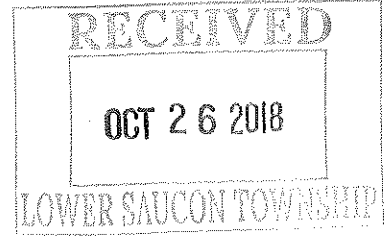




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BETHLEHEM DISTRICT OFFICE



October 23, 2018

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

S

ROUTING

- Council
- Manager *my* Enclosure
- Asst. Mgr.
- Zoning
- Finance
- Police
- P, Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other *webster*

4530 Bath Pike | Bethlehem, PA 18017

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dep 09-27-18 am

2700-FR-AQ0023 Rev. 1/2008 DEP		INSPECTION REPORT		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program	
Date(s) of Inspection: 10/18/18	TV <input checked="" type="checkbox"/> SM <input type="checkbox"/> MR <input type="checkbox"/>	FA <input type="checkbox"/> GP <input type="checkbox"/> MEGA <input type="checkbox"/>	Permit #(s): 48-00027	Expiration Date: Permit Shield	Case #: PF ID #: 549728
Company Name: IESI PA Bethlehem Landfill		Municipality: Lower Saucon Township		County: Northampton	
Plant Name:-		Physical Location: Same as mailing address		Federal ID - Plant Code #: 22-3575227-1	
Responsible Official: Donald Hallock			Mailing Address: 2335 Applebutter Road 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 (MMI)
<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: Dated 2/23/18		
AMS Report Received: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A			Date Received: 2/26/18		
Mark (X) All Activities That Apply:					
<input checked="" 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 GEMS	<input type="checkbox"/>	Other
<p>On 10/18/18 this inspector conducted a routine partial (RTPT) inspection at IESI PA Bethlehem Landfill ('IESI') to conduct surface emission monitoring (SEM). Mr. Chris Madden, AQS, was also present on behalf of the Department. Mr. Jayme Steigerwalt, Landfill Operations Supervisor, was present on behalf of the facility.</p> <p>The flare was operating at 3500 scfm and 1685°F and BRE was not operating at the time of the inspection. During the SEM several points that were monitored during the last RTPT on 9/27/18 were remonitored. HW 4-24 continues to exceed 500ppm methane. However, the well is currently going through repairs and remonitoring in response to the 9/27/18 RTPT. Other points could not be remonitored due to landfill activity occurring in those areas.</p> <p>The two seeps observed during the last RTPT have been repaired and the slopes have had material added and have been reworked.</p> <p>Two IESI employees are now certified visible emissions (VE) readers. This corrects the VE violation issued in April 2018.</p> <p>No visible, fugitive, or malodor emissions were detected at this time. This concludes this inspection; no air quality violations were noted.</p>					
Compliance Status: <input checked="" type="checkbox"/> In <input type="checkbox"/> Out <input type="checkbox"/> Pending <input type="checkbox"/> Awaiting Co. Report			Needs a Follow-Up Inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Company Representative: Donald Hallock		Title: General Manager	Signature: 	Date: 10/23/18	
DEP Representative: Jessica Wagoner		Title: AQS	Signature: 	Date/Time: 10/23/18	
<small>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.)</small>					
Page 1 of 1 eFacts Inspection ID#:					
Date: _____ Reviewed By: _____					

Investigator: J. Wagoner & C. Madden Date: 10/18/18 CASE: IESI
 Weather Conditions: 42.6°F, mostly cloudy, winds ENE 8mph, 61% humidity 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
Main St.	8:30	N			
Shimersville Rd.	8:31	N			
Saucon Ave.	8:31	SL	F	O	wood burning
Roberts Ave.	8:33	N			
Snyder Ave.	8:33	N			
Mixsell Ave.	8:34	N			
Adams Ave.	8:34	N			
Johnston Ave.	8:35	N			
Jefferson Ave.	8:35	N			
Riverside Dr.	8:36	N			
Fritz Ave.	8:36	N			
Johnston Ave.	8:37	SL	F	O	wood burning
Snyder Ave.	8:38	N			
Schwab Ave.	8:38	N			
Mathews Ave.	8:38	N			
Riverside Dr.	8:40	N			
Redington Rd.	8:45	N			
Lower Saucon Rd.	8:48	N			

CASE: IESI **ODOR PATROL SURVEY**

Investigator: J. Wagoner + C. Madden Date: 10/18/18

Weather Conditions: See page 1

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 Rd.	8:51	N			
Ringhoffer Rd.	8:53	N			
Applebutter Rd.	8:55	SL	I	LFG	
Skyline Dr.	8:58	N			
Applebutter Rd.	9:07	N			

Surface Methane Monitoring
Calibration Form



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Site: IES1

Date: 10/18/18

Model: TVA Foxboro 1000A

Serial #: 660688

Weather: _____

Wind: _____

Zero Accepted (Y/N): yes

Span Accepted (Y/N): yes

Response Time (450 ppm)

T₁: 3.57 sec

T₂: 3.80 sec

T₃: 3.83 sec

Avg Response: 3.73 sec

Ok if response is <30 sec

Calibration Precision (500 ppm)

R₁: 501 ppm

R₂: 502 ppm

R₃: 501 ppm

$$\frac{|500-R_1| + |500-R_2| + |500-R_3|}{3(500)} \times 100 = \underline{0.3} \%$$

Ok if deviation is <10%

Calibrated by: [Signature]

2.79 ppm

