

## IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, January 19, 2017  
Time: 1:05 p.m.  
Location: Lower Saucon Township Council Meeting Room  
Attendance: Nicholas Rogers, Don Hallock, IESI; Chris Taylor, Hanover Engineering; Diane Palik and Leslie Huhn, Staff; Priscilla deLeon, Council Liaison (arrived at 1:15 p.m.); Landfill Committee Member, Haz Hijazi; Exelon, Ken Mitton.

Mr. Rogers reviewed the monthly tonnages for December.

|                      | <u>October</u>  | <u>November</u> | <u>December</u> |
|----------------------|-----------------|-----------------|-----------------|
| MSW                  | 16,896.71       | 15,342.04       | 15,235.83       |
| C&D                  | 7,216.44        | 6,765.44        | 6,499.29        |
| Residual (Total)     | 1,224.58        | 1,021.15        | 1,656.37        |
| Asbestos             | 2.53            | 656.33          | 78.73           |
| Out of State (Total) | 18,238.77 (72%) | 15,894.51(67%)  | 14,107.02 (60%) |
| Recycle              | 2 (72%)         | 0 (77%)         | 6 (79%)         |
| No. Trucks           | 2,445           | 2,393           | 2,305           |

Mr. Rogers said they had five Form U Submittals from December 5, 2016 through January 12, 2017.

He said the 4Q16 groundwater monitoring was completed the week of December 19, 2016. The monitoring was performed by Earthres. Mr. Hallock said from now on they will include in the report the company who performed the groundwater monitoring.

Mr. Rogers reviewed the correspondence/reports which were Form U applications to LST, abatement system report, harms and benefits correspondence report; and quarterly operations report and host fees.

Mr. Rogers said there were two DEP inspections on December 8 and 16, 2016. There were two host municipal inspections on December 1 and 15, 2016.

Mr. Rogers reviewed the Commercial Waste Vehicles, total number of trucks were 2,305, of which 19 overweight in December.

Mr. Rogers said for the Lower Saucon Police report, on December 9, 2016 and December 12, 2016 there were citations. On December 14, 2016 and December 15, 2016 there were no violations.

Mr. Rogers said BRE plant has been running at full capacity in conjunction with the flare as the main GCCS. BRE and IESI continue to communicate along with SCSFS with any routine or non-routine maintenance to maximize LFG production and minimize odors. Mr. Mitton said in December they were on line 97% of the time. They produced 40,999 kw per hour or electric for about 45-50 homes. Mr. Taylor said indicated you are going to see how long you can go without changing your filters. Mr. Minton said yes. They have maintenance on Monday and the filters have been in for 10 days and they see no clogging. There have definitely been improvements in that area. They are shooting to have fewer shutdowns and fewer filter changes.

Mrs. deLeon asked that the two residents on Riverside Drive get the health study. Mrs. Huhn said there were sent out. Mr. Hallock said if they ever have any questions or need to speak to him, just give him a call.

Mr. Rogers said the North Slope sedimentation traps are functional; the perimeter road vegetation is being taken care of and worked on. Mr. Taylor said they are currently looking at the schedule to take care of the perimeter road. The work isn't ongoing right now. They will schedule it in the late winter when the vegetation comes out. Mr. Rogers said 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. Rogers said the leachate collection flow rates continue to be monitored and reported. LMC 6, 7, 8 and 10 have all been taken apart, investigated, re-calibrated and cleaned internally. This will be part of the yearly O&M and/or their quarterly flushing, if needed. Mrs. deLeon asked what was the clogging in the pipes and had a concern that

everyone is breathing that. Mr. Rogers said no one is breathing it, it's in a pipe. Mr. Hallock said it's just a fungus growth from the leachate collection, and he's seen the same thing at a lot of the other landfills. It's non-hazardous and it was analyzed and nothing was found. Mrs. deLeon asked Mr. Hallock to send her that report.

Mr. Rogers said there were no radiation alarms for December.

Mr. Rogers reviewed Phase IV construction activities. The active disposal area is Cell 4E-stage 4. LMC-6-7-8 have all been taken apart, cleaned and investigated. Monitoring flows will continue. The stockpiling of clean fill has moved to the east side of the landfill property due to filling and traffic. Construction for the new wellfield expansion has been completed as of December. Flows are continuing to be monitored and have increased and vacuum has increased due to additional header piping. Addition of HW-4-336 has been construction in the new cell for odor control and two leachate cleanouts in cell 4-E has been connected to the gas system. HW-4-53 has been decommissioned due to new cell and road construction

Mr. Rogers said no odor complaints were received for the month of December. Mrs. deLeon said last night at the Council meeting, Donna Louder said she called in an odor. Mr. Hallock said DEP came on site and they didn't smell anything. He was in Steel City an hour before she called and didn't smell anything. He said any resident can call the landfill or they can call him on his cell phone if they smell an odor and IESI will respond to it immediately.

Mr. Hijazi said there are no odor complaints, has something changed? Mr. Hallock said he thinks updating their gas system plus they put a temporary cap down. There's been an unbelievable amount of work done there in the last six to nine months. They have all been working together with Mr. Minton and SCSFS. Mrs. deLeon said there definitely has been a decrease in odors, so whatever you are doing, keep doing it. Mr. Hallock said they put in nine new vertical wells and new pumps. They don't jeopardize the safety of their customers and residents.

Mrs. deLeon said she read that IESI uses the misters every day and sprays it on the garbage? Mr. Hallock said when it was 8 degrees, they did and almost everything froze, but in the warmer climate, they are doing direct applications. Mrs. deLeon said she hasn't smelled it in the last month or two and hopes she doesn't smell it again as it was horrific.

Mr. Taylor said regarding the secondary flows, IESI is getting true readings through the last couple of weeks and the leachate management chambers are cleaned out and recalibrated, and the pipes are unclogged. LMC-7 is jumping up over 100, and historically we haven't seen that. Mr. Rogers said that was when they cleaned out LMC6 and 7, they were flushing the lines so the numbers went up a little bit. Mrs. Huhn said the date says 2015. Mr. Rogers said he will send in a corrected chart.

Mr. Taylor said in his inspection, the street sweeper was out on Applebutter Road. It's incredibly wet, warm and muddy and he thanked Mr. Hallock. Mr. Taylor said IESI is installing a new scale house office. Mr. Hallock said it's part of the original permit. He said every truck has to pull up at the scale, stop, get out of the truck, and walk over to the office. They are putting up a 8'x28' trailer so when the trucks pull up the driver will be at the scale window, hand them the paperwork and go. This will save a lot of time and will be safer. There will be a bathroom with a holding tank, but no plumbing and no sewer hookup. The office is going to stay, they are just moving the scale person over and it will be a one-person operation. It should be completed in a couple of weeks. Mrs. deLeon said she doesn't understand about the bathroom and the waste going into a septic tank as we don't allow people to pump it out. She asked Mrs. Huhn to check in the host agreement regarding the septic/holding tank. Mr. Hallock said in the maintenance shop they also have a holding tank.

Mr. Taylor said he smelled a slight working face odor at the top of the landfill today when the wind happened to blow that way. He drove through Steel City and didn't detect any odors.

Mr. Hijazi asked about the noise and lights issue that was brought up last month. Mr. Hallock said they don't have anyone on site at 5:30 a.m. No equipment moves until about 6:10 a.m. It could have just been a pick-up truck. They have been monitoring it.

Mrs. deLeon said they talked about the health study last night at the Council meeting and how it was inconclusive. The study was very disappointing. The Township is sending a letter asking for them to redo the study because the instruments weren't able to detect the parameters and the monitoring system was set too high to detect anything. She said that Mr. Hallock said in the paper that he was pleased with the findings of the report. She disagrees with the findings. Mr. Hallock said he's going by the health study. Mrs. deLeon said there were also recommendations for IESI and the WWTP and our TCC is supposed to be looking at that so it's being implemented. She's hoping IESI will review that. Mr. Hijazi said at least it tells you it's not above a certain level. The concentrations for picking them up are higher than the standards are. He's surprised they used a mobile unit, as they are just for screening purposes. Mrs. deLeon said you need to read the entire report and we'll discuss this again.

Mr. Hallock asked if there was any replacement for Donna Louder on the Landfill Committee? Mrs. Huhn said it's on our website, but no one has applied.

The next inspection is February 16, 2017 at 10:30 a.m. and the Landfill Committee meeting at 1:00 p.m. The meeting adjourned at 1:53 p.m.