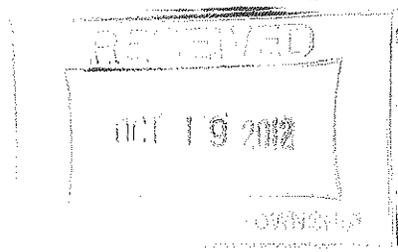




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BETHLEHEM DISTRICT OFFICE



October 18, 2012

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,

Walter F. Govern III
Solid Waste Specialist
Waste Management Program

Enclosure

- S
- ROUTING**
- Council
 - Manager *orig*
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other
- Website*



INSPECTION REPORT – MUNICIPAL WASTE LANDFILL

Site I.D. 100020
 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 AL SCHLEYER
 Inspector WALTER F. GOVERN
 eFACTS ID # PF 268729 SF 266826

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

Comment: Routine Partial Inspection - One (1) Violation Noted.

Inspection Date: 08/30/2012 Type: RTPT Results: VIOLS (1) Resolved: / /
 Permit Expiration Date: 4/18/13 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 _____).	<input type="checkbox"/>	271.371	1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operation in accordance with approved plans and permit.	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	273.213(a)-(l)	12
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approved means of measuring and inspected waste utilized.	<input checked="" type="checkbox"/>	273.214(a), (b)	13
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate equipment on-site and stand-by equipment available.	<input type="checkbox"/>	273.215(a), (b)	14
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vehicles directed promptly to unloading area and promptly unloaded.	<input type="checkbox"/>	273.216(a), (b)	15
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solid waste spread and compacted as approved by Department as part of permit.	<input type="checkbox"/>	273.216(c)	16
<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 8/30/12

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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

STATUS				GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
1	2	3	4				
DAILY OPERATIONS (Cont'd)							
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator does not cause or allow attraction, harborage, or breeding of vector.	<input type="checkbox"/>	273.218(a)	19
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator implements nuisance minimization and control plan.	<input checked="" type="checkbox"/>	273.218(b)(1)	20
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator performs regular, frequent, and comprehensive site inspections to reduce potential for offsite odors.	<input type="checkbox"/>	273.218(b)(2)	21
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator promptly addresses and correct problems and deficiencies discovered during inspections.	<input type="checkbox"/>	273.218(b)(3)	22
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator implements nuisance minimization and control plan to minimize and control other conditions harmful to the environment or public health, or which create safety hazards, odors, dirt, noise, unsightliness and other public nuisances.	<input checked="" type="checkbox"/>	273.218(c)	23
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Uniform cover of the approved daily cover material is placed on exposed solid waste at the end of each working day or at the end of every 24 hours, whichever interval is less.	<input type="checkbox"/>	273.232(a)	32
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If intermediate cover requires revegetation, it is established within 30 days.	<input type="checkbox"/>	273.233(e)	33
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slopes constructed during daily landfilling and intermediate cover activities may not exceed 50 percent.	<input type="checkbox"/>	273.233(f)	34
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator does not cause or allow waste pollution within or outside the site from operation of the facility.	<input type="checkbox"/>	273.241(a)-(c)	35
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator has restored or replaced adversely affected water supply with an alternative source of like quantity and quality.	<input type="checkbox"/>	273.245(a)	36
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temporary water supply is provided within 48 hours.	<input type="checkbox"/>	273.245(b)	37
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permanent water supply is provided within 90 days.	<input type="checkbox"/>	273.245(c)	38
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No waste 15 feet of inside top of the lined perimeter berm.	<input type="checkbox"/>	273.252(e)	39

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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

STATUS				GENERAL REQUIREMENTS	COMMENTS ATTACHED	CHAPTER CITATION	LINE ITEM
1	2	3	4				
DAILY OPERATIONS (Continued)							
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lined perimeter berm 4 ft. high constructed and maintained along edge of the lined disposal area.	<input type="checkbox"/>	273.252(f)	40
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Edge of liner clearly marked.	<input type="checkbox"/>	273.252(g)	41
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternate leachate recirculation method may be used if approved if one of the liner systems is a composite liner.	<input type="checkbox"/>	273.274(b)	42
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Underground pipes used to transport leachate to leachate storage impoundments or tanks equipped with secondary containment or comply with 245.445.	<input type="checkbox"/>	273.275(g)	43
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator isolates coal seams, coal outcrops and coal refuse from waste deposits to prevent combustion of waste and damage to liner.	<input type="checkbox"/>	273.291(a)	44
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mine openings within site sealed as approved by Department.	<input type="checkbox"/>	273.291(b)	45
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator implements plan for controlling potential damage from subsidence submitted and approved under 273.120.	<input type="checkbox"/>	273.291(c)	46
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Landfill designed, constructed, maintained and operated to prevent and minimize potential for fire, explosion, or release of solid waste constituents into air, water, or soil of the Commonwealth.	<input type="checkbox"/>	273.301	47
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency equipment tested and maintained.	<input type="checkbox"/>	273.302(c)	49
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Adequate space maintained to allow unobstructed movement of emergency personnel and equipment.	<input type="checkbox"/>	273.302(d)	50
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Litter controlled/collected and barriers/fences in place.	<input type="checkbox"/>	273.220(a)-(c)	51
COVER/SLOPES/REVEGETATION							
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Daily/intermediate cover meets performance and design requirements.	<input type="checkbox"/>	273.232(b), 273.233(b), (c)	52
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimum 5 day supply of daily and intermediate cover maintained on-site.	<input type="checkbox"/>	273.232(c) & 273.233(d)	53
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intermediate cover applied within time limits.	<input type="checkbox"/>	273.233(a)	54
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intermediate slopes do not exceed 50%.	<input type="checkbox"/>	273.232(d)	55
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cap placed over entire surface of final lift meets performance standards.	<input type="checkbox"/>	273.234(a)(1)	56
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Final cover meets performance and design requirements; applied within time limits.	<input type="checkbox"/>	273.234(b)-(e)	57
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Final slopes stable and erosion controlled.	<input type="checkbox"/>	273.234(f)	58
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Final slopes graded 3-15% or terraced to 33% as approved.	<input type="checkbox"/>	273.234(g)	59
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minimum revegetation and successful revegetation requirements adhered to.	<input type="checkbox"/>	273.235(a)-(e) & 273.236(a), (b)	60
WATER QUALITY PROTECTION							
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Surface and groundwater treatment facilities properly operated and maintained.	<input checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Leachate detection zone monitored weekly.	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Operational records maintained, available and submitted as required.	<input type="checkbox"/>	273.288 & 273.311-273.313	86
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Daily Operational Records kept in accordance with regulations for the life of the facility bond or longer if necessary.	<input type="checkbox"/>	273.311(d)	87

INSPECTION REPORT – MUNICIPAL WASTE LANDFILL (Cont'd)

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

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



INSPECTION REPORT COMMENTS

Date of Inspection 08/30/2012 Identification Number 100020

Company/Facility/Site Name IESI PA BETHLEHEM LANDFILL

Comments:

On August 30th, 2012, a routine-partial inspection was conducted at IESI PA Bethlehem Landfill (IESI). Representing the PA Department of Environmental Protection (Department) was Solid Waste Specialist Walter F. Govern III (this inspector) and Solid Waste Supervisor Dean J. Fisher. Representing IESI PA Bethlehem Landfill (IESI) during this inspection was Al Schleyer, Compliance Manager.

The purpose of this routine-partial inspection was to evaluate concerns that have been raised to the Department concerning operational, reporting and other requirements of IESI. As this is a partial inspection multiple line items are marked as "not determined" as they were not evaluated. A routine-complete inspection will be conducted in the future.

1. Scale Calibration & Inspections

The Department is satisfied that the requirements for 25 Pa Code § 273.214 are met.

Mettler-Toledo conducts scale service every six months. The last service was conducted on 6/26/12. The scale passed. See attached Mettler-Toledo scale test report.

PA Dept of Agriculture Bureau of Weights & Measures inspected the scale on 1/19/2010 and again on 7/30/2012. The scale passed. See attached Scale Test Report for 7/30/12 and online record for the 1/19/10 inspection.

As inspections by the PA Dept of Agriculture Bureau of Weights & Measures could occur on up to a three year cycle, this Department accepts certifications provided by Mettler-Toledo for the calibration of the IESI scale.

2. Northern Access Road to Monitoring Wells & Perimeter

The northern access road does meet the Department's definition of an access road as per 25 Pa. Code § 273.213(f) as applicable to "monitoring points" and not as applicable to solid waste transportation vehicles. This access road was traveled by 4WD vehicle (which would be the expected vehicle for use on this access road) and there does not appear to be any violations of 25 Pa Code § 273.213.

This access road is passable for its intended use and no accelerated erosion requiring immediate maintenance was observed. The offsite sediment pollution potential appears to be minimized for normal/routine conditions.

IESI informed the Department that the initial approach of this access road adjacent to the Sedimentation Trap would be re-graded to address concerns about the grade. This inspector will view the re-graded road during the next inspection.

3. Perimeter Fence

Portions of the perimeter fence were compromised as a result of storm damage from felled trees. IESI took steps to secure the damaged fence with a suitable barrier as required pending permanent repairs. No violation of 25 Pa. Code § 273.212 was observed. This inspector will view the final repairs during the next inspection.

4. Silt Fence Condition at MSE Berm

The silt fence was observed and was functioning as designed. No signs of accelerated erosion/sedimentation were observed. Stormwater from this limited watershed ultimately discharges into a forested area. No violations of 25 Pa Code § 273.242 were observed.

IESI recently maintained sections of the silt fence as required. Some areas within a run of ~250' appeared to have reached the end of the maintenance life and should be replaced. IESI stated that the silt fence in this area was scheduled for replacement. This inspector will view the silt fence replacement during the next inspection.

5. August 4th Storm Event – Blocked 18” Culvert at Basin #4

IESI informed this inspector that during an 8/4 “flash” heavy storm event an 18” culvert leading to Basin #4 became blocked. This resulted in the channel overtopping and related accelerated erosion of the channel/area and related sedimentation. Sediment laden stormwater flowed across the entrance road to IESI and across Applebutter Road.

Upon notification by Lower Saucon Township, IESI responded to this incident to clean-up sediment and debris. As part of the response to this incident, and to prevent a reoccurrence, IESI removed the 18” culvert and replaced it with a 36” culvert. Stabilization of the area was not complete at the time of this inspection. This inspector will inspect stabilization of the work during the next inspection.

During this inspection, some minor sediment/stone was observed on the opposite side of Applebutter Road. Sediment appeared to dissipate within the vegetation along the road. No areas of accelerated erosion were observed. Sediment pollution to a waterway could not be confirmed this late after-the-fact, but the 8/4 event did present a threat of sediment pollution to a waterway.

Action Item: IESI should evaluate and maintain (or upgrade as necessary) erosion and sedimentation controls within the watershed serving Sediment Basin #4 and conduct related stabilization as necessary. This inspector will conduct further follow-up on this matter during the next inspection.

5(a). August 4th Storm Event - Reporting Requirement

The incident as described above would constitute a reportable incident under IESI's Stormwater NPDES Permit No. PAR502205. Reporting of noncompliance is required by Part B Condition c(1). Said Reporting was not received by the Department in a timely manner. Part B Condition c(1)&(2) is inserted below for reference:

<p>c. Noncompliance Reporting</p> <p>(1) Required Reporting. The permittee shall report noncompliance to DEP as follows:</p> <ul style="list-style-type: none">(a) 24-Hour Oral Reporting - the permittee shall give at least a 24-hour advanced notice to DEP of any planned changes to the permitted activity or facility that may result in noncompliance with permit requirements. The permittee shall also report noncompliance with any term or condition of this General Permit, and any statute, rule or regulation, to DEP within 24 hours of becoming aware of the noncompliance.(b) Follow-up Written Reporting - where the permittee orally reports the noncompliance information, a written report outlining the same information must be completed, kept on file and submitted to DEP upon request.(c) Noncompliance reporting pursuant to paragraphs (a) and (b) shall not excuse a person from IMMEDIATE notification to DEP of incidents causing or threatening pollution pursuant to Title 25 Pa. Code §91.33(a). <p>(2) Required Information. The reports and notifications required in Part A:3.c.(1) above shall contain the following information:</p> <ul style="list-style-type: none">(a) A description of the discharge and cause of noncompliance;(b) The period of noncompliance, including exact dates and times and/or the anticipated time when the discharge will return to compliance; and(c) Steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.
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Please be advised that failure to comply with the terms and conditions of a NPDES permit is a violation of the permit conditions of said permit and the Clean Streams Law of Pennsylvania, Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. Section 691.1 et seq. (“The Clean Streams Law”)



Print in ink or type

VEHICLE SCALE TEST REPORT

Customer: I.E.S.I. Bethlehem Landfill		Service Ticket No:	
Address: Applebutter Rd.		Customer Unit ID No	
City: Bethlehem		State/Prov: Pa.	Zip/Postal Code:
Make of Scale Platform TOLEDO	Model No: 7562	Serial No:	Scale Capacity: 120,000
Make of Indicator TOLEDO	Model No: Jaguar	Serial No: 5306681	Graduation Size: 20
		CLC:	Pounds <input checked="" type="checkbox"/> Kilograms <input type="checkbox"/>

SECTION TESTING (Test 1) A shift test in which the test load is applied over individual sections of the scale. This test is conducted to disclose the weighing performance of the individual sections, since scale loads weighted are not always distributed evenly over all main load supports.

1 st LOAD	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6	SECTION 7	SECTION 8
AS FOUND								
AS SEALED								
2 nd LOAD	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6	SECTION 7	SECTION 8
AS FOUND	2500	2500	2500	2500				
AS SEALED	2500	2500	2500	2500				

Scale House/Indicator (Reference to Platform)

LOAD TESTING (Test 2)

Normal basic performance test in which observations are made as increments of test load are successively added to the load receiving elements of the scale

TEST LOAD	AS FOUND SCALE INDICATION	Error	Allowable Tolerance	PASS/FAIL	AS LEFT SCALE INDICATION
0 Load 0	0	0	1	P	0
13000	13000	0	2	P	13000
MAX 25000	25000	0	3	P	25000
13000	13000	0	2	P	13000
0 Load 0	0	0	1	P	0

STRAIN-LOAD TEST (Test 3) The test of a scale beginning with the scale under load and applying known test weights to determine accuracy over a portion of the weighing range. The scale errors for a strain load test are the errors observed for the known test loads only.

	LEFT TO RIGHT			RIGHT TO LEFT		
	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6
Weight of empty truck	29,080					
Amount of test weights	25,000					
Indication, truck & weights	54,080					
Error on test weights only	0					

Weight Identification Numbers 132-1 THRU 132-20 AND TEST CART.	Weights & Measures Certificate Number 12032
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Calibration Date: 6-26-12	Next cal due: 12-12	Performed by: (With state registration number) STEVE VILMOR 00350
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METTLER TOLEDO

www.mt.com

CUSTOMER SERVICE ACKNOWLEDGEMENT

Service Request ID SV1204161468

Seq # 00

Truck # 20132

Incomplete Complete

Work Site Information Update Special Instructions see below

Customer Number: U12997 Contract # U05772 9

Customer Name: IESI BETHLEHEM LANDFILL

Address: 2335 APPLEBUTTER RD

City/ St/ Postal: BETHLEHEM, PA 18015

Contact Name: RAY DEWISPELAERE

Contact Phone: 585-202-9472 Email: _____

PO #: _____

C.O.D. Check #:

CC# (last 4 digits): _____

Card Holder Name: _____

Card Holder Phone #: _____

Mastercard Visa American Express

Service Charges: _____ Of _____ @ _____

Fuel Surcharge: _____

Shipping and Handling: _____

Other Charges: _____

Estimated Charges: _____

Service Type PM TSM Flat Rate Warranty Installation Parts Only Rental ED/Cert Meas CDN Wght Cal Other Vehicle Charge Standard Medium Heavy

Technician	Date	Travel To		Onsite Labor		Travel From		Time Zone
		Duration	OT	Time	OT	Duration	OT	
vrbel-1	10/26/12							

Ref	Part Number	Serial Number	Description	Warehouse	QTY	Unit Price	Extended Price	Store Stamp	Service Codes
									Cause
									Repair
									Comp Area

Service Description UJ1E S1 BETHLEHEM LANDFILL_SILVER_FLAT_RATE_2PA_HDIT Contract Amount: \$533.00

Problem Found: FM SERVICE FLAT RATE

Billing Address: IESI BETHLEHEM LANDFILL

P O BOX 398

SCOTLAND PA

17254

Customer acknowledges this service has been performed to meet customer requirements, and agrees that the service of this equipment, and any additional parts or components to be provided hereunder, is subject to the Standard Terms and Conditions at www.mt.com/legal

Dee Ransae
Printed Name

WRansae
Signature

6/26/12
Date

Email: _____

Industrial Service: 1-800-523-5123 Laboratory Service: 1-800-METTLER Retail Service: 1-800-523-5123

Inspection: Routine Reinspection Consumer Complaint Other

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
BUREAU OF RIDE AND MEASUREMENT STANDARDS
LARGE CAPACITY SCALE TEST REPORT

Date: 07-13-01
Phone: (610) 317-3200
County: NORTHAMPTON

Valid W/M License: YES NO

Business Name: J.F. ST PA BETHLEHEM LANDFILL Street: 2375 APPLE BUTTER RD. Post Office: BETHLEHEM Zip Code: 18016

Mailing address, if different from location: Street: _____ Post Office: _____ Zip Code: _____

Indicator Load Element: Toledo Model No.: JAGUAR Serial No.: 530181 Capacity: 120,000

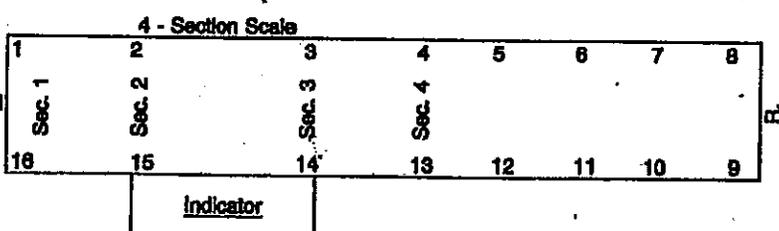
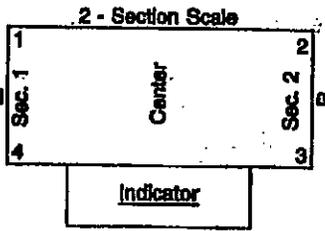
Kind: Vehicle Platform Other Number of Sections: 4 Size Platform: 10 x 20 Ft.

Primary Indicating Element: DT 2711 Minimum d/LB: 20 Tolerance: ACC Maint

TEST RESULTS

SR-Zero Load: _____ lbs. SR-Full Load: _____ lbs. Allowable SR: _____ lbs.

1	9000	9000	0	1	25000	25020	+20
2		9000	0	2		24980	-20
3		9000	0	3		25020	+20
4		9000	0	4		25020	+20
2		9000	0	2		25020	+20
3		9000	0	3		25020	+20
2		9000	0	2		25020	+20
1		9000	0	1		25000	0



Weight of Empty Truck	34900	
Test Weights Added	25000	25000
Indicator, Truck and Weights	59900	59900
Error on Test Weights Added	0	0

Action Taken: Approved Rejected
Remarks and/or Instructions: scale is in tolerance

Any person making repairs and/or calibrations to a commercial weighing or measuring device must be registered as a seller/installer/service or repairperson with the State Division of Weights and Measures pursuant to Act 1998-155. Failure to comply with the provisions set forth by Act 1998-155 may result in fines, criminal prosecutions, or civil penalties of up to \$10,000 per violation.

Inspector: [Signature] # 77 Receipt of Report Acknowledged: [Signature] Owner or Operator

Weights and Measures Inspection Search

Please note that inspection results for three years previous to the current date are currently available online through this application. Select a year in the *Dates Visited* box to view the inspection results at this business on that day. For help locating information on this database, contact the Bureau of Ride & Measurement Standards at 717-787-6772.

[\[back to inspection search results\]](#)

Business

IESI PA BETHLEHEM LANDFILL

2335 APPLEBUTTER RD
BETHLEHEM, PA 18016
NORTHAMPTON

Dates Visited

1/19/2010

Inspection on 1/19/2010

State Inspected

Device: Large Scale

Inspection Type: Routine

Number Inspected: 1

Number Failed: 0

[> ready](#) [> set](#) [> grow](#)

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