

IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, November 20, 2014
Time: 1:05 PM
Location: Lower Saucon Township Council Meeting Room
Attendance: Donna Louder, Landfill Committee Member; Al Schleyer, IESI; Chris Taylor, Hanover Engineering, Host Municipal Inspector; Priscilla deLeon, Council Liaison; Diane Palik for the Township. Absent: Hazem Hijazi, Landfill Committee Member.

Mr. Schleyer reviewed the monthly tonnages for October. He reviewed the eleven Form U Submittals from October 9, 2014 through November 14, 2014.

Mr. Schleyer said the Annual Groundwater Trend Analysis report was submitted in June. The 3Q14 sampling event was just completed the week of September 15th.

Mr. Schleyer said they had the general correspondence reports for Form U's, Abatement System report, LFG well construction notification and PA DEP AQ site inspection follow-up report; 3Q14 PA DEP Facility report; 3Q14 Groundwater report and the 2Q14 LST Facility report. Laressa had some kind of discrepancies on the CD's of the 2Q14 LST Facility report, so they will have them redone and will distribute them.

Mr. Schleyer handed out the LFG Site Plan through October 2014, which showed where all the wells were located.

Mr. Schleyer reviewed the DEP protection inspections October 9, 2014 through November 13, 2014. Mrs. deLeon asked Mr. Schleyer if anything was highlighted on the inspection reports. Mr. Schleyer said the Engineering meetings are typically just discussions of upcoming events and permits. The site inspections were covered pretty well in the last two months. The newest one was November 5th by Tara Redding and Mr. Trone, where there was an odor complaint that day. There were about 15 to 17 location points that they detected greater than 500 ppm. Mrs. deLeon said these are new and will they be addressed along with the 23 that already have been detected before? She asked if these 17 places were on the map he provided. Mr. Schleyer said she asked for the well locations. Mrs. deLeon said she asked for the wrong thing, she wanted the exceedance locations. Mr. Taylor said everything highlighted on the map is a landfill gas well that was newly drilled at the last round. That can also be an exceedance location if the soil isn't sealed against the casing properly and you could have landfill gas coming up between the soil and the outside of the casing or you could have exceedance locations between wells. We don't have a map of exceedance locations as it can change practically every time. The other map we have is the 503 grid points and Laressa directed him on where to find that in the quarterly report which he'll copy and give to everyone. Mrs. deLeon said going back to the inspection on November 5th, when they came up with 17 places they found exceedances, she wanted to know if there's a map of these particular 17 places? Mr. Schleyer said they did not plot a map and he's sure DEP didn't either. Mr. Schleyer said the majority were on the south slope and some on the western side. Mrs. deLeon asked if it was in intermediate cover areas? Mr. Taylor said the final capping is shown on the map, so if he were to take the exceedance location and relate them to this map, they'd have the answer to that question. Laressa does that also, so he won't duplicate that.

Mr. Schleyer said there were three Host Municipal Inspections from October 7th through November 7th.

Mr. Taylor said he conducted an inspection today which he reviewed and will be submitted in his report. He said there was sediment on the road, so he said going forward, IESI needs to figure out if there's a piece of equipment they could get to take care of the sediment that tracks out to Applebutter Road. Mr. Schleyer said the recheck was done on the 17 exceedance locations and 6 or 7 failed and will get remediated again. They are now digging around the gas wells and putting in some bentonite clay and re-compacting and putting more soil on top of that. They will be back in 10 days to recheck the failed locations.

Mr. Schleyer reviewed the Commercial Waste Vehicles for the month of October.

Mr. Schleyer said there were two overweight truck enforcements that were completed by the Police Department on September 9th and September 13th.

Mr. Schleyer said the BRE and Flare Operations data will be provided when completed. Mr. Schleyer went over the Gas Collections.

Mr. Schleyer reviewed the North Slope and said sedimentation traps were functional and the perimeter road is passable. The abatement system continues to operate and discharge to the Bethlehem Waste Water Treatment Plant. 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. Schleyer reviewed the radiation monitoring, in which there was one on October 6th and one on November 4th, both Level 1 isotopes, Iodine-131.

Mr. Schleyer said Phase IV Construction Activities, Cell 4-E Stage 1-2 is the current active disposal area.

Mr. Schleyer said there were no complaints received by IESI in September, as most people are calling DEP. Mrs. deLeon said she knows there were complaints in October as she was one of the complainants. There was a lady on Apple Street who called DEP and told Mrs. deLeon that it was definitely a gas smell.

Mr. Taylor said they held their Quarterly Landfill Consultant meeting two days ago. They are requesting supporting data for the Landfill Gas Collection and Capture Efficiency quarterly report. They are requesting an updated cap plan which shows the final capping as it currently sits, the last of which you prepared diligently earlier in the year. This plan should show the phasing numbering that the DEP refers to. He asked for the quarterly Surface Monitoring Emission Report for September as that data wasn't properly reported in the 2Q14 Facility report. He said they'd like to start taking a look at the intermediate cover and start to check the depth of it. He needs to work with Mr. Schleyer to see how they can go about that in a methodical way so that they are covering the areas they want to cover without any duplication. He'd like to incorporate it in his regular inspections. They were thinking of a machine digging an x number of holes before his inspection and then he would check the thickness of the intermediate cover at the locations. If they are good, great, if they find they are deficient, then it tells them what they need to know. They want to try to get a program like this moving forward. This may control one possible source of the odor incidents that we are having. Starting with the next mid-meeting inspection, he'd like to check the depth of the cover. There were some documents he didn't have in his records, which are the leachate demand and groundwater demand report for September 2014. He's also looking for the third quarterly version of the Groundwater Demand report as well as the gas royalty report for the third quarter.

Ms. Louder said there were 26 well exceedances and asked were the wells that now exceeded the same? Mr. Schleyer said he believes most of them are the same. The soil may have dried out. From the map, he pointed out the high exceedances. Ms. Louder said what if they put another flare up there? Ms. Louder said if they got a flare, the smell wouldn't blow down on them. Mr. Schleyer said there isn't much area there for a flare. Ms. Louder said a flare would eliminate a lot of the troubles. Mr. Taylor said it can't hurt, but you don't know if it's going to help unless you put one in and see what good it does. Mrs. deLeon said the gas has to go somewhere. Mr. Schleyer said that's why they try to build a perimeter line and run the over headers. Ms. Louder said maybe BRE can put a flare in. Mr. Schleyer said they'll take a look at it.

The next meeting is Thursday, December 18, 2014 at 1:00 pm. The tour will be at 11:00 am. They will have their Christmas holiday luncheon the same day at 12:00 noon in Council chambers before the meeting.

The meeting adjourned; the time was 1:55 p.m.