

IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, July 17, 2014
Time: 1:19 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. Absent: Hazem Hijazi.

Mr. Schleyer reviewed the monthly tonnages for June. Mr. Schleyer reviewed the June the Form U's. Mrs. deLeon said she doesn't recall seeing anything from Laoussa that raised any flags.

Mr. Schleyer said they did submit the 2Q13 trend report before June 30th. The week of June 16th, they had their 2Q14 ground water sampling event. There were a few dry wells which were the normal ones. Everything else went pretty smoothly. Mrs. deLeon wondered if the dry wells were going to be where the proposed expansion is going to be. Mr. Schleyer said no it's not. The residential wells were tested.

Mr. Schleyer said they had the general correspondence of ground water reports, Form U's and the abatement system report.

Mr. Schleyer reviewed the DEP inspections including ground water, engineering and air. Mrs. deLeon asked if there were any highlights for these reports. Mr. Schleyer said on the July 12th the air quality report they did some surface monitoring and found some locations greater than the 500 ppm detected. They went back out and reworked the area with bentonite and clay to seal them up. As a follow-up, SCS Consultants came out and did a 10-day recheck on those sections as well as the 30-day recheck. He submitted the report they provided and DEP conducted follow-up inspections on July 18th. Mr. Taylor asked how many areas were exceedances of 500 ppm? Mr. Schleyer said on the initial testing there were 14. After the 10-day retesting, two were still not less than 500 ppm, so they had to redo those areas and the next recheck they were less than 500 ppm. Mrs. deLeon said could you walk on the top there and say there's an issue? Mr. Schleyer said there are times when your meter can pick things up and you can physically stand there and not smell anything. There's times when you can smell something. Mr. Taylor said methane is odorless so it depends on how many other constituents are entrapped in it. Mr. Schleyer said a garbage odor isn't going to have much gas to it. Mrs. deLeon said one of the residents last night made a comment that she can see the water tank and when you think about it, if the wind is blowing that way and she can see the tank, there's no trees in her view, she'd be curious to see in the residents reports if things were reported on the 12th. Mr. Schleyer said they were and he responded to her complaints a number of times and he's been in her backyard and talking to her and hung out and waited and a couple times he noted the wind blowing in that direction, and it's intermittent, but nothing was going on when they were there.

Mr. Schleyer said Chris Taylor conducted his inspections on June 2nd, June 16th, June 19th, and July 3rd. Mr. Taylor said he was also there on July 15th.

Mr. Schleyer said there were 25 overweight commercial waste vehicles in June. He received an email yesterday from the PD, stating they noted three vehicles were overweight. They were like a box U-haul truck and a pick-up truck. Mrs. deLeon wanted a category added to the report. Mr. Taylor said we can call it "Township Police Department Enforcement Actions". Mrs. deLeon said we should ask Jack to request the Police write a report. Mr. Taylor said the Chief's monthly report includes it. Ms. Louder said if you have to answer to DEP for overweight's, then don't you have to answer to DEP for any kind of fine written on your property? Mr. Schleyer said that's a Township matter. Mrs. deLeon said it's not IESI's fault. Ms. Louder said she knows that, but do you need a copy of that citation to send to DEP? Mr. Schleyer said he thinks if the PD sends an email that's fine with him. Mr. Taylor said we will always be a month behind in incorporating the PD reports.

Mr. Schleyer reported the startups and shutdowns from the BRE and the flare, including May, because that's when they had some additional work done to the louvers. Ms. Louder asked about the PPL shutdown. Mr. Schleyer said PPL had to do some work in the switch yard and BRE shut down for a full week for them to do their job.

There was discussion on the pipe installation at the base of the cap area. That's one of the preventative measures that they've designed for stormwater controls in there.

Mr. Schleyer reviewed the complaints they received. There were two from Johnston Avenue which they responded to and there was no odor. Mrs. deLeon said if you look at the dates, it says flare was running so that means BRE was running. Mr. Schleyer said when the flare was down in most cases it was an hour or less. Mr. Taylor said we have a lot of complaints on the 11th and we don't know why, but Jay Wagner from DEP conducted air quality inspections and responded to those odor complaints on the 11th. He said that's the way things should work, citizens call and complain and DEP goes out and confirms it, then someone else from DEP comes out and tries to find out by doing surface emissions monitoring and if they find exceedances, they turn that over to IESI and they fix those areas. Mr. Schleyer said his goal is to stay one step ahead of DEP and not annoy the citizens. Ms. Louder said they aren't saying what they smell. Mr. Schleyer said as far as he knows, this is what he got off the log. Ms. Louder said in the past two months, she has been smelling garbage and leachate on the property more than gas. This morning she smelled a sweet odor and when she went on the tour, she found out IESI was fixing a seepage. When they had the torrential rain, it smelled like the whole cell just opened up right next to her house. Mrs. deLeon said they should show where the notch was. Mr. Taylor said especially if you are thinking of an expansion in that area. Mr. Schleyer showed Mrs. deLeon where the notch area was. That's not going to be there anymore. They will dig that out.

Mr. Taylor reviewed secondary flows. Mrs. deLeon said we had all this rain, so why did the numbers go down? Mr. Schleyer said he didn't know. Everything is working and the pump kicks on, the meter is working.

Mr. Taylor reviewed his observations from the inspection conducted prior to this meeting.

- Observed the BRE plant was running.
- The wind was blowing from the NW to SW shifting back and forth at about 5 to 10 MPH.
- Conducted an odor patrol through Steel City prior to arriving at about 10:45 AM. Observed no landfill odors or noises until Applebutter Road by Ringhoffer Road, and then observed a slight landfill gas odor. That location does correspond to the way the wind was blowing at that time.
- Mobile dredge was on site cleaning out inlets at the entrance and then they moved up to inlets along the access road along the toe of the south face.
- Landfill flare was running at 1230 cubic feet per minute.
- The spray line was running and Mr. Shelton reported he runs it each day for at least a couple hours in the morning and the afternoon and longer if wind direction dictates.
- Disposing of garbage in Cell 4E, Stage 1.
- Wind screens were in place at the working face.
- They are nearly finished placing soil to address the west face, but there's areas that have to be tracked over.
- All soil for daily cover is being imported while still using some tarps for daily cover.
- There's no use of alternative daily cover and there's no use of a truck tipper yet.
- At the working face, one truck was dumping and none were waiting.
- Fill is being staged at the working face for use for daily cover.
- As required, Mr. Shelton reported they were working on one leachate seep on the south face.
- A slight gas odor was noticed near the flare as they drove through on their inspection.
- The area of the south face just immediate west of the final cap has been dressed with soil and the eroded areas have been repaired. The areas that were eroded on the July 14th washout incident have been repaired.
- Mike Shelton reports they are preparing to install the pipe connection to the inlet at the bottom of the new down channel.
- The down channel will consist of a pipe rather than a gabion line open channel. At each pipe the channel will have inlets on either side that allows storm water flow from the benches to enter the down pipe.
- Mike Shelton stated that they will grade each bench back to meet the intermittent fill level adjacent to provide a smooth flow of stormwater across the benches so that it can get to the down channel rather than encountering the higher finer capped area and being forced to run down the slope which is what caused part of the erosion and washout on July 14th and that he will attempt to add extra fill to create a stronger back pitch on the benches back to the toe to try to retain the water on the benches even better.
- The channel at the base of the southern face has been cleaned out from the downstream pipe to the angle where the manhole is and when equipment is available later today, Mike will have the remainder of the

upper reach of the channel cleaned out and reformed. That channel was silted in during the July 14th washout.

- The west high wall was observed. No slope failures or major movement of soils; no rock was observed.
- Some garbage got to sedimentation basin 4 from the July 14th washout. Mike Shelton will clean that out when he has the laborers to do it.

Mr. Schleyer said they had some laborers attempt it, and then they just walked off the site. Mr. Taylor said that's what Mr. Shelton said, the workforce refused to do the work. The basin didn't seem grossly dirty.

Mrs. deLeon asked someone to go over the slope thing and about obviously the rain from the other day started at the top and he was going to make changes so it wasn't so steep. Mr. Schleyer reviewed what has been done and what continues to be done to divert the water away from the construction project to minimize that instantaneous flow when it hits that plastic liner. Mrs. deLeon asked that happened on the 13th? Mr. Schleyer said they were in a different phase of construction, but it was a similar area. Mrs. deLeon said nothing happened in the work face area? Mr. Schleyer said no, there was more dirt and some rocks. Mrs. deLeon said two residents took videos and pictures. She was told there was a horrendous odor, where did that come from. Mr. Schleyer said it was possible it was along the edge where the garbage was exposed. Mrs. deLeon didn't smell it at her house, but you could smell it at other residents houses. Mr. Taylor said we're still vulnerable to the same occurrence if we get an intense rainfall. We'll have the same conditions out there. Mr. Schleyer said there was some construction to divert water away from that area so it will lessen the amount going down that channel. Mr. Taylor said did you take measures to keep the inlet open at the bottom to take water? Mr. Schleyer said they looked at that and are getting it fabricated.

Mr. Taylor asked if they looked into getting the weather station on line? Mr. Schleyer said their IT guys have to work through that. Mrs. deLeon said it might have a lag. It will be available on the internet.

Mr. Taylor asked if we received an explanation about the methane detection at the two gas probe locations, which was reported a couple of months ago. Mr. Schleyer said the last time he read through everything there was no detection, but he will follow-up with that and get an answer. Mr. Taylor said previously we asked how many trucks were bringing in cover material daily. His notes for the month of May were 206 for six days. Mr. Schleyer said he thinks it's a low number. Sometimes for construction projects, those guys bring their own soils in. Mrs. deLeon said how many a day would that be? Mr. Taylor said about nine a day.

Mr. Taylor asked if the date for the next meeting could be moved August 14th? Everybody was okay with that date. Mrs. deLeon said Council was given a large map last night that included the six or eight possible sources of odors from the Grinding Acre Mulch Plant, to Calpine, to all around. The phone numbers will be posted on the website in addition to the two reports from Chrin and Alliance Landfills noting there's no health consequences from breathing landfill odors.

Mrs. deLeon said IESI representatives attended the Council meeting last night and presented the concept for the SE realignment.

The meeting adjourned, the time was 2:26 p.m.