

Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, October 24, 2019
Time: 1:00 p.m.
Location: Lower Saucon Township
Attendance: **Hanover Engineering:** Chris Taylor **Bethlehem Landfill:** Astor Lawson & David Pannucci;
Members: Hazem Hijazi & Neil Ortwein **Council Liaison:** Priscilla deLeon (by speaker phone);
Staff Members: Leslie Huhn & Diane Palik

Mr. Pannucci reviewed the monthly tonnages for September:

	<u>July</u>	<u>August</u>	<u>September</u>
MSW	25,164.83	29,941.57	29,475.48
C&D	5,137.16	5,635.12	3,808.02
Residual (Total)	2,556.86	2,568.83	1,863.79
Asbestos	0.00	0.00	0.00
Sewage Sludge (90/10)	99.33	102.30	79.34
Out of State (Total)	17,379.60 (53%)	22,677.17 (59%)	21,843.45 (62%)
Recycle	13 (69%)	12 (83%)	11 (82%)

Mr. Pannucci said there were two Form U Submittals on October 8, 2019. Regarding the annual ground water trend analysis for the fourth quarter, the sampling event is scheduled for November 25th through the 27th by EarthRes Group. For correspondence/reports, they had the 2019 Third Quarter Facility report and the 2019 Third Quarter Landfill Gas Collection/Capture Efficiency report.

Mr. Pannucci said there were two DEP inspections on October 18th with Jennifer Cimera from Solid Waste and Rich Malizia from Water Quality. October 15th, Matt Glogowski from Solid Waste came out for his monthly inspection. Mr. Taylor asked what was done with water quality. Mr. Pannucci said he had some comments about access to some wells and wanted to follow up with them from the last sampling event. Mr. Taylor asked if the silt sock boom was still at the basin. Mr. Pannucci said it's at both of the basins they have.

Mr. Pannucci said there were two Host Municipal Inspections from Chris Taylor on October 3rd and October 24th. Commercial waste vehicles, there were 2,918 in September, 52 overweight, 48 warnings and 4 suspensions. Mr. Taylor said he was in the scale house today and out of the 16 slips, there was only one that was overweight by 40 lbs. He said he thinks you guys are doing a great job at the transfer station.

Mr. Pannucci said for gas operations, BRE is shut down for the foreseeable future. The LFG flare is the main GCCS. Bethlehem Landfill continues to communicate with SCS Field Services with any routine or non-routine maintenance to maximize LFG production and minimize odors. The September average flare flow was 2,997 SCFM. There were two shutdowns for September, one on September 6th for 40 minutes and one on September 19th for 20 minutes, both for general maintenance.

Mr. Taylor said we talked about the work you are doing on the exceedances that were documented by SCS when they came out and did their screenings. Mr. Lawson said they cleaned up the slope closer to Steel City, now they are on the southwest side. They are getting a lot of work done on the slopes, so they are restructuring those and doing regular maintenance to keep it in compliance. He said Cody has the equipment to do his own surface emissions. They also have the soil staged at the top to get that work done when it dries out. Mr. Pannucci said the gas plan they handed out last meeting, everything is held true of that. They will start drilling next week and then do the supporting pipe work as there were odors.

Mr. Pannucci said the North Slope Road has not needed repairs. The swale has not needed repairs. The site has been cleaned, Basin 3 and 6 and is currently cleaning out Basin 4.

The abatement system continues to operate and discharge to the Bethlehem WWTP. Intermittent malfunctions of the well pumps and controls are repairs or replaced as needed. Control Systems 21 is scheduled to troubleshoot low flows in the abatement system by the end of October.

Mr. Pannucci said flow rates continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. The site replaced primary/secondary pump in PS-1. Control Systems 21 is scheduled to replace LDZ pumps in PS-1 by the end of October. Mr. Taylor asked if they both went bad. Mr. Pannucci said the primary they noticed an issue with and they replaced it. The primary was pretty easy to tell from the flow rates that it was gone, and when they were down doing maintenance, they checked out the LDZ and it was replaced also. Mr. Pannucci said there were five radioactive loads for September [Tc-99m (4) and I-131 (1)]. The waste streams met level 1 requirement and were disposed on site. For SE Realignment Construction Activities, waste operations are in SE-1B.

Mr. Pannucci said there were 47 complaints received in 2019 plus DEP follow-ups and their findings. Mr. Hijazi said it seems that there were a lot in October. Mr. Pannucci said going back to the gas project, that's part of it. If those odors are getting over to Steel City, that's the only explanation they really have for that area which they are going to address. A lot of them are after hours; and if that's what you area smelling, that's got to be the source of it, at that end of the landfill.

Mr. Taylor said we know where it's coming from. He told Priscilla when people ask her, to tell them it's getting worked on. They had SCS screen the landfill for methane releases and they are now chasing down all those spots to remediate them. The work on the gas wells is going to start next week. The odors should decrease as the work progresses, so please let everyone know that it's getting worked on but not going to be a fix overnight. We want people to keep documenting and reporting the odor incidents, but want them to realize no one is sitting around doing nothing.

Mr. Ortwein said are these smells intermittent or persistent. Mr. Taylor said the one he smelled at the top today was pretty persistent. He's not sure what other people are experiencing. Mr. Ortwein asked is it constant? Mrs. deLeon said it's not constant, but sometimes you can smell the odor for a couple of hours. Mr. Pannucci said on the 20th, there were 3 odor complaints and then DEP followed up and didn't find any landfill odors. Mrs. deLeon said when we report it and by the time the DEP inspectors get out there, it could be a couple of hours and then they don't smell it. Mr. Taylor said hopefully by the next meeting, all the odors will be taken care of.

Mr. Taylor said looking at leachate numbers, secondary flows in LMC-6 had some funky numbers, what's going on there. Mr. Pannucci said the one was a transducer change out where a pump kicked out. Mr. Taylor said LMC-7 has zeros and then it went up one day. Mr. Pannucci said they were doing maintenance on it that day. Mr. Taylor said LMC-8 is down below 100 in August when the weather started to get dry. Mr. Taylor said PS-1 in September dropped to zero when the pump problems were caught. PS-2 the flows are at zero as well as PS-3 and PS-4.

Mr. Taylor said the North Slope road looked good today. The sedimentation basins are getting cleaned out. He asked what the acceptance rate has been lately. Mr. Pannucci said they are higher now but the number will be dropping in December. Mr. Taylor asked if they are in the market for a couple of machine operators. Mr. Lawson said correct and we hope to have the position filled very shortly.

Mr. Taylor said there were pickers out today as there was some blown litter on the south face. The landfill flare was running okay. The flare was down from Thursday to Friday. Mr. Pannucci said one of the thermal couplers was bad and that got changed out on Friday. Cody could see that the flare was down and he couldn't get it to start, so they called SCS and they came out. They were able to troubleshoot it; and it was an easy fix.

Mr. Taylor asked how the permitting for the second flare was going. Mr. Pannucci said they submitted it, but not sure if they got the final approval. Mr. Taylor asked about the Aria project. Mr. Pannucci said they are doing some work over there.

Mr. Taylor said the next inspection will be Thursday, November 21st starting at 1:00 p.m. The December meeting will be on the 19th and the January meeting will be on the 16th starting at 1:00 p.m. The meeting adjourned at 1:40 p.m.