

## IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, January 17, 2019  
Time: 1:00 p.m.  
Location: Lower Saucon Township Council Meeting Room  
Attendance: **Hanover Engineering:** Chris Taylor; **IESI:** David Pannucci, Lee Zimmerman, Bob McReynolds; **Exelon:** Ken Minton & Don Riffle; **Staff:** Leslie Huhn & Diane Palik; Liaison Priscilla deLeon (Speaker Phone); **Members:** Neil Ortwein & Hazem Hijazi.

Mr. Pannucci reviewed the monthly tonnages for December:

	<u>October</u>	<u>November</u>	<u>December</u>
MSW	29,319.52	29,821.85	25,046.21
C&D	1,304.84	3,074.18	1,727.78
Residual (Total)	1,145.45	2,068.11	3,022.87
Asbestos	0.00	0.00	145.01
Sewage Sludge	115.84	71.27	99.00
Out of State (Total)	16,302.01 (51%)	19,827.23 (60%)	16,232.76 (65%)
Recycle	11 (55%)	12 (83%)	12 (75%)
No. Trucks	2,880	2,846	2,469

Mr. Taylor asked where the asbestos was coming from. Mr. Pannucci said he believes it's Martin Towers. They are only taking two loads a day and they dig a hole in the cell and bury it in accordance with their operating procedures.

Mr. Pannucci said there was one Form U Submittal from Sterling Oaks Contractors for contaminated soil. The first quarter sampling event is scheduled for February 25<sup>th</sup> through the 27<sup>th</sup> by Earth Res Group. They have the 4Q18 groundwater report, which he will hand into the Township today.

Mr. Pannucci said they had one inspection by DEP on January 16, 2019; and two host municipal inspections on January 3 and January 17, 2019 by Chris Taylor. Mrs. deLeon asked if DEP mentioned the two odor complaints they had this year. Mr. Pannucci said yes, they discussed those. There was one in November and one in January. IESI followed up and didn't have any discovery of sources that were traveling offsite. They checked the gas flows and the flare and everything was normal operating conditions. There wasn't a lot of detail on the odor complaints.

Mr. Taylor said they went into the scale house today. There were zero overweight's out of ten from their transfer stations. He asked if changes were being made at the transfer station because of some being overweight. Mr. McReynolds said they spoke to them about it. Mr. Pannucci said there were 2,469 total trucks in December with 53 overweight, 41 warnings and 12 suspensions. Mr. Taylor said there was an NOV from DEP for a hauling company where they said the company wasn't licensed. Mr. McReynolds said they notified DEP about this. Mr. Pannucci said it was a dirt truck from a clean-up job as there's no scale at the project. The truck didn't have the proper paperwork, so they called DEP and DEP allowed IESI to take the load and DEP issued the NOV. If they were underweight, IESI would have just made them leave.

Mr. Pannucci said BRE has been running at full to half capacity, with intermittent shutdown, in conjunction with the flare as the main GCCS. Bethlehem Landfill and BRE continue to communicate along with SCS Field Services with any routine or non-routine maintenance to maximize LFG production and minimize odors between plant and flare. There was one shutdown for the flare on December 10<sup>th</sup> for 12 minutes for IESI's flare. Mr. Minton said they were on-line 510 hours, 68.8%. Total export from the plant was 1,244 megawatts. There were no Startup, Shutdown, or Malfunctions (SSM) for Bethlehem in December. Today they are running at full capacity.

Mr. Pannucci said the North Slope Road and swale have been repaired from the heavy rain. Sedimentation traps and ponds need to be cleaned out. The abatement system continues to operate and discharge to the Bethlehem WWTP. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. Mr. Taylor asked how many wells got replaced? Mr. Pannucci said it was one that got moved. Flow rates continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. Since the last meeting, LMC-6 issues have been addressed. A new pump was installed in the detection

IESI Bethlehem Landfill Committee Minutes  
January 17, 2019

zone. Troubleshooting for LMC-7 has been pushed to early February. Mr. Taylor said they put a new pump. Mr. Pannucci said they made sure everything was operating correctly. They did get sediment out of the sump.

Mr. Pannucci said there were four radioactive loads for December (I-131 and TC-99m(3)). The waste streams met level 1 requirement and were disposed of onsite. Phase IV Construction Activities, waste operations have moved off of this area. The SE Realignment Construction activities, waste operations continue in Cell SE-1A.

Mr. Taylor said the latest DEP correspondence was from Air Quality regarding their completeness. Mr. Pannucci said that's for their new proposed flare.

Mr. Hijazi asked if IESI was using the misters. Mr. Pannucci said it's too cold and the line would freeze up. They will use it, as needed, when the weather breaks. Mr. Taylor reviewed his inspection report and will submit it to the Township for distribution.

Mr. Taylor said there was a citizen complaint about the culvert over Applebutter Road on December 28, 2018 so he went out and there was a heavy rainstorm. The culvert is fouled with branches, sticks and leaves. When we have storm water run-off, that combined flow is too much to get through the culvert and it goes over Applebutter Road which is what he observed when he went out there. The water did not smell like garbage as it's not touching garbage. We still don't water overtopping the road as it's a hazard to traffic. He asked what can be done about it. Are you willing to go in and clean it out? Mr. Pannucci said that is not their culvert. That is PennDOT's responsibility and IESI is probably not allowed to touch it.

Mr. Taylor said the next mid-inspection will be on February 7, 2019. The next meeting is on February 21, 2019 starting at 1:00 p.m. The meeting adjourned at 1:40 p.m.

**Bethlehem Landfill Company  
LST Committee Meeting Notes January 2019  
January 17, 2019**

**Agenda Items**

**I. Waste Activities**

Monthly Tonnages

	October	November	December
MSW	29,319.52	29,821.85	25,046.21
C&D	1,304.84	3,074.18	1,727.78
Residual (Total)	1,145.45	2,068.11	3,027.87
Asbestos	0.00	0.00	145.01
Sewage Sludge (90/10)	115.84	71.27	99.00
Out of state (Total)	16,302.01 (51%)	19,827.23 (57%)	16,232.76 (65%)
Recycle	11 (55%)	12 (83%)	12 (75%)

Form U Submittals

Waste

Approval Date

Sterling Oaks Contractors, LLC      Contaminated Soil (506)      Awaiting Approval

**II. Annual Groundwater Trend Analysis**

First quarter sampling event is scheduled for February 25<sup>th</sup> through the 27<sup>th</sup> by Earth Res Group.

**III. Correspondence / Reports**

4<sup>th</sup> Quarter Groundwater Report (2018)

**IV. Landfill Operations**

Department of Environmental Protection Inspections

1/16/19      A. Faulch (Solid Waste), S. French (Solid Waste), M. Glogowski (Solid Waste)

Host Municipal Inspection

1/3/19 C. Taylor  
1/17/19 C. Taylor

Commercial Waste Vehicles

	October	November	December
Total # Trucks	2880	2846	2469

	October	November	December
Overweight	55	89	53
Warnings	50	70	41
Suspensions	5	19	12

October – TT=42, RO=1, RL=5, DT=7 November – TT=73, RO=3, RL=10, FL=1, DT=2 December – TT=49, RL=1, FL=1, DT=2

FL = front loader, RO = roll-off, TT=tractor trailer, RL = rear loader, DT = triaxial dump truck

Bethlehem Renewable Energy and Flare Operations and Gas Collection

**BRE has been running at full to half capacity, with intermittent shutdown, in conjunction with the flare as the main GCCS. Bethlehem Landfill and BRE continue to communicate along with SCS Field Services with any routine or non-routine maintenance to maximize LFG production and minimize odors between plant and flare.**

**December Average Flare Flow = 1,709 SCFM**

See times for flare shutdowns.

Beginning of event shutdown Flare Date: 12/10/18 Time: 18:40

End of event startup Date: 12/10/18 Time: 19:02 Duration: 0:22min

Documentation is on file.

North Slope Road and swale have been repaired from heavy rain. Sedimentation traps and ponds need to be cleaned out.

#### Abatement System

Abatement system continues to operate and discharge to the Bethlehem WWTP. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed.

#### Leachate collection

Flow rates continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. Since the last meeting, LMC-6 issues have been addressed. A new pump was installed in the detection zone. Troubleshooting for LMC-7 has been pushed to early February.

#### Radiation Monitoring

There were 4 radioactive loads for December (I-131 and Tc-99m(3)). The waste streams met level 1 requirement and were disposed of onsite.

#### Phase IV Construction Activities

Waste operations have moved off of this area.

#### SE Realignment Construction Activities

Waste operations continue in Cell SE-1A.

#### Complaints received by Waste Connections

3 complaints received on 11/24/18 (Odor Complaint), 12/28/18 (Water on Applebutter Road), and 1/8/19 (Odor Complaint).