

IESI Bethlehem Landfill Committee Meeting Minutes

Date: Wednesday, October 22, 2014
Time: 1:04 PM
Location: Lower Saucon Township Council Meeting Room
Attendance: Donna Louder & Hazem Hijazi, Landfill Committee Members; Al Schleyer, IESI; Chris Taylor, Hanover Engineering, Host Municipal Inspector; Diane Palik for the Township. Absent: Priscilla deLeon, Council Liaison.

Mr. Schleyer reviewed the monthly tonnages for September. He reviewed the thirteen Form U Submittals from September 23, 2014 through October 17, 2014. Mr. Taylor asked about the dewatered reed bed sludge. Mr. Schleyer said that's a repeat from September. It's dry and there's no odor. It comes in on an 18-wheeler.

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. There were a couple of dry wells close to abatement wells. Mr. Taylor said what's the implication if you have wells that are supposed to be sampled and they aren't sampled as there is no water? Mr. Schleyer said if you get into seasonal high water, sometimes they can get a sample out of it. If not, the abatement wells are right there, so it's representative of the ground water quality.

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. Mr. Taylor said Mr. Schleyer's follow-up report that he responded to the exceedance locations that the DEP had documented and found what? Mr. Schleyer said they made some repairs to those areas, put some more soil there, compacted it, put clay bentonite around the wells, if needed, then you come out and retest those areas. If they are less than 500 ppm, you report that and then there's a 30-day follow-up to check again. All but two passed, then they were repaired and then it gets repeated. At the end of the incident, everything was passable.

Mr. Schleyer reviewed the DEP protection inspections September 11, 2014 through October 21, 2014. Mr. Taylor said the inspection by Tara Redding on September 18th on the odor complaint, has a report been prepared? Mr. Schleyer said he doesn't think he has one. Mr. Taylor asked what transpired. Mr. Schleyer said he thinks it was a follow-up to the odor complaint and to check on the landfill. Mr. Hijazi said that complaint only went to the DEP? Mr. Schleyer said they don't get too many complaints anymore, they go directly to DEP and in September, IESI didn't get any complaints. There have been complaints through September to the DEP. Mr. Taylor said he just found the Ms. Redding report and she came out and detected odors including landfill gas odors. Has any response been made? Mr. Schleyer said some of that was during the landfill gas well construction.

Mr. Taylor said another report he wanted to talk about was the August 27th inspection by Wally Govern in which two violations were noted. It had to do with operating the landfill in accordance with approved plans and permit and failed to maintain intermediate cover and to cover solid waste after it is placed. This is in response to an odor incidence where there was insufficient cover in places. Mr. Schleyer said IESI added cover for the odor issues and everything has been addressed; and follow-up work was done. Mr. Taylor said September 5th the consultant found no exceedances, which was the 10-day period. He noted when at the facility today, IESI is stockpiling quite a bit of cover material at the facility. His observation is IESI took action to address those and are starting to be a little more proactive with having enough cover material on site. Mr. Schleyer said they want to be prepared by having enough stockpile material at the landfill. Mr. Taylor said there had been very high readings and he would caution IESI to do whatever they can so the readings are not that high again. It needs to get better, and he thinks it will. We had an odor incident on October 2nd. Mr. Schleyer said they saw a timeline that it was in the evening. Ms. Louder said 4:30 pm to 7:30 pm and there were seven phone calls to DEP. At 9:30 pm, a DEP representative sat with her. He visited everyone that called in. He did smell it at the Hill Climb. She wondered if there was an event at the landfill that day? Mr. Schleyer said the BRE plant was down a couple of days in that timeframe from October 1st to October 3rd. There was nothing else unusual going on. Mr. Hijazi said BRE was up, so it's definitely not coming from BRE. Ms. Louder said that's to be determined. Normally, when BRE would go down and the landfill flare was running full, they had no problems.

Mr. Schleyer said there were three Host Municipal Inspections from September 22nd through October 22nd.

Mr. Schleyer reviewed the Commercial Waste Vehicles for the month of September. There were no LST police reports since August 2014.

Mr. Schleyer reviewed the BRE and Flare Operations. He said he didn't have a report for August, so this report is combined. It goes from July 31, 2014 through September 27, 2014.

Mr. Schleyer went over the Gas Collections. He said the North Slope perimeter road is passable. The Abatement system still continues to operate as designed. The leachate collection flow rates continue to be monitored and reported. There were two incidents for Radiation Monitoring on September 22nd and October 6th, both were Iodine-131.

Mr. Schleyer said the Phase IV Construction activities, Stages 1 and 2 are the current active disposal areas. The spray lines are functional and will still be used until things freeze up. The three acres of cap is completed as well as the 16 vertical wells and they did add on a horizontal collector. They installed that on the western side of Cell 4E Stage 1.

Mr. Schleyer said there were no complaints received by IESI in September, although he knows DEP did receive some complaints. Mr. Schleyer reviewed the September 2014 Leachate Demand report. Mr. Taylor said the flows were all good. Mr. Schleyer said they are low because it is drier outside.

Mr. Taylor said he conducted an inspection today which he reviewed and will be submitted in his report.

Mr. Hijazi asked what nonpetroleum contaminated soil and stone was? Mr. Schleyer said there's two parts to that. The stone is actually quarry stone they had bought to bring into the site to backfill and the native arsenic level in this stone, native to the stone, was higher than NJ's DEP backfill, so they are going to bring that over as well. There was metals contamination for the soil at an old site there in NJ.

Ms. Louder said on October 2nd, the gentleman from DEP mentioned that evening the sewer treatment plant was stronger, but dissipated when he entered Steel City, so that odor is not crossing into Steel City. Mr. Hijazi said he's trying to figure out where it's coming from. Ms. Louder said are you putting extra coverage on at night? Mr. Schleyer said they bring trucks right into the working face and they drop off so they can easily push that on there. There's plenty there. She would like the MSDS on the spray they are using for the mister. Mr. Schleyer said he will get it for her. Mr. Taylor said since Donna just mentioned the October 2nd odor incident, he received an email from Dean Fisher of DEP which said there were seven calls and they responded to Steel City. He said no odors were detected or confirmed with any of the complainants, a light gas odor was observed at the Hill Climb; the sewer plant was strong and dissipated at Steel City. The IESI flare was running fine, but BRE was out. Mr. Schleyer said during Wally and Tara's inspection yesterday, they walked the areas that were deemed a problem in the August inspection and they were quite pleased with what they saw and what repairs were made.

Mr. Taylor said he thinks we are getting fooled by the BRE plant which is way down hill at the south hill and how can problems at that plant, it shutting off, coming back on, affect Steel City all the way of the other side of the hill. He said we can't just focus on the fact that the plant is right there where it's at, we have to think about the whole network of gas pipes that it's connected to and when that draw at the BRE plant stops, it's just not in the building right there, it's in that network. Maybe as the gas tries to change direction and go towards the flare, it's not going to BRE, maybe there's a spot where the gas becomes stagnant and it's finding a place to get out. Mr. Schleyer said with the automatic louvers, four of them will operate and it will kind of ramp up without shutting down if BRE shuts down, so a lot of times there is just a transition over. At other times it could shut the flare down depending on temperature and how the equipment can respond at the time. Mr. Hijazi asked if Lou Militana is still working on this. Ms. Louder said she thinks the Township decided not to go ahead with it because the cost was over \$20,000.00 for the canisters and DEP may not recognize the findings in these canisters because they have been controlling it.

The next meeting is Thursday, November 20, 2014. The meeting adjourned; the time was 1:52 p.m.