

IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, August 18, 2016
Time: 1:00 pm
Location: Lower Saucon Township Council Meeting Room
Attendance: Donald Hallock & Nicholas Rogers, IESI; Chris Taylor, Hanover Engineering; Staff: Diane Palik; Leslie Huhn and Kal Sostarecz; Landfill Committee Members: Donna Louder and Hazem Hijazi; BRE: Mark Rogers, Dustin McKeown, Ken Mitton. Absent: Priscilla deLeon

Mr. Rogers reviewed the monthly tonnages for July.

	<u>May</u>	<u>June</u>	<u>July</u>
MSW	16,038.0	17,316.2	16,033.3
C&D	3,449.01	2,451.4	2,645.85
Residual (Total)	434.02	468.1	875.96
Asbestos	23.64	832.2	872.69
Out of State (Total)	9,918.41 (50%)	10,205.8 (48%)	10,895.32 (53%)
Recycle	0 (57%)	7 (60%)	2 (52%)
No. Trucks	2,093	2,344	2,194

Mr. Hallock said the BRE plant has been known as Bethlehem Renewable Energy. It is now called Exelon, and is just one company.

Mr. Rogers reviewed three Form U submittals from July 13 through August 8, 2016. He said the 3Q15 groundwater monitoring was being completed the week of September 19, 2016.

Mr. Rogers reviewed the correspondence/reports which were Form U applications to LST, abatement system report, land development plan/zoning correspondence, Semi-annual Title V Operational Report, and the Quarterly Groundwater Abatement System report.

Mr. Rogers said there were two DEP inspections on July 14th and July 20th and two Host Municipal inspections on July 7th and July 21st. Mr. Taylor said he also did an inspection on August 18, 2016. Mr. Taylor noted there were exceedances at 11 locations, and all passed with the 10-day recheck.

Mr. Rogers reviewed the Commercial Waste Vehicles. He said there were 10 overweight in July, and total trucks were 2,194. The LST Police conducted vehicle enforcements at the landfill on July 29th with one truck over by 100 pounds.

Mr. Rogers said BRE was shut down from September 9, 2015 to July 6, 2016. The plant is running at half capacity due to compressor issues. BRE is due to be at full capacity beginning the middle of September. Mr. Taylor said the flare shutdowns are a product of the restart of the BRE plant. Mr. Hallock said you have to shut it down in order to start it up.

Exelon Communications Manager, Mr. Mark Rogers presented an overview for August 2016. He said they are not new to landfill gas and are one of the nation's largest energy companies. On the generation side, two-thirds of their capacity is on the nuclear side, and the rest is everything else. Mr. Hijazi asked how many companies deal with landfill gas. Mr. McKeown said besides Bethlehem, they have three other facilities. Mr. Rogers said they take safety very seriously. Last year for the entire generation company, they went without having a single OSHA reportable incident and that covered 2 million person hours. They have been back online for about five weeks and they expect in a few weeks to be back up to full capacity. Mr. Hallock said since Waste Connections came on board, it's been a great pleasure working with Mr. Minton and his staff. He appreciates all their dedication and hard work.

Mr. Taylor asked when do you estimate full capacity in terms of gas consumption? Mr. Nick Rogers said 2200 to 2500 scfm in September. Mrs. Louder said she's been on the Landfill Committee since 2012 and BRE actually affected their quality of life. Today at the landfill inspection, she could see what was going on. Mr. Nick Rogers is extremely knowledgeable and she's feeling a lot more confident the way everything is playing out.

Mr. Rogers said the North Slope road is in good condition, and the sedimentation traps are functional. 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. The leachate collection flow rates continue to be monitored and reported.

Mr. Rogers said they had no radiation alarms. He said currently the active disposal area is cell 4E stage 3. The permanent cap area is completed with the rip-rap down-channel installed and hydro-seeded for stabilization. The temporary capping project on the south slope is completed. LFG collectors for the temporary cap are installed and currently being monitored. MSE wall construction began July 18th and continues. New cell construction began July 18th on Cell 4-E-4 and continues.

Mr. Rogers said there were no complaints received by IESI for July. Mrs. Louder hasn't had or heard of any odor complaints. She said she had a complaint of construction noise and she mentioned it on the inspection. Mr. Sheldon said it was the MSE wall crew. Mr. Hallock said next time she hears that noise; she should give him a call.

Mr. Hallock said they are looking at September or October for the MSE wall to be finished. It's all weather permitting. Mr. Rogers reviewed the leachate flows for July 2016. He said IESI examined the secondary pumps and used the pump to measure it with the actual water meters and due to any sediment or blocking in the piping; it could throw the flow meters off. Next week they have SCS Field Services coming in to investigate piping and the meters themselves to see if there's any buildup. They are going to clean out the piping if necessary or replace it is needed. The leachate system will be down one at a time. Mr. Taylor said if the numbers drastically change, they should note it. Mr. Hallock said they will give a report on it next month.

Mr. Taylor said you are looking to implement a supervisory control system that ties in the flare and the BRE plant. Mr. Hallock said they've been in communication with BRE on this. They had contractors out to look at the flare and the BRE plant. They are looking at having remote access from their home and/or offices to keep an eye on things in case something shuts down. It's definitely going to happen. It's a part of their gas collection system in the 4th quarter. They implemented a program for a street sweeper to sweep every other Friday on Applebutter Road and the interior paved roads in the landfill. The Community Hotline is up and running.

Mr. Taylor said Mr. Rogers gave him some valuable information on Bayshore regarding the fill for cover material. He was under the assumption they trucked out fill from the landfill. Mr. Rogers said they bring in fill from the outside and they take out the stuff they want. Their bread and butter is using the stone for their other projects. Mr. Hallock said we get the by-product. It's clean fill dirt and nice material.

Mrs. Louder asked how is it was going with Sue Severn? Mr. Hallock said it's confidential, but it's going very, very well. Mrs. Louder said she was reading the host agreement and it says "the host fee rates should be increased for \$1 for each ton of waste transported to and deposited in an area of the landfill not currently permitted for disposal". Is that happening now for Phase V and will it happen for the Southeastern Realignment. Mr. Hallock said that's a good question and he'll get back to her with an answer.

Mrs. Louder said she commends BRE and the landfill for really stepping it up. She is very appreciative of this. Today's inspection was a "wow" for her. She thanks them and said it's a step in the right direction to be good neighbors. Mr. Hallock said there are a lot of great people on the staff who do a phenomenal job. They know LST is a big part of IESI Landfill. They want everyone to know what's going on and have open lines of communication.

Mr. Taylor said during the inspection they said the DEP and SCS scheduled a joint surface monitoring event for August 22 and 23. That was one of the points the Township brought up in their letter and it's being implemented that everyone is using the same methodology. Mr. Hallock said they make sure DEP is on site when SCS does the monitoring and they are all on the same page. They addressed the documents overdue at the pre-inspection meeting today.

The next meeting is Thursday, September 15, 2016 at 1:00 p.m. with a 10:30 a.m. inspection. The meeting adjourned, the time was 1:55 p.m.