

## IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, May 21, 2015  
Time: 1:45 PM  
Location: Lower Saucon Township Council Meeting Room  
Attendance: Priscilla deLeon, Council Liaison; Al Schleyer, IESI; Chris Taylor, Hanover Engineering, Host Municipal Inspector; and Diane Palik for the Township. Absent: Haz Hijazi and Donna Louder.

Mr. Schleyer reviewed the monthly tonnages for April. Mr. Taylor asked if the number of trucks for April included the trucks that bring in the soil to the landfill? Mr. Schleyer said no, it doesn't. Mr. Taylor said he would like a tally for the soil trucks on a separate line starting next month.

Mr. Schleyer reviewed six Form U Submittal's from March 23, 2015 through May 6, 2015. Mr. Taylor asked what dewatered paper sludge was. Mr. Schleyer said there's a clay base with it, and some places it was used as a pond liner. The dewatered paper sludge was previously approved with Marcal. He said the Annual Groundwater Trend Analysis is due June 30, 2015 and the 2Q15 Groundwater Sampling event is due in June 2015.

Mr. Schleyer said they had the general correspondence reports for Form U's, Abatement System report, 1Q15 PA DEP Facility Report, 1Q15 Groundwater Report and the NPDES Renewal application for stormwater. Mr. Taylor asked if the NPDES Renewal was annual? Mr. Schleyer said it's a five-year renewal application. Sometimes DEP comes out and looks at the basins.

Mr. Schleyer reviewed the DEP protection inspections from April 7, 2015 through May 20, 2015. Mr. Schleyer said they were cited on April 21<sup>st</sup> for lack of cover on the intermediate area and DEP also picked up over greater than 500 ppm. There was a notice of violation letter issued on May 12<sup>th</sup>. On May 20<sup>th</sup>, there were no issues with Jessica Wagoner's inspection. They saw the areas IESI had reworked. Mr. Taylor said you sent DEP a proposed plan with the correction of the violation. Mr. Schleyer said IESI completed the repairs and the surface monitoring was less than 500 ppm. The Township will be copied on the letter going out next week to DEP. DEP may come out again to re-inspect and when they do, they come unannounced. Mr. Taylor said IESI got a verbal on the inspection yesterday from Jessica Wagoner and did the violation appear to be corrected? Mr. Schleyer said Ms. Wagoner didn't see any issues and will be preparing an inspection report with the result of their inspection.

Mr. Schleyer said Mr. Taylor did four host municipal inspections from April 1, 2015 through May 21, 2015. Mr. Taylor corrected the report and said he was there on May 7<sup>th</sup>, not May 15<sup>th</sup>. Mr. Schleyer will make a correction to the report.

Mr. Schleyer reviewed the commercial waste vehicles report for April 2015. Mr. Taylor asked about their traffic control plan. How long has it existed in its present form and does it get updated every year? Mr. Schleyer said he thinks it was updated a couple of years ago. It's written by engineering; Mr. Schleyer will take a look at it, and some safety people. Mr. Taylor asked if there was anything Mr. Schleyer would like to see in the plan. Mr. Schleyer said it seems effective. It varies as far what trucks are overweight, where they are coming from. Mr. Taylor asked if there could ever be a way to get the warnings to zero? Mr. Schleyer said if you fine people, the money always seems to affect the outcome. Mr. Taylor said it should be uniform across all facilities and regulated at the state level.

Mr. Schleyer said there was a Police Report from March 23<sup>rd</sup> through April 21<sup>st</sup> with five violations observed. The police are on site for several hours. Mr. Taylor said the numbers seem to be up and down. He asked if Al got any feedback from the trucking firms about the police presence. Mr. Schleyer said he thinks the police presence on site can be a good deterrent.

Mr. Schleyer reviewed the BRE and Flare Operations from April 3, 2015 through April 24, 2015. Mr. Taylor asked about the louver control malfunction. Mr. Schleyer said it ended up being a PLC glitch, more computer related. They fixed it and got it up running. Mr. Taylor said BRE is not running today and had a planned shutdown which started the 19<sup>th</sup>. Mr. Schleyer said they were going to start up this afternoon.

Mr. Schleyer said the North Slope sedimentation traps are functional and the perimeter road is passable. It will be ready for the June sampling for everyone to get down there and sample the groundwater wells. He said 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.

Mr. Schleyer said the leachate collection flow rates continue to be monitored and reported. There hasn't been too much change in the numbers. They had two radiation monitoring alarms on April 4., 2015 and May 2, 2015 where isotopes were identified and disposed on site.

Mr. Schleyer said Phase IV Construction Activities, Cell 4-E Stage 1-2 is the current main active disposal area. They are going through the landfill gas well and header construction, eight vertical wells and three horizontal collectors will be completed. The five well pumps are installed do dewater wells to increase gas production. As he explained to Mr. Taylor today they put a camera down two of the pumping wells and they were kinked over a little bit and you couldn't get a pump down there, so they are going to re-drill those wells and put new wells in and if pumps are needed at that time, they will put pumps in the new wells. Mrs. deLeon asked what was the date of the last construction? Mr. Schleyer said on the 7<sup>th</sup> they installed a horizontal header line. There's horizontal collectors where they put stone in there and covered it with more rock. The vertical wells are drilled down with the big rig. Mr. Taylor asked about the new 12" header line and what areas it covers. Mr. Schleyer said they extended the 12" header on the bottom of the south slope and around toward the west slope as well, to get a better vacuum out in that area. Some parts are coming on line as they make the final connections.

Mr. Schleyer said there were odor complaints received by IESI. One was reported on April 8<sup>th</sup> on Fritz Avenue and when Mike Sheldon went out, he did not detect any landfill odors. They received an email from Jessica Wagoner from DEP on April 18<sup>th</sup> and found some areas in Steel City that said they smelled a sweet and/or honeysuckle odor. Mike Sheldon and Mr. Schleyer went and conducted an odor patrol. They detected a honeysuckle odor and also observed honeysuckle bushes along the roads and yards in blossom. They did not detect any landfill related odors, but a lot of other types of odors, cut grass, pine trees, those kinds of things. On May 19<sup>th</sup>, Priscilla sent an email out reporting garbage odors and he and Vito went out and smelled cut grass, a guy cutting firewood, and those kinds of odors. Mrs. deLeon is asking the residents to keep track of any odors. DEP had sent a representative out on Sunday and the smell was very intermittent. They are waiting to get a report from DEP. The representative did smell it in two places in Steel City. Mr. Schleyer said if he smelled it, he would say something. Mrs. deLeon said by the time people come out, the gas odor is gone. As a follow-up, there's been letters back and forth from DEP, and the legislators. Council asked the Department of Health to do a study of health concerns and they will be conducting a study.

Mr. Taylor reviewed the pump station data. From the technical committee meeting yesterday, they are still awaiting Mr. Schleyer's leachate demand and abatement well report for March and 1Q15. Mr. Schleyer said he will follow-up with that. Mr. Taylor said the big issue from the meeting yesterday was the lack of education on intermediate cover areas. Their understanding was areas of intermediate cover are supposed to be vegetated or stabilized within 30 days of placement. They know from observations, they don't have any vegetation on covered areas, so they need to know IESI's plans going forward to comply with that requirement. Mr. Schleyer said they are looking for some alternatives in lieu of grass seed. They are also using posi-shell, which gets sprayed out and will seal and be an odor suppressant. They are looking to focus on what they will be using and implement it in the future. They do final permanent capping every year, this year it will be on the north side as it's up to final grade.

The next meeting is Thursday, June 18, 2015 at 1:00 p.m. Mr. Schleyer said he may not be able to attend. The meeting adjourned, the time was 2:45 p.m. (Note that after the meeting adjourned, the date of June 18<sup>th</sup> was changed to June 25<sup>th</sup> so Mr. Schleyer could attend.)