

## IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, November 17, 2016  
Time: 1:05 p.m.  
Location: Lower Saucon Township Council Meeting Room  
Attendance: Nicholas Rogers, IESI; Chris Taylor, Hanover Engineering; Staff: Diane Palik and Leslie Huhn;  
Landfill Committee Members: Priscilla deLeon (arrived at 1:10 pm), Donna Louder, Haz Hijazi;  
BRE: Ken Mitton, Dusty McKeown. Absent: Donald Hallock.

Mr. Rogers reviewed the monthly tonnages for October.

	<u>August</u>	<u>September</u>	<u>October</u>
MSW	18,892.87	16,533.1	16,896.71
C&D	2,825.30	4,885.1	7,216.44
Residual (Total)	1,083.98	553.5	1,224.58
Asbestos	614.46	0.00	2.53
Out of State (Total)	13,092 (56%)	13,418 (61%)	18,238.77 (72%)
Recycle	6 (58%)	9 (62%)	2 (72%)
No. Trucks	2,519	2,316	2,445

Mr. Rogers said they had four Form U Submittals. He reviewed the 4Q16 annual groundwater trend analysis and said groundwater sampling will be completed the week of December 19, 2016.

Mr. Rogers reviewed the correspondence/reports which were Form U applications to LST, abatement system report, harms and benefits correspondence report; groundwater monitoring analytical report; City of Bethlehem and Allentown WWTP reports.

Mr. Rogers said there were three DEP inspections from October 7<sup>th</sup> through November 7<sup>th</sup> and three Host Municipal inspections on October 6<sup>th</sup>, 20<sup>th</sup>, and November 3<sup>rd</sup>.

Mr. Rogers reviewed the Commercial Waste Vehicles, total number of trucks were 2,445, of which there were 23 overweight in October. There were no overweight vehicles to reported at the landfill for the month of October.

Mr. Rogers said BRE plant has been running at full capacity. BRE and IESI continue to communicate along with SCSFS to maximize landfill gas production and minimize odors. He provided documentation on the Combined SSM reporting form, landfill gas collection and controls system. The flare was only down once and the other shutdowns were for maintenance.

Mr. Taylor said explained the process of the gas probes. They are drilling two more south of the tower. There was an explanation of how gas monitoring was done on the leachate management chambers. Some of the gas probe locations have been starting to get hits of methane where they were non-detect for years. Most of them are around the south side. It might be due to more capping going on and is there an action plan for that? Mr. Rogers said he's not sure what the percent is. He can talk to the consultants and they will come up with an action plan for it.

Mr. Rogers said the North Slope sedimentation traps are functional, perimeter road vegetation is currently being taken care of. 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. Leachate collection flow rates continue to be monitored and reported. LMC 6, 7 and 8 have all been taken apart and cleaned internally. This will be part of the yearly O&M. Mr. Taylor said DEP got elevated detection zone flows in well 8. Mr. Rogers said they found a lot of sludge blockages in the piping, and it's all been cleaned out. They are waiting to see what all three of the wells do, and then will report their findings.

Mrs. deLeon asked if they ever got inspection reports? Mr. Minton said he will have to ask Exelon management about the reports. Mrs. deLeon said we'd like to see some of those reports.

Mrs. Louder asked if DEP regulates BRE's by product. Mr. Minton said yes. Mrs. Louder asked if the storage tanks outside are regulated? Mr. Minton said he thinks it falls under residual waste. Mrs. Louder said she understands the DEP regulates the air and that by product of what's produced.

Mr. Taylor said isn't the BRE plant regulated as a small quantity generator? Mr. Minton said correct. Mr. Taylor said of hazardous waste. Mr. Minton said they do not have a hazardous waste I.D. number, they do not generate hazardous waste, but generate residual waste and have an I.D. number for that. He'll get back to Mr. Taylor on how it gets regulated.

Mrs. deLeon said when you were before us in 2013, when you had that big fine, you needed a variance, and it went before the ZHB, and they were the only ones that could rule on it and they said was it hazardous.

Mr. Rogers said there was one radiation alarm for October. It met all requirements and was disposed in the landfill. The current the active disposal area is Cell 4E-stage 3 of the Phase IV construction activities. LFG collectors for the temporary cap are installed and currently being monitored. MSE wall construction began July 18<sup>th</sup> and is complete. New cell construction for cell 4E-stage 4 is now complete. The stockpiling of clean fill has moved to the east side of the landfill property due to filling and traffic. Construction for new wellfield expansion began on 11/7/16 and continues. There will be an additional four new wells and five new re-drilled wells to the system. Additional header piping will also be added along with airline and force main for dewatering of the wells.

Mr. Taylor asked about the nine new wells and how many wells were hooked up to the header? Mr. Rogers said they are putting a 12" header to provide a loop in the wellfield which will tie in some of the new and old wells.

Mr. Rogers said there was one gas odor complaint in October on Skyline Drive which was called into DEP. They smelled trash on Skyline Drive. At the time, the flare was running at 925 scfm and plant running at 2480 scfm, total flow 3405 scfm. Mr. Rogers said the misters are being winterized. They will try to use the water truck on a daily basis on the open face to keep down the trash smells as they have a neutralizer. Mrs. deLeon said she hasn't been smelling any gas.

Mr. Taylor reviewed the gas flows. The LMC-6-7-8 information was missing, so Mr. Rogers said he will email it to the Landfill Committee. Mr. Taylor asked when they were doing the work on LMC 6-7-8, were they taken off line? Mr. Rogers said they had to shut them down. Mr. Hijazi said do you think you corrected the problem? Mr. Rogers said they aren't sure yet, that's what they are waiting to find out.

Mr. Taylor said they had their inspection today. IESI started working on the North Slope road and are cutting down the tall weeds. Mr. Taylor said the temporary cap looked fine.

Mrs. deLeon said a letter was sent to Roger Bellas about the drainage ditch on the North Slope road. Mrs. Huhn said we sent him a letter about the overgrown condition of the North slope road. Mrs. deLeon said we'll have to wait for the next Council meeting to send another letter. Mr. Rogers said the drainage should be addressed by the new MSE wall. Mr. Rogers said the way the new road was put in, there shouldn't be any water going that way. Mrs. deLeon said any water by the maintenance building will go down the North Slope road. We are planning on meeting with PennDOT to discuss that road as it keeps getting narrower and narrower. Mrs. Louder said she has a video of the water coming down to the Narrows and it looks like Niagara Falls.

Mrs. Louder asked when they planned on filling Cell 4E Stage 4? Mr. Rogers said as soon as it gets approved by DEP, hopefully within the next week or so. Mrs. Louder asked how big the work facing will be? Mr. Rogers said it will be the same size. Mrs. Louder said her concern is odors because of the cooler air.

Mrs. Louder said she made a phone call to the Bethlehem WWTP and they said everyone is invited to go on a tour. The employee gave a full explanation of how the WWTP works and she has a better understanding of it.

Mrs. deLeon asked if we ever concluded where the waste is from Hurricane Sandy? Mr. Taylor said Al Schleyer was supposed to look it up in the records, but nothing became of it.

The next mid meeting inspection is December 1, 2016. The next inspection is December 15, 2016 at 10:30 a.m. and the Landfill Committee at 1:00 p.m. meeting with lunch at noon. The meeting adjourned at 1:55 p.m.