

## IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, June 21, 2018  
Time: 1:05 p.m.  
Location: Lower Saucon Township Council Meeting Room  
Attendance: Hanover Engineering: Chris Taylor; Exelon: Lane Bradley; IESI: Nick Rogers, Council Liaison: Priscilla deLeon; Member: Neil Ortwein; Staff: Leslie Huhn & Diane Palik. Absent: Don Hallock, Dave Pannucci and Hazem Hijazi.

Mr. Rogers reviewed the monthly tonnages for May.

	<u>March</u>	<u>April</u>	<u>May</u>
MSW	28,224.52	33,015.82	31,087.58
C&D	3,102.75	2,447.50	2,155.62
Residual (Total)	2,100.62	1,192.35	1,920.85
Asbestos	0.0	0.0	141.40
Sewage Sludge-New Category as of 02-15-18	78.40	64.13	79.58
Out of State (Total)	20,24.18 (62%)	18,936.46 (52%)	18,471.71 (52%)
Recycle	7 (70%)	9 (78%)	11 (72%)
No. Trucks	2,753	3,104	3,267

Mr. Rogers said the asbestos was from Martin Towers. Mr. Taylor asked how much of the out of state was from IESI's transfer stations. Mr. Rogers said about 90%.

Mr. Rogers said there were 7 Form U Submittals from May 1, 2018 through June 5, 2018. For the annual groundwater trend analysis, the sampling was completed by Earth Res Group the week of May 28<sup>th</sup>. He should be getting the trend analysis in a week or so. Mr. Taylor asked if they are trying to do their sampling earlier in the quarter rather than wait until the last two weeks and then if there's a technical glitch, they can get it fixed and then get it sampled. Mr. Rogers said yes.

Mr. Rogers said the only correspondence was the abatement system report. Mr. Taylor asked about the two BRE gas royalty checks. Mr. Rogers said they received the checks and the Township should get them soon.

Mr. Rogers said inspections were done on May 10<sup>th</sup>, there was an inspection follow up with DEP personnel. May 29<sup>th</sup> and May 30<sup>th</sup> there was groundwater sampling. June 5<sup>th</sup> was an engineer's meeting. June 6<sup>th</sup> was the monthly solid waste and air quality inspection. June 11<sup>th</sup> was an inspection follow-up and June 18<sup>th</sup> was a surface emissions test with SCSFS. Mr. Rogers said on June 18<sup>th</sup> they had 11 hits. Mr. Rogers said this was planned and SCSFS did the actual monitoring. DEP was confirming their sampling methods and seeing if and where they were going to have hits. Mr. Taylor said this was 600 monitoring points. Mr. Rogers said they walked half of it, and then SCSFS finished the rest of it that day. Mr. Taylor asked about the 11 hits. Mr. Rogers said two were cap penetrations, a few in the areas of new wells and some of the surface areas. Mrs. deLeon asked about the one well that failed. Mr. Rogers said it was corrected by the new wells and was rechecked. They are still working on some of the wells. Mrs. deLeon asked if the 11 were scattered. Mr. Rogers said yes.

Mr. Taylor asked about the 12" header pipe that was going in. Mr. Rogers said they are putting in a new loop header which is going over the top of the landfill and this was to be preventative knowing they had a header that already created a loop for them. That header is about 80' under trash and they knew at some point it was going to fail, that's why they put the new one in. Now that they are getting a final grade, this will be on top of the landfill and will help them out. Mrs. deLeon asked about the one that was buried. Mr. Rogers said it's going to fill with water and they already see a belly in it. Eventually it will just settle and be gone. It should help with the emissions. Mr. Taylor asked about upsizing of some wellheads. Mr. Rogers said that will happen when the wells go in.

Mr. Rogers said there were three host municipal inspections by Chris Taylor between May 3, 2018 and June 7, 2018. There were 3,267 commercial waste vehicles with 43 overweight's, 33 warnings and 10 suspensions. Mr. Taylor stated there were more trucks and less overweight's. Mr. Taylor said Mr. Hallock showed him scale tickets last week and they were all under 80,000 lbs, in which he was demonstrating that the trucks weren't leaving their transfer stations overweight. Just prior to the last inspection on June 7<sup>th</sup>, Mr. Hallock responded to a verbal

complaint about three trucks staging on Shimersville Road before 7 a.m. and stated when the trucks came in he put them in the penalty box which is where they have to sit for an hour and it really puts a crimp in their day, so it's a good deterrent. At that same time, Mr. Taylor mentioned to Mr. Hallock about trucks sitting on the off ramp for I-78 and Mr. Hallock said he has not checked on that lately, but will start doing it again.

Mrs. deLeon said there is an on-line petition about the speeding on Route 412 in Leithsville. The Township went to PennDOT asking them to reduce the speed limit. The residents decided to go with a petition which spells out all the information advising why they are asking to reduce the speed limit.

Mr. Rogers said BRE was running at full capacity, in conjunction with the flare as the main GCCS. Currently the BRE plant is down today for annual maintenance. They continue to communicate with BRE along with SCSFS with any routine or non-routine maintenance to maximize LFG production and minimize odor between plant and flare. AEG Environmental completed the installation of four new vertical wells and 10 re-drills. The replacement header under the haul road has been completed. AEG is working on replacement of old header and installation a new header along with constructing air and drain lines to each well to install de-watering pumps. Mr. Bradley said both compressors are on line. They seem to be running well. This morning they were down for maintenance and they should be up now. He said the first two shutdowns were planned maintenance and the last one they lost power from PPL.

Mr. Taylor said you have been trouble shooting the louver operations and seem to have an answer to the problem. Mr. Rogers said back when they installed the new big blower in 2014, regarding the programming, they took two computer systems to try to control four louvers simultaneously and it wasn't working very well. Anytime BRE goes down, they have to do the auto tune. EarthRes group said you have two controllers controlling two louvers and they are not working in unison. They worked on it and are reinventing the entire program so it works off of one program to control all four louvers at one time. They should work much faster. Mr. Taylor asked when they expect the temporary fix to address the issue to be permanent? Mr. Rogers said it will take a few weeks to do the testing on it. They will do some simulations. Mr. Taylor asked they give us a heads up when they do.

Mrs. deLeon said the gas royalty payments still have not been received. Mr. Rogers said BRE sent them to IESI and they are in the process. Mrs. deLeon said the Host Agreement refers to monthly checks. Mrs. deLeon said she doesn't have a problem with them being quarterly, but we want to get them on a consistent basis.

Mr. Rogers said the North Slope sedimentation traps are functional and the perimeter road is in good condition. Mr. Taylor said there are no signs of erosion, its open and in good shape. 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. Upgrading of controls and motors is taking place for preventative maintenance. There have been no outages.

Mr. Rogers said the flow rates for the leachate collection continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed.

Mr. Rogers said there were five radioactive loads for May, four of which were Iodine 131 and one was Technetium. The waste streams met Level 1 requirements and was disposed of onsite. Calibration of their equipment was done on June 4<sup>th</sup>. Currently for Phase IV construction, the active disposal area is cell 3D.

Mr. Rogers said the SE Realignment construction of the MSE wall is complete. The drop off center is complete, but not active yet. The recycling will stay where it is and move the trash over to the other side. Mrs. deLeon said the site plan is being changed. Mr. Rogers said potentially. Mrs. deLeon said we have to look into that. Mr. Taylor said people seem to like it there more, but it's contrary to the plan requirement. Mr. Rogers said it's not hard to change the plans. He said composite is being placed in the cell and new high voltage electric is being installed.

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Mr. Taylor asked what provisions IESI had for auxiliary power. Mr. Rogers said they have a backup down by the office and by the flare with generators. Mr. Taylor said what about leachate. Mr. Rogers said those pumps are controlled by the panel over at the flare.

Mr. Rogers said there was one odor complaint on May 23, 2018 at 9:40 a.m. on Saucon Avenue. During the time the plant was running at 1068 scfm and the flare as running at 1893 scfm. DEP responded on May 24, 2018 and did not detect any odors. Mrs. deLeon said it wasn't her who called. Mr. Taylor said was there anything out of the ordinary going on that day? Mr. Rogers said they both looked at their charts and everything was running fine.

Mr. Taylor said when he pulled in the parking lot, he looked up at the temporary cap at the south face and you could only see the upper bench and it looked like it was ballooned, but when he got a closer look at it and it was not ballooned. He just wanted to mention it if Mrs. deLeon was driving by.

Mrs. deLeon said this morning at 10:30 a.m. she got a whiff of something on her patio and just that fast it went away. A couple of nights ago a friend who lives down the hill called her and asked if she remembered when they were complaining about the sweet smell. She called Monday night and it was intermittent. She asked why would we be smelling something sweet before the garbage smell. When the City owned the landfill, Chris Campen went over all the different odor smells with the different agents of garbage and she remembers him talking about the sweet smell. Mr. Taylor asked if it would be leachate. Mr. Rogers said he didn't think so.

Mr. Rogers reviewed the flows and leachate demand report at LMC-6, 7 and 8 and PS-1, 2 and 3. Mr. Taylor mentioned that Mr. Hallock offered to get together a bus tour. Mr. Rogers said he will mention it to Mr. Hallock and maybe in September or October they could arrange it.

The next regular inspection will be July 19<sup>th</sup> at 10:00 a.m. and the Landfill Committee meeting at 1:00 p.m. Mr. Taylor said he will be unavailable, but Mr. Schray will attend. The meeting adjourned at 1:55 p.m.