

Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, January 18, 2024
Time: 2:00 p.m.
Location: Lower Saucon Township

Attendance: **Bethlehem Landfill:** Astor Lawson; **Hanover Engineering:** Scott Brown; **Staff Members:** Mark Hudson, Chief Barndt, and Stacy Werkheiser; **Council Liaisons:** Victoria Opthof-Cordaro and Priscilla deLeon; **Member:** Brian Mauro. Absent: **Member:** Matt McClarin.

Priscilla said welcome everybody, I would like to call to order the Bethlehem Landfill Committee meeting on January 18, 2024, and it is 2:00 p.m. We are going to start off with Waste Activities on the agenda and that is you Astor, correct?

Donna asked before we start, can we have an introduction of members? Priscilla said absolutely. Priscilla said I am the newly elected President of Council. Brian Mauro, newly appointed member of the Landfill Committee. Astor Lawson, District Manager of BL. Scott Brown, Host Inspector. Victoria Opthof-Cordaro, I am a member of Council and also co-liaison with Priscilla. Mark Hudson, Township Manager. Priscilla asked do you want to introduce the audience? Maryanne, do you want to go first?

Sure, I am Maryann Garber, Outside Legal Counsel for the Bethlehem Landfill; Donna and Tom Louder, Residents of Steel City; Robert Hill; I am Mark Ozimek and I collect all the evidence; Andy Krasnansky; Anne Marie Crown, Resident and Tax Payer. Lynn Hill, Resident and Controller for the Township. Tom Barndt, Chief of Police.

Astor Lawson reviewed the Monthly Tonnages below:

MONTHLY TONNAGES			
	October	November	December
MSW	21,792.43	21,147.87	21,341.48
C&D	3,096.30	5,574.46	3,562.25
Residual (Total)	718.84	488.93	1,065.40
Asbestos	23.53	52.01	0.00
Alternate Daily Cover	2,237.84	1,003.46	759.19
Sewage Sludge	592.85 (2%)	721.02 (2.4%)	645.91 (2.3%)
Out of State (Total)	16,454.18 (58%)	16,308.95(56%)	15,843.62(58%)
Recycle	8(75%)	7(86%)	7(86%)

Victoria asked how the recycling is dropped off? Astor said we have a big blue bin over in the corner so when they come in by the scale and let Dee know that you have blue-bin recycling and she will direct you to that corner. Astor said it's big Republic, like a 3-yarder, I don't know the sizes of the bins. Victoria asked do we advertise that bin to anyone outside of the Township? Astor said we are required to put it in the Morning Call twice a year, and he said that one should be running for January, I believe next week in the paper. Victoria said, okay thank you.

Astor said I also wanted to mention for out-of-state waste, those tons are down about 10% from the previous quarter and they are going to continue to go down. We purchased Arrowhead Disposal which has a railyard in Jersey, but they rail it to Alabama. Priscilla said, wait, can you say that again please? Astor said the NY City waste from my company is going to start going to Alabama. Priscilla said so they won't be out-of-state to the landfill in Lower Saucon then? Astor said NY City, no, about half of it is already started being shipped; they have to buy more railcars, but it is going to start going to Alabama. Priscilla said so we will see a decrease in out-of-state waste. Astor said yes, and that number should continue to go down. Priscilla said okay.

Victoria asked are you supplementing that with waste from another location? Astor said probably at some point; obviously if we are losing business, we are going to try to bring in other stuff but we have been getting more, some of the haulers that we have, have been winning municipal contracts so we are getting that. He said now we are now getting the City of Easton’s waste; we get Quakertown’s, I forget all of the municipalities we started taking in but we have different contracts now with different boroughs and local cities. Victoria said so are you trying to prioritize bringing in waste from neighboring municipalities? Astor said if there is opportunity to take it, yes. He said I think in general, most of the Northeast, if you look at New England and again in New York, a lot of those states are pro-rail, and so a lot of stuff is, even the train that goes by Steel City, that is going to Ohio from Bridgewater Township NJ. Priscilla asked where does it originate, I didn’t know that. Astor said Bridgewater Township in NJ. Priscilla asked then where does it go? Astor said from the research I have done; it looks like it goes to Apex Landfill in Ohio.

Priscilla said I haven’t received any odor complaints from people; sometimes they will complain that there are odors coming from the train, and I never knew where it started from or where it ended. Astor said I know there is one sitting there now, but it is probably too cold to get anything off of it. It has been there since Monday. Priscilla asked what do you mean they sit there, where do they sit? Astor said if you are driving across from the sewage plant, there is one that has been sitting there for about four days now. Priscilla said so on the other side of the bridge, not by Steel City. Astor said I don’t know where they, I have seen comments from people that they park there, but I have only ever seen them stop right there. Priscilla said right, so there are different tracks so they could be off to the side on the track. Priscilla asked are they covered? Astor said yes, this one is tarped. I have seen them when I am doing odor patrols on Riverside, and they are coming and they will be wide open. Priscilla asked and we don’t know what the regulations are on that, and Astor said I don’t, and unfortunately, we don’t have anything to do with that. Priscilla said I understand, but I thought maybe.....Astor said what I mean is my company doesn’t own those cars. Priscilla said I get it. Victoria just so I am clear, they typically sit near the WWTP on a side track. Astor said they are right now. Victoria asked do we know how many you see? One railcar, or how many railcars do we see there? Astor said if you drive by, you will see they are double stacked. Astor asked Scott did you see it today? Scott said yes. Victoria said okay, thank you. Astor said no problem.

Astor reviewed the Form U Submittals that were approved below.

Form U Submittals	Waste	Dates
Mauser St LLC	Asbestos Containing Waste	10/16/2023
Riverhead Town	Sewage Sludge	10/18/2023
Simmons Animal Nutrition	Plant Trash	11/22/2023
Assai Energy LLC	Spent Activated Carbon	11/29/2023
Hydac Intl	Plant Trash	12/18/2023
LVI Airport	Contaminated Soil (Waste Petroleum)	12/19/2023
Marbo Inc	Asbestos Containing Waste	12/19/2023
Devon Self-Storage	Coal-Derived Bottom Ash	12/26/2023

Annual Groundwater Trend Analysis – The 4Q sampling event was 11/13/2023 through 11/17/2023. Priscilla asked when will the trend will be finalized? Astor said Meiser and Earl are working on it now, we did just submit and I believe the email went out and I saw Mark was on it for January 2nd, the Q3 was submitted. Priscilla asked do we routinely get a copy of it? Astor said yes, you should. Anytime that is submitted and anything goes to the DEP, you guys are usually copied on it. Priscilla asked when do you think we can expect a copy of that trend? Astor said I can find out, we are getting answer back, because it is on Meiser, Todd Lowrey is the one working on it.

Victoria said Astor, can you give an explanation, or maybe the engineer can, somebody describe what a sampling event is and what it involves? Astor said from my understanding and the way they explain it, any kind of quarterly event, like in this particular one, with the groundwater. We have groundwater wells around the site, up gradient (before it gets there) and down gradient (afterwards), as the water flows through, we test what the water is like before it hits the landfill and what it is like after. To Priscilla's point, we look for trends to see if there is anything increasing as it passes underneath the landfill if anything is showing up new that wasn't in it before it flowed underneath. Victoria said so that is something we can use to determine how the liner systems are operating, and what's coming, if there is anything, hopefully not, that would get through. Astor said correct, that is the whole point for the testing is just to be able to detect if there are any issues or if anything is coming up that shouldn't be there.

Victoria asked and that groundwater, just so we know where does that ultimately dispense? Does it go into one of your retention ponds or is that going into one of the..... Astor said the groundwater, that would be all the stuff in the aquifers underneath. Victoria said so we are not talking about runoff...you're right, this is underneath. Priscilla asked also are you still doing analysis for the abatement system? Astor said yes. Priscilla said last time I was with the committee you were at the end of it because it was pretty much cleaning it up. Astor said we still use all their abatement wells and we still do the sampling for that so we still have the abatement plan and groundwater, and that is included in the groundwater sample. Priscilla said so is that going to be ongoing forever, the abatement system, or is there eventually an end to that? Astor said I don't know off the top of my head, but I can try and get an answer to that. Priscilla said I didn't know that if after everything was cleaned up if they would stop pumping? How many wells were there now, 12-13? Scott said 13 I believe. Astor said I can try find an answer for you. Priscilla said I am just curious. Astor said I have never had a conversation with anyone about it ending but that doesn't mean it isn't going to. Maryann Garber said I have to say there aren't any current plans at all to stop the abatement system. Priscilla said okay, keep going even though the wells come back clean, or they are not coming back. Maryann said I just know there are no plans to get rid of that abatement system and it will be up and running for the foreseeable future, and it is required by DEP. Priscilla said right, okay, great, thanks. Victoria said the abatement wells go into the leachate collection system? Astor said that it is basically water that is pumped up from the groundwater that goes into to prevent any contamination of the ground water aquifer. It prevents water from going into the groundwater aquifer by pumping it out into the leachate system; so it actually flows to the WWTP with our leachate. Victoria said okay, thank you.

Astor continued with Landfill Operations:

DEP Inspections:

Matt Vipond is Solid Waste Enforcement: 10/18/2023, 10/19/2023 for a records check, 11/16/2023 & 12/28/2023.

Matt Glogowski who is the Engineering Inspector on 10/18/2023, 11/29/2023 and 12/20/2023.

Priscilla asked if there were any negative comments in any of these reports? Astor said I meant to go back and review them; I believe in November, but I would have to look, I believe they did the surface emissions and we had some hits on the southeastern corner there. Maryann added that copies of all of these reports are provided to the Township, correct? Astor said, correct. Priscilla said I am just asking so they are part of these minutes. I may know the answers to some of these questions but I would like them part of the minutes. Astor said okay. Astor said in November/December we have annual inspections from the WWTP. Kenneth Greiser was out for his inspection, City of Bethlehem on 11/06/2023 and B. Brogan was out on 12/01/2023 from the Lehigh County Authority, Allentown WWTP. All of our leachate goes to the City of Bethlehem but then we are required to have a backup in case we have an issue with our first source which is the City of Bethlehem so that is why we get an inspection from the Lehigh County Authority.

Host Municipal Inspections:

Scott Brown was out on 10/05, 10/19, 11/02, 12/07 and 12/19/2023. Jacob Schray was out on 11/16/2023. Priscilla asked Scott if he had any comments on any of these inspections. Scott said there is nothing outstanding. They made the repairs have been kept up, we have had a lot of storms and they did keep up with that. Scott said they kept up with the routine maintenance from the storms, and that was the biggest thing. North Slope Road is in good shape; that was fixed back up so everyone can get around the landfill. Other than the odors that we detect in the southeast corner, and that has been noted for the past couple of months. Victoria said I have just a couple questions about the southeast corner but I am happy to finish the rest of the report, how do you want to do that? Can we address that now? Priscilla said, it's fine, whatever.... Victoria said the southeast corner, what is, do we know, what is the cause of the landfill gas that seems to be persistent in that spot? Astor said from looking at everything what we have been dealing with is with a lot of the storms we have had, there is a lot of moisture in that section as we built up, and the moisture expedites the process of the decomposition which creates the methane, so I think from what we are looking at, we saw an increased volume in gas in a new cell. Normally on new waste, it takes time for gas to develop to become, where you can actually drill wells and pump it out of there. Again, with the moisture, there are a lot of different variables that play into it, but it just seems to be expedited, the amount of gas that is being created on the southeast corner. Victoria asked is there discussion about potentially putting in more gas wells in that location to capture it? Astor said yeah, the first time we started noticing odors on that corner, we actually connected to the leachate cleanout to try to pump gas from there and that worked for a very temporary amount of time, and then we worked with Archae, which the plant is not online yet, but they did come in and they installed three horizontal wells over in that area which helped, again temporarily, and then over time, again the odors started to come back. Astor said we have been working with Archae trying to get more gas pumped out of there. Astor said we added more soil and put down erosion matting to help try to stop the odors and that helped a little bit, but again, not enough obviously. Actually, right now, we are in the process of just capping it. The wind defender actually showed up on site today to cap it. Victoria said and that was an active disposal site? Astor said yes, that is where we are filling right now. We are going to cap it. There was discussion with Archae; we want to put vertical wells there now, but with winter it is a bad time to take a drill rig on the side slope, so we are going to cap it and then hopefully in spring we are going to add vertical wells to try to pump more gas out of it, but at least in the meantime, the gas itself will be capped. Astor said we do have some wells there to extract that gas out. Victoria asked is there the ability to check if the gas is coming from a spot that is outside of the containment wells that you have or the extraction wells, if I am calling them the right thing? Astor said I am not sure if I understand your question, within the landfill or outside the landfill? Victoria said I am envisioning, this is my thought process....she said it seems like you have tried to increase the extraction with the wells you had, right? And then you said you put in three horizontal wells with the new gas to energy plant and that helped. Then you also did some grading, but you said it came back; it helped it for a little bit and came back. Astor said it is generating faster than we can get it out of there at this point. Victoria said okay, so it is generating from the same....I guess my thought was that maybe it was generating from some spot outside of the where you had the wells. Astor said no, it is just the generation rate is high from with what we are filling right now, which again, normally when you build a new cell you have a couple years' time before you install wells but in this particular area right now, the generation rate is, which it goes back to moisture, usually any kind of moisture helps with decomposition, so we have had some of the weird rain storms so there is probably a lot of water on that cell and our leachate numbers have been up. That is what is causing that methane. Victoria said I think you said in the spring you are hopeful to drill some more vertical wells? Astor said correct, once we get the cell built and the ground is not frozen. We have already talked to Archae; even though the plant is not up yet, we have been having monthly gas calls with them to look at all of the numbers because they are managing the Well Field right now, and also too, to make sure that they are doing the best to pull out of there. Right now, that is a priority spot. We make it aware to them that we have odors and we need them to pull it out. We are working together to fix that ASAP, and again, the wind defender, we are looking to cap all of that right away and then by spring put those vertical wells in and that should make a huge difference. Victoria said I think I saw that there was a question about the misters or something to try, I don't know what the right word would be, to

cover up the odor, is there a way to add anymore misters in that area or anything to help with the odor from shifting offsite? Astor said we have a portable misting system over there, so with the misting system, the way the weather is right now, we cannot run it because the water will freeze, but we did buy a vapor system which is built for winter and we do have that running and I have asked them to turn it up. We have been using more of the odor neutralizer. So, we are using that as well. Victoria said I thought there was something, I remember last year where you had the traditional misters, but then there was this other thing that could be used year-round. Astor said right, we purchased that, and that is on the fence line above the MSE wall; we have that connected and it is running, all the time, 24-7. Victoria asked is there a potential to get more of that to cover more area? Astor said yeah, we have the money in there for that this year to add more and extend it further. Victoria asked is there a potential timeline that you guys were thinking about getting more of that in place? Astor said I have not talked to Theo yet, but again, for the southeast corner, we have it all around there; really what we had in there was for when we moved to the Northern Realignment. Victoria said okay, but you are keeping at the southeast corner right now? Astor said yes, because that is where the problem is at. Victoria said and the future stuff you are looking to buy is for the Northern Realignment? Astor said correct. Victoria said okay, and asked is there any way to put anymore at the southeast corner? Astor said we can, we did put the money in there to have more so we can look at doing that. Scott said the capping will help control it so you don't have to take care of it after the fact and that is the best option. Victoria said, yes, that's the best choice, the capping. Astor said just even from when I first arrived here, the odor issues that I saw onsite on the other side of the landfill once we did the capping, it eliminated them. Victoria said they went away. Victoria said, I am sorry I just need to remember, the capping timeline right now is what? Astor said we are doing it right now, but obviously not right now today to be clear because of the snow, but once the snow melts, they started and then it snowed so things are paused right now, but all the material is coming onsite and everyone is working on it. Astor said we already have the liner crew lined up. Priscilla said and another storm is coming. Brian said can you clarify for me what you refer to as capping. Astor said basically what we do is they will put like a 60-mil liner over the of the side slopes of the landfill, and the wind defender which I mentioned, is something they put over so that way when the wind blows, it doesn't flop and it doesn't rip or tear or cause other issues. Astor said the wind defender is sort of like what you would see on a tennis court on the side fences but it goes over the top of the liner to weigh it down.

Donna Louder from audience said since we are talking about the gas construction, may I speak? Donna said it sounds to me like this is all a band aid. I know that there was talk about the gas construction company that was coming in, am I correct by saying it was the BP company? Astor said it is now. Donna asked where do they stand with coming in to make sure that this problem gets eliminated instead of constant band aids? Astor said the temp cap is not really a band aid; that is part of the fix. They are supposed to be online in February, and I did ask them to be here today because I wanted them to talk to everyone here about why they are not online yet, and the two guys ended up with the flu, which is going around. Astor said the last email we received was they are to be online in early February. Donna said so everyone is on board with this and all of the issues have been cleared up with getting them onsite? Astor said from the emails I have, they are supposed to start in February and I cannot speak for them, but from what they are relaying to me, they are supposed to start in February and they are very aware of the issue and the pressure that it needs to be fixed and working with us. Astor said so far, they have been good with the communication and understanding that we have a problem. Donna said I know winter is a challenging time for the landfill, and I also know spring is going to be a challenging time as well, so the sooner the better. Astor said yes. Donna said thank you.

Astor reviewed Commercial Waste Vehicles:

	<u>October</u>	<u>November</u>	<u>December</u>
Total # Trucks	2,520	2,479	2,333
	<u>October</u>	<u>November</u>	<u>December</u>
Overweight	74	75	76
Warnings	59	66	56

Suspensions 15 9 20

Astor said I didn't put it in here but for people parking on the ramp coming off or coming early, we gave out 21 warnings and 6 suspensions as we are trying to police that as well. Priscilla asked so your policy that was in place when she was here a couple years ago is still in place? Astor said correct. Priscilla said I appreciate that. Astor said we are trying to make more of an effort in policing it and making sure we are catching the guys when they come off. Priscilla said it is unfortunate we still see the high numbers, but you are trying. Brian asked what is a warning and what is a suspension? Astor said a warning, is just that. Their name ends up on a list and then after the second warning, they get one-day suspension. If they come in, and it is their first overweight, but they are 3% over, it is an automatic 3-day suspension. Priscilla said and it's the driver, not the company? Astor said it is the driver, truck and trailer. Donna asked where are they coming from? Astor said mostly the transfer stations, and that is a high part of it, and that's all of them; it's ours, East Penn's. Victoria asked is it possible for you to keep track of the transfer station they are coming from and I only ask this question because maybe in the future one of the things we can try to do is send letters to the transfer stations and indicate that we have this data that the people coming from this transfer station seem to be, and if there is a trend because I don't even know if there is and I am not insinuating that, I am just trying to figure out some creative ways we can try to help decrease that. Victoria asked is this an option or would you have to look into this? Astor said we do know where the waste is coming from so we do have the names of the transfer stations and the names of the companies too that generally haul for. There are different ways that people go about it. I know too that we also own Brad's Landfill and up there, we have similar rules but then we also send a list to the Township and the Township themselves actually fine the drivers. Priscilla said we do have a list somewhere; I do remember seeing but I don't know how often we get it, but they do compile a list. Astor said I think it is once a month, at the end of the month, we send it out and I believe you are cc'd on it. Priscilla said okay so we will be getting that. Astor said I know Blythe Township will send out fines to those drivers from the Township up near Pottsville. Priscilla said so they send out fines? Astor said yes, to the drivers. Priscilla said I wonder how they did that? Astor said that was in place. We send them the list, and then they actually fine them for coming in overweight. Priscilla said we are not doing that so that might be something to look into. Astor said that is something that Township takes care of and they send those fines out. Priscilla said thank you for that. Victoria said just one other question. Is there any potential or thought to develop a different kind of penalty system like you have the 3-day suspension, is there any other thought to a different one that might be more of a deterrent than if the 3-day suspension? Astor said I would say for the most of our regular customers that come in, if they do have one, it is usually just the one. There are times when they come in, or maybe even, when did it snow last, Tuesday? At some point we close early because nobody was coming in so that trailer gets parked, and then it gets snow on it, and then they come in the next day and they are overweight and they still get warned or suspended. Sometimes, it is out of, not out of their control, but it is weather-related. He said a lot of the overweights a lot of time come from event jobs where we actually share the rules, the books and rules we hand out, but then they get new drivers that come in and they are new and then overweight. We just had this happen last week, we had a new customer, and every truck that came in was overweight and we had to suspend them right when they started the job because they were that overweight. A lot them are new ones, and they learn. Victoria asked if they had a lot education that goes on with them? Astor said yes. Priscilla said doesn't DEP come in and look at your books too, and sometimes they will pull people out and write them up? Astor said yeah it has been a while, but I do believe they came out during the summer. Astor said I have talked to people about that before to try to get them out more. I know, again at other sites they go there more frequently, but very few times I have seen the state come out. Priscilla asked so it would be the state, not DEP? Astor said it is usually the State Police that come out. Victoria asked as far as the amount of the fine, you told me this once before and I forget, I apologize. Who sets the rate of the fine? Astor said the township. Victoria said the township sets the rate? Astor said yes, for Blythe Township, it's their fine system they have. Victoria said oh, I am talking your, where you give them a warning, or that's just a suspension where they can't come. I thought there was a separate fine. Astor said we don't have a fine system. A lot of these guys, that's their job is to come in so if they are suspended, they are not working and it's a hit to their wallet also. Victoria said I think you said it's usually not that they have someone coming multiple times, the same person? Astor said it is rare; I am sure

it happens. Especially the guys who get three days, because again, those three days, they are not working and usually when that happens, they beg me to come back in but we stick to it. He said when the drivers come back then, they follow the rule which is also why we started suspending both the truck and trailer because they would have guys that would try to swap, so we just suspend the whole unit. Victoria said thank you, I appreciate that and thank you for the information on Blythe.

Operation to the LFG flare is the main gas collection system that the Bethlehem Landfill continues to use.

Flare Operations and Gas Collection

October Average Flare Flow – 3,458 SCFM, which is standard cubic foot per minute. For shut downs, we had, which is SSM stands for startup and shut down.

10-31-2023 – 1:12 p.m. to 4:12 p.m. the flare manually shut down for condensate sump maintenance.

Total Down Time of Flare for October: 3 hours out of 744 run time hours

November Average Flare Flow – 3,280 SCFM

11-14-2023 – 9:25 a.m. to 10:25 a.m. the flare was down for PLC (Programmable Logic Control) troubleshooting and maintenance, which is the computer that runs the flare.

11-28-2023 - 1:09 p.m. to 2:39 p.m. the flare was manually shutdown for landfill gas line construction.

Total Down Time of Flare for November: 2 hours and 39 minutes out of 724 run time hours

December Average Flare Flow – 3,393 SCFM.

12-13-2023 – 8:17 a.m. to 10:40 a.m. the flare was manually shutdown for flare arrestor cleaning and replacement.

Total Down Time of Flare for December: 2 hours and 33 minutes out of 744 run time hours

North Slope Road: During Q4, no repairs were needed. The swale was not in need of repairs.

The abatement system continues to operate and discharge to the City of Bethlehem Waste Water Treatment Plan.

For the leachate collection, the Leachate Management Chamber has an increase flow this quarter due to the construction to the north of the LMC 7 drainage area.

Victoria said do you have an update on the forever chemicals testing? Astor said yeah, Marianne actually had a response on this. Maryanne Garber said we have a pilot program and it is in its very early stages and we are in the process of compiling data. There is really nothing more to report. It is purely voluntary; the company is taking very proactive approach with respect to address the perfluorinated alkylated substances (PFAS) situation. Victoria asked would you be open to sharing the data with the Township? Maryanne said not at this point; we are in the very early stages of the program. We don't have a robust data set. Victoria said okay, are they collecting water at this time? Marianne said the pilot program, as far as I know, is up and running but I don't have an up-to-date, as far as today or this week or even since the beginning of the year where they are with respect to the program. Astor said to clarify, we did the pilot and they had their test before and after, so right now it is being constructed so there is no water running through it right now because the plant itself is being constructed at the old BRE facility, just to clarify what Marianne was saying. Also, too with that facility, we had to submit a minor mod to the state, to the DEP, so we are waiting for that back from them as well before that can actually get up and start running proper. Victoria said okay, I am trying to picture the engineering of what it looks like and how it works. So, the water comes into it and you are testing that and then the water is coming out and testing that to see if there is a difference? Astor said correct, when we did the pilot, that is what we did – you test it before and test it after. Victoria said, they are still in that testing phase or they are constructing it now? Astor said we did that before and it worked in the pilot the way that they said it would so now we are building a full-blown facility. Victoria said okay, can I ask if they must have found PFAS if they are constructing? Maryanne said we have data from the pilot program; we are not providing the results of the data from the pilot program; we are constructing the process, we are getting the approval from DEP, the system will then get up and running, and the results from that

system will be reported. Victoria said once it is constructed? Maryanne replied yes, and I do not know what the timeframe isDEP in terms of providing that data. Again, we are in the very early stages of this, so we are compiling the information. Victoria said okay, thank you. Priscilla asked Astor, these leachate management chambers, if we are looking LMC 7, if I am looking at the box that your landfill is, can you kind of show me about where that would be? Astor said LMC7, if I remember, it would be on the south, not all the way east side, but southeastern side. Priscilla said draw a box. Priscilla said so that would be the 7 right, and then it has an increase of flow due to the construction of the north, so what does that mean? Astor said there is construction in preparation for the northern realignment. It opened up so they secreted an avenue for more water to get into that. Priscilla said I understand, and the next page, leachate management, where...Astor drew a diagram showing Priscilla 7, 8, 9 which is at the slope next to where the tank is at, and 10 is where all the leachate flows out to the WWTP. He said as it comes down, it funnels to one spot and leaves through LMC10.

Astor reviewed Radiation Monitoring:

There were five radioactive loads from October to December 2023. October 23rd, the load was identified as Gallium-67 and the load was disposed of onsite. On October 23rd, a load was identified as Iodine-131 and the load was disposed of onsite. On December 4th, a load was identified as Iodine-131 and disposed of onsite. On December 8th, a load was identified as Technetium-99m and the load was disposed of onsite. On December 23rd, a load was identified as Technetium-99m and disposed of onsite. All the loads were reported to PADEP. Priscilla said there are a lot of residents and people that asked me questions about why are we accepting these, and it would be nice for you to just explain that it's, the incoming, and the regulations that control that. Would you please state that for the record please? Astor said basically the way they have it set up is that there are certain radio isotopes that are approved to come in, so they have to have a half life of less than 65 days or less and then being transported with household waste, and most of them, pretty much the whole list is, any medical-type waste – stuff used for different medical procedures that would be coming from somebody who would be happening to go through a procedure. That's basically the rate on that, the half-life has to be 65 days or less, and has to meet that criteria of being a medical treatment type, there is a predetermined list. Victoria asked are you saying shelf life or half-life. Astor said half-life. Victoria said half-life of 65 days, so then the full life of the radio activity would be 130? Scott said it keeps reducing every..... Maryanne added I would recommend that DEP has a guidance document, and I can give you the guidance document number, it's Guidance Document on Radioactivity Monitoring Solid Waste Processing and Disposal Facilities, so this gives all the details. Priscilla said can you email to the manager so he can share it? Marianne said I can give you the document number and the guidance.... Priscilla said, so you won't email it to us? Marianne said well it is on the DEP website and that is where you can get it. Mark, I can you the information after the meeting. Victoria said can you just give us the link? Maryanne said the DEP website is tricky, so let me see what I can do. After this is over, I can go back to your office and we can pull it up. Mark said yes. Victoria said that would be helpful, thank you. Maryanne said sure. Astor said I know when I found it too, I just Googled it for DEP and it came right up. Marianne said pursuant to the regulations, and you will see in this guidance document that the facilities are required to have a radiation action plan, which the site has. Priscilla said I am familiar and wanted to share with everyone. Marianne said this is a good document for people to read to understand what the process is. Priscilla said, so when the load comes, you have to keep it onsite for so many days then? Astor said we go through, and the point of the action plan, it comes in, the alarm sets off, the person on the scale is notified, Cody is notified, and then it is relayed out, someone comes and runs a sample, we see the isotope. It depends on what the isotope is, as long as it is one of these listed, and meets all the criterion, then it is disposed of and we report it to the DEP. If it's not on one of the ones that we are used to seeing that we know is on the list of approved isotopes, then we reach out to the state, our physicist that we use, and the state's and then we work together to figure out what the isotope is and what the situation is. There are options, the trailer itself could either be held onsite depending on the half life of the material, and/or we can go to PennDOT and get an emergency, I forget the actual name of the slip, but they would be given basic permission to go back on the road to wherever they need to go to the correct disposal facility. Priscilla said this is important information for new people and people that may not be aware

of it, so that is why I appreciate you telling us about it. Astor said that is our procedure and plan. Victoria said the 65-day, the idea is that it would lose its radioactivity after 65 days? Astor said I don't know all the science behind it, and he didn't study that before probably high school, but that would be as it goes down, the radioactivity diminishes over time. Obviously some last longer forever and some are, again with the medical ones they go by quick and that is why they are allowed to dispose of it. Victoria said that is very helpful; thank you.

Astor continued with saying the current waste activities are in the southeastern realignment, 2AB Phase I and II. The odor complaints are on the end page and the LMCs and abatement wells are in the back of the packet. Victoria asked are there any irregularities in the abatement wells, for the demand flows, do you see anything? Astor said no he did not get any alerts from Todd after Q3, and he is working on Q4 now. Priscilla said for the benefit of new people, your leachate demand report, do you want to give a brief explanation of the reports? Astor said Cody generally deals with them but unfortunately, he had an engineering meeting out of town. A bunch of things lined up today, I had a division meeting today I skipped. Astor said these are water levels, and you will see when they the groundwater, they usually do the water level before they sample to just see where it's at and see if it is healthy, if the level is high or low, dry. These reports break that down, the water level, the flow that they are seeing, again we look to see if there is an increase or decrease in flow. Cody would be able to describe this better, but that is the level that I know with these. Victoria said have they found any increase in flow with the heavy rain events we had or is it too soon to show up in these or? Astor said our leachate alone has jumped up from November to December. I believe when he saw it earlier it had about 800K gallons, roughly in November. For leachate in December, we were at 2 million gallons. Victoria said 800k to 2 million. Astor said he saw on the new this was the wettest December in the history of the Lehigh Valley, so I guess it correlates. Victoria asked have you seen an increase in the places that the, I would assume the water would penetrate the open cell; have you seen an increase in any of the closed cells? Astor said not in the ones that are capped, no. LMC7 and LMC8 still have avenues to it to where they are closing, and that's where the LMC7 saw the increase because of where the construction is; it was connected into Phase III which was going into LMC7 which is part of that construction, so when they did that. That would be the only reason why because we open it up as part of the prepping. Victoria said so the capped areas, the flow hasn't increased? Astor said correct because the water is in that cap and the stormwater is going to stay on top. Victoria said that is what I was hoping to hear. Priscilla asked is there any way that you can put a graph together and put these on one page so that we can look and see the three-month comparison. Astor said yes, that is something we can probably do. Priscilla said I think it would be with technology and I think that would be very helpful and that way we can look at it on one page.

Brian asked with the increase in leachate, is there a possibility or how much can you handle going through, does it overwhelm the system, does it overwhelm the treatment plant? Astor said they have mentioned before. When we had the tropical storm, I know they complained then because it was just a deluge, it makes it difficult for them but it doesn't cause any major issues. They have, with the new permit, they have access which is one of the reasons we are refurbishing that tank that is in the front, they have access to use the tank to meter it over because otherwise it just gravity flows over, it comes in and it goes. Brian asked how big are your pipes? Does it overwhelm your system and get backed up? Astor replied no. Brian said, okay, good. Astor said, again, it comes in and then they get more than what they are used to seeing on a normal day, going back to the metering it over. Victoria said so is your intent to then use that leachate storage area for heavy rain events? Astor replied all the time. Victoria said all time, okay. Astor said as it is being constructed, the leachate will go there first and then get metered out through there. Victoria said okay, I sort of remember there was one constructed but we weren't using it. Astor said it's a backup plan. Victoria said but now you are going to put stuff in there? Astor replied yes, the WWTP has asked us to use to be able to meter it over so they get a steady flow all the time no matter the increase in the storm, because right now it just goes in and goes out. Victoria said okay. Astor continued, when it is dry, it is a just a normal flow but then if we do get a big storm, it, rushes. Victoria asked do you know the status of, if I can remember the terminology for it, the permit from the City of Bethlehem on....I think it was due in August and I think the City said they were negotiating with you, but the old permit was standing as active until they continue that

negotiation. Astor said it is his understanding, last Cody talked to them and touched base with them, they were still working on issuing it. Maryanne said there is no negotiation, they filed for the permit renewal, and I don't want to put words in their mouth, but I think with this whole issue of PFAS that they are looking to perhaps to, as they are getting permit renewals for any of their industrial waste dischargers, they might be thinking about a new program which they would have to implement across all of their permittees. Maryann said what they have told us, is that our permit is still in place, that we are operating under that permit, and I suspect that now with the beginning of 2024 that they will probably start issuing all of the permit renewals and we may see some changes in some of the parameters that we need to comply with; I don't know, but there is no negotiation, there are no issues associated with it, that is what the communication from them has been to us. Victoria said thank you, you said Industrial Waste Permit, so that is the permit the City of Bethlehem had issued to you, it was like a 5-year permit, right? Marianne replied I think they get renewed every five years, and it is for any industrial waste discharge. I think there are over 60 or 70 permits that they issue, yes. Victoria said yes, I think they have 59 or something. Victoria said so your guys are still operating under the last issued permit until they issue you the new one? Marianne replied correct. Victoria said and you are still waiting on whatever standards that they implement for the new one. Marianne replied correct. Victoria said okay, thank you. I think that is good.

Priscilla said okay, we got these charts. Astor said these are the flows on the last couple pages, those are the flows from the different cells as they come through. Priscilla said what I remember is there was a high number and I can't remember what that number was, if that number was a certain amount there was an issue. Astor said off the top of my head, that is Cody's wheelhouse so....Priscilla said okay. Astor said Cody is the one that puts all of these together and understands all of that stuff. Priscilla asked Scott do you remember, on the charts, what the numbers were? Scott said I don't think there is a specific number of being a critical number, it was just the fact it was elevated more than the others. Priscilla said I don't know if I want to say 500, I don't remember. (*many people speaking at once*). Scott said yes, there was no critical mass type of thing that it was over 10,000. Astor said it was more of a change, and to Donna's point, yeah it is the Surface Emission Monitoring, 500 PPM is the....Priscilla said I kind of remembering drawing circles on these charts, but anyway, the next quarter Cody should be here so.....Astor said yes, he should be here. Priscilla asked so basically what are these showing us? Astor said you have your primary and then secondary. Secondary is from the liner, it is my understanding, again, Cody is usually the one that talks to these. There is all the pump houses that we have. Phase 4, LMC 6, 7, 8. Priscilla said now the odor complaint log, I think we just got a new one, does it include this? Astor said no, we had already put this together by the time they sent the one with January's information on it. Priscilla said so this is 20.....Astor said this is the whole year of 2023 up to 12/26. Priscilla said I know for the month of January; we did get a lot of complaints. I think the area is widening. We are now getting people from 1-78, 33, different areas of the township complaining. Astor said yes, and for me, just my personal experience, that is what sparked just telling the company that I needed to cap that corner. Priscilla said that corner, okay. Priscilla said we are hoping that is going to work. Scott added that is where it is coming from; it is blatantly obvious. Priscilla said and depending on how the wind is blowing. Scott said that's the point of origination is there. Astor said if you are onsite, and you go there; that's it.

Priscilla asked are we going to talk about the storm that happened or is that....with the waterfall on Riverside Drive. Are we going to talk about any of that? Scott said we can. Astor and I went down and saw where the video was taken, and that is coming down from below the MSE wall that is just to the west of the maintenance garage, so that flow is heading down there. There's very landfill area, of active area, next to nothing that actually flows down that way. Priscilla said from above? Scott said, from above, in fact pre the MSE wall, we ran some quick calculations; there is about 11 acres, when they built the MSE wall, 11 acres of stormwater that used to flow to the north, now flows to the south. So they have actually decreased what could be down there, and then below that MSE wall is the old City of Bethlehem, what they call wood fill area, which was never to be disturbed. Priscilla said right. Scott said and below that, again, it is just very steep, large drainage area to go to. I don't really see anything....the stormwater that does go down from just north of the MSE wall and the maintenance garage, there is small sediment pond there that it will go through

and then a channel, but that has been there pretty much as long as that wall has been there and the maintenance garage has been there. I don't see anything how the landfill would have contributed is causing a problem that mother nature, that's just....I don't see what the landfill could do to alter that. With some of the new northern realignment also is going to help, there is a lot of that stormwater, where that is going that is going to be heading south. So again, that is a much a bigger area, that is going to be shifting so that will again help, not necessarily at that point, but that other low point where it goes, the railroad tracks are affected sometimes. The water comes out, that will help decrease some of the water that goes down the mountain that way. Priscilla said I always worry about the north road washing out when we get rains like that and then you can't access your wells. Astor said right. Priscilla said you were you said in this report that it is okay. Scott said the north road has been in good shape, the fence was fixed, and the trees were from that other storm – that is all cleaned up and they are all very accessible so that is not a problem. Victoria said just for my benefit, the MSE wall that you are talking about, is there, do you collect runoff from the MSE wall? Astor said yes, there is, where they have the MSE wall, then the slope is above it, the stormwater hits and there is a drain that takes the water around, so that stormwater is collected and taken back to the front to basin 6 or basin 4, and the front of the landfill southside. Victoria said okay, and that was working okay for the, in the areas that you looked at most recent. Scott said yes, all of that water was still all going to the south like it is designed to. Victoria said okay, so the MSE wall and the drainage from the MSE wall was going.... Scott said yes, that is fine. Astor said and for that too, I walked that with Scott, I walked it with Matt Vipond from the DEP and another guy that was there, I don't recall his name, and then I walked it with Matt Glogowski from the DEP, so we have done three separate inspections of it since that video and everybody has come up with pretty much the same. Priscilla said what about the water area by Ringhoffer Road? The drainage area there that washes out? Astor said in the front there, yes, we have fixed that before where it is coming over the wall, so we fixed that again and then after the last storm, it held up from when it was brought to our attention, and even before that last storm, we made sure to go double check to make sure it was still holding up, and it was good. Priscilla said okay. Victoria asked do they still have those boom, the socks, green socks? Astor said yes, silt socks. Victoria asked are they still down there? Astor said I had asked somebody to check, but I might have to check to see if they are still there, the ones that were up by the fence? I feel like when I went by today, I didn't remember seeing them but I can double check and verify. I felt like they were gone when I went by today, but I will double check.

Priscilla asked if anyone else had questions. Brian said I am just curious, reading through some of the investigations from Cody on landfill gas complaints, he noted on a couple of occasions property owners displaying landfill opposition signs, and he sent those in email response to the state. Is that something that should be included in correspondence to the state? Priscilla said I am confused.....Astor said he thinks when he responds to some of them he will say if he sees a sign or maybe....some of those are just our odor patrols and he just has those. Priscilla said I missed that one. Brian said it was from Cody...Astor said he thinks it was from the one he sent back to Matt because it was deep into Hellertown, and it was a random spot, and again that was Cody and I can't answer for Cody. Priscilla said but, First Amendment right is to get a sign in your yard, I can't tell people they can't put signs in their yards. Astor said I don't think anybody told them they couldn't. Priscilla said okay, I am just making note. Brian said he was just noting it back to Matt from the state. Astor said, again, that would be Cody that would have to answer that, that's all.

Donna said I also noticed that on the complaint logs, that when the flare was down, there were absolutely no complaints, there was one and it was actually onsite on Applebutter Road, a drive by. Priscilla said you need to talk into the microphone for the record. Donna asked do you want me to say it all over again? Priscilla said yes, please. Donna said looking at the complaint logs, I have checked the dates that the flare was offline, and there was only one complaint and it was made as a drive by on Applebutter Rd., so that was a positive. And I would like to say that the operational standards of this landfill have improved immensely, and I have said it before, and I will say it every time; I appreciate. Astor said thanks Donna. Victoria said I think we all do Donna. Priscilla asked does anyone else have anything to add.

Jason Banonis said good afternoon. I was looking at some of the documents that became available to me and DEP provided January 27, 2024, for a December 2023 meeting that took place at the landfill and they noted at that time that all emission levels were below the 500 PPM action limits. They also noted at that time that all flows went directly to the Bethlehem WWTP and that there were zero trucks that had tripped the radiation monitoring system. I also have the DEP inspection report, this is December 13, 2023, and it looks like DEP investigated 93 separate items or categories and they found no violations. Those categories fall under the following topics, General Provisions, Daily Operations, Covers, Slopes, Vegetation, Water Quality Protection, Liner Systems, Leachate Treatment, Water Quality Monitoring, Minerals and Gas, Recordkeeping and Reporting, Emergency Procedures, Recycling, Special Handling, Residual Waste, and among all of those 93 categories, there were no violations that were found. Now, I don't know Matthew Vipond, he's the DEP inspector, but I have seen his name on many of these reports, and I believe he has been inspecting the landfill for quite a while and I certainly don't pretend to be smarter or know more than a DEP inspector but in my view of this, it seems like the landfill is very well run and the fact that there are no violations that were noted suggests that a lot of the comments that were made here, really don't have much merit. Certainly, if a DEP inspector who is trained to address these issues is not finding problems, it is not for those who do not possess the requisite level of technical skills or expertise to draw these things into question. I did note that in his report, in all fairness, that there was a finding of slight, moderate odor, and the inspector did enter the property at that time, and it was determined that the flare was not running at the time because it was being serviced, and I am assuming that that flare was put back online promptly and it continues to operate, is that fair? Astor said correct. Jason said thank you for what you do.

Tom asked if the Municipal Waste Inspection Report going to be part of the record for this meeting that Jason referenced? Because it really does have some great things such as operator complies with air quality plan approval, air quality operating permit, no violation. Operator performs regular frequent and comprehensive site inspections to reduce potential from offsite odors, no violation. Somebody was mentioning the radioactive material, and someone mentioned the coverage, uniform cover of the approved daily cover material is placed on exposed solid waste at the end of each working day or at the end of the 24 hours, whichever interval is less, no violation. I think this should be part of the record for the meeting. Do you want me to read it in? Priscilla said you just did. Tom said I can read it all; it's 10 pages. Victoria said I can just say I actually thought it would be helpful, in just preparing for the meeting, since we are doing them quarterly, that we have all of the HEA reports that come in before the meeting, and all of the DEP reports just made part of the packet, so then they would be part of the record, and I think they should be part of the record, it's fine. They are part of our Township record anyway, but I agree that we should have them, because I like to go through them, actually when Mr. Banonis was going through that report, I was trying to pull it up, but I realized it wasn't worth it because it would take me too long to find where I have it stored, so thank you. Tom said I wanted to make it part of record for this meeting and then whatever you want to do in the future, I agree with what you just said Victoria, that it should all be part of the record for the meeting. Donna said it appears that all the recent reports are on the Township website that the Township has the availability to.....Priscilla said yes, they are. Mark said yes, we have them on the website, but we can make a packet moving forward. Priscilla said it would be helpful for the committee.

Mr. Bob Blasko said the so-called expertise of the DEP in this matter, because there were no complaints, you are trying to imply I guess that, or that there were no violations rather I guess you said. Tom said I am not implying; the DEP says there are no violations in this.....Bob said you didn't let me finish Tom as usual. Tom said well you are looking at me and asking a question. Priscilla said wait a minute Tom, you are out of line, you can't talk, he has the floor. Bob said it seem to me that you are implying that because there were no violations, that there should be no complaints. Tom said I am stating there are no violations, he asked me a question. Bob said on the way home last night, I didn't ask you a question; I made a statement. Priscilla said address the chair, and Tom said I'll answer a question. Bob said on the way home last night, we smelled it down on Riverside. Sunday evening down on Riverside. Yesterday afternoon down on Riverside. A week or so ago, and I called it in it was so bad at our house, and when you when up on Applebutter on the way home, it was so bad that it actually burned your eyes. Priscilla asked what day was that, do you remember? Bob said

the day we were going home from a meeting here, but I forget what day it was. Priscilla said it wasn't last night, was it the 11th when we had our budget meeting? Bob said no, it wasn't, it was a couple weeks ago and we called it in. Tom said can I ask you a question. Bob said no. Tom said okay. Bob said and I find it awfully interesting that if there is no reason for a complaint that personal citizens in this Township are willing to invest their own money to fight this landfill in the court of law in the court in Northampton County. Tom said there are 11 residents here out of 11,000. Priscilla said excuse me, you are out of line. You are not being recognized. Tom said and I find it interesting that in subzero temperature, Mr....is driving around with his windows down to smell the landfill. I find that unbelievable and perhaps a lie. Priscilla said I would like to say that I misstated, I am not the chair, I am the co-liaison with Victoria running this meeting. I just wanted that to be, so it is not misunderstood. Priscilla said and you are back again? Jason said, I am and thank you for clarifying what your role is; I was going to point out that you are not the Chair of this committee, you are one of two liaisons from Council to this, and I am not sure what authority this gives you to run this meeting. As I understand it, this is a meeting that is between the Township and community and the landfill, and as such it is my understanding the Township Manager is the one who is supposed to be running this meeting, not a liaison. I see you want to self-appoint yourself in charge of this meeting but I don't believe that is proper, and if you can site to something in the Host Municipal Agreement, a statute or some other agreement with the landfill as to how this is to operate, I would welcome seeing that and I would ask the Township Manger and you to please provide copies of that to me so that I can review it so we don't have to deal with this issue at further landfill committee meetings. Tom said right, until then, I am going to speak. Victoria said if I can just say I think we can run this meeting diplomatically, timely, and wait for one person to speak at a time, come up the podium or speak at a microphone if you have a comment, but if we could respect some level of decorum and not try to speak over somebody. I think if we establish and agree upon, maybe Mr. Carocci, can you agree that if somebody is talking, whether or not they have a question, if you can just let them finish their comment, then you can say kindly, I'd like to answer that question, this is how I am going to answer it, and we can got that way and then we don't get into this how we are running the meeting and why somebody is doing this and insinuate that somebody might have some intent. I think we can just get through the meeting; I thought it was going great, you were commenting, Mr. Banonis was commenting, you were all waiting your turn. Can we just wait for someone to finish talking before somebody else comments? Can you agree with me that we can do that together? Tom asked are you talking to me? Victoria said yeah. Tom said, yeah, I thought I was doing that and I am always kind. Victoria said thank you, I appreciate your agreeing with me that we will try to. Tom said I am a little offended you suggested that I was unkind; I feel I am always kind. Priscilla said I would like to read for the record that according to the latest Host Agreement, 5M, it says Landfill Committee BLC and the Township shall continue to participate in the LST Landfill Committee to monitor and review the operation of the landfill the Landfill Committee shall consist of two BLC representatives, and two residents from the Township. The Landfill Committee shall meet quarterly, and shall have the discretion to set its own meeting schedules and administrative procedure as the Landfill Committee deems necessary. Victoria said I thought Astor sitting in the center of the table, he is on the committee, I think as the representative for the landfill, so Astor, did you have any problem with Priscilla and I asking questions during the process of going through the packet? Astor said no, I didn't have any. Victoria said if they don't have a problem with it, I don't see why we have to make a problem out of it. Ms. Louder....or maybe Astor, would you like to invite the people from the podium. Astor said it doesn't matter to me. Victoria said okay. Priscilla said we were always informal, and I was always comfortable with meetings in the past.

Donna Louder: I served on the Landfill Committee for many years. I've gone on inspections with Hanover Engineering for many years. I've returned back to the Township for the meeting, and the way it was handled was, the engineer from Hanover would conduct the meeting. If there were questions, and clarity needed, the landfill person basically explained their position on it but the word from Hanover Engineer as the hired engineer from the Township basically had the control at the meeting, that is my memory. Secondly, Mr. Blasko, the DEP sets the rules and regulations for our landfill. The rules and regulations are met, the landfill is within its permit limits – period. The unfortunate thing is, this is a landfill. It is the nature of the beast that we will have odors, we will have other things happen, and unfortunately, acts of nature happen at the landfill

which create these issues for us. And again, I am going to say it, since Astor has taken over this landfill, I can honestly say the operational standards are above and beyond. When the others were there, they didn't even respect the residents; I am sorry but this is really close to my heart because it is our homes. So, again, yes, the DEP sets the regulations, but unfortunately, there are things in position, acts of God that, I am sorry the landfill has to handle and they have been handling it in a timely manner. I have had two complaints directly to Astor in December; the 3rd and the 8th I believe it was. And his information back to me was the weather is not cooperating, I am doing the best I can, I know what I have to do and I am getting it done. Those are the only two days I had issues. Mind you, I am on the north end of it right now, but with this new expansion going through, I am going to be looking at it again through my windows. So, I don't expect it to be flawless, but I also don't expect for the standards to be any lower than what they are now. Thank you for listening.

Priscilla asked who ran the meetings last year? Victoria said I think Mr. Banonis ran them. Priscilla said Jason ran the meetings? Victoria said I believe so. Priscilla said, oh, so I am just following suit then. Victoria said yeah, and I don't know that the last Host Agreement was specific as to who ran the meetings, and who didn't. Priscilla said I don't have a problem with Scott running the meetings, I am not here to run, to take power away from anybody, so if Scott wants to run the meetings like it was when Donna said. I was on the committee with you Donna, and Hanover.....Donna added Hanover Engineering ran it; that's the bottom line, and I think to be honest with you, maybe that's where it should go back to because it is a lot of wasted time. Priscilla said right. Donna said to Scott, you are in charge; have at it. Victoria asked Scott if he was comfortable with running the meetings? Scott said he has no problem opening the meeting and I am going to turn over to Astor to go through the report, and then just recognize the committee members first, and then, it's not going to be any different than what is happening now. Priscilla said I know; I ask questions like I am going to whoever is running the meeting. I don't have a problem with that. Astor, you have always been accommodating and you do run a good landfill compared to past operators, I will say that. And I have said that in the past. Astor said right. Priscilla said well then, Scott I guess take over, there are people standing at the podium. Scott said at this point, he will recognize Mark, you have the floor.

Mark Ozimek said I am here to contradict some of your conversations. As far as Hanover Engineer, if I can put this all in order, as far as HEA running the meeting, HEA if it chooses do that, should run it in cooperation and in coordination with the Township. I have also been at two previous meetings where I stated LST needs to take control of the dump, and I don't care if you don't like the idea. I really don't. And Mr. Banonis, as far as being you know a professional whatever was brought up, my nose works pretty well, and ever since the election, and don't ask me why, I am not going to speculate, but the smell at my house up Redington Road to the top of the bridge, I seen you drive up the one day when I was walking the dog. Astor said yes. Mark said it has been pretty bad, and even though before the election it might have had a couple days here and there, as far as maybe two years ago whatever, we never had a smell out there, ever. I have been in my house for 22 years; didn't have issues like we are having today. As far as what generates the smell, I don't know. As far as the trash being covered every day, at the end of the day, I don't know, but I do know that Lower Saucon needs to put together a team of people, one including a cop who is on duty so that when there is an issue with smells and there is a half of dozen calls called in, the committee, or whatever you want to call it, for LST has access to the dump at least before closing to make sure that you guys are doing what your are supposed to by the book. Do you agree with me Astor? Mark said I don't ever see the landfill completely closing. As far as it being a necessity, somewhat it is. Everybody has garbage, it has to go somewhere. The good thing about this meeting is to hear that some of the northern states are going to ship it down to, where did you say? Astor said we are shipping to Alabama. Mark said to where? Astor said Alabama. Mark said send it next to my ex-wife's house. I am not sure, but all I know is it has been worse out at my house, and I had another question for you because I took the picture going home from a township meeting, the movie if you want to call it that of the water coming out of the mountain. That came from me when I was going past the hill climb. The other pictures that I post are from the steakhouse over at 33 and Freemansburg Ave.; every time we go out to eat, I go stand next to the steakhouse and I will take pictures of the dump. What is, it used to have, well it was the dump, but now it has a big hump in it. Astor said yes, it is

a stockpile of clean soil. Mark asked that is your clean soil pile? Astor said yes, we had a couple jobs that came in, and I try not to turn any soil away because after the whole COVID situation, and I couldn't get soil and I ended up getting an NOV because I didn't have any soils so now, I try not to turn it away so now I have a soil stockpile which I have it in that spot because it is close to the working phase and easy to cover it. Mark said that is a good idea, I am glad to see you thinking ahead. I guess that is all but you know as far as my contradicting, as far as the landfill being perfectly operated, I don't know if it is or if it isn't but the smell is an issue and it is an issue by people just driving down I-78. Astor said to comment on the things you said, one when you saw me that morning, I drove that particular time because you had talked to me about that time. That is why I went out that time which I did, and I am pretty sure it was that day, I know, one of those times after you talked to me, I did catch the odor which is why we decided to cap it because to your point also, the whole time since I have been here, which April will be five years, I have never ever smelled the landfill on Redington Road and I caught it. So, immediately from that decision is when I went back and made phone calls to the people above me and told them I needed to cap it. You notifying me, first I can go out and investigate it and see that there was a problem, help me to be able to push the ball forward to get that done so I just wanted to point that out. Yes, you are correct, April will be 5 years, and I have never smelled an odor on Redington over 78, and I have and that is why we are doing what we are doing. Mark said that is good to know. As far as Blasko said with last night going home, it did smell on the hill climb road when I went home, and I went home about 12:30. The meeting went until 12 o'clock last night. As far as the complaint list here where it says Redington Road, I don't know how many are Blasko's or anybody else, but I know I called in several times and if that is the way they list me, then that is the way they list me as Redington Road. Priscilla said they don't put names down, they just put addresses. Mark said I don't see names on here. Astor said they just put the street. Priscilla said DEP won't do that. Mark said I don't care if they do, I complained about it on Applebutter at the storage unit, you knew that was happening for a while. DEP knew that was happening for a while and one of the last conversations I had on the phone with them was that you were going to get hit with a violation if that wasn't cleared up and fixed. Did...there is nobody here from DEP to talk about it either. Astor said no. Mark said no, so you know as far as DEP and HEA having control of it, LST as a whole and itself and with some of the citizens need more control of the landfill to make sure that you guys are going what you are supposed to do.

Astor said just to add to, sorry. Victoria said no, you go, if you want to answer maybe we can, Brian Mauro has a question, I just thought maybe, hopefully, I didn't want to cut you off Mark. Mark I'll shut up; I'm done. Astor said I was going to comment again, we have the hotline, it is on the Township webpage. Priscilla said what? Astor said the hotline is on the Township webpage still. Priscilla said they still have information on where to call, yes. Astor said I have always said it, call the DEP, I am never going to tell anybody not to call the DEP, but again, with the water, if it's a concern, I am pretty sure that hotline at that extension goes directly to my cell phone. You have my cell phone number, let me know so I can look into it. I feel like I am pretty responsive almost all the time, unless I don't get the message. Mark said you have been with me. Astor said I have come out in the middle of the night before, I have come out on the weekends, I can't guarantee 100% response all the time. Things do happen, but for the most part I try to be responsive and if I can't, I will try to send someone else out. But again, that is no deterrent to report anything to the DEP, still call the DEP, but I can't investigate or have my team look into anything if we don't know about it either. Sometimes 2-3 days later is not helpful because now the event is over. Again, I always like to remind everybody if you see something and it is a concern, please reach out. Mark said that is what I should have done as well, when I called DEP, I should have called you or made an attachment phone call where it calls both of you. Astor said right. Mark said but no, I didn't bother calling you and I just reported it to the DEP because the smell is there, it is in the air, what are you going to do, snap your fingers and make it go away, it doesn't work that way. Astor said if it did, I would do it and it would be done already. Mark said make it all smell like the steakhouse and baked potatoes.

Brian said first, I want to say, Astor thanks for all the information you provided, it is very informative for me. I am still new to this committee and looking for some more information, so I have few more questions for you and hopefully I can humor you and make them nice and easy for you, but I am looking for

background information. When smells are investigated, how is that conducted? Is it just by driving around, and doing a sniff test on your own? Is there some sort of machine that measures something? Astor said I don't know if it's unfortunate or fortunate, but yes, it is just old school driving around, you smell it, look at the wind directions, figure out the source. If we determine that it is us, then generally we go back to the site and try to look for an area where we are smelling something similar, which is pretty much how we got led back to the southeastern realignment. Astor said that section, because if you go on site, it is strong there.

Donna asked are you talking about a direct complaint to Astor or a direct complaint to the DEP? Brian said so the DEP, when anybody goes and investigates, I didn't know if there was a machine that somebody measures smell by or what. Donna said I will give you an example of what happened to me back in 2016/2017 when the landfill was not being managed by Astor. I had made an odor complaint and it was horrific. I called the DEP at 10:30 at night, the DEP showed up at my house and were walking my yard, and basically, they said they smelled it a little bit. Now, you have to understand that odors, we are slaves to the wind, is the bottom line. We are slaves to the wind, so when anybody calls in an odor complaint, you better know which way the wind is blowing because you might be saying you smell an odor, and the wind is blowing in an opposite direction. So good luck with that. That is how the DEP handled it for me, and Astor again, he gets the calls and I have seen him in Steel City multiple times. I have seen the DEP in Steel City multiple times, I am walking my dogs a lot.

Scott said just another thing, there is a gas odor, we are smelling that on Applebutter Rd, but then there is waste odor so there are very distinct. Brian said yeah, you can tell the difference. I just didn't know if there was some sort of machine that measures something like that; I had no idea. The other question I had is, how many trucks come in a day and are they supposed to follow a designated route? Astor said, yes, we have a traffic compliance plan. They are supposed to come up I-78, 412, Shimersville Road, up Applebutter. Brian said okay, because I have noticed over the years an increase in traffic over Lower Saucon Road, and kind of concerned about that and I didn't know if you or the state was responsible to say, take the other route. Astor said we try to police that the best we can. I do know there are times where I have seen Chrin trucks go that back way, SES which is on Riverside Drive. Brian said Lower Saucon is a state road. Astor said and even the, we have asked SES, which I know where they are going, to go around but they still sometimes make the left out of there. We do have a lot of guys that haul dirt that come in and they turn left, and we call them and we try to police it the best we can. Brian said I see them full coming past, and obviously we know where they are going. Astor said, right. Brian asked is there someone that would reach out to the state if they see that increase in traffic? Astor said you can call the DEP, you can call me. I have had, I can't remember her name, there was a resident that lived on the corner of Lower Saucon. I think when they were cleaning out the tires over there on Industrial Park Rd., there were trucks that were coming there and they were speeding and she called me, and we dealt with it. I responded back to her and let her know what we did, and to let me know if she continued to have issues, and it did get better. And when she had another one, she called me and we handled it again, and I haven't heard from her since. Priscilla said what we are asking residents in that area, if you see a truck on that route, you should try to get at least the color of the, or the license plate which would be hard to read if they are zooming past your house, but that way then you can call them and they can look on their log to see and match up the color of the trucks and they can figure out who it was then. Astor said yeah, and they usually have a number on the hood somewhere, so if you can catch the number and the color, then we have cameras and we can go back and look. Brian said, yes, a lot of SES. Victoria asked Astor have you considered the idea of putting a sign at the entrance of the landfill, but faced in the direction for trucks exiting that says, "no left turn" or something like that. Astor said we actually have two, and we ordered a bigger one of just the arrow with it crossed out but there is actually a yellow one right when you come out of the gate, and I believe it is actually in both English and Spanish. Then there is one that is smaller, so we ordered a bigger one. Victoria said okay, alright, thank you because I thought that was a good idea. Donna said may I suggest you get yourself a copy of the PADEP, Chapter 25, and read it. It will tell you all the regulations that this gentleman has to follow and all the hoops he has to jump through to make sure that landfill is doing the right thing. Brian said yeah, I don't expect him to go out there and knocking on truckers' doors saying, hey, no left-hand turn. Donna said and it is tractor trailers, it is not a regular routing

trash truck you see come pickup your trash. Brian said, yes, it is the big ones. Donna said because 9 times out of 10, they are going to get jammed up and break the bridge.

Victoria said, Mark maybe one more time. Mark O. said the Chief sitting back here can correct me if I am wrong, but kind of devil's advocate here, Applebutter Road is a state road, correct? Priscilla said yes. Mark said truck drivers pay federal taxes to use our roads, so theoretically, Astor can make a sign and put it outside. As far as the truckers listening to it, it's up to them to listen to it and if they don't, since it's a state road and they pay federal taxes to use our roads, there is really not much can be done about it. Victoria said part of the DEP permit that the landfill has in order to operate, they have to have a specific truck route. So, the enforcement mechanism is because the permit has a truck route specified which only calls for use of Shimersville, and 412 to 78. It isn't really a trucker issue, but I think that is why the landfill was getting involved it because it is a DEP permit, and if they have a problem with that, then eventually, the DEP could nab that issue as something under their permit, to operate. Maryanne Garber said if there are drivers that violate the haul route that is not (unable to hear) Victoria said right, where you can't, no.....Maryanne said just to be clear. We are required to have that haul route, we inform our customers of the haul route, we have the signs posted. Victoria said right, you have to do your....Maryanne said and if there is a rogue driver, that is something that is beyond our control, unfortunately. Mark said I figured, I don't know if I am sticking up for truck drivers or ratting out the garbage dump, however you want to look at it. You are entitled to tell them whatever you want, but I just wanted to kind of point that out because you can't put somebody out in the street tell them no left turn. I guess DEP and the dump has an agreement, and the truckers want to keep going there and working and stay employed, then they should listen to it. Or else you can boot them with the overweight thing. Maryanne said the trucks are permitted, so they have their own permits so if you provide the information of the trucks not using the designated haul route, and that goes to DEP then DEP can go after those drivers directly, presumably, because of their permits. So, provide the information if you see it, let us know and we can get that information to DEP or let DEP know, preferably both. Mark said, good, thank you.

Tom said I would like to speak. Maryanne said, sorry one more thing Astor. If you receive information that a customer is violating the haul route, is that part, do you have the ability to issue a suspension, or a warning? Astor said we do, and we have.

Andy Krasanksy, I lived right across the street and look out the window and see whatever, a big mountain of dirt. It gets higher and higher every day; 675 feet, that is what they want to go up to. Anyhow, I noticed on some of your numbers up there on the overweight trucks that are coming in, and did some math and it is over 33% of the truck coming in and out of there are overweight. That's a lot. Out of 2500 of them, you had, okay it came out to 33%; that's a lot and to me there should be a way of somehow punishing these people for coming in overweight. Number one, you know they are overweight, but nothing gets done about it. The Township is missing out on all kinds of big bucks on that, because of the fact let's say there could be 100K a month in overweight fees they are not getting. It could be more, I don't know. I don't know what they are charging per ton. That is one thing, the other thing is I know you were saying about your designated route, trucks going up and down the road. If anybody wants to know how many there are, I set up a trail cam and I have a lot of pictures, a lot. And I also have a spreadsheet when, going back a couple years, I know the color of the trucks, the drivers – not the drivers, but the truck numbers, I have pictures of all that stuff. Let me know what you want. Victoria asked can you share that with the Township and we can share that with Astor and maybe we can help to try to deal with that. Andy said you put a trail cam up there, I stuck it on the tree, so anything going up and down, took a picture of it. There is a lot of pictures on there; the last time I looked, those sim cards can hold a lot of pictures and there is over 30K pictures on those things. Who wants to look through them all? Andy said that you are going to have a lot of cars, and we also have a lot of, you know there is Berger going up and down the street, there is that Whitetail Disposal, there is Symons, there is Rizz, there is SES, Republic, Chrin, and I could go on and on and name them. And some of these guys ain't doing the speed limit, I can tell you that right now, they are going flying up the road. And that is about if or now, I could think of more but I know the designated route, that has a lot to do with that. And that was part of the thing that was going on back in May, it was on there. And the funny thing about it was you had said that

Landfill Committee Minutes
January 18, 2024

these guys sign a waiver or whatever it is that they will not go up that road, and I saw that name up there and I looked at that and I thought to myself that guy just went up the road two days ago, J & G Cruz, he is another one, yellow and black tractors. Yeah, up the road they go and they come down the hill, there are a bunch of them. That's all I got for now.

Maryanne said I just want to.....and I am no math expert but I just wanted to make sure the record is clear because I don't think the overweights represent 33% of the trucks coming in. Andy said unless my calculator isn't right on my phone. Scott said it is about 3. Maryanne said its about 3%. Tom said 3%, not 33%. Victoria said wait, is it 3% or 33%. Scott said October was 74, and they had a total of 2500 trucks. (*Someone said something inaudible from the audience*)

Anne Marie Crown resident of the Township. I tend in my personal nature to believe in the future, and to be very hopeful about the future, and my hope was lifted in this meeting by the mention of a PFAS Pilot Program. And further enhanced by hearing you say you are building out a facility for this purpose. This is the future. The landfill is here, so I tend to look at the future and what can be done, not only for the rest of my life, but for the generations that follow and I believe that PFAS is the big issue. So, I am very grateful that it is being handled in some way and I would say to you, as someone in the Township, if there is anything I can ever do to volunteer to move that forward, I would do that too. Thank you for something very positive today.

Victoria said thank you, I don't see anybody else, but I would defer to Astor and our Engineer if you would like to end the meeting.

Victoria said oh sorry, go ahead, I didn't realize.

I wanted to do this at the end. Elizabeth Blasko, I am a resident of the Township, and my husband is Bob. I just want to end this meeting with the fact that there was an inference that my husband had lied; he has not lied. He has been very truthful and honest, and I resent the fact that it was even inferred in a meeting and put on the record and I want the record to show that that was false. Thank you. Priscilla said the record will reflect that just like it will reflect that Mr. Banonis ran the meetings last year. Victoria said thank you.

Scott adjourned meeting.



Municipal Waste Landfill Inspection Report

Permit Number	100020	EPA ID Number	----
Facility Name	BETHLEHEM LDFL	Operator Name	BETHLEHEM LDFL CO
Address	2335 APPLEBUTTER RD SR 2012	Address	2335 APPLEBUTTER RD
City/State/Zip	BETHLEHEM PA 18015-6004	City/State/Zip	BETHLEHEM PA 18015-6004
Municipality	Lower Saucon Township	County	Northampton
Responsible Official	Astor Lawson	Title	District Manager
Person Interviewed	Astor Lawson	Title	District Manager
Lead Inspector	MATHEW VIPOND	Telephone #	1
Site ID	255983	Title	SLD WSTE SPCST
PF ID	268729	Client ID	112995
Inspection Start Date	12/13/2023 10:30 AM	SF ID	266826
Inspection Type	RTPT - Routine/Partial Inspection	Inspection End Date	12/13/2023 11:16 AM
Permit Expiration Date	04/17/2033	Inspection Result	Outstanding Violations - No Viols Req'd
		Days/Week Operated	6
		Max. Daily Volume	1800 Tons/Day

Check Lists

Municipal Waste Landfill (0131)			
Status	Requirement	Chapter Citation	Line Item
GENERAL PROVISIONS			
No Violation	Required insurance in effect	271.371	1
	(expiration date) 08/01/2024		1A
No Violation	Operation in accordance with approved plans and permit.	273.201(c)(2)	2
No Violation	Operation within permit boundaries (vertical and horizontal).	273.201(c)(2)	3
No Violation	Disposal Timing and sequence as per Section 273.112(1).	273.201(c)(2)	4
No Violation	No unapproved wastes or liquids.	273.201(d)-(m)	5

- ROUTING**
- Council
 - Manager
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other
 - website

No Violation	Isolation distances are adhered to.	273.202(a)	6
No Violation	Facilities certification requirements followed.	273.203(a), (b)	7
No Violation	Written Department approval of new construction prior to waste disposal.	273.203(c)	8
DAILY OPERATIONS			
No Violation	Proper signs posted.	273.211(a)	9
No Violation	Site perimeter clearly marked and grid coordinate system in use.	273.211(b)-(d)	10
No Violation	Proper barriers installed around site and access controlled when attendant not present.	273.212(a)-(i)	11
No Violation	Access roads maintained and negotiable by collection vehicles.	273.213(a)-(i)	12
No Violation	Approved means of measuring and inspected waste utilized.	273.214(a), (b)	13
No Violation	Adequate equipment on-site and stand-by equipment available.	273.215(a), (b)	14
No Violation	Vehicles directed promptly to unloading area and promptly unloaded.	273.216(a), (b)	15
No Violation	Solid waste spread and compacted as approved by Department as part of permit.	273.216(c)	16
No Violation	Operator implements fugitive air contaminant control/measures and prevents and controls air pollution including no exceeding of ambient air quality standards, no open burning, and minimizing generation of fugitive dust emissions from facility.	273.217(a)	17
No Violation	Operator complies with Air Quality Plan approval and Air quality Operating Permit.	273.217(b)	18
No Violation	Operator does not cause or allow attraction, harborage, or breeding of vector.	273.218(a)	19
No Violation	Operator implements nuisance minimization and control plan.	273.218(b)(1)	20
No Violation	Operator performs regular, frequent, and comprehensive site inspections to reduce potential for offsite odors.	273.218(b)(2)	21

No Violation	Operator promptly addresses and correct problems and deficiencies discovered during inspections.	273.218(b)(3)	22
No Violation	Operator implements nuisance minimization and control plan to minimize and control other conditions harmful to the environment or public health, or which create safety hazards, odors, dirt, noise, unsightliness and other public nuisances.	273.218(c)	23
No Violation	Operator does not receive solid waste at a landfill in excess of the maximum or average daily volume approved in the permit.	273.221(a)	24
No Violation	Operator implements radiation protection action plan.	273.223(a)	25
No Violation	Operator monitors incoming waste in accordance with Department's guidance or in a manner at least as protective of the environment, facility staff and public health and safety.	273.223(b)	26
No Violation	Radiation detector elements shall be as close as practical to wasteload and in appropriate geometry to monitor the waste.	273.223(c)	27
No Violation	Operator has portable radiation monitors capable of determining the dose rate and presence of contamination of a vehicle that has caused an alarm. Upon exceedance of alarm level, a radiological survey of the vehicle is performed.	273.223(d)	28
No Violation	Operator notifies Department immediately and isolates vehicle when radiation dose rates are exceeded.	273.223(e)	29
No Violation	Monitoring equipment is calibrated at frequency specified by manufacturer, but not less than once a year.	273.223(f)	30
No Violation	If radioactive material is detected, vehicle containing material shall not leave facility without written Department approval and an authorized federal Department of Transportation exemption form.	273.223(g)	31
No Violation	Uniform cover of the approved daily cover material is placed on exposed solid waste at the end of each working day or at the end of every 24 hours, whichever interval is less.	273.232(a)	32
No Violation	If intermediate cover requires revegetation, it is established within 30 days.	273.233(e)	33

No Violation	Slopes constructed during daily landfilling and intermediate cover activities may not exceed 50 percent.	273.233(f)	34
No Violation	Operator does not cause or allow waste pollution within or outside the site from operation of the facility.	273.241(a)-(c)	35
Not Applicable	Operator has restored or replaced adversely affected water supply with an alternative source of like quantity and quality.	273.245(a)	36
Not Applicable	Temporary water supply is provided within 48 hours.	273.245(b)	37
Not Applicable	Permanent water supply is provided within 90 days.	273.245(c)	38
No Violation	No waste 15 feet of inside top of the lined perimeter berm.	273.252(e)	39
No Violation	Lined perimeter berm 4 ft. high constructed and maintained along edge of the lined disposal area.	273.252(f)	40
No Violation	Edge of liner clearly marked.	273.252(g)	41
Not Applicable	Alternate leachate recirculation method may be used if approved if one of the liner systems is a composite liner.	273.274(b)	42
No Violation	Underground pipes used to transport leachate to leachate storage impoundments or tanks equipped with secondary containment or comply with 245.445.	273.275(g)	43
Not Applicable	Operator isolates coal seams, coal outcrops and coal refuse from waste deposits to prevent combustion of waste and damage to liner.	273.291(a)	44
Not Applicable	Mine openings within site sealed as approved by Department.	273.291(b)	45
Not Applicable	Operator implements plan for controlling potential damage from subsidence submitted and approved under 273.120.	273.291(c)	46
No Violation	Landfill designed, constructed, maintained and operated to prevent and minimize potential for fire, explosion, or release of solid waste constituents into air, water, or soil of the Commonwealth.	273.301	47

No Violation	Emergency equipment including portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment available. For fire equipment requiring water, facility has a water supply of or adequate quantity and pressure to supply the equipment.	273.302(a)	48
No Violation	Emergency equipment tested and maintained.	273.302(c)	49
No Violation	Adequate space maintained to allow unobstructed movement of emergency personnel and equipment.	273.302(d)	50
No Violation	Litter controlled/collected and barriers/fences in place.	273.220(a)-(c)	51
COVER/SLOPES/REVEGETATION			
No Violation	Daily/intermediate cover meets performance and design requirements.	273.232(b), 273.233(b), (c)	52
No Violation	Minimum 5 day supply of daily and intermediate cover maintained on-site.	273.232(c) & 273.233(d)	53
No Violation	Intermediate cover applied within time limits.	273.233(a)	54
No Violation	Intermediate slopes do not exceed 50%.	273.232(d)	55
No Violation	Cap placed over entire surface of final lift meets performance standards.	273.234(a)(1)	56
Not Determined	Final cover meets performance and design requirements; applied within time limits.	273.234(b)-(e)	57
No Violation	Final slopes stable and erosion controlled.	273.234(f)	58
No Violation	Final slopes graded 3-15% or terraced to 33% as approved.	273.234(g)	59
No Violation	Minimum revegetation and successful revegetation requirements adhered to.	273.235(a)-(e) & 273.236(a), (b)	60
WATER QUALITY PROTECTION			
No Violation	Surface and groundwater treatment facilities properly operated and maintained.	273.241(b)	61
No Violation	Surface water percolation minimized/prevented.	273.242(b)(1) & 273.234(e)(4)	62
No Violation	Soil erosion and sedimentation controls designed and implemented as per approved plans; gullies over nine inches repaired.	273.242(a)-(c)	63

No Violation	Sedimentation ponds and discharge structures designed, constructed, operated, and maintained in accordance with Chapters 273, 102, and 105.	273.243(a)-(g) & 273.244	64
LINER SYSTEM			
No Violation	Liner system designed, constructed, operated, and maintained when required.	273.251(a), (b)	65
No Violation	Edge of liner requirements adhered to (i.e., no waste within 25 feet if adjacent liner, 4 feet high lined berm, to prevent lateral escape of leachate, adequate spacing on inside of berm to collect stormwater and sediment).	273.252(d)	66
No Violation	Leachate detection zone monitored weekly.	273.255(c)	67
No Violation	Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	273.257(a)	68
No Violation	Protective cover meets minimum requirements and at least 18 inches thick.	273.257(b)	69
No Violation	Leachate collection system within protective cover meets minimum requirements.	273.258(a), (b)	70
No Violation	Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.	273.259(a)-(d)	71
No Violation	8 feet of select waste placed over protective cover.	273.260	73
LEACHATE TREATMENT			
No Violation	Leachate collected and handled through Department approved method(s).	273.272(a)-(c)	74
No Violation	Leachate transportation requirements adhered to.	273.273(a)-(c)	75
No Violation	Cessation of site operation if alternate leachate handling not available.	273.273(d)	76
Not Applicable	Leachate treatment system permitted and fully operational at least 3 years before closure.	273.273(e)	77
Not Applicable	Leachate recirculation in accordance with regulations.	273.274(1)-(4)	78
No Violation	Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	273.275(a)-(f)	79

No Violation	Leachate flow rate measured daily; analyzed quarterly.	273.276(a)-(b)	80
No Violation	Department notified when remedial action(s) required.	273.277(1)-(4)	81
WATER QUALITY MONITORING			
No Violation	Approved monitoring system installed and maintained.	273.281(a), (b) & 273.283	82
No Violation	Quarterly and annual monitoring requirements adhered to and results submitted Department within time constraints.	273.284 & 273.285	83
No Violation	Groundwater assessment plan submitted and implement as required.	273.286(a)-(g)	84
No Violation	Groundwater abatement plan submitted and implemented as required.	273.287(a)-(f)	85
RECORDKEEPING AND REPORTING			
No Violation	Operational records maintained, available and submitted as required.	273.288 & 273.311-273.313	86
No Violation	Daily Operational Records kept in accordance with regulations for the life of the facility bond or longer if necessary.	273.311(d)	87
No Violation	Operator submits quarterly operation report.	273.312	88
No Violation	Operator submits annual operation report with fee.	273.313	89
MINERALS AND GAS			
No Violation	Gas venting and monitoring in accordance with approved plans.	273.292(a)-(d)	90
No Violation	Combustible gas levels not exceeded.	273.292(e)	91
No Violation	Forced gas venting if required.	273.292(f)	92
No Violation	Gas recovery conducted as per approved plan and §273.293, including annual analysis.	273.293(a), (b)	93
EMERGENCY PROCEDURES			
No Violation	Contingency plan implemented if there is an emergency.	273.303(a)-(c)	94
RECYCLING			

No Violation	Operator shall salvage and recycle waste in accord with recycling plan. (273.196)	273.331(a)	95
No Violation	Salvaging and recycling controlled by operator and prevents interference within operations and prevents health hazardous nuisance.	273.331(b)	96
No Violation	Salvaged materials stored in an approved area or transported offsite.	273.331(c)	97
No Violation	Drop off center established for at least three recyclables.	273.332(a)	98
No Violation	Drop off center properly located, contains bins or containers, open at least 8 hours per week and 4 hours during evenings or weekends.	273.332(b), (c)	99
No Violation	Approved public notice of availability of drop off center availability is provided.	273.332(d)	100
No Violation	On or before January 15 each year, operator informs municipality in writing of weight and type of materials recycled previous year.	273.332(e)	101
SPECIAL HANDLING AND RESIDUAL WASTES			
No Violation	Special handling and residual wastes disposed with prior Department approval, and in accordance with permit and Chapter 273.	273.501	102
No Violation	Infectious waste disposal restrictions adhered to.	273.511(a)-(d)	103
Not Applicable	Chemotherapeutic waste disposal restrictions adhered to.	273.512	104
No Violation	Sewage sludge co-disposal and monofill requirements followed.	273.513	105
No Violation	Sewage sludge sampling requirements adhered to and sludge meets standards for control of pathogens, vectors, and odors.	273.513(c)	106
Not Applicable	Disposal of municipal waste incineration ash in landfill or landfill cell that meets Chapter 273 requirements.	273.514(a)	107
Not Applicable	Ash residue disposal in dedicated landfill or landfill cell unless co-disposal in accordance with Chapter 273 (including leachability treatment).	273.514(b)	108
Not Applicable	Ash residue covered immediately or as approved by the Department.	273.514(c)	109

BONDING AND INSURANCE			
No Violation	Bond filed with Department.	271.312	110
No Violation	Bond maintained in an amount and with guarantees as required.	271.333(b)	111
	Bond amount \$		111A
	Phased deposit due date		111B
No Violation	Proof of a commercial policy of liability insurances submitted to the Department as specified by 271.374.	271.374	112
	Policy # HDOG47346356		112A
	Insurer (company name) ACE American Insurance Company		112B
	Expiration Date: 08/01/2024		112C

Comments

The Pennsylvania Department of Environmental Protection ("Department") conducted a routine-partial inspection at Bethlehem Landfill. The inspection was in response to an odor patrol initiated by a residential complaint. Representing the Department was Mathew Vipond ("this inspector"). Slight and moderate detections of landfill gas occurred at two different points of the odor patrol (see attached). As a result of findings, this inspector entered the landfill at 1100 hours to determine the source of the odors. This inspector was informed by Astor Lawson that the flare was currently not operating and was being serviced. This inspector asked to be informed when the flare was back in operation. An email sent by the operator at 0336 hours stated that it was back in operation.

Inspection Report Signature Page

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either Violations noted herein, or other violations identified as a result of review of laboratory analyses. This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein. Signature by the persons interviewed does not necessarily imply concurrence with the findings of this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Signatures

Person Interviewed	Unable To Obtain Reason: Sent by email.	Date	--/------
Inspector		Date	01/11/2024

Investigator: M.V. POND

Date: 12-13-23

CASE: BLC

Weather Conditions: 44°F, sunny, winds WNW 10MPH, 54%RH

ODOR PATROL SURVEY

SURVEY LOCATION	TIME	ODOR INTENSITY S = Strong M = Moderate SL = Slight N = None	ODOR DURATION P = Persistent I = Intermittent N = None	ODOR DESCRIPTION EG = Rotten Egg LFG = Landfill Gas G = Garbage S = Sewage D = Dredge O = Other (describe)	COMMENTS & OBSERVATIONS
<u>Riverside Dr.</u>	<u>1029</u>	<u>N</u>			
<u>Lawson Ave</u>	<u>1030</u>	<u>N</u>			
<u>Polaris Ave</u>	<u>1033</u>	<u>N</u>			
<u>Johnston Ave</u>	<u>1034</u>	<u>N</u>			
<u>Adams Ave.</u>	<u>1035</u>	<u>N</u>			
<u>Minnell Ave.</u>	<u>1036</u>	<u>I</u>			
<u>Johnston Ave.</u>	<u>1037</u>	<u>N</u>			
<u>Snyder Ave</u>	<u>1038</u>	<u>N</u>			
<u>Schwab Ave.</u>	<u>1038</u>	<u>N</u>			
<u>Ingwood Ave.</u>	<u>1039</u>	<u>N</u>			
<u>Reverie Dr.</u>	<u>1039</u>	<u>N</u>			
<u>Redington Rd.</u>	<u>1045</u>	<u>N</u>			
<u>Lower Dawson Rd</u>	<u>1048</u>	<u>N</u>			
<u>Applebatter Rd</u>	<u>1050</u>	<u>M</u>	<u>I</u>	<u>LFG</u>	<u>Red Barn to lockers</u>
<u>Kingtoffer Rd</u>	<u>1052</u>	<u>N</u>			
<u>Sherry Hill Rd</u>	<u>1055</u>	<u>SL</u>	<u>I</u>	<u>S</u>	<u>wood smoke at 418/</u>
<u>Applebatter Rd</u>	<u>1058</u>	<u>SL</u>	<u>I</u>	<u>LFG</u>	<u>Swims to Red Barn</u>
<u>Stylin Dr.</u>	<u>1108</u>	<u>N</u>			
<u>Applebatter Rd</u>	<u>SL 1116</u>	<u>SL</u>	<u>I</u>	<u>S</u>	<u>WWTTP</u>
<u>Streamside Rd</u>	<u>1117</u>	<u>N</u>			

2 Facts #: 3658782

Faulch, Amy

From: Astor Lawson <Astor.Lawson@WasteConnections.com>
Sent: Wednesday, December 13, 2023 3:36 PM
To: Vipond, Mathew; Cody White
Cc: Faulch, Amy
Subject: [External] RE: FLARE STATUS

ATTENTION: This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

Mat,

The flare is back up . Shortly after I saw you this morning it came back online. Sorry for the delayed notification.

Astor A. Lawson
District Manager – Bethlehem Landfill Company / B.R.A.D.S Landfill
2335 Applebutter Road / 1061 Burma Rd.
Bethlehem, PA 18015 / St. Clair, PA 17970
Cell (805)471-7948
Office (610)317-3200
Fax (610)626-0600



*No trees were killed in the sending of this message,
but a large number of electrons were terribly inconvenienced.

From: Vipond, Mathew <mvipond@pa.gov>
Sent: Wednesday, December 13, 2023 3:34 PM
To: Cody White <Cody.White@WasteConnections.com>
Cc: Astor Lawson <Astor.Lawson@WasteConnections.com>; Faulch, Amy <afaulch@pa.gov>
Subject: FLARE STATUS

Hi Cody,

Is the flare back up and running?

Thanks,

Mathew Vipond | Solid Waste Specialist
Department of Environmental Protection | Waste Management
Bethlehem District Office
4530 Bath Pike | Bethlehem, PA 18017
Phone: 610.861.2158 | Fax: 610.861.2072
www.depweb.state.pa.us

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