



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BETHLEHEM DISTRICT OFFICE

SEP 4 2014

September 3, 2014

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

Attention: Mr. Jack Cahalan

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

Dear Mr. Cahalan:

Please find enclosed a copy of reports of two inspections performed by this District Office at the IESI PA Bethlehem Landfill, located in your municipality. A copy of the inspection reports are 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 610-861-2074.

Sincerely,

Tara Redding
Air Quality Specialist
Air Quality Program

ROUTINE

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

S
orig
Web

4530 Bath Pike | Bethlehem, PA 18017

Printed on Recycled Paper

610.861.2070 | Fax 610.861.2072

www.depweb.state.pa.us



INSPECTION REPORT

Commonwealth of Pennsylvania
Department of Environmental Protection
Air Quality Program

Date(s) of Inspection: 8/27/14	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:	Case #:	PF ID #: 549728
Company Name: IESI Bethlehem			Municipality: Lower Saucon Twp.		County: NORTHAMPTON	
Plant Name: Bethlehem Landfill			Physical Location: same as mailing		Federal ID - Plant Code #: 22-3575227-1	
Responsible Official: Mr. Sam Donato				Mailing Address: 2335 Applebutter Rd. Bethlehem, PA 18015-6004		
Title: Safety/Compliance Manager				Phone #(s): 610-317-3200		

SEP - 4 2014

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 type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received:
AIMS Report Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received:

Mark (X) All Activities That Apply:

<input type="checkbox"/> File Review	<input type="checkbox"/> Pre-Inspection Briefing	<input type="checkbox"/> Exit Interview/Briefing
<input 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)

I arrived at IESI Bethlehem (facility) Landfill at 10:30 Am on 8/27/14 to conduct a routine partial surface monitoring (RTPT) inspection of the facility, which operates the landfill under TV Permit # 48-00027. Ms. Jessica Wagoner (Air Quality) and Mr. Walter Gavern (Waste Program) also represented the Department. Mr. Rob Tyler of Martin and Martin, Inc. escorted Department Staff around the facility during the RTPT, and Mr. Allen Schleyer IESI Compliance Manager represented the facility (via a telephone conversation as he was not on-site during the RTPT).

I conducted surface monitoring from 11:15 AM - 3:30 PM of numerous gas wells and surrounding area mainly in Phase I and Phase II

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Company Representative: Sam Donato	Title: Dist Mgr	Signature: Sam Donato	Date: 8-29-14
DEP Representative: Tara Redding	Title: Air Quality Specialist	Signature: Tara Redding	Date/Time: 8/29/14 12:47

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.

INSPECTION REPORT

Continued

of the facility. Using the FID, the following wells and associated landfill operations were measured as having a methane concentration above 500ppm:

- CO-07
 - EW 4-34
 - HW 4-25
 - HW 4-8
 - LC-20
 - HW 4-28
 - LC-18
 - HW 4-7/HW 4-10
 - EW 4-07
 - HW 4-11
 - EW-10-11 label on site / EW 4-15 on map
 - PS-02
 - EW 4-30
 - EW 4-18
 - HW 4-17/LC-17
- Total of 26 recordings > 500ppm

(TR)

There were other areas measured > 500ppm CH₄ not in the list above. Refer to the "Surface Methane Monitoring Field Sheet" attached for a full list of the reading > 500ppm CH₄. The Department requests the facility take appropriate actions to follow up with these CH₄ deviations attached within the acceptable time frame as specified in the TV 48-00027 Permit and applicable regulations.

Fugitive and visible emissions were not observed during this RIPT. Odors of the intensity or duration to be considered malodor were not detected. Fugitive emissions beyond the facility property were not detected. This concludes this RIPT, during which air quality type violations associated with this RIPT surface monitoring are not noted.

(TR)

Company -- plant name:

IESI Bethlehem

Initials of representative interviewed:

S.D.

Date:

8-29-14

Page 2 of 2

Reviewed By _____

 White - Site Yellow - District Office Pink - Regional Office



INSPECTION REPORT

Commonwealth of Pennsylvania
Department of Environmental Protection
Air Quality Program

Date(s) of Inspection: 8/8/2014		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 Land Corp.				Municipality: Lower Saucon Twp.		County: NORTHAMPTON	
Plant Name: Bethlehem				Physical Location: Same as mailing		Federal ID - Plant Code #: 22-3575227-1	
Responsible Official: Mr. Sam Donato				Mailing Address: 2335 Applebutter Rd.			
Title: Safety/Compliance Manager				Bethlehem, PA 18015-6004			
Phone #(s): 610-317-3200							

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

SEP 4 2014

<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 checked="" type="checkbox"/> Complaint Inspection (CI)
<input 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 type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received:
AIMS Report Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Date Received:

Mark (X) All Activities That Apply:

<input type="checkbox"/> File Review	<input type="checkbox"/> Pre-Inspection Briefing	<input type="checkbox"/> Exit Interview/Briefing
<input 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)

I arrived @ IESI Bethlehem Landfill (facility/IESI) at 12:40pm to complete a complaint investigation of odors on the morning of 8/8/14 (today). The landfill operates under TV 48-00027 air permit. Today Mr. Allen Schleyer and Mr. Sam Donato represented the company. Before entering the facility, I completed an odor patrol in the area detecting slight to moderate landfill gas-like odors on Applebutter and Ringhoffer Roads. The odors were not of the duration or intensity to be considered malodors. On facility property I traversed near the perimeter of the landfill with Mr. Schleyer. Misters were operating at the NW area near the working face. A slight working face odor was detected in a momentary gust of wind from the SE. The flare was operating at 1667°F instantaneously and 1663°F 1 hour rolling avg.

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: Allen Schleyer	Title: Comp. Manager	Signature: <i>Al Schleyer</i>	Date: 8-8-14
DEP Representative: Tara Redding	Title: Air Quality Specialist	Signature: <i>Tara Redding</i>	Date/Time: 8/8/14 1:45pm

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.

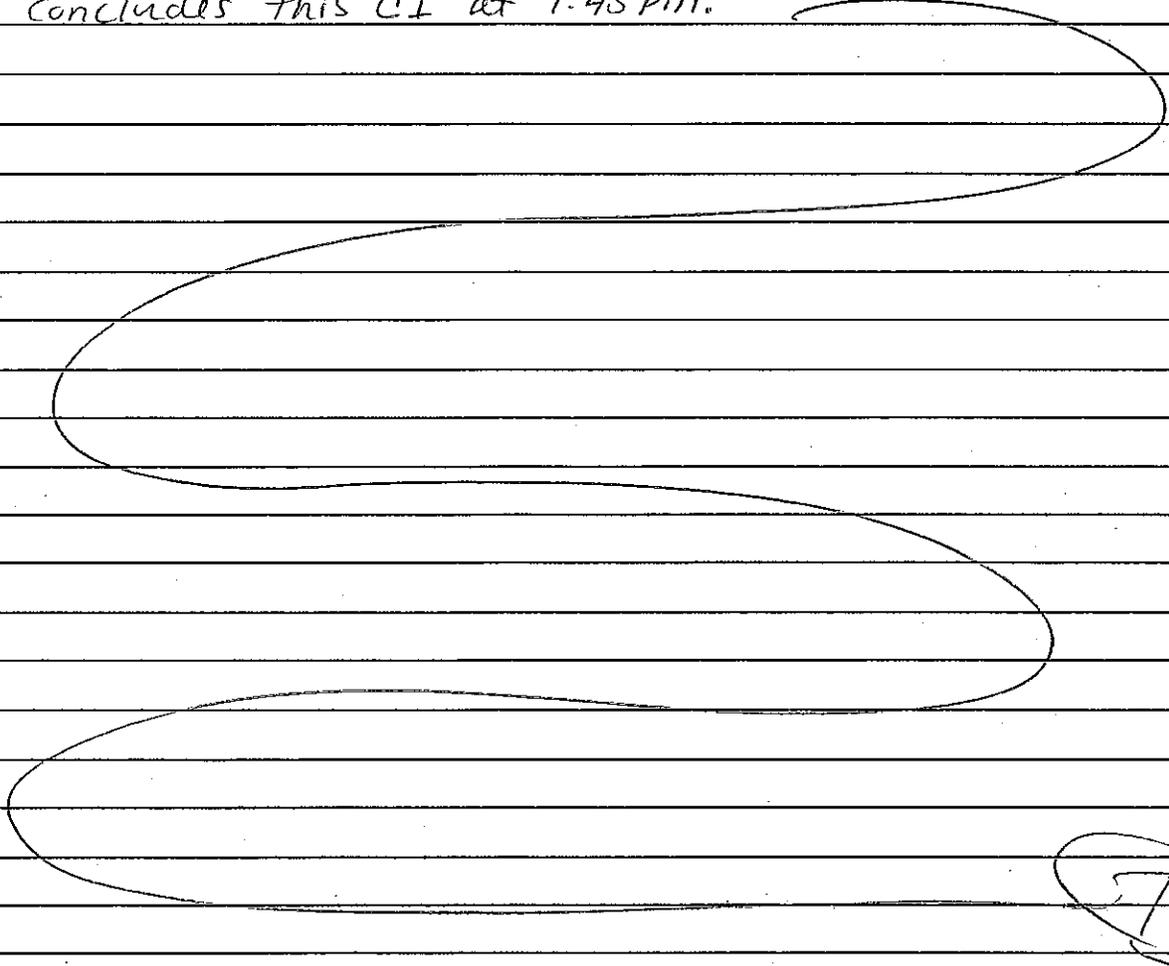
INSPECTION REPORT

Continued

I noted slight to moderate landfill type gas odor along the ~~SE~~^{SW} and S portion of the landfill near the area being capped. Wind direction at this time in this area (1:23pm) was ENE.

The landfill employee responsible for internal landfill odor patrols did not detect or note odors during the employee's morning odor patrol today around 7AM this morning.

I did not detect visible or fugitive emissions during this complaint investigation (CI). I did not detect odors of the duration or intensity to be considered a malodor emission during this CI. This concludes this CI at 1:45pm.



TR

Company -- plant name:
IESI Bethlehem

Initials of representative interviewed:

Date:

Page 2 of 2

Reviewed By Al Schleyer

White - Site

Yellow - District Office

Pink - Regional Office