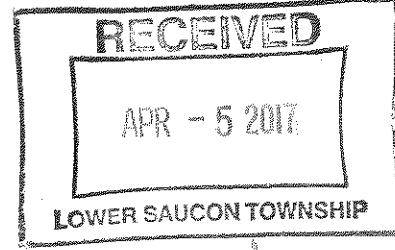




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BETHLEHEM DISTRICT OFFICE



April 3, 2017

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

Attention: Ms. Leslie Huhn

Re: IESI PA Bethlehem Landfill
TV 48-00027
Lower Saucon Township, Northampton County

Dear Ms. Huhn:

Please find enclosed a copy of the report of the 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 610-861-2070.

Sincerely,

Jessica Wagoner
Air Quality Specialist
Air Quality Program

Enclosure

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

4530 Bath Pike | Bethlehem, PA 18017

Date(s) of Inspection: 3/24/17	TV <input checked="" type="checkbox"/> SM <input type="checkbox"/> NM <input type="checkbox"/>	PA <input type="checkbox"/> GP <input type="checkbox"/> MEGA <input type="checkbox"/>	Permit #(s): 48-00027	Expiration Date: 4/12/18	Case #: —	PF ID #: 549728
Company Name: IESI PA Bethlehem			Municipality: Laversaucan Twp		County: Northampton	
Plant Name: Landfill			Physical Location: Same As Mailing		Federal ID — Plant Code #: 22-3575227-1	
Responsible Official: Donald Hallock				Mailing Address: 2335 Applebutter Rd. Bethlehem, PA 18015		
Title: District General Manager						
Phone #(s): 518-783-2827						

Mark (X) All Inspection Types That Apply To This Inspection:

<input type="checkbox"/> Full Compliance Evaluation (FCE)	<input type="checkbox"/> Plan Approval Inspection	<input type="checkbox"/> File Review (FR)
<input type="checkbox"/> Operating Permit Inspection (PI)	<input type="checkbox"/> Initial Permit Inspection (IPI)	<input type="checkbox"/> Complaint Inspection (CI)
<input checked="" type="checkbox"/> Routine/Partial (RTPT)	<input type="checkbox"/> Follow-Up Inspection (Ref. Date: _____)	<input type="checkbox"/> Sample Collection (SC)
<input type="checkbox"/> Minor Source(s) Inspection (RFD)	<input type="checkbox"/> Stack Test Observation	<input type="checkbox"/> Multi-Media Inspection (MM)
<input type="checkbox"/> Other:	<input type="checkbox"/> Announced	

Annual Compliance Certification Received: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received: 3/1/17
AIMS Report Received: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received: 2/28/17

Mark (X) All Activities That Apply:

<input type="checkbox"/> File Review	<input checked="" type="checkbox"/> Pre-Inspection Briefing	<input checked="" type="checkbox"/> Exit Interview/Briefing
<input checked="" type="checkbox"/> Pre-Inspection Observations	<input type="checkbox"/> Check For New/Unreported Sources	<input type="checkbox"/> Sample(s) Collected
<input type="checkbox"/> Visible Emissions Observations	<input type="checkbox"/> Verify Operation of CEMS	<input type="checkbox"/> Other

Comments/Recommendations: Enforcement since last FCE Yes No (If yes, attach summary)
 Today I conducted a routine partial inspection at IESI PA Bethlehem Landfill (IESI). Ms Amy Faulch, Solid Waste Supervisor was also present on behalf of the Department. Mr. Nick Rogers was present on behalf of IESI. Surface Methane Monitoring was conducted in an area of intermediate cover at the top western portion of the landfill. One reading > 500 ppm methane was detected at EW 4-54. The Department requests IESI perform a corrective action and provide follow up with the Department. No fugitive, visible, or malodorous emissions were detected. Air patrol logs were reviewed Jan-Mar 2017. No air quality violations noted.

Compliance Status: In Out Pending Awaiting Co. Report Needs a Follow-Up Inspection? Yes No

Company Representative: Nick Rogers	Title: Compliance Manager	Signature:	Date: 3-24-17
DEP Representative: Jessica Wagone	Title: AQS	Signature:	Date/Time: 3/24/17

This document is official notification that a representative of the Department of Environmental Protection, Air Quality Program, inspected the identified site. The findings of this inspection are shown above and on any attached pages, and may include violations uncovered during the inspection. Violations may also be discovered upon review of sample results or from any additional review of Department records. Notification will be forthcoming, if such violations are noted.

3

3

3

Investigator: J. Wagner / A. Faulich Date: 3/24/17
 Weather Conditions: Overcast, 41°F, wind 2WSW 55%RH

IESI PA BETHLEHEM LANDFILL
 ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	COMMENTS & OBSERVATIONS
Shinersville	936	SL	1	S	light sewage odor
Saucun Ave	937	N			
Roberts	939	N			
Snyder	939	N			
Madnews	939	N			
Mixsell	940	SL	1	D	very light wood burning odor
Adams	940	M	1	D	moderate wood burning odor.
Johnston	940	N			
Jofferson	941	N			
Riverside	941	N			
Fritz	942	N			
Johnston	942	N			
Snyder	944	N			
Schwab	944	N			
Riverside	945	N			
Bedington	950	N			
Lur. Saucun Rd.	953	N			
Applebutter	955	N			

3

3

3

Investigator: Swagner/A. Feulich Date: 3/24/17
Weather Conditions: Overcast, 41°F, wind 2WSW, 55% H.

IESI PA BETHLEHEM LANDFILL
ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	COMMENTS & OBSERVATIONS
Sherry Hill	956	N			
Ringkoffer	958	N			
Applebutter	1000	N			
Sichline	1003	N			
Applebutter	1008	N			
ENTER SITE	1013				

Surface Methane Monitoring
Calibration Form



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Site: IESI Bethlehem

Date: 3/24/17

Model: TVA-1000

Serial #: 660688

Weather: 36° F, partly cloudy

Wind: Variable 0.9mph

Zero Accepted (Y/N): yes

Span Accepted (Y/N): yes

Response Time (450 ppm)

T₁: 4.42 sec

T₂: 4.04 sec

T₃: 4.16 sec

Avg Response: 4.21 sec

Ok if response is <30 sec

Calibration Precision (500 ppm)

R₁: 491 ppm

R₂: 490 ppm

R₃: 491 ppm

$$\frac{|500-R_1| + |500-R_2| + |500-R_3|}{3(500)} \times 100 = \underline{1.87\%}$$

Ok if deviation is <10%

Calibrated by: JWagoner

Surface Methane Monitoring
Field Sheet



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Landfill	IESI	Inspection Date	3/24/17
Specialist	Jessica Wagoner	Date Instrument was last calibrated	3/24/17
Background Location (Upwind of Facility)	1.18 parking lot IESI	Background Value (FID Reading ppm)	1.18

Time	Location	FID Reading ppm	Comment
1040	EW 4-46	1.70	
1043	EW 4-21R	1.71	
1045	EW 4-36R	1.39	
1046	EW 4-42R	1.25	
1047	EW 4-56	1.81	
1049	EW 4-55	2.06	
1050	EW 4-34	75.10	
1052	EW 4-41	4.18	
1053	EW 4-32R	1.62	
1054	EW 4-6R	5.16	
1055	HW 4-24	1.88	
1055	LC-25	10.52	
1057	EW 4-39R	1.56	
1059	HW 4-9	1.58	

