

## IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, January 21, 2016  
Time: 1:15 PM  
Location: Lower Saucon Township Council Meeting Room  
Attendance: Priscilla deLeon, Council Liaison; Al Schleyer, IESI; Chris Taylor, Hanover Engineering, HMI; Diane Palik, LST Staff; and Donna Louder & Haz Hijazi. Guest: Louie Gombos from WFMZ.com.

Mr. Schleyer reviewed the monthly tonnages for December.

	<u>October</u>	<u>November</u>	<u>December</u>
MSW	11,097.0	10,359.9	9,793.85
C&D	2,454.4	3,491.9	2,101.7
Residual (Total)	7,847.7	874.6	2,065.7
Asbestos	0	0	0
Out of State (Total)	12,332 (58%)	5,453 (37%)	6,178.3 (44%)
Recycle	0 (70%)	0 (78%)	10.0 (74%)
No. Trucks	2,088	1,740	1,730

Mr. Schleyer reviewed two Form U Submittal for January 21, 2016. Mrs. deLeon said the out-of-state trash is lower, there's not much coming from NJ. Mr. Taylor said the overall numbers are trending down

Mr. Schleyer reviewed the annual groundwater trend analysis. The 2014 Annual Groundwater Trend report is complete. The 4Q15 Groundwater monitoring was completed during the week of December 14, 2015.

Mr. Schleyer reviewed the general correspondence reports for December and said there were the Form U's, Abatement System report, 4Q15 Facility Report; and land development plan/zoning correspondence all related to the expansion, annual recycling report and response to SER to LST/Hanover and PA DEP letters. Mr. Taylor said the ground watering events, any problems there? Mr. Schleyer said there were a few dry wells, but there were no outstanding issues.

Mr. Schleyer reviewed seven (7) DEP protection inspections from December 10, 2015 through January 14, 2016. Mr. Taylor asked if there was any surface monitoring by DEP on January 5<sup>th</sup>? Mr. Schleyer said part of it was a follow-up to a December odor complaint. The landfill did not detect any odors at the time of their response so Tara came out a follow-up for a general inspection. Mr. Taylor said when's the last time you have a surface monitoring from DEP? Mr. Schleyer said in December. Mr. Taylor asked for the results? Mr. Schleyer said he'll be forwarding the reports out soon. The last one was 10 or 11 exceedances and they all passed the 30-day recheck. There were some on the south slope and some on top. Mr. Taylor said will they be able to do surface emission monitoring in the temporary cap area? Mr. Schleyer said yes, they will be able to walk on them. Mrs. deLeon questioned that some of the inspection reports weren't on the website. Mr. Schleyer said they haven't received them yet, sometimes there's a brief delay.

Mr. Schleyer said there were four Host Municipal Inspections on December 3<sup>rd</sup>, December 17<sup>th</sup>, December 31<sup>st</sup> and today. He reviewed the Commercial Waste Vehicles report for December. Mr. Taylor asked if Mr. Schleyer could start reporting non-garbage vehicles in this section of the report meaning the actual count, separating the trucks between trash and trucks for top soil and construction material.

Mr. Schleyer said we have the LST Police Report for December. The officers went out on December 7th and December 12th. On the 7th there was a dump truck overweight by 460 pounds. On the 12th there were no violations observed. Mrs. Louder said did they use your scale? Mr. Schleyer said yes, they look at the outside display on the scale. Mrs. Louder said they aren't using any equipment from the Township, just using the scale at IESI? Mr. Schleyer said correct. Mr. Hijazi said he's not getting that. Mrs. deLeon said the Township has spent a lot of money buying scales to use around the Township and they are very rarely used and her and Donna were not happy about that in the budget. Mrs. Louder said most of the trucks overweight are probably taken at the landfill and they are primarily using the scale at the landfill. It's easier and convenient and basically she just wanted to note that's the scale being used and it's not the scales that are purchased at \$5,000.00 a piece from the Gaming Commission money and they also want to purchase a second one. Mrs. deLeon said the point of the matter is when

Donna says something like that, she would like to see it in the minutes. It's just an FY. Mrs. deLeon said she knows Christmas and the holidays and she's been very busy in December and this report from the PD, did we ever get emailed the report? Mr. Taylor said the PD is supposed to send it to Mr. Schleyer. Mrs. deLeon said wouldn't it be nice to courtesy copy the Landfill Committee. Diane will follow up with this and ask the PD to ask the Police Chief to courtesy copy the Landfill Committee. She'd like to read one. Mr. Hijazi said it's probably easier to have it copied to the Township and then forward it to us and Allen. Mrs. deLeon said then it would be noted on the correspondence log.

Mr. Taylor said our meeting on December 17<sup>th</sup>, there was no overweight enforcement, nor in November. Were they just not out? Mr. Schleyer said it's completely their judgment call to come out and it's random. He never knows when they are going to show up which his fine with him. Mr. Taylor said do they go a month and they don't come out the following month? Mr. Schleyer said it's rare they skip a month, but it could happen. It's totally whatever their responsibility and what business is going on at the time. Mrs. deLeon said when we were doing budget, she wanted to know from the Chief where in the Township were they using this other scale as we had one scale currently, and they are getting another one. It was only four or five times a year. To her, it wasn't used enough to require another one.

Mr. Schleyer said regarding BRE there are no changes. They are still shut down and they will be starting up early 2016. Mrs. deLeon asked if Al got the letter from Mr. Quigley. Mr. Schleyer said yes, he seems pretty responsible. Mrs. Louder said with BRE down, can you tell me what percentage your flare is running? Mr. Schleyer said they are running at about 85%, 3100 scfm. They still have the capacity to handle all the existing gas as they always have. Their permit requires team to be able to control and maintain all of the gas. The BRE facility is a supplement to that and beneficial use by converting it to electricity, but they are required to be capable of managing all of the gas. Mrs. Louder said God forbid something happens to your flare, where's the gas going? Mr. Schleyer said they have two other back-up flares right on the same skids. Mrs. Louder said what if your flare goes down and the flare is no longer burning the methane. Mr. Schleyer said they get crews out there to make repairs as needed and get it back up and running. Mrs. Louder said she's leaning towards the flare. She thinks we need another flare on that property. Mr. Schleyer said they've been looking at that.

Mr. Hijazi said he thinks BRE and the landfill, their flare are separate issues. He sees her concern about when the landfill flare is down and whether they are prepared for emergencies, that's a valid point. We have to remember that before BRE, they were supposed to take care of it on their own. They are not together issues. Mrs. Louder said she understand that 100%. She has not seen a flare in any of the plans for the SE Realignment. She hasn't even seen a spot with an X on it saying this is where the flare may go.

Mrs. deLeon said she doesn't mean to be disagreeable, but previous Councils didn't even want to hear about BRE. They are separate entities, but they co-exist using the same gas and they are dependent on each other. They are in each other's plans. To her, there has to be a big question mark in BRE's mind is, the future of the landfill, do we need to put the money into fixing this broken down turbine and if the expansion is going be, and she doesn't see it being more gas on a daily basis, but it's going to be more years of dealing with the gas. She doesn't want to think that's why they aren't up and running. Mr. Schleyer said he wants to make one clarification. BRE is dependent on them for their gas supply, but they aren't dependent on BRE at all. Mrs. deLeon said she agrees. Mr. Hijazi said he thinks your referencing the potential landfill life span and how that could affect BRE. If the landfill closes tomorrow, we know there's going to still be gas generated for much longer. Mrs. deLeon said last night at the Council meeting, Leslie reported we got Quigley's response. She goes back to April of whatever year that was when they had the close down and the horrible things happen with the Bethlehem Waste Water Treatment plant and they had to pay the \$45,000.00. You just don't pay that much money for nothing. Now we have a plant closure since September and they don't have the courtesy to let us know and only through because we harp on Allen. The language we got in the PPC plan didn't even apply to them. She's disappointed. Mr. Taylor said IESI showed no shutdown during December which is great.

Mr. Schleyer said regarding the North Slope, everything is functional. They drove down the road and there was a tree top broken off which closed the road, which they will open. It's in good shape. Mr. Schleyer said the

abatement system is functioning as designed and still doing its job. The leachate collection flow rates continue to be monitored and reported. They had no radiation alarm responses during December.

Mr. Schleyer said Phase IV construction activities, Cell 4-D/B was the current main active disposal area. Cell 4-E Stage 3 disposal area is completed and approved for use by PA DEP letter dated December 29, 2015. Currently the active disposal area is 4E-stage 3. The permanent cap areas are near completion with soil being placed over the synthetic cap. It's about a 3-acre cap. They are still working on the temporary cap. The actual liner area is probably 95% complete. This slows down during the cold weather. Mr. Taylor said can you explain the down channel and how that works to move water from the north to the south. Mr. Schleyer said we have storm water down channels in other open channels at the base, so they'll pick up the storm water coming from those job sites. From the permanent cap side, that riffraff down channel will collect some of the surface water coming off the top and it's directed towards the riffraff channel as an erosion control measure. That will get picked up by two of the storm water benches on the permanent cap area and they get directed down to open storm water channels OPQ which go to the south side basin 2 for discharge. That's the design of the landfill to keep more storm water from going towards the north side and redirecting it to the south slope. Mr. Taylor said the temporary cap, the synthetic cap itself is down and welded to the permanent cap on the eastern edge. Mr. Schleyer said to the actual primary liner and to the base of it as well. Mr. Taylor said you got a seal through there but there's still more synthetic material to place. The cap itself creates a seal and creates a barrier for gas migration, but there's still another layer of synthetic to place, and that won't happen until we get decent weather. Mr. Schleyer said by Friday that job will shut down for a while. Mrs. deLeon said the temporary cap is the black, the south slope. That was for 12 acres and you have about 7 acres covered now, plus or minus. You said the other remaining five or six acres will be done when? Mr. Schleyer said 2016. That's the additional temporary cap scrim liner we proposed in the modification. That will be west of what we did. Mrs. deLeon said on the north slope is the permanent cap. Mr. Schleyer said in Spring, that will have top soil on it and seeded.

Mrs. Louder said the north wall where you are directing the water around and down looks very nice, but and she knows it's slanted in the landfill hill and run beautifully down, down and down around to the SE Realignment end. She was concerned about the water running down the north side and washing out Riverside Drive again. She asked why they couldn't put a detention basin down on that side and catch it just in case. Mr. Schleyer said you are talking about a one and a half to one slope on the north base of a hillside. Mrs. Louder said the bottom line is you need a safety net to catch it just in case because the people at the bottom of Riverside are worth it. Mr. Taylor said there may be a little spot for a basin where the North Slope road leg of it goes down to the wells. He doesn't know what you could fit in there. That's an engineering call. Mrs. deLeon said she's been at P/C meetings listening to them and again Council worrying about runoff and here's an opportunity in this realignment to address the runoff. Mrs. Louder said she doesn't want water running along the MSE wall. Mr. Schleyer said most of the water is running on benches near it, not on the wall itself. The benches redirect it away from the wall.

Mr. Schleyer said there were registered complaints discussed in December with an email from Priscilla from December 11<sup>th</sup>. Mrs. deLeon said she complained on December 11<sup>th</sup> and December 21<sup>st</sup>. Mr. Schleyer said DEP actually came out and responded to the December 21<sup>st</sup> one.

Mr. Schleyer reviewed the leachate demand report for December 2015 and the daily flows. Mr. Taylor said there were still some flows that were still elevated. Mr. Schleyer said it did start to tail off as they thought it would, then they got some pretty heavy rains at the end of December, then it popped back up again.

Mrs. Louder said looking at the PPC plan that was just sent out, she believes there's a chain of command that has to be set in there. There's no chain of command. She doesn't know how many hats Mr. Schleyer has on. Mr. Schleyer said it's himself and Mike Sheldon. Mrs. Louder said who is the Compliance guy? Mr. Schleyer said right now, it's him. Mrs. Louder said who is the Manager? Mr. Schleyer said he's still the Manager too. Mrs. Louder said you need to fill the chain of command. Mr. Taylor said can you give us any update on that? Mr. Schleyer said he thinks you'll see someone in that position shortly. Mr. Taylor said let's fill that position soon.

The next meeting is Thursday, February 18<sup>th</sup> at 1:00 p.m. with a 10:30 a.m. inspection. The meeting adjourned, the time was 2:05 p.m.