landfill	625	2145	2770	7/29/2014
06/17/14	16:38 hrs	Saucun Ave, Steel City	0.904	Overcast	63.7°F	NW @ 11.5 mph	NW	Residence	Gas odors coming from landfill	740	2285	2975	7/29/2014
06/11/14	22:06 hrs	Saucun Ave, Steel City	0.878	Overcast	62.0°F	N @ 10.4 mph	NW	Residence	Gas odors coming from landfill	700	2209	2909	7/29/2014
06/12/14	18:50 hrs	Fritz Ave, Steel City	0.950	Overcast	67.3°F	NW @ 3.0 mph	N/A	Drive-by	Reporting odors	840	2080	2930	7/29/2014
06/13/14	17:39 hrs	Fritz Ave, Steel City	0.950	Broken Clouds	83.8°F	Calm - No Wind	NW	?	Reporting odors	1100	1995	3095	7/29/2014
06/15/14	22:28 hrs	Country Side Lane, Hellertown	1.137	Clear	67.8°F	Calm - No Wind	N/A	Drive-by	Strong odors on Applebutter Rd	840	2085	2925	7/29/2014
06/18/14	07:48 hrs	W Butternut Rd, Hellertown	2.588	Clear	75.3°F	SW @ 4.5 mph	SE	Residence	Strong odor from either IES or Columbia Gas Facility	1050	1965	3015	7/29/2014
06/20/14	08:45 hrs	Rowe Lane, Bethlehem	0.917	Clear	71.5°F	Calm - No Wind	SE	Residence / Drive-by	Odor so bad, dizzy and vomiting	950	2113	3063	7/29/2014
06/22/14	09:41 hrs	Skyline Drive, Bethlehem	0.627	Clear	69.9°F	WNW @ 1.2 mph	N/A	Drive-by	Landfill gas on Applebutter Rd	980	2183	3163	7/29/2014
06/26/14	06:58 hrs	W Butternut Rd, Hellertown	2.588	Overcast	68.9°F	SSW @ 4.5 mph	SE	Residence	Foul odors outside	1070	2133	3203	7/29/2014
06/27/14	09:12 hrs	Fritz Ave, Steel City	0.950	Broken Clouds	70.1°F	NE @ 3.5 mph	N/A	Drive-by	Reporting odors on Riverside Dr, Steel City	970	2254	3224	7/29/2014
06/28/14	20:00 hrs	Fritz Ave, Steel City	0.950	Overcast	76.7°F	Calm - No Wind	NW	?	Reporting odors outside	1040	2156	3196	7/29/2014
07/03/14	08:20 hrs	Fritz Ave, Steel City	0.950	Overcast	73.2°F	Calm - No Wind	NW	Residence	Odor right outside house	1000	2150	3150	7/29/2014
07/09/14	08:50 hrs	Adams Ave, Steel City	0.923	Overcast	74.6°F	Calm - No Wind	NW	Residence	Strong odor of rotten eggs & garbage	1010	2125	3135	7/29/2014
07/14/14	18:29 hrs	Mixell Ave, Steel City	0.801	Rain	72.7°F	Calm - No Wind	NW	Residence	Strong odors coming from IES landfill	1305	2025	3330	7/29/2014
07/14/14	18:30 hrs	Fritz Ave, Steel City	0.950	Rain	72.7°F	Calm - No Wind	NW	?	Reporting odors	1300	2016	3316	7/29/2014
07/18/14	08:30 hrs	Kings Mill Rd, Hellertown	1.569	No Data Regarding Skies	61.2°F	Calm - No Wind	SE	Residence	Reporting odors at house	1140	2225	3365	7/29/2014
07/18/14	18:39 hrs	Fritz Ave, Steel City	0.950	Partly Cloudy	75.9°F	WNW @ 4.6 mph	NW	?	Reporting odors	1250	2188	3438	7/29/2014
07/20/14	15:53 hrs	Fritz Ave, Steel City	0.950	Mostly Cloudy	81.0°F	Calm - No Wind	NW	?	Reporting odors	1210	2168	3378	7/29/2014
07/20/14	15:53 hrs	Roberts Ave, Steel City	1.059	Mostly Cloudy	81.0°F	Calm - No Wind	NW	Residence	Real strong odors	1210	2168	3378	7/29/2014
07/20/14	16:06 hrs	Fritz Ave, Steel City	0.950	Mostly Cloudy	79.0°F	ESE @ 3.8 mph	NW	Residence	Real strong odors	1200	2186	3386	7/29/2014
07/20/14	18:01 hrs	Quincy Ave, Steel City	N/A	Overcast	79.0°F	Calm - No Wind	NW	Residence	Real strong odors	1200	2183	3383	7/29/2014
07/20/14	17:56 hrs	No Address, Steel City	N/A	Overcast	79.0°F	Calm - No Wind	NW	Residence	Real strong odors	1200	2180	3380	7/29/2014
07/21/14	09:24 hrs	Hilltop Circle, Easton	0.827	Clear	72.0°F	NW @ 3.5 mph	NE	Residence	Methane gas odor on property	1160	2204	3364	7/29/2014
07/21/14	14:26 hrs	Johnston Ave, Bethlehem	3.119	No Data Regarding Skies	85.1°F	Calm - No Wind	NNW	Residence	Odors are real bad and making it hard to breathe	1220	2183	3403	7/29/2014
07/24/14	08:04 hrs	Hodie Ave, Easton	3.100	No Data Regarding Skies	65.7°F	Calm - No Wind	NE	Residence	Landfill gas odors every morning	1155	2084	3239	7/29/2014
07/24/14	08:47 hrs	Kings Mill Rd, Hellertown	1.569	No Data Regarding Skies	67.8°F	NE @ 2.2 mph	SE	Residence	Bad odors in the morning	1150	2100	3250	7/29/2014
07/25/14	17:10 hrs	No Address, Steel City	N/A	No Data Regarding Skies	80.8°F	NE @ 1.6 mph	NW	Residence	Strong odor from landfill	1370	2068	3438	7/29/2014
07/29/14	07:20 hrs	W Butternut Rd, Hellertown	2.588	Clear	57.9°F	WSW @ 5.8 mph	SE	Residence	Strong odors from the landfill can't open windows	1150	2158	3308	7/29/2014
07/30/14	07:55 hrs	W Butternut Rd, Hellertown	2.588	Clear	58.4°F	SW @ 3.5 mph	SE	Residence	Odor from landfill in the air	1130	2203	3333	7/29/2014
07/30/14	08:53 hrs	Texas Rd, Easton	2.392	Clear	65.5°F	WNW @ 2.3 mph	E	Residence	Strong burning type smell from the landfill	1180	2145	3325	7/29/2014

The Wassergas Weather Station was down from 7/9/14 @ 08:56 hrs through 7/29/14 @ 21:37 hrs (www.wunderground.com).
 Weather data in **BOLD ITALICS** is from data collected from the Fountain Hill South Mountain Weather Station (www.wunderground.com).
 The Fountain Hill South Mountain Weather Station was down from 7/18/14 @ 11:33 hrs and again from 7/21/14 @ 19:14 hrs and again from 7/28/14 @ 00:01 hrs through 7/29/14 @ 12:39 hrs.
 Weather data in the **Gray/Shaded** cells and in **italics** is from data collected from the Lehigh Valley International Airport Weather Station (www.wunderground.com).

CASE: IESI Landfill

ODOR PATROL SURVEY

Investigator: J. Wagoner/W. Glover Date: 6/20/14

Weather Conditions: 73.9°F clear 41% humidity, W @ 5.8 mph

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
Rt 412	1209	N			eFACTS ID# 2290321
Rt 412 & Shimersville	1211	SL	I	O	Napthalene odor
Shimersville	1212	SL-M	P	S/O	floral, sewage, chlorine odors near STP
Saucan Ave	1213	SL	I	O	grass clipping odor
Roberts Ave	1214	N			
Mixsell Ave	1214	SL	I	O	honeysuckle
Adams	1216	N			
Riverside Dr.	1220	SL	I	O	honeysuckle & railroad bed odors
Redington	1221	SL	I	O	oil odor
Lower Saucan Rd.	1225	N			
Lower Saucan Rd.	1228	N			
Ringhoffer	1232	M	I	O	woodburning odor
Applebutter	1238	SL	I	LFG	from IESI entrance to BRE entrance
Skyline	1244	N			
Applebutter	1240	N			
Shimersville	1249	M	P	S/O	sewage and mint odors near STP

IESI PA BETHLEHEM LANDFILL
ODOR PATROL SURVEY

Date: 07/29/2014

Investigator: Walter F. Gowers III
Weather Conditions: Mostly Sunny, 67.5°F w/ wind out of the NE @ 5.6 mph
www.wunderground.com

eFACTS ID# 2295534

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
Shinersville Rd	1003	N	N	-	
Saucan Ave	1009	N	N	-	Garbage Collection Day
Roberts Ave	1010	SL	I	O	Gross Cutting Odors
Mixsell Ave	1012	N	N	-	
Adams Ave	1013	SL	P	O	Garage Odors @ East of Adams Ave, Riverside Dr. Patrol on Odors
Riverside Dr.	1015	SL	I	O	Decomposing Grass Odors along Riverside Dr. west of Hill
Entrance to Steel City Hill Climb	1015	SL	P	O	Rail bed Odors
Riverside Dr.	1018	N	N	-	
Redington Rd.	1022	N	N	-	
L. Saucan Rd.	1027	SL	I	O	Gross Cutting Odors
Just L. Saucan Rd + Easton Rd.	1027	SL	I	O	Mulch Odors, 2 Large Chipped Wood Piles Observed
L. Saucan Rd.	1028	N	N	-	
Kings Mill Rd (west)	1030	N	N	-	
Kings Mill Rd (East)	1032	N	N	-	
L. Saucan Rd.	1033	N	N	-	
Easton Rd (West)	1036	N	N	-	
Easton Rd (East)	1038	N	N	-	
Ringhoffer Rd	1040	SL	P	LFG	Ringhoffer Rd. Southwest of I-68 has slight LFG Odor.

IESI PA BETHLEHEM LANDFILL
ODOR PATROL SURVEY

Investigator: A. Fawcch Date: 7/30/14
Weather Conditions: Clear 67°F, wind HW

EFACTS # 2291056

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
Pa 412	917	N			
Shinersville	920	S	P	S	strong, persistent sewage odor near sewage treatment plant
Applebutter	922	M	P	LFG	moderate, persistent gas odor @ 1st entrance of just east of entrance
Applebutter x Valley View	920	M	I	O	moderate, intermittent wood burning odor
Valley View	930	SL	I	G	light, intermittent garbage odor. Chawetting behind garbage trucks
Buttermilk	933	N			
Kichline	934	N			
W. Butternut	934	SL	I	G	very light, intermittent garbage odor @ w. Butternut x Mansfield
woodland	936	N			
Kichline	937	N			
W. Butternut	939	N			met w/ complainant- no odor on Property
W. Butternut	950	SL	I	G	very light intermittent garbage odor @ w. Butternut x woodland
woodland	952	N			
Kichline	953	N			
Buttermilk	954	N			
Texas	957	N			
Buttermilk	10 ⁰⁵	N			
Lower Sawcon Rd	10 ⁰⁶	M	I	O	moderate, intermittent skunk odor

IESI PA BETHLEHEM LANDFILL
ODOR PATROL SURVEY

Investigator: A. Fawcch Date: 7/30/14
Weather Conditions: Clear, 67°F, wind 4W

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
Applebutter	1007	SL	1	G	light, intermittent garbage odor east of IES1
Ringhofer	1012	SL	1	O	light, intermittent wood burning odor
Easton Rd	1015	N			
Ringhofer	1020	N			
Sherry Hill	1021	SL	1	G	light, intermittent, sharp garbage odor
Applebutter	1025	SL	1	G	light, intermittent garbage odor just east of IES1
Shimmersville	1031	N			
Sawcon Ave	1032	N			
Roberts Ave	1033	N			
Mixsell	1034	N			
Adams	1035	N			
Riverside	1035	N			
Reddington	1039	N			
Lower Sawcon Rd	1042	SL	1	O	light, intermittent skunk odor
Applebutter	1044	SL	1	G	very light, intermittent garbage odor just east of IES1
ENTER LANDFILL	1048				
Applebutter	1131	N			odor patrol w/ Mike Sheldor of IES1
Sherry Hill	1134	N			

**IESI PA BETHLEHEM LANDFILL
ODOR PATROL SURVEY**

Investigator: A. Fawcett Date: 7/30/14
 Weather Conditions: Clear, 67°F, wind 4W

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
Ringshofer	1137	N			
Applebutter	1140	N			

AE 7/30/14

Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Friday, July 11, 2014 12:07 PM
To: Schweitzer, Andrew
Cc: Govern, Walter
Subject: Bethlehem Landfill SSM summary

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.

May 1, 2014	Flare shutdown	00:33	Flame Out
	Flare startup	07:41	Turbine running
May 2, 2013	Turbine shutdown	02:32	Protective shutdown
	Flare shutdown	08:36	To start turbine
	Turbine startup	10:05	Duration 1 hr 37 min
	Flare startup	13:27	Duration 27 min Turbine running
	Turbine shutdown	15:00	well field maintenance
	Flare shutdown	16:48	To start turbine
	Turbine startup	17:23	Duration 43 min
	Flare startup	18:44	Duration 43 min Turbine running
May 4, 2014	Flare shutdown	16:05	Low avg. temp shutdown
	Flare startup	20:19	turbine running
	Flare shutdown	23:06	Loss of flame
	Flare startup	23:16	Turbine running
May 5, 2014	Flare shutdown	00:18	Loss of flame
	Flare startup	00:30	Turbine running
	Flare shutdown	01:40	Loss of flame
	Flare startup	01:50	Turbine running
	Flare shutdown	02:03	Loss of flame
	Flare startup	02:13	turbine running
May 11, 2014	Flare shutdown	04:51	Loss of flame
	Flare startup	05:10	turbine running
	Flare shutdown	08:58	Loss of flame
	Flare startup	10:32	Turbine running
	Flare shutdown	20:07	Low temperature
	Flare startup	21:41	turbine running
May 12, 2014	Flare shutdown	01:27	Loss of flame
	Flare startup	07:20	turbine running
May 13, 2014	Flare shutdown	15:45	Maintenance
	Flare startup	18:42	Turbine running
May 14, 2014	Flare shutdown	08:42	Maintenance
	Turbine shutdown	17:38	Loss of utility power
	Turbine startup	20:59	Duration 3 hr 21 min
May 15, 2014	Flare startup	17:30	Duration 3 hr 21 min turbine running
May 16, 2014	Flare shutdown	08:40	Maintenance
	Flare startup	09:16	Turbine running

	Flare shutdown	10:11	Maintenance
	Flare startup	10:35	turbine running
	Flare shutdown	13:01	Maintenance
	Flare startup	13:14	turbine running
	Flare shutdown	13:28	Maintenance
	Flare startup	13:57	turbine running
May 17, 2014	Flare shutdown	13:22	Low temperature
	Flare startup	13:23	turbine running
May 18, 2014	Flare shutdown	14:13	Hi temp
	Flare startup	14:45	Turbine running
	Flare shutdown	19:47	Low avg. temp.
	Flare startup	22:34	Turbine running
May 19, 2014	Flare shutdown	13:36	Hi temp
	Flare startup	14:25	Turbine running
May 19, 2014	Flare shutdown	20:12	high temp
	Flare startup	20:13	turbine running
May 20, 2014	Turbine shutdown	06:54	Maintenance
	Flare shutdown	15:01	To start turbine
	Turbine startup	16:53	Duration 1 hr 30 min
	Flare startup	17:44	Duration 1 hr 30 min Turbine running
May 25, 2014	Flare shutdown	04:47	Low avg. temp
	Flare startup	09:59	Turbine running
May 26, 2014	Turbine shutdown	04:48	PPL switchyard shutdown at BRE
	Flare shutdown	17:50	Hi temp
May 27, 2014	Flare startup	00:04	Duration 6 hr 14 min
	Flare shutdown	09:17	Maintenance
	Flare startup	09:39	Duration 23 min
May 31, 2014	Flare shutdown	05:34	To start turbine
	Turbine startup	06:16	Duration 47 min
	Flare startup	07:12	Duration 47 min then turbine running
	Flare shutdown	11:30	Low temp
	Flare startup	11:55	Turbine running

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

www.iesi.com

Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Monday, July 14, 2014 1:46 PM
To: Schweitzer, Andrew; Govern, Walter
Cc: Ken Minton
Subject: Bethlehem Landfill SSM summary 6-14

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.

Jun 1, 2014	Flare shutdown	14:30	Loss of Flame
	Flare startup	14:55	Turbine running
Jun 2, 2013	Flare shutdown	11:14	Low stack temp
	Flare startup	11:55	Turbine running
	Turbine shutdown	16:44	Protective shutdown
	Flare shutdown	16:53	Hi temp
	Turbine startup	17:06	Duration 13 min
	Flare startup	18:57	Duration 13 min Turbine running
Jun 5, 2014	Flare shutdown	09:30	Loss of flame
	Flare startup	10:04	turbine running
Jun 12, 2014	Flare shutdown	06:46	Loss of flame
	Flare startup	07:01	Turbine running
	Flare shutdown	12:26	Loss of flame
	Flare startup	13:09	Turbine running
	Turbine shutdown	18:23	Protective shutdown
	Flare shutdown	20:41	To start turbine
	Turbine startup	22:49	Duration 2 hr 9 min
Jun 13, 2014	Flare startup	00:19	Turbine running
Jun 19, 2014	Flare shutdown	10:31	Low stack temp.
	Flare startup	11:07	turbine running
	Flare shutdown	11:10	Loss of flame
	Flare startup	13:16	Turbine running
	Flare shutdown	13:43	Loss of flame
	Flare startup	14:01	turbine running
Jun 23, 2014	Flare shutdown	04:34	Low stack temp
	Flare startup	05:04	turbine running
Jun 25, 2014	Turbine shutdown	09:31	Protective shutdown
	Flare shutdown	11:29	To start turbine
	Turbine startup	12:11	Duration 43 min
	Flare startup	13:44	Duration 43 min then turbine running

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

www.iesi.com

Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Wednesday, August 13, 2014 3:45 PM
To: Schweitzer, Andrew; Govern, Walter
Subject: Bethlehem Landfill July SSM summary

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.

July 10, 2014	Turbine shutdown	09:55	Protective shutdown
	Turbine startup	10:19	Flare running
July 14, 2014	Turbine shutdown	02:33	Protective Shutdown
	Flare shutdown	08:35	To start turbine
	Turbine startup	09:03	Duration 28 min
	Flare startup	09:57	Duration 28 min turbine running
July 31, 2014	Turbine shutdown	11:04	Maintenance
Aug 1, 2014	Flare shutdown	10:18	To start turbine
	Turbine startup	12:24	Duration 2 hr 6 min
	Flare startup	13:44	Duration 2 hr 6 min then turbine running

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
Scotland, PA 17254

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

www.iesi.com

Govern, Walter

From: Fisher, Dean J
Sent: Thursday, August 14, 2014 10:42 AM
To: Govern, Walter
Subject: FW: Adams Ave Odor Complaint

Importance: High

Reminder....

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

From: Fisher, Dean J
Sent: Thursday, July 03, 2014 10:00 AM
To: Allen Schleyer; Sam Donato
Cc: Govern, Walter; ctaylor@hanovereng.com; zoning@lowersaucontownship.org; Bonnie Kuronya; Schweitzer, Andrew; Bellas, Roger
Subject: RE: Adams Ave Odor Complaint

Thank you for your response to this complaint.

Wally will follow-up as usual during his next inspection.

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Thursday, July 03, 2014 9:55 AM
To: Fisher, Dean J; Sam Donato
Cc: Govern, Walter; ctaylor@hanovereng.com; zoning@lowersaucontownship.org; Bonnie Kuronya
Subject: RE: Adams Ave Odor Complaint

Dean

I am providing this email as a follow-up to the voicemail Sam had left on you office phone.

Sam responded to the location at approximately 9:32 am. No odors were detected at the location or throughout the Steel City area. On a return route back to Adams Ave. Sam encountered an Adams Ave resident outside their home. The resident stated that they did not detect any odors today.

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

www.iesi.com

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

Sent: Thursday, July 03, 2014 9:23 AM

To: Fisher, Dean J; Sam Donato

Cc: Govern, Walter; ctaylor@hanovereng.com; zoning@lowersaucontownship.org

Subject: RE: Admas Ave Odor Complaint

We are on our way. The spray line is on.

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

www.iesi.com

From: Fisher, Dean J [<mailto:defisher@pa.gov>]

Sent: Thursday, July 03, 2014 9:13 AM

To: Allen Schleyer; Sam Donato

Cc: Govern, Walter; 'Chris Taylor' (ctaylor@hanovereng.com); 'Chris Garges' (zoning@lowersaucontownship.org)

Subject: Admas Ave Odor Complaint

Hi Sam & Al... We have a complaint of "rotten eggs & garbage" along Adams Ave in Steel City. Would you please investigate?

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Tuesday, July 15, 2014 9:22 AM
To: Fisher, Dean J
Cc: Govern, Walter; Sam Donato
Subject: RE: Overnight Truck

Will do

Dean, Walley;

Also during a sudden storm event last night we had another wash out onto Applebutter Road at approx. 6:20pm. I called the NERO emergency number and also left voicemail with Sheena Ripple for notification.

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

www.iesi.com

From: Fisher, Dean J [<mailto:defisher@pa.gov>]
Sent: Tuesday, July 15, 2014 8:46 AM
To: Allen Schleyer
Cc: Govern, Walter
Subject: Overnight Truck

Al,

I received your message about the rear-loader with the hydraulic system issue preventing unloading. It is my understanding it was staged overnight at the landfill. Please be sure the event is noted in the daily operating record.

Thanks for notifying me.

Dean

Wally.– Please mention this in your next IR.

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

Govern, Walter

From: Fisher, Dean J
Sent: Thursday, July 24, 2014 10:43 AM
To: Sam Donato
Cc: ctaylor@hanovereng.com; Govern, Walter; Allen Schleyer
Subject: RE: IESI Odor Complaint

Thanks Sam.

Wally will follow-up on his next inspection.

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

From: Sam Donato [<mailto:sjdonato@iesi.com>]
Sent: Thursday, July 24, 2014 10:37 AM
To: Fisher, Dean J; Allen Schleyer
Cc: ctaylor@hanovereng.com; Govern, Walter
Subject: RE: IESI Odor Complaint

Dean:

The information listed below was our observation and findings with regard to the odor complaint .

Any question , please contact me.

Thanks ... Sam

Nick returned with the following comments:

Left landfill @ 10:20 am
Arrived on Kings Mill Road with window open – did not smell a rancid smell or any smell at all
Drove to end of Kings Mill Road that is nearest to landfill and sat there for 20 minutes – did not smell anything
Kings Mill Road is on the other side of I-78 and probably 5 miles southeast of the landfill (don't see how landfill smell can travel that far an over an interstate to even be smelled)
No smell on return to landfill

Samuel Donato
District Manager

IESI

A Progressive Waste Solutions Company

C: 610-554-5082

Mailing Address
2335 Applebutter Road
Bethlehem, PA 18015

www.iesi.com

From: Fisher, Dean J [<mailto:defisher@pa.gov>]
Sent: Thursday, July 24, 2014 9:08 AM
To: Sam Donato; Allen Schleyer
Cc: 'Chris Taylor' (ctaylor@hanovereng.com); Govern, Walter
Subject: IESI Odor Complaint

Sam/Al,

I just received word of an odor complaint (described as a "rancid smell") along Kings Mill Road (Hellertown address off of Lower Saucon Road) allegedly originating from IESI. Would you (or have someone) investigate?

Thanks,

Dean

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

Govern, Walter

From: Sam Donato <sjdonato@iesi.com>
Sent: Thursday, July 24, 2014 2:17 PM
To: Fisher, Dean J; Allen Schleyer
Cc: Govern, Walter; Faulch, Amy; Joe Klobusicky - Chrin Bros San Lndfl
Subject: RE: Sanitary Landfill Web Form

Dean:

We can check out that location, but it's 9 miles from the Beth LF site.

Has anyone check out Grinding Acres composting operation or the WWTP's.

I will update you on our findings.

Thanks ... Sam

Samuel Donato
District Manager

IESI
A Progressive Waste Solutions Company

C: 610-554-5082

Mailing Address
2335 Applebutter Road
Bethlehem, PA 18015

www.iesi.com

-----Original Message-----

From: Fisher, Dean J [<mailto:dfisher@pa.gov>]
Sent: Thursday, July 24, 2014 1:23 PM
To: Sam Donato; Allen Schleyer
Cc: Govern, Walter; Faulch, Amy; Joe Klobusicky - Chrin Bros San Lndfl
Subject: FW: Sanitary Landfill Web Form

Sam... any thoughts?

Dean J. Fisher | Solid Waste District Supervisor Department of Environmental Protection Waste Management Program |
Operations Compliance Enforcement Bethlehem District Office - Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

-----Original Message-----

From: Joe Klobusicky [mailto:jklobusicky@chrin.org]
Sent: Thursday, July 24, 2014 1:15 PM
To: Fisher, Dean J
Cc: Faulch, Amy; Wagoner, Jessica
Subject: FW: Sanitary Landfill Web Form

Dean,
I received this complaint this morning. It was kind of unusual just because of the location. We have had no issues with our gas system other than routine maintenance. PPL and our Flares have been running consistently. I used the address in the email below to find a location. I have not heard back from Jennifer Woolley yet.
Attached is a location map.

Sincerely,

Joe Klobusicky
1225 Industrial Drive
Easton, PA 18042
Phone: 484-546-2583
Cell: 484-221-4626
Cell: 610-653-0829
jklobusicky@chrin.org

-----Original Message-----

From: Joe Klobusicky [mailto:jklobusicky@chrin.org]
Sent: Thursday, July 24, 2014 8:04 AM
To: 'jwoolley4@rcn.com'
Subject: RE: Sanitary Landfill Web Form

Hello Jennifer,
Thank you for reaching out to us. We have controls in place for our gas system and we do monitoring throughout the day for any odors / nuisances that may be associated with our operations. Can you let me know the location of your development?

Sincerely,

Joe Klobusicky
1225 Industrial Drive
Easton, PA 18042
Phone: 484-546-2583
Cell: 484-221-4626
jklobusicky@chrin.org

-----Original Message-----

From: jwoolley4@rcn.com [mailto:jwoolley4@rcn.com]
Sent: Thursday, July 24, 2014 8:26 AM
To: dchismar@chrin.org
Subject: Sanitary Landfill Web Form
Importance: High

Name: Jennifer Woolley
Street_Address: 2914 hodle ave
City: Easton

State: PA

Zip: 18045

Phone: 6107306037

email: jwoolley4@rcn.com

Message: Our development wakes up to the smell from the landfill...when I take my children to the bus stop on some days the odor is so strong at first I thought someone had a gas leak, but later realized the smell is coming from your landfill...we should not be able to smell it...the latest odor occurred on 7/22/2014...if someone could get back to me and let me know what is being done to prevent this in the future...I didn't move here to wake up in the mornings to the smell of a landfill...Thank you Jennifer Woolley

Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Tuesday, July 29, 2014 1:04 PM
To: Govern, Walter; Ripple, Sheena
Subject: FW: Bethlehem LF 7-14-14 Incident Report
Attachments: photo.jpg; photo.jpg; Bethlehem 7-14-14 Incident Report.pdf

Attached for your review. July 14, 2014 Incident report.

Sheena, Latona Co. is still fabricating the SW grate. I'll send a photo of the grate when installed.

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

www.iesi.com

From: Fisher, Dean J [<mailto:defisher@pa.gov>]
Sent: Wednesday, July 16, 2014 2:29 PM
To: Spaide, Jeffrey; French, Susan; Faulch, Amy
Cc: Allen Schleyer; Sam Donato
Subject: FW: Bethlehem LF 7-14-14 Incident Report

Jeff / Susan / Amy... See attached. FYI & FILE.

Thanks Al.

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Wednesday, July 16, 2014 2:25 PM
To: Fisher, Dean J; Jack Cahalan
Cc: Sam Donato
Subject: Bethlehem LF 7-14-14 Incident Report

Dean, Jack;

Attached for your reference is the IESI Bethlehem Landfill Incident Report for the storm water incident that occurred on July 14, 2014.

If you have any questions 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

www.iesi.com

Govern, Walter

From: Faulch, Amy
Sent: Wednesday, July 16, 2014 3:49 PM
To: Govern, Walter
Cc: Fisher, Dean J
Subject: FW: Bethlehem LF 7-14-14 Incident Report
Attachments: photo.jpg; photo.jpg; Bethlehem 7-14-14 Incident Report.pdf

Wally, I think this is supposed to go to you....

Amy E. Faulch | Solid Waste Specialist
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: Fisher, Dean J
Sent: Wednesday, July 16, 2014 2:29 PM
To: Spaide, Jeffrey; French, Susan; Faulch, Amy
Cc: Allen Schleyer - IESI; Sam Donato - IESI
Subject: FW: Bethlehem LF 7-14-14 Incident Report

Jeff / Susan / Amy... See attached. FYI & FILE.

Thanks Al.

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office - Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

From: Allen Schleyer [<mailto:aschleyer@iesi.com>]
Sent: Wednesday, July 16, 2014 2:25 PM
To: Fisher, Dean J; Jack Cahalan
Cc: Sam Donato
Subject: Bethlehem LF 7-14-14 Incident Report

Dean, Jack;

Attached for your reference is the IESI Bethlehem Landfill Incident Report for the storm water incident that occurred on July 14, 2014.

If you have any questions 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

www.iesi.com



PA Bethlehem Landfill
2335 Applebutter Road
Bethlehem, PA 18015-6004

INCIDENT REPORT

DATE: 07/14/2014

COMPANY: IESI Bethlehem Landfill

TIME: 18:00 p.m. – 20:30 pm

LOCATION OF INCIDENT: Landfill Entrance & Applebutter Road

DESCRIPTION OF INCIDENT: Storm event occurred in the late afternoon starting approximately at 17:30 to 18:45 with 1.3" of rainfall with a maximum rainfall intensity of >6 inches per hour. The storm event resulted in the Channel A to overflow. The overflow point was immediately above the landfill entrance by Pump Station 1 (PS-1). Storm water (SW), silt and debris washed down the access road clogging the SW inlet boxes and trough at the gate resulting in the remainder of the storm water overflow exiting through the gate and crossing Applebutter Road onto the Calpine property across the street. Upon observing the overflow, Sam Donato (landfill manager) began alerting IESI personnel to return to the landfill. In addition, contractors M. Walters and T. Walters were contacted to provide additional equipment and manpower. Applebutter Road was passable and being cleaned up by approximately 19:00. The overall cleanup was completed by 20:30. The next morning, July 15th the remainder of minor debris and silt was cleaned up.

Additional information: During the Applebutter Road cleanup, temporary emergency traffic control was implemented. I called the Northeast Regional PADEP emergency number in order to speak to a representative to report the incident at 19:26 and also left voicemail reporting the incident to Ms. Sheena Ripple, PADEP Bethlehem Office.

FOLLOW UP ACTION TAKEN: Clean out SW channel and affected areas. Clean out storm water control devices, inlet boxes, trough at gate and connected piping. Evaluate and redesign temporary interim storm water controls during capping construction and landfill disposal.

COMMENTS: The site was inspected on Tuesday July 15, 2014 by Chris Taylor, HMI regarding this incident.

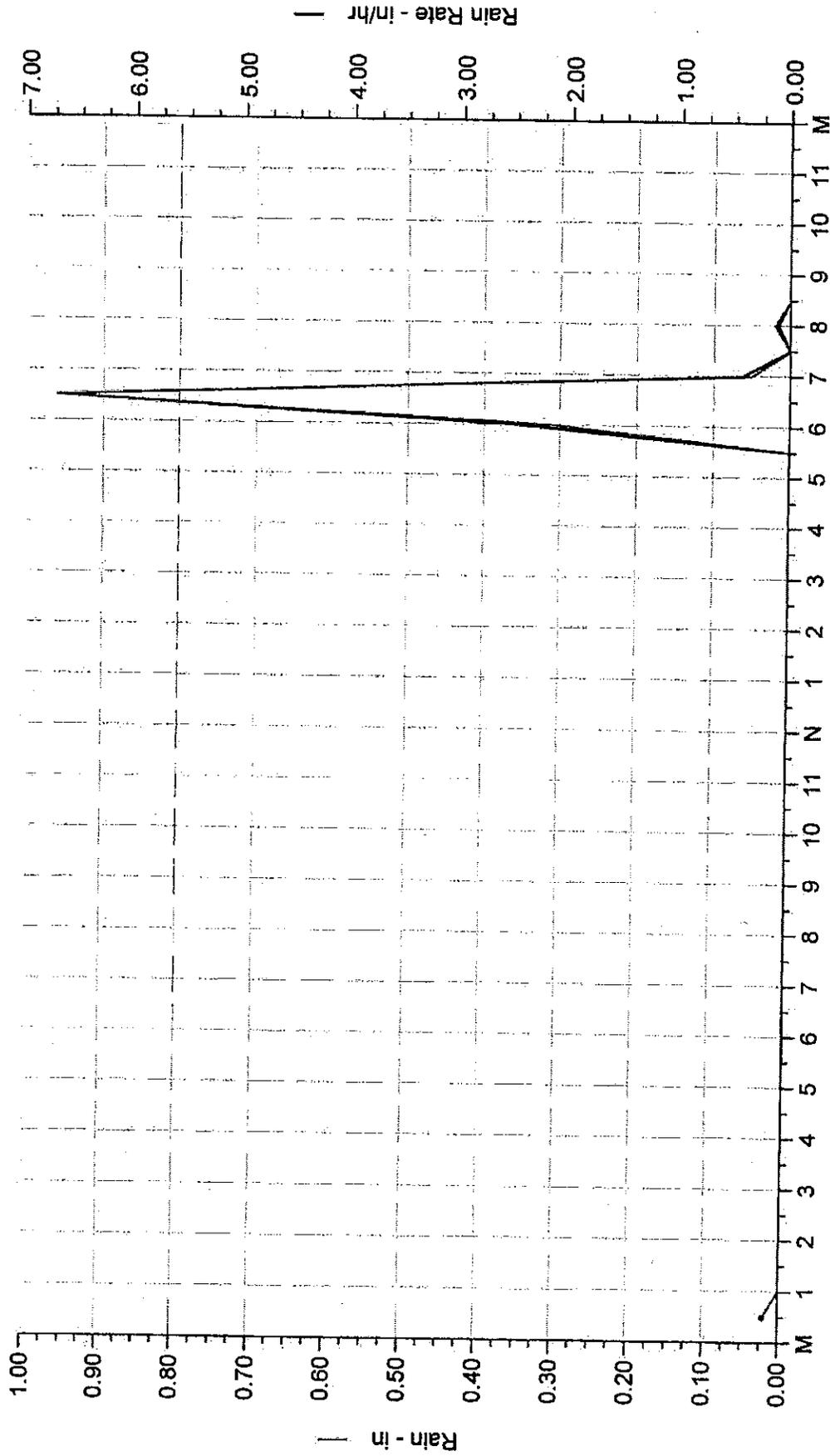
PERSON REPORTING: Allen Schleyer

TITLE: Compliance Manager

Signature: _____

Al Schleyer 7-15-14

Beth

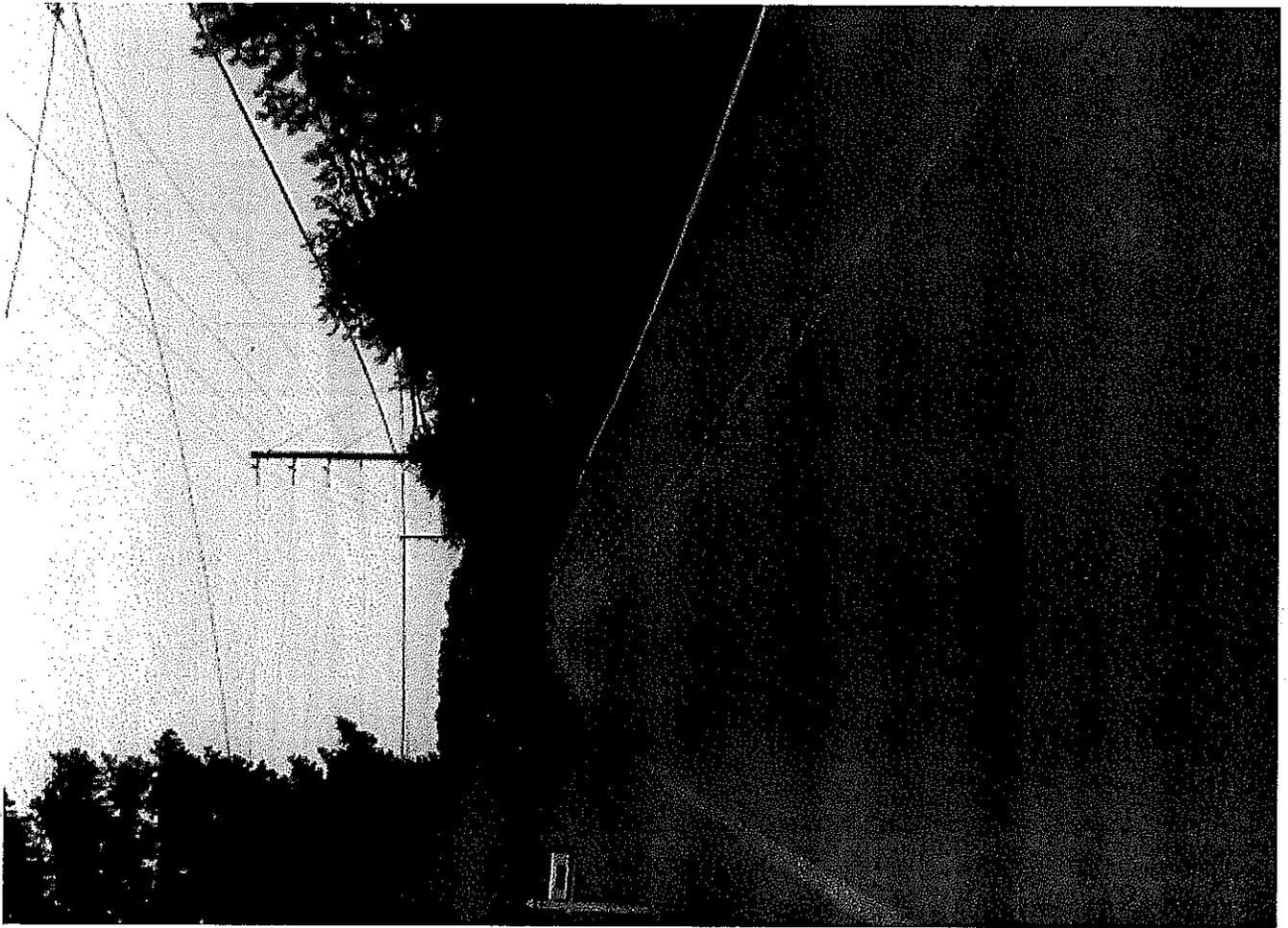


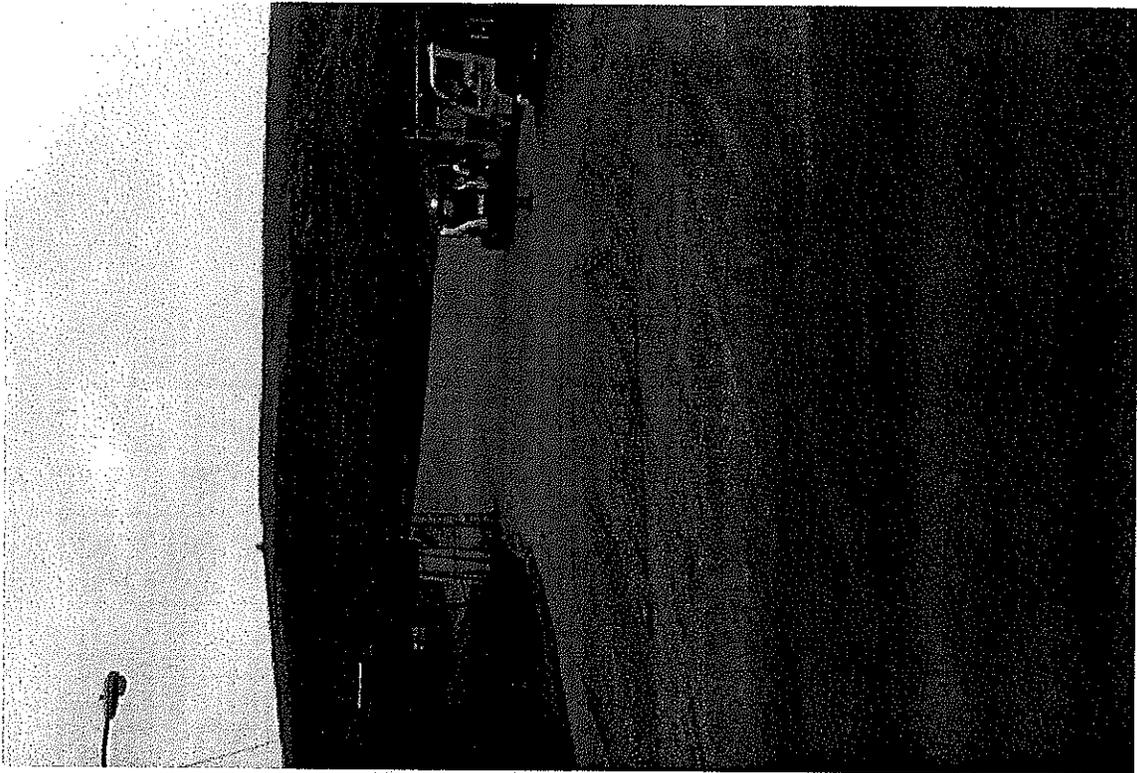
Mon Jul 14, 2014

■ Rain ■ Rain Rate

Beth 7/14/14

Date	Time	Temp	Hi	Low	Out	Hum	Dew	Wind	Wind	Wind	Dir	Hi	Hi	Wind	Heat	THW	Bar	Rain	Rain	Rate	Heat	Cool
		Out	Temp	Temp	Hum	Pt.	Speed	Dir	Run	Speed	Dir	Speed	Dir	Chill	Index	Index				D-D	D-D	D-D
7/14/14	12:30a	70.2	70.3	70.2	94	68.4	1.0	WSW	0.50	5.0	WNW	70.2	72.6	72.6	72.6	29.957	0.02	0.14	0.14	0.000	0.000	0.108
7/14/14	1:00a	70.6	70.6	70.3	94	68.8	1.0	W	0.50	5.0	WNW	70.6	73.1	73.1	73.1	29.962	0.00	0.00	0.00	0.000	0.000	0.117
7/14/14	1:30a	71.1	71.1	70.6	95	69.6	0.0	WNW	0.00	3.0	WNW	71.1	73.8	73.8	73.8	29.955	0.00	0.00	0.00	0.000	0.000	0.127
7/14/14	2:00a	71.1	71.2	71.0	95	69.6	0.0	NNE	0.00	4.0	NE	71.1	73.8	73.8	73.8	29.955	0.00	0.00	0.00	0.000	0.000	0.127
7/14/14	2:30a	71.2	71.3	71.1	95	69.7	0.0	NNE	0.00	4.0	N	71.2	73.9	73.9	73.9	29.952	0.00	0.00	0.00	0.000	0.000	0.129
7/14/14	3:00a	71.2	71.3	71.2	95	69.7	1.0	NE	0.50	6.0	NE	71.2	73.9	73.9	73.9	29.949	0.00	0.00	0.00	0.000	0.000	0.129
7/14/14	3:30a	71.0	71.2	71.0	95	69.5	1.0	NNE	0.50	6.0	NNE	71.0	73.7	73.7	73.7	29.952	0.00	0.00	0.00	0.000	0.000	0.125
7/14/14	4:00a	70.8	71.0	70.7	94	69.0	1.0	NE	0.50	4.0	NE	70.8	73.4	73.4	73.4	29.941	0.00	0.00	0.00	0.000	0.000	0.121
7/14/14	4:30a	70.9	70.9	70.7	94	69.1	0.0	NE	0.00	4.0	NE	70.9	73.5	73.5	73.5	29.945	0.00	0.00	0.00	0.000	0.000	0.123
7/14/14	5:00a	70.9	71.1	70.9	94	69.1	0.0	NNW	0.00	3.0	NNE	70.9	73.5	73.5	73.5	29.945	0.00	0.00	0.00	0.000	0.000	0.123
7/14/14	5:30a	70.8	70.9	70.7	94	69.0	1.0	N	0.50	5.0	NE	70.8	73.4	73.4	73.4	29.955	0.00	0.00	0.00	0.000	0.000	0.123
7/14/14	6:00a	70.7	70.8	70.6	94	68.9	1.0	NNE	0.50	7.0	NE	70.7	73.2	73.2	73.2	29.950	0.00	0.00	0.00	0.000	0.000	0.119
7/14/14	6:30a	71.5	71.5	70.6	94	69.7	0.0	NNE	0.00	3.0	NNE	71.5	74.1	74.1	74.1	29.954	0.00	0.00	0.00	0.000	0.000	0.135
7/14/14	7:00a	71.6	71.6	71.3	93	69.5	0.0	NNE	0.00	2.0	NNE	71.6	74.1	74.1	74.1	29.951	0.00	0.00	0.00	0.000	0.000	0.137
7/14/14	7:30a	71.6	71.8	71.5	93	69.5	0.0	NNE	0.00	2.0	NNE	71.6	74.1	74.1	74.1	29.964	0.00	0.00	0.00	0.000	0.000	0.137
7/14/14	8:00a	71.8	71.8	71.6	93	69.7	0.0	NNW	0.00	4.0	W	71.8	74.3	74.3	74.3	29.968	0.00	0.00	0.00	0.000	0.000	0.142
7/14/14	8:30a	72.6	72.6	71.8	93	70.5	0.0	NW	0.00	1.0	NW	72.6	75.2	75.2	75.2	29.964	0.00	0.00	0.00	0.000	0.000	0.158
7/14/14	9:00a	73.4	73.4	72.6	89	70.0	0.0	NW	0.00	2.0	NW	73.4	75.8	75.8	75.8	29.964	0.00	0.00	0.00	0.000	0.000	0.175
7/14/14	9:30a	74.3	74.3	73.4	87	70.2	0.0	NW	0.00	1.0	NW	74.3	76.8	76.8	76.8	29.964	0.00	0.00	0.00	0.000	0.000	0.194
7/14/14	10:00a	75.4	75.4	74.3	85	70.6	0.0	NW	0.00	1.0	NW	74.3	78.5	78.5	78.5	29.958	0.00	0.00	0.00	0.000	0.000	0.217
7/14/14	10:30a	75.3	75.5	75.0	87	71.2	1.0	S	0.50	4.0	SE	75.3	78.5	78.5	78.5	29.954	0.00	0.00	0.00	0.000	0.000	0.215
7/14/14	11:00a	75.6	75.7	75.3	88	71.8	0.0	SSW	0.00	4.0	SE	75.6	78.9	78.9	78.9	29.955	0.00	0.00	0.00	0.000	0.000	0.221
7/14/14	11:30a	76.2	76.2	75.3	85	71.4	1.0	S	0.50	5.0	SSW	76.2	79.5	79.5	79.5	29.956	0.00	0.00	0.00	0.000	0.000	0.233
7/14/14	12:00p	77.5	77.5	76.2	83	71.9	1.0	WNW	0.50	5.0	WNW	77.5	81.1	81.1	81.1	29.952	0.00	0.00	0.00	0.000	0.000	0.260
7/14/14	12:30p	80.0	80.0	77.5	77	72.1	2.0	WSW	1.00	6.0	WSW	80.0	84.0	84.0	84.0	29.942	0.00	0.00	0.00	0.000	0.000	0.313
7/14/14	1:00p	79.6	80.4	79.6	77	71.8	2.0	SW	1.00	7.0	WNW	79.6	85.4	85.4	85.4	29.938	0.00	0.00	0.00	0.000	0.000	0.304
7/14/14	1:30p	80.9	80.9	79.6	76	72.6	3.0	WNW	1.50	8.0	W	80.9	86.1	86.1	86.1	29.932	0.00	0.00	0.00	0.000	0.000	0.331
7/14/14	2:00p	81.1	81.1	80.9	77	73.2	2.0	WSW	1.00	6.0	SSW	81.1	86.1	86.1	86.1	29.921	0.00	0.00	0.00	0.000	0.000	0.335
7/14/14	2:30p	81.5	81.7	81.1	73	72.0	5.0	WNW	2.50	10.0	WNW	81.5	86.0	86.0	86.0	29.907	0.00	0.00	0.00	0.000	0.000	0.344
7/14/14	3:00p	82.4	82.5	81.5	73	72.9	2.0	WNW	1.00	9.0	W	82.4	88.0	88.0	88.0	29.899	0.00	0.00	0.00	0.000	0.000	0.363
7/14/14	3:30p	84.5	84.5	82.4	69	73.2	1.0	WNW	0.50	7.0	WNW	84.5	91.6	91.6	91.6	29.889	0.00	0.00	0.00	0.000	0.000	0.406
7/14/14	4:00p	85.5	86.2	84.5	67	73.3	2.0	NE	1.00	7.0	ENE	85.5	93.0	93.0	93.0	29.879	0.00	0.00	0.00	0.000	0.000	0.427
7/14/14	4:30p	83.7	85.5	83.7	70	72.9	2.0	SW	1.00	6.0	W	83.7	90.1	90.1	90.1	29.859	0.00	0.00	0.00	0.000	0.000	0.390
7/14/14	5:00p	83.0	83.7	83.0	74	73.9	1.0	SSW	0.50	4.0	WNW	83.0	89.8	89.8	89.8	29.856	0.00	0.00	0.00	0.000	0.000	0.375
7/14/14	5:30p	81.4	83.0	81.1	78	73.9	4.0	SSW	1.00	6.0	E	81.4	87.0	87.0	87.0	29.856	0.00	0.00	0.00	0.000	0.000	0.342
7/14/14	6:00p	75.1	81.5	75.1	87	71.0	4.0	SE	2.00	13.0	ESE	75.1	78.3	78.3	78.3	29.884	0.31	2.49	0.000	0.000	0.000	0.210
7/14/14	6:30p	70.6	75.1	70.6	93	68.5	6.0	NE	3.00	19.0	NE	70.6	73.0	73.0	73.0	29.881	0.96	6.70	0.000	0.000	0.000	0.117
7/14/14	7:00p	70.8	70.8	70.4	95	69.3	3.0	SSW	1.50	10.0	WNW	70.8	73.5	73.5	73.5	29.867	0.05	0.44	0.000	0.000	0.000	0.121
7/14/14	7:30p	71.4	71.4	70.8	95	69.9	1.0	S	0.50	4.0	S	71.4	74.1	74.1	74.1	29.891	0.00	0.00	0.00	0.000	0.000	0.137
7/14/14	8:00p	71.6	71.6	71.3	95	70.1	1.0	SSW	0.50	4.0	SSW	71.6	74.4	74.4	74.4	29.857	0.02	0.11	0.000	0.000	0.000	0.144
7/14/14	8:30p	71.9	72.4	71.7	95	70.4	1.0	SSW	0.50	5.0	E	71.9	74.7	74.7	74.7	29.850	0.00	0.00	0.00	0.000	0.000	0.142
7/14/14	9:00p	71.8	71.9	71.7	95	70.3	1.0	SSE	0.50	3.0	SE	71.8	74.6	74.6	74.6	29.869	0.00	0.00	0.00	0.000	0.000	0.142
7/14/14	9:30p	71.8	71.9	71.7	95	70.3	1.0	S	0.50	3.0	SE	71.8	74.6	74.6	74.6	29.885	0.00	0.00	0.00	0.000	0.000	0.142
7/14/14	10:00p	71.5	71.8	71.4	95	70.0	5.0	SW	2.50	11.0	SW	71.5	74.3	74.3	74.3	29.889	0.00	0.00	0.00	0.000	0.000	0.135
7/14/14	10:30p	71.6	71.6	71.5	96	70.4	3.0	SW	1.50	8.0	WSW	71.6	74.5	74.5	74.5	29.896	0.00	0.00	0.00	0.000	0.000	0.137
7/14/14	11:00p	71.7	71.8	71.6	96	70.5	1.0	WSW	0.50	5.0	SSW	71.7	74.6	74.6	74.6	29.890	0.00	0.00	0.00	0.000	0.000	0.140
7/14/14	11:30p	71.6	71.7	71.6	96	70.4	0.0	WSW	0.00	3.0	W	71.6	74.5	74.5	74.5	29.882	0.00	0.00	0.00	0.000	0.000	0.137
7/15/14	12:00a	71.4	71.6	71.3	96	70.2	1.0	SW	0.50	4.0	WSW	71.4	74.3	74.3	74.3	29.876	0.00	0.00	0.00	0.000	0.000	0.133





Govern, Walter

From: Rich Adams <radams@williamstwp.org>
Sent: Thursday, July 31, 2014 10:49 AM
To: Fisher, Dean J; Vince Foglia; jklobusicky@chrin.org; Dana.Kaas@STServices.com; Jennifer Smethers
Cc: George Washburn; Raymond Abert; wehappnen@yahoo.com; blev@chrin.org; black.joe@rcn.com; dchismar@chrin.org; tjs95@aol.com; Faulch, Amy; Govern, Walter
Subject: RE: RE: Odor complaint 7/30/14

Dean, I never created a report because the person reporting it realized where it was coming from and informed me of it. While driving around the township I detected odors in our southwest area of our township far away from the chrin landfill where I traced odors to the landfill in lower saucon.

From: Fisher, Dean J [mailto:defisher@pa.gov]
Sent: Thursday, July 31, 2014 10:21 AM
To: Rich Adams; Vince Foglia; jklobusicky@chrin.org; Dana.Kaas@STServices.com; Jennifer Smethers
Cc: George Washburn; Raymond Abert; wehappnen@yahoo.com; blev@chrin.org; black.joe@rcn.com; dchismar@chrin.org; tjs95@aol.com; Faulch, Amy; Govern, Walter
Subject: RE: RE: Odor complaint 7/30/14

I would be interested in seeing those odor investigation reports. Thank you in advance.

Dean J. Fisher | Solid Waste District Supervisor
Department of Environmental Protection
Waste Management Program | Operations Compliance Enforcement
Bethlehem District Office – Carbon, Lehigh, Monroe & Northampton Counties
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2063 | Fax: 610.861.2072
www.dep.state.pa.us

From: Rich Adams [mailto:radams@williamstwp.org]
Sent: Thursday, July 31, 2014 10:11 AM
To: Vince Foglia; jklobusicky@chrin.org; Dana.Kaas@STServices.com; Jennifer Smethers
Cc: George Washburn; Raymond Abert; wehappnen@yahoo.com; blev@chrin.org; black.joe@rcn.com; dchismar@chrin.org; tjs95@aol.com; Fisher, Dean J; Faulch, Amy
Subject: RE: RE: Odor complaint 7/30/14

Vince, I have gotten odor complaints from residents near our township office and the odor has been traced to the landfill in lower saucon township.!!!

From: Vince Foglia [mailto:vfoglia@verizon.net]
Sent: Thursday, July 31, 2014 10:01 AM
To: jklobusicky@chrin.org; Dana.Kaas@STServices.com; Rich Adams; Jennifer Smethers
Cc: George Washburn; Raymond Abert; wehappnen@yahoo.com; blev@chrin.org; black.joe@rcn.com; dchismar@chrin.org; tjs95@aol.com; defisher@pa.gov; afaulch@pa.gov
Subject: Re: RE: Odor complaint 7/30/14

I hesitate to contribute to a discussion among expert noses (though mine is big, it may not work as well), but when I smell an odor that far from the landfill I look around to see if someone is getting a septic system pumped out.

Vince

On 07/31/14, Joe Klobusicky<klobusicky@chrin.org> wrote:

Understood. Yes, the inversion definitely has an impact on any potential odor issue. Thanks.

From: Kaas, Dana [<mailto:Dana.Kaas@STServices.com>]

Sent: Thursday, July 31, 2014 9:05 AM

To: Joe Klobusicky; 'Rich Adams'; 'Jennifer Smethers'

Cc: 'George Washburn'; 'Vincent Foglia'; 'Raymond Abert'; 'Joanne Goodman'; 'Brian Leverington'; 'Joe Black'; 'David Chismar'; tjs95@aol.com; defisher@pa.gov; 'Faulch, Amy'

Subject: RE: Odor complaint 7/30/14

Joe;

I am south of the landfill (not entirely sure if SW or SE but definitely south). Based upon my experience, it was not an odor from the WWTP. I believe the inversion had an impact on the wind direction from whatever the source. This is a very rare event and I only note it for reasons to aid in identification and not to register a complaint.

Regards,

Dana

Dana A. Kaas
Vice President Operating Services US
Severn Trent Services
580 Virginia Drive
Suite 300
Fort Washington, PA 19034
T: 1 215 283 3462
F: 1 215 646 6820
M: 1 215 806 2022
E: dana.kaas@STservices.com (Please note new email address)

From: Joe Klobusicky [<mailto:jklobusicky@chrin.org>]
Sent: Thursday, July 31, 2014 6:15 AM
To: Kaas, Dana; 'Rich Adams'; 'Jennifer Smethers'
Cc: 'George Washburn'; 'Vincent Foglia'; 'Raymond Abert'; 'Joanne Goodman'; 'Brian Leverington'; 'Joe Black'; 'David Chismar'; tjs95@aol.com; defisher@pa.gov; 'Faulch, Amy'
Subject: RE: Odor complaint 7/30/14

Hi Dana,

Our gas system has been operating properly and no offsite gas odor was noted outside Chrin landfill – winds were predominantly out of the West / Northwest for most of the day. I did get gas odor on route 78 approximately 5:15am yesterday at the base of the hill just past the 412 exit going east. Is your location West of the landfill? I did a mapquest for Murray Drive and it appears to be southwest of our landfill.

Joe k

From: Kaas, Dana [<mailto:Dana.Kaas@STServices.com>]
Sent: Wednesday, July 30, 2014 4:03 PM
To: Rich Adams; Jennifer Smethers
Cc: George Washburn; 'Vincent Foglia (vfoglia@verizon.net)'; Raymond Abert; Joanne Goodman (wehappnen@yahoo.com); 'Joe Klobusicky (jklobusicky@chrin.org)'; 'Brian Leverington (blev@chrin.org)'; 'Joe Black (black.joe@rcn.com)'; 'David Chismar (dchismar@chrin.org)'; tjs95@aol.com; 'Fisher, Dean J <defisher@pa.gov> (defisher@pa.gov)'; Faulch, Amy (afaulch@pa.gov)
Subject: RE: Odor complaint 7/30/14

Rich,

When I left for work this morning at 7:15 AM I got a shot of a reasonably strong gas odor. This odor was very similar to others I have occasionally experienced closer to the landfill. The weather pattern was foggy in spots so this may have forced odors that otherwise would rise to the ground. I also experienced basically the same thing yesterday morning.

I live on Murray Drive which is about 3 miles from the landfill.

Regards,

Dana

Dana A. Kaas
Vice President Operating Services US
Severn Trent Services
580 Virginia Drive
Suite 300
Fort Washington, PA 19034
T: 1 215 283 3462
F: 1 215 646 6820
M: 1 215 806 2022
E: dana.kaas@STservices.com (Please note new email address)

From: Rich Adams [<mailto:radams@williamstwp.org>]
Sent: Wednesday, July 30, 2014 3:54 PM
To: Jennifer Smethers
Cc: George Washburn; 'Vincent Foglia (yfoggia@verizon.net)'; Raymond Abert; Joanne Goodman (wehappnen@yahoo.com); 'Joe Klobusicky (jklobusicky@chrin.org)'; 'Brian Leverington (blev@chrin.org)'; 'Joe Black (black.joe@rcn.com)'; Kaas, Dana; 'David Chismar (dchismar@chrin.org)'; tjs95@aol.com; 'Fisher, Dean J <defisher@pa.gov> (defisher@pa.gov)'; Faulch, Amy (afaulch@pa.gov)
Subject: Odor complaint 7/30/14

Rich Adams

Zoning Officer/Building Code Official

655 Cider Press Road

Williams Township

Easton, PA 18042

610-258-0522 -Office

484-357-8178 -Cell

Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Friday, August 01, 2014 12:38 PM
To: Ripple, Sheena; Govern, Walter; French, Susan
Subject: FW: Beth basin 6 inlet
Attachments: 0731141645.jpg

See attached photo - SW inlet trash rack for basin #6.

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

www.iesi.com

-----Original Message-----

From: Kevin Bodner [<mailto:knbodner@yahoo.com>]
Sent: Friday, August 01, 2014 8:10 AM
To: Sam Donato; Allen Schleyer
Cc: Rick Bodner
Subject: Beth basin 6 inlet

All

Latona installed the trash rack on the inlet into Basin 6 yesterday.



Govern, Walter

From: Allen Schleyer <aschleyer@iesi.com>
Sent: Wednesday, August 06, 2014 1:24 PM
To: Govern, Walter
Subject: RE: Complaints to be addressed in the July Insp Report
Attachments: Odor complaint turbine data.xlsx

Wally

Attached is the completed odor complaint log/ BRE-IESI operations for your review.

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

www.iesi.com

From: Govern, Walter [<mailto:wgovern@pa.gov>]
Sent: Thursday, July 31, 2014 10:56 AM
To: Allen Schleyer
Subject: FW: Complaints to be addressed in the July Insp Report

Sorry Al,

But there's four more dates to add for gas data collection.

7/24/14 – 8:47 am
7/29/14 – 7:20 am

7/30/14 – 7:56 am

7/30/14 – 8:59 am

Thank you for your time, again.

Walter F. Govern III | Solid Waste Specialist
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2136 | Fax: 610.861.2072
www.dep.state.pa.us

From: Govern, Walter
Sent: Tuesday, July 29, 2014 7:50 AM
To: Allen Schleyer (aschleyer@iesi.com)
Subject: FW: Complaints to be addressed in the July Insp Report

Missed one,

Add,
7/24/14 – 8:04 am

And a time change for change 6/20/14 to 8:45 **AM**.

Thanks!

Walter F. Govern III | Solid Waste Specialist
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2136 | Fax: 610.861.2072
www.dep.state.pa.us

From: Govern, Walter
Sent: Monday, July 28, 2014 2:57 PM
To: Allen Schleyer (aschleyer@iesi.com)
Subject: Complaints to be addressed in the July Insp Report

Hey Al,
Here is the list of complaints date and times that will be followed up on during the next Inspection Report for IESI.

Can you please collect the gsa consumption data as we have done in the past.

Much appreciated.

Dates are as follows:
6/6/14 – 7:16 pm
6/8/14 – 7:01 am
6/9/14 - 4:08 pm
6/9/14 – 5:52 pm
6/11/14 – 6:56 am

6/11/14 – 10:34 am
6/11/14 – 4:38 pm
6/11/14 – 7:52 pm
6/11/14 – 10:06 pm
6/12/14 – 4:50 pm
6/13/14 – 5:39 pm
6/15/14 – 10:28 pm
6/18/14 – 7:48 am
6/20/14 – 8:45 pm
6/22/14 – 9:41 am
6/26/14 – 6:58 am
6/27/14 – 8:19 am
6/28/14 – 8:00 pm
7/3/14 – 8:20 am
7/3/14 – 8:50 am
7/14/14 – 6:29 pm
7/14/14 – 6:30 pm
7/18/14 – 8:30 am
7/18/14 – 6:39 pm
7/20/14 – 3:53 pm
7/20/14 – 4:06 pm
7/20/14 – 5:56 pm
7/20/14 – 6:01 pm
7/21/14 – 9:24 am
7/21/14 – 2:26 pm
7/25/14 – 5:10 pm

Thank you in advance for your time on this matter!
Again, it's greatly appreciated!

Walter F. Govern III | Solid Waste Specialist
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017-9074
Phone: 610.861.2136 | Fax: 610.861.2072
www.dep.state.pa.us

Odor complaint turbine data

IESI Flare

Date	Time	Flow (scfm)	Vacuum ("H2O)	Flow scfm
6/6/2014	7:16 PM	2126	-77.2	1100
6/8/2014	7:01 AM	2128	-77.2	1040
6/9/2014	4:08 PM	2174	-82.3	850
6/9/2014	5:52 PM	2135	-82.3	800
6/11/2014	6:56 AM	2136	-82.5	760
6/11/2014	10:34 AM	2145	-82.5	625
6/11/2014	4:38 PM	2235	-82.6	740
6/11/2014	7:52 PM	2206	-82.6	740
6/11/2014	10:06 PM	2209	-82.6	700
6/12/2014	4:50 PM	2090	-78.8	840
6/13/2014	5:39 PM	1995	-76.4	1100
6/15/2014	10:28 PM	2085	-75.7	840
6/18/2014	7:48 AM	1965	-75.7	1050
6/20/2014	8:45 AM	2113	-84.9	950
6/22/2014	9:41 AM	2183	-80.2	980
6/26/2014	6:58 AM	2133	-79	1070
6/27/2014	8:19 AM	2254	-84.2	970
6/28/2014	8:00 PM	2156	-79.2	1040
7/3/2014	8:20 AM	2150	-79.2	1000
7/3/2014	8:50 AM	2125	-79.2	1010
7/14/2014	6:29 PM	2025	-78.2	1305
7/14/2014	6:30 PM	2016	-78.2	1300
7/18/2014	8:30 AM	2226	-86.2	1140
7/18/2014	6:39 PM	2198	-86.2	1250
7/20/2014	3:53 PM	2168	-80.6	1210
7/20/2014	4:06 PM	2186	-80.6	1200
7/20/2014	5:56 PM	2183	-80.6	1200
7/20/2014	6:01 PM	2180	-80.6	1200
7/21/2014	9:24 AM	2204	-85.6	1160
7/21/2014	2:26 PM	2183	-85.6	1220
7/24/2014	8:04 AM	2084	-82.5	1155
7/24/2014	8:47 AM	2100	-82.5	1150
7/25/2014	5:10 PM	2068	-80.4	1370
7/29/2014	7:20 AM	2158	-85.2	1150
7/30/2014	7:56 AM	2203	-84.7	1130
7/30/2014	8:59 AM	2145	-84.7	1180

**The Following Odor Patrol Logs
Are General Odor Patrols
Not Associated with an IESI Inspection
(General Odor Patrols are Conducted as Time Permits)**

IESI PA BETHLEHEM LANDFILL
ODOR PATROL SURVEY

Investigator: Walter F. Govern III Date: 7/18/2014
Weather Conditions: Sunny, 75.7°F Wind out of N 3.1 mph

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
Shinersville Rd.	1100	N	N	—	eFACTS # 2295530
Saucan Ave.	1103	N	N	—	
Roberts Ave	1105	N	N	—	
Mixsal Ave	1106	N	N	—	
Adams Ave	1107	SL	I	O	
Riverside Dr.	1113	SL	I	O	
Redingfor Rd	1117	N	N	—	
L. Saucan Rd.	1119	N	N	—	
Applebutler Rd.	1124	N	N	—	
CountrySide Ln	1127	SL	I	O	
Easton Rd.	1132	N	N	—	
L. Saucan Rd	1132	N	N	—	
Kings Mill Rd	1135	N	N	—	
Mt w/Complainant on Kings Mill Rd.	1143	N	N	—	
Kings Mill Rd.	1145	N	N	—	
Easton Rd.	1149	N	N	—	
Easton Rd.	1151	N	N	—	
Ringhoffer Rd.	1154	N	N	—	

Auto Body Shop Odors @ Int. Adams Ave + Riverside Dr.
Field Observation - No Wind - Railroad Odors

Grass Cutting Odors

IESI PA BETHLEHEM LANDFILL
 (www.westernlandfill.com)
 ODOR PATROL SURVEY
 Wastewater Station

Investigator: Walter F. Govers, III Date: 7/22/14
 Weather Conditions: Sunny, 77°F Wind out of the South 1.1 mph

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
Shinersville Rd.	0928	SL	P	S	@ Int of Main St from Farmersburg + Shinersville Rd.
Saucan Ave	0933	N	N	-	
Roberts Ave.	0934	N	N	-	Garbage Collection in Steel City.
Mixell Ave.	0936	N	N	-	
Ackens Ave	0937	N	N	-	
Riverside Dr.	0938	N	N	-	
Hillelimb 2478 Riverside Dr.	0939	N	N	-	Flag near hill limb is dead showing no wind as per observation
Riverside Dr.	0943	SL	I	O	Railroad Bed Odors - Also Slight Int. Scrap Yard Odors
Reedington Rd	0946	N	-	-	
C. Saucan Rd.	0949	N	-	-	
Applebutter Rd.	0952	N	-	-	
Ringboffer Rd.	0955	N	N	-	
Easton Rd. (West)	0957	SL	P	O	Grass Cutting Odors
Easton Rd. (East)	1005	N	N	-	(Waiting on tractor driver to make turn from Ringboffer onto Easton Rd.)
C. Saucan Rd	1006	N	N	-	
Kings Mill Rd. (West)	1009	N	N	-	
Kings Mill Rd. (East)	1010	N	N	-	
C. Saucan Rd.	1011	N	N	-	

