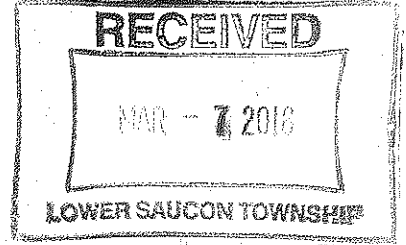




pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

BETHLEHEM DISTRICT OFFICE



March 3, 2016

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 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 610-861-2074.

Sincerely,

Tara Quinlivan
Air Quality Specialist
Air Quality Program

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

4530 Bath Pike | Bethlehem, PA 18017

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: 2/19/2016 | | TV <input checked="" type="checkbox"/> SM <input type="checkbox"/> NM <input type="checkbox"/> | PA <input checked="" type="checkbox"/> GP <input type="checkbox"/> MEGA <input type="checkbox"/> | Permit #(s): 48-00027 | Expiration Date: 4/12/2018 | Case #: _____ | PF ID #: 549728 |
| Company Name: IESI PA Bethlehem Landfill | | | | Municipality: Lower Saucon Twp. | | County: NORTHAMPTON | |
| Plant Name: _____ | | | | Physical Location: Same as mailing | | Federal ID - Plant Code #: 22-3575227-1 | |
| Responsible Official: Mr. Allen Schleyer | | | | Mailing Address: 2335 Applebutter Rd. | | | |
| Title: District Manager | | | | Bethlehem, PA 18015 | | | |
| Phone #(s): 610-317-3200 | | | | | | | |

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 checked="" 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: YES NO N/A Date Received: _____

AIMS Report Received: YES NO N/A Date Received: _____

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 CEMS | <input type="checkbox"/> Other |

Comments/Recommendations: Enforcement since last FCE Yes No (If yes, attach summary)

I arrived at IESI PA Bethlehem Landfill (facility) at 10:08 AM to conduct a routine partial inspection (RTPT). The facility operates under TV Air Permit # 48-00027. Ms. Amy Faulch, Solid Waste Specialist, was also present on behalf of the Department. Mr. Allen Schleyer represented the facility.

Prior to entering the landfill, an odor patrol was conducted, during which landfill gas and landfill working face like odors were not detected. On site a slight landfill gas-like odor was detected on the South slope near temporary deep repair activity. Odors were not detected near the working face along the northwest section of landfill (working face in Phase 4 E Stage 3 today). Wind was calm. The misters were not operating (down ^{for TD} during freezing ^{+ temperatures} conditions).

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

| | | | |
|---|--------------------------------------|----------------------------------|------------------------------------|
| Company Representative: Allen Schleyer | Title: MANAGER | Signature: <i>Allen Schleyer</i> | Date: 2/19/16 |
| DEP Representative: Tara Quintivan | Title: Air Quality Specialist | Signature: <i>Tara Quintivan</i> | Date/Time: 11:51 AM 2/19/16 |

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

Commonwealth of Pennsylvania
Department of Environmental Protection
Air Quality Program

The flare was operating today at 3137 scfm and 1656°F instantaneously (1661°F 3 hour rolling average). The flow chart was observed ^{w/ any data from TO during} the most recent event on the morning of 2/16/16 and ^{at least TO} the minimum temperature ^{required} appeared to be achieved throughout the event. I request the facility submit to me a copy of the chart once the recording for the specific chart is complete and transferred from the field near the flare to the office files. Temporary cap repairs were observed today.

- I request a copy of the flare flow chart that contains the data from 2/16/16. ← Received via email on 2/26/16 (copy enclosed) TQ 3/3/16

- I request the facility submit the 3 hour rolling average temperature flare data covering the time of the event and the 24 hour period before and after the event ← received via email on 3/1/16; periods (3 hr. from 6 AM - 8 PM, covering event are enclosed 12/3/16 (3 rolling average temps. in compliance))

- The Department requests the facility submit a report of the event/ incident from 2/16/16 within 15 days of receiving the Waste Program Inspection Report corresponding to the Waste Inspection today 2/16/16. The report should include how the event happened, how it was corrected, and measures taken to prevent similar events in the future.

COPY

No malodors were detected today, and this concludes this RTPT, during which no air quality type violations are noted.

Company -- plant name:

IESI

Initials of representative interviewed:

JS

Date:

2-19-16

TQ

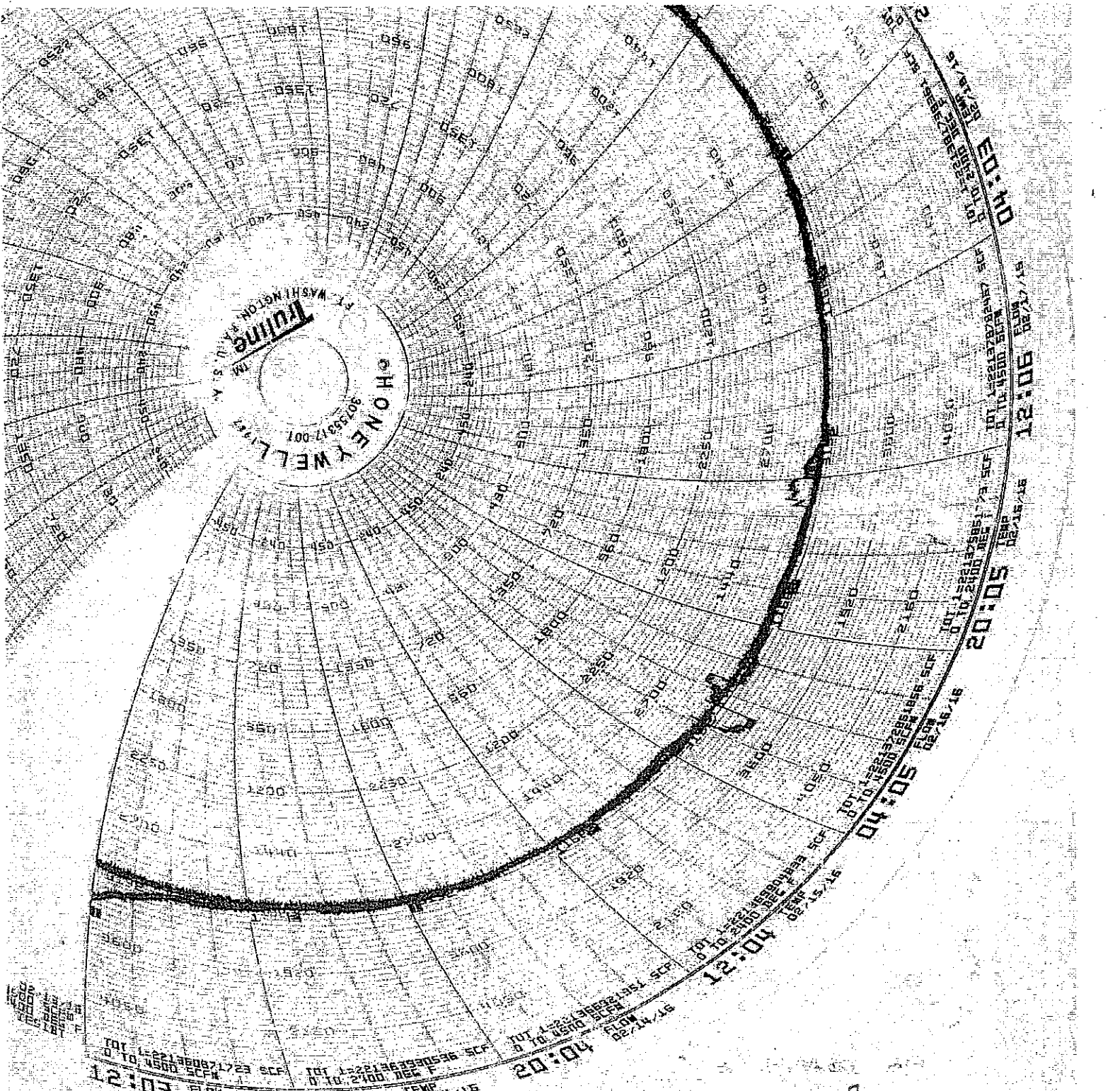
Page 2 of 2

Reviewed By _____

White -- Site

Yellow -- District Office

Pink -- Regional Office



FT WASHINGTON
 CH ONEY WELLS

CH ONEY WELLS
 30735017.001

12:03
 04:04
 20:04
 12:04
 04:05
 20:05
 12:05
 04:06
 20:06

COPY

| Date | 3 Hour Period Starting Time | Ch. Tag No. Unit | CH002 Temp | | Rolling 3 hr Average Temperature | | CH104 Flow Rate | | CH105 Total Flow | |
|------------|-----------------------------|------------------|------------|------|----------------------------------|------|-----------------|------|------------------|--------|
| | | | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| 2016/02/16 | 06:00:00 | 1648 | 1658 | 1648 | 1651 | 1661 | 3024 | 3141 | 411462 | 411465 |
| 2016/02/16 | 07:00:00 | 1656 | 1663 | 1652 | 1661 | 1661 | 3038 | 3185 | 411647 | 411650 |
| 2016/02/16 | 08:00:00 | 1635 | 1645 | 1652 | 1660 | 1660 | 3046 | 3201 | 411833 | 411836 |
| 2016/02/16 | 09:00:00 | 1651 | 1657 | 1653 | 1661 | 1661 | 3289 | 3417 | 412031 | 412034 |
| 2016/02/16 | 10:00:00 | 1656 | 1661 | 1652 | 1661 | 1661 | 3324 | 3458 | 412233 | 412236 |
| 2016/02/16 | 11:00:00 | 1651 | 1664 | 1653 | 1662 | 1662 | 2991 | 3107 | 412420 | 412423 |
| 2016/02/16 | 12:00:00 | 1646 | 1664 | 1653 | 1662 | 1662 | 2944 | 3070 | 412602 | 412605 |
| 2016/02/16 | 13:00:00 | 1645 | 1659 | 1652 | 1661 | 1661 | 2867 | 2999 | 412778 | 412781 |
| 2016/02/16 | 14:00:00 | 1651 | 1659 | 1652 | 1662 | 1662 | 3079 | 3209 | 412966 | 412969 |
| 2016/02/16 | 15:00:00 | 1641 | 1646 | 1650 | 1662 | 1662 | 3093 | 3217 | 413155 | 413158 |
| 2016/02/16 | 16:00:00 | 1647 | 1663 | 1651 | 1662 | 1662 | 3084 | 3240 | 413344 | 413347 |
| 2016/02/16 | 17:00:00 | 1656 | 1668 | 1651 | 1661 | 1661 | 3062 | 3183 | 413531 | 413534 |
| 2016/02/16 | 18:00:00 | 1658 | 1666 | 1651 | 1662 | 1662 | 3014 | 3160 | 413718 | 413721 |
| 2016/02/16 | 19:00:00 | 1655 | 1658 | 1651 | 1661 | 1661 | 3040 | 3159 | 413905 | 413908 |
| 2016/02/16 | 20:00:00 | 1655 | 1668 | 1652 | 1661 | 1661 | 3019 | 3167 | 414091 | 414094 |

COPY

CASE: IESI

ODOR PATROL SURVEY

Investigator: Amy Falch, Tara Quinn Date: 2/19/2016

Weather Conditions: Mostly Cloudy, 29°F, calm wind, 37% humidity

| SURVEY LOCATION | TIME | ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None | ODOR DURATION P = Persistent I = Intermittent N = None | DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe) | COMMENTS & OBSERVATIONS |
|--------------------|------|---|---|---|---|
| Ap Shimmersville | 9:13 | SL | P | S | Sewage near WWTP |
| Shimmersville | 9:15 | N | | | nearing Steel City portion of Shimmersville |
| Saucen + Roberts | 9:16 | N | | | |
| Saucen | 9:17 | SL | I | O | wood burning |
| Roberts + Snyder | 9:18 | N | | | |
| Mixsell + Matthew | 9:19 | N | | | |
| Adamst Mixsell | 9:19 | N | | | |
| Johnston | 9:20 | N | | | |
| Johnston + Matthew | 9:21 | N | | | |
| Snyder + Johnston | 9:21 | N | | | |
| Schwab + Snyder | 9:22 | N | | | |
| Matthews + Schwab | 9:23 | N | | | |
| Fritz + Schwab | 9:23 | N | | | |
| Adams + Schwab | 9:23 | N | | | |
| Riverside | 9:24 | N | | | |
| Jefferson Ave. | 9:24 | N | | | |
| Johnston | 9:25 | SL-M | P | O | Woodburning |
| Shimmersville | 9:28 | SL | P | | Sewage near WWTP |

COPY

Investigator: Amy Faulch / T. Quinlan Date: 2/19/2016 CASE: IEST ODOR PATROL SURVEY
 Weather Conditions: Mostly Cloudy 18-29°F calm wind 37% humidity

| SURVEY LOCATION | TIME | ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None | ODOR DURATION P = Persistent I = Intermittent N = None | DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe) | COMMENTS & OBSERVATIONS |
|--------------------------------------|-------|---|---|---|-------------------------|
| Skyline Dr. | 9:34 | N | | | |
| Applebutter Rd. | 9:38 | SL | P | S | near WWTP |
| Applebutter + Lower Redington Rd. | 9:44 | N | | | |
| Redington Rd. | 9:49 | N | | | |
| Lower Sacan Rd. | 9:52 | N | | | |
| Applebutter Rd. | 9:54 | N | | | |
| Sherry Hill Rd. | 9:57 | N | | | |
| Parking Lot of IEST | 10:00 | N | | | |
| — END — | | | | | |
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