

Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, September 17, 2020, **Via Zoom**
Time: 1:02 p.m.
Location: Lower Saucon Township
Attendance: **Hanover Engineering:** Scott Brown; **Bethlehem Landfill:** Astor Lawson & David Pannucci; **Members:** Hazem Hijaz; Neil Ortwein (*absent*); **Staff Members:** Leslie Huhn; Council **Liaison:** Priscilla deLeon; **Guests:** Andrew Krasnansky & Tom Carocci.

Mr. Pannucci reviewed the monthly tonnages for August:

	<u>June</u>	<u>July</u>	<u>August</u>
MSW	29,224.78	26,830.88	25,883.81
C&D	6,688.18	8,113.21	7,593.21
Residual (Total)	1,760.98	2,256.69	2,083.20
Asbestos	0.00	0.00	0.00
Sewage Sludge	272.40	436.85	652.38
Out of State (Total)	24,757.91 (65%)	23,981.73 (64%)	22,034.47 (61%)
Recycle	13 (85%)	14 (86%)	11 (73%)

Mrs. deLeon asked what is the percentage of the mixture of the sewage sludge as before we weren't take the 90/10. Mr. Pannucci said we are still taking the 90/10, and they are also taking straight sewage sludge. Mrs. deLeon said that would be much wetter. Mr. Pannucci said it would have to meet the acceptance criteria, but yes more or less. Mr. deLeon said when are you taking this new sludge? She'd like to know as there is an increase in odors and she was wondering if that was contributing. Mr. Pannucci said they can check the date they started taking it.

Mr. Pannucci said there were two Form U Submittals, one from Earth First Recycling on September 8, 2020 and Raytheon Technologies Corp. on September 15, 2020. The fourth quarter sampling event is scheduled for November 25 – 27, 2020. There were no correspondence/reports and also there were no inspections from DEP. Host Municipal Inspections were done on September 3 and 17, 2020 with Scott Brown.

Mr. Pannucci said the total number of trucks for August were 2,880 with 77 overweight, 65 warnings and 12 suspensions. The August average flow rate was 3,549 SCFM. Regarding shutdowns and startups, the bigger one was from the storm with the issues of the blower motors, which have now been fixed. The one on August 19th was maintenance of the flare.

Mr. Pannucci said the North Slope Road has been repaired since minor damage was caused from Tropical Storm Isaias. The swale has not needed repairs. The abatement system continues to operate and discharge to the Bethlehem WWTP. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. The transducer in AB-7 was replaced. There is nothing to report on leachate collection.

Mr. Pannucci said they had three radioactive loads for August (I-123 and Tc-99m (2)). These waste streams met level 1 requirements and were disposed of onsite. Waste operations continue in SE-1B. The odor complaint log is attached.

Mrs. deLeon said can you explain to her what you had to repair on the North Slope, what did it look like after the last storm event. Mr. Lawson said basically on the North Slope they repaired the road going down where there was a little bit of erosion with the rocks they have and the sediments were going down. It wasn't anything too treacherous. Mrs. deLeon said what about the rest of the water, did the rest go down the slope onto Riverside Drive. Mr. Lawson said no, it left their site and went the way it was supposed to go. We got 8.5" of rain so some of it went down the road and they drove down to look at it. Mr. Brown said the swale wasn't damaged. During that hurricane, it did overflow and probably went down the access road as there was so much rain, it couldn't go down the swale.

Mrs. deLeon said today Mr. Brown went on the inspection. Mr. Brown said he saw the road repaired during the August 9th inspection.

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Mrs. deLeon said the complaints seen by Waste Connections, it says "see attached". Mr. Pannucci said it's the last page. Mrs. deLeon said for the record, she'd like to report the ones she received. She received one on August 18th at 8:11 p.m., August 19th at 10:11 a.m. and 4:40 p.m., August 26th at 6:45 p.m. and the notes for that day said they were the strongest in a long time; August 30th at 11:06 a.m.; September 1st at 9:38 a.m. and September 12th at 5:04 p.m.; and September 13th at 11:13 a.m. It seems like a lot of odor complaints, how are you addressing that?

Mr. Lawson said no one called them to let them know when these occurred. Weather conditions play a large role and they had the mister run, the gas flare was running. Mr. Pannucci said if they aren't made aware, they can't investigate and see what's going on. The one day they were made aware, they were over in 10 minutes on Johnson Avenue, talked to two residents, and they didn't smell anything and they were doing yard work all day. It makes their job harder if they are not made aware.

Mrs. deLeon said she has made you aware on several occasions. Mr. Lawson said they are not blaming anyone and if they don't know about it, they can't do anything about it. Mr. Pannucci said they can call the landfill directly and not run everything through her. Mrs. deLeon said they are not running everything through her, they are usually calling DEP and they are just copying her on stuff. Mr. Pannucci said they put the number out there, they can call them whenever they have a concern.

Mrs. deLeon said DEP was out there recently and did notice odors which was in a recent report. Mr. Lawson said they said they picked up a slight odor and then they didn't smell anything at the other two residences. It might have been on a weekend.

Mrs. deLeon said her point being it was after the last meeting, which was held on August 13th and this is what this committee is supposed to be meeting on. It's just not sitting here having you quickly going down a list. These are the things that this committee needs to hear and discuss and what actions you are taking. She said this before, we have an understanding, when things happen at your landfill, we are supposed to know about it. She doesn't like reading about it a month from now, eight months from now. That's why we meet. This is not a waste of time. Mr. Pannucci said the report was sent in to Leslie and the Township was copied on it. Mrs. Huhn said we brought it up at the August 18th or the September 2nd Council meeting.

Mrs. deLeon said she brought it up under the quarterly reports. Her point being this is a monthly meeting. She asked Mr. Hijazi isn't this a meeting where they are supposed to tell us what happened in the last month since our last meeting. Mr. Hijazi said yes. He thinks that specific incident with the DEP, he got a copy of it too, so he presumes it went to the Landfill Committee and we were notified. Mrs. deLeon said absolutely, she's not saying we weren't. This is the opportunity to read it into the landfill minutes. Six months from now, someone will say where's that letter.

Mr. Hijazi said he noticed there are several complaints, has anything in the operation changed? Mr. Lawson said not that he can think of. A lot of the odors come down to the weather, the humidity and barometric pressure. Operationally, they are fixing some things, the working face is a decent size, and they are doing their best to have it covered, so it's tough and it's not anything that's being neglected. They are always working on trying to improve their daily operations to avoid odors. Odor is not something he's happy with, the residents aren't happy about it so they are definitely working to make that improvement.

Mr. Hijazi said is the mister still in operation and working. Mr. Lawson said they have it running on the side where they are building the cell and by the residential area, so they are focusing on that side of the landfill.

Mrs. deLeon said on page 12 of the information we have today, which starts in January, when you look at August 14th, that's half the chart.

Mrs. deLeon said wasn't there something with the high methane in the swale and you were supposed to do some kind of plan. Mr. Lawson said they have a corrective action plan they are going thru. Mrs. deLeon said who does the agenda with the bullet points. Mr. Pannucci said he can add a note to it.

Mrs. deLeon said did we see the mitigation plan or is it in the works. Mr. Pannucci said he's not sure if the Township has it. Mrs. deLeon said why wouldn't we have it if it's in the works. Act 101 says we are supposed to be receiving all correspondences with DEP. We're not getting them. Mr. Lawson said they will make sure the Township gets it. Mrs. deLeon said what else aren't we getting. How do we ask questions and ask what's going on up there if we don't get everything. Let's do a better job. We have this committee meeting for a reason and she'd like that mitigation report sent to our consultants or to Leslie and she can do with it what she wants.

Mr. Carocci said yes, it should be Leslie's call or you can bring it to the full Council and they can vote to hire a consultant to look at something specific you want. As far as reviewing a report, that should be Leslie's call. Mrs. deLeon said we shouldn't be asking for it. Mr. Carocci said he agrees with her on that. It should have been sent to us. Mr. Pannucci said they will send it. Mr. Lawson said he knows Martin and Martin already have the Township copied on the emails that go out, and they'll make sure SCS does that also. SCS reports their gas stuff on behalf of DEP.

Mr. Brown asked if there was any update on when the capping is going to start. Mr. Pannucci said he knows there's a crew finishing up another landfill and they will have a conversation next week about scheduling it.

Mrs. deLeon said have you submitted your expansion plans to DEP yet? Mr. Pannucci said no.

Mr. Hijazi said the total waste has been down, is this anything to foresee as it continues to go down. Mr. Lawson said they are trying to save space for the completion of the cell. When they started the construction, they were hoping for initially an end date and they had delays due to the COVID-19 situation and now they are pushed on it until November and lowering tons to save space.

Mrs. deLeon said is the BRE plant still under litigation. Mr. Pannucci said that's correct. Mrs. deLeon said then we can't start up the other one. Mr. Pannucci said they haven't even started construction and that will take a year to build until they get through the legal battle.

Mrs. deLeon said is the flare operating much better. Mr. Pannucci said yes, it's normal. Mrs. deLeon said are there plans to construct another second flare. Mr. Pannucci said if the gas flows indicate they need another one, they plan to do so. Mrs. deLeon said if it gets closer to the upper 90's, you'd have to do something. Mr. Pannucci said they are keeping an eye on it. Mr. Hijazi said what percentage capacity are we at right now? Mr. Pannucci said the average last month was 3,500. The flare can do 4,000 SCFM at 50% methane. It depends on the methane percentage. Mr. Hijazi said you are at 88% right now.

Mr. Brown said he did the drive by and there were no odors along the road or at the working face. The working face is very small, so that should help eliminate any odors. He drove through Steel City and didn't smell any odors. Mrs. deLeon said if you guys want to write something, she can share it on the Steel City Facebook page to the residents saying we would appreciate after you call it into DEP, you call it into the landfill.

Mrs. deLeon asked Mr. Krasnansky if he has been smelling any odors. Mr. Krasnansky said on occasion. Mrs. deLeon said are you following up with DEP then. Mr. Krasnansky said yes. Mrs. deLeon said what about the trucks you had issues with. Mr. Krasnansky said they slowed up quite a bit, but they changed carriers so it's hard to get the markings off of them because they are on the front of the dump body. You can't read them when they are doing 40 MPH.

Mrs. deLeon said weren't the police supposed to look into that to monitor. Mrs. Huhn said they've been in contact with the landfill and set up some inspections and having some officers there. Mr. Lawson said they came out about three or four days and in October they are supposed to come out two or three times.

Mrs. deLeon said has Air Quality been out there. Mr. Pannucci said no. Mr. Lawson said they are in the process of setting up a date with engineering, as they haven't been out in a while.

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Mr. Krasnansky said what happens with the overweight trucks, do they get fined? Mr. Lawson said he wishes they would, that's why they are working with the PD. The landfill doesn't fine them, the best they can do is suspend them and kick them out. Once they come in overweight, they can't send them back out on the road. They let the carriers know but the more help we can get with PennDOT and the local police, the better it is. Mr. Krasnansky said the fines are a lot.

Mrs. deLeon said can we get a log of when the police are doing this stuff. Mrs. Huhn said she'll talk to him. Mr. Krasnansky said he knows Hellertown has one of those units to stop waste trucks. Mrs. deLeon said ask the Chief to give a report from the beginning of the year. Mrs. Huhn said this just started. Mrs. deLeon said over the years they've been talking to the police and she thought they were doing it randomly. Mrs. Huhn said they do, she'll check with them.

Mr. Lawson said part of his frustration is, he would like to see them do the trash trucks more and not focus on the warehouses. It would help them doing the transfer trucks, something he's been asking for.

Mrs. deLeon said the problem in the past has been on Applebutter Road, half is the City of Bethlehem, half is the Township and that's an impediment to doing these things. Mrs. Huhn said we can only stop what's in the Township. Mrs. deLeon said the ones going past Andy's house, it's all LST. Mr. Krasnansky said they wouldn't have anything in them anyway. They don't come down the hill.

The meeting ended at 1:32 p.m. The next meeting is on Thursday, October 15, 2020 at 6:00 p.m.

**Bethlehem Landfill Company
LST Committee Meeting Notes August 2020
September 17, 2020**

Agenda Items

I. Waste Activities

Monthly Tonnages

	June	July	August
MSW	29,224.78	26,830.88	25,883.81
C&D	6,688.18	8,113.21	7,593.31
Residual (Total)	1,760.98	2,256.69	2,083.30
Asbestos	0.00	0.00	0.00
Sewage Sludge	272.40	436.85	652.38
Out of state (Total)	24,757.91 (65%)	23,981.73 (64%)	22,034.47 (61%)
Recycle	13 (85%)	14 (86%)	11 (73%)

<u>Form U Submittals</u>	<u>Waste</u>	<u>Approval Date</u>
Earth First Recycling, LLC	Waste Tires (510)	9/8/20
Raytheon Technologies Corp.	Tree Stumps (999)	9/15/20

II. Annual Groundwater Trend Analysis

Fourth quarter sampling event is scheduled for 11/25/20 – 11/27/20.

III. Correspondence / Reports

None

IV. Landfill Operations

Department of Environmental Protection Inspections

None

Host Municipal Inspection

9/3/20 S. Brown
9/17/20 S. Brown

Commercial Waste Vehicles

Total #Trucks June July August

3,070 3,021 2,880

Overweight June July August

71 81 77

Warnings 58 41 65

Suspensions 13 39 12

June - TT=63, RL=5, RO=1, DT=2 July - TT=68, RL=8, RO=2, SL=1, DT=2 August - TT=57, RL=13, RO=1, FL=4, DT=2

FL = front loader, RO = rolloff, TT=tractor trailer, RL = rear loader, SL = side loader, DT = triaxial dump

Flare Operations and Gas Collection

The LFG flare is the main GCCS. Bethlehem Landfill continues to communicate with SCS Field Services with any routine or non-routine maintenance to maximize LFG production and minimize odors.

August Average Flare Flow = 3,549 SCFM

See times for flare shutdowns. Do not have Plant SSM forms yet

Beginning of event shutdown Flare Date: 8/5/20 Time: 01:16
End of event startup Date: 8/5/20 Time: 12:18 Duration: 11:02min

Beginning of event shutdown Flare Date: 8/19/20 Time: 08:12
End of event startup Date: 8/19/20 Time: 14:26 Duration: 06:14min

Beginning of event shutdown Flare Date: 8/27/20 Time: 09:55
End of event startup Date: 8/27/20 Time: 09:59 Duration: 00:04min

Documentation is on file.

North Slope Road has been repaired since minor damage was caused from Tropical Storm Isaias. The swale has not needed repairs.

Abatement System

Abatement system continues to operate and discharge to the Bethlehem WWTP. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. The transducer in AB-7 was replaced.

Leachate collection

Flow rates continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed.

Radiation Monitoring

There were 3 radioactive loads for August (I-123 and Tc-99m (2)). These waste streams met level 1 requirements and were disposed of onsite.

SE Realignment Construction Activities

Waste operations are in SE-1B.

Complaints received by Waste Connections

See attached.

BETHLEHEM LANDFILL
LEACHATE DEMAND REPORT
August 2020

<u>Location</u>	<u>Total gallons</u>
LMC-6	35,572
LMC-7	102,532
LMC-8	153,066
PS-4	117,023
 LMC-10	 2,071,164
 PS-1	 218,804
PS-2	128,801
PS-3	213,485
 Phase-IV	 561,090

Total LMC-10 Flow = LMC-6, 7, 8, Abatement Well System, Phase I and II, SE Realignment (PS-4), and LFG condensate. Phase-IV total from PS-1, PS-2 and PS-3 and LFG condensate.

Total Discharge

LMC-10	2,071,164
Phase IV	561,090
<u>TOTAL</u>	<u>2,632,354 gallons</u>

Total Leachate

Leachate	405,193
Phase IV	562,090
<u>TOTAL</u>	<u>967,283 gallons</u>

LMC-10 Flow – Abatement System Flow = Leachate System Flow (gallons).
 Abatement System Flow = 1,665,971 gallons (Neptune Flow meters)

BETHLEHEM LANDFILL

GROUNDWATER DEMAND REPORT June 2020

Well No.	Water Level (avg. ft SWL*)	Flow (avg. GPM)	(Total gal)
AB-1R	67.5	7.8	346,230
AB-2	46.3	5.0	223,895
AB-3	26.3	1.5	66,546
AB-4	29.1	2.2	99,865
AB-5	41.3	0.5	20,889
AB-6	43.3	0.4	19,955
AB-7	41.1	0.6	28,897
AB-8	3.7	0.0	0
AB-9	40.7	3.4	151,078
AB-10	80.0	15.9	708,616
TW-1	54.4	<0.1	0.0
Total Flow			1,665,971 gallons

*SWL above transducer set point

* Per DEP approval well TW-1 was shut down September 14, 2009.

	TIME (Days)	LIMC-5 (Primary Flows)				LIMC-7 (Primary Flows)				LIMC-9 (Primary Flows)			
		TOTALIZER	GALLONS	FLOW (gpc)	G/AVG	TOTALIZER	GALLON	FLOW (g)	G/AVG	TOTALIZER	GALLON	FLOW (gpc)	G/AVG
9/6/2019	7.00	19366	5,419	774	49	4495205	4215	602	49	7,960,462	10766	1,538	265
9/13/2019	7.00	24485	5,119	731	47	4499487	4282	612	50	7,971,110	10648	1,521	262
9/19/2019	6.00	28441	3,956	659	42	4503238	3751	625	51	7,979,832	8722	1,454	251
9/27/2019	8.00	32103	3,662	458	29	4505413	2175	272	22	7,984,431	4599	575	99
9/30/2019	3.00	35409	3,306	1,102	70	4509388	3975	1,325	109	7,995,900	11469	3,823	659
10/7/2019	7.00	35464	55	8	1	4512708	3320	474	39	8,005,007	9107	1,301	224
10/15/2019	8.00	38403	2,939	367	23	4515616	2908	364	30	8,017,447	12440	1,555	268
10/22/2019	7.00	40137	1,734	248	16	4517331	1715	245	20	8,024,712	7265	1,038	179
10/31/2019	9.00	52875	12,838	1,426	91	4519802	2471	275	23	8,050,591	25879	2,875	496
11/9/2019	9.00	53102	127	14	1	4521292	1490	166	14	8,070,360	19789	2,197	379
11/15/2019	6.00	54054	952	159	10	4522495	1203	201	16	8,087,848	17488	2,915	503
11/18/2019	3.00	54644	590	197	13	4523014	519	173	14	8,091,288	3440	1,147	198
11/26/2019	8.00	54711	67	8	1	4524071	1057	132	11	8,102,133	10845	1,356	234
12/3/2019	7.00	64374	9,663	1,380	88	4525231	1160	166	14	8,135,003	32870	4,696	810
12/13/2019	10.00	70142	5,768	577	37	4526907	1676	168	14	8,165,339	30336	3,034	523
12/18/2019	5.00	75331	5,189	1,038	66	4528047	1140	228	19	8,193,507	28168	5,634	971
12/23/2019	5.00	79449	4,118	824	52	4530718	2671	534	44	8,209,321	15814	3,163	545
12/31/2019	8.00	80508	1,059	132	8	4531027	309	39	3	8,223,899	14578	1,822	314
1/9/2020	9.00	86103	5,595	622	40	4633683	2656	295	24	8,254,367	30468	3,385	584
1/16/2020	7.00	103734	17,631	2,519	160	4635796	2113	302	25	8,272,539	18172	2,596	448
1/20/2020	4.00	105431	1,697	424	27	4637200	1404	351	29	8,283,908	11369	2,842	490
1/31/2020	11.00	113861	8,430	786	49	4640849	3649	332	27	8,313,691	29783	2,708	467
2/7/2020	7.00	117498	3,637	520	33	4643840	2999	428	35	8,332,956	19265	2,752	475
2/14/2020	7.00	121469	3,971	567	36	4652157	8309	1,187	97	8,349,090	16134	2,305	397
2/19/2020	5.00	124541	3,072	614	39	4655094	2937	587	48	8,374,124	25034	5,007	863
2/28/2020	9.00	146708	22,167	2,463	157	4666735	11641	1,299	106	8,381,062	6938	771	133
3/2/2020	3.00	148953	2,245	748	48	4671049	4314	1,438	118	8,385,856	4784	1,598	276
3/13/2020	11.00	149853	900	82	5	4693751	22702	2,064	169	8,392,624	6768	615	106
3/18/2020	5.00	157742	7,889	1,578	100	4698740	4989	998	82	8,400,322	7698	1,540	265
3/26/2020	8.00	159833	2,091	261	17	4606185	7445	931	76	8,413,432	13110	1,639	283
3/31/2020	5.00	163103	3,270	654	42	4611095	4910	982	80	8,422,401	8959	1,794	309
4/7/2020	7.00	167821	4,718	574	43	4617547	6452	922	76	8,434,428	12027	1,718	296
4/17/2020	10.00	172123	4,302	430	27	4624643	7096	710	58	8,449,402	14974	1,497	258
4/20/2020	3.00	175212	3,089	1,030	66	4628910	4267	1,422	117	8,458,653	9251	3,084	532
4/29/2020	9.00	179941	4,729	525	33	4636320	7410	823	67	8,475,463	16810	1,868	322
5/5/2020	6.00	187025	7,084	1,181	75	4641637	5317	886	73	8,487,586	12123	2,021	349
5/13/2020	8.00	192131	5,106	638	41	4648300	6663	833	68	8,503,155	15569	1,946	336
5/21/2020	8.00	195481	3,350	419	27	4650021	1721	215	18	8,514,167	11012	1,377	237
5/26/2020	5.00	199803	4,322	864	55	4658236	8215	1,643	135	8,526,988	12821	2,584	442
6/1/2020	6.00	203314	3,511	585	37	4662646	4410	735	60	8,538,275	11287	1,881	324
6/10/2020	9.00	208623	5,309	590	38	4669228	6582	731	60	8,555,285	17010	1,890	326
6/16/2020	6.00	212240	3,617	603	38	4673648	4420	737	60	8,566,542	11257	1,876	323
6/26/2020	10.00	218278	6,039	604	38	4675709	2061	206	17	8,585,150	18608	1,861	321
6/30/2020	4.00	220787	2,508	627	40	4679046	3337	834	68	8,592,670	7520	1,880	324
7/10/2020	10.00	227475	6,688	669	43	13720	-5E+06	#####	###	8,610,389	17719	1,772	306
7/16/2020	6.00	232249	4,774	796	51	18719	4999	833	68	8,621,690	11301	1,884	325
7/22/2020	6.00	238254	6,005	1,001	64	23823	5104	851	70	8,632,404	10714	1,786	308
7/31/2020	9.00	243236	4,982	554	35	28722	4899	544	45	8,643,618	11214	1,246	215
8/7/2020	7.00	251960	8,724	1,246	79	37490	8768	1,253	103	8,661,563	17945	2,564	442
8/13/2020	6.00	258928	6,968	1,161	74	63837	26347	4,391	360	8,674,376	12813	2,136	368
8/18/2020	5.00	264735	5,807	1,161	74	85793	21956	4,391	360	8,685,055	10679	2,136	368
8/31/2020	13.00	277404	12,669	975	62	131257	45464	3,497	287	8,708,098	23043	1,773	306

IESI BETHLEHEM LANDFILL

	A	B	C	D	E	F	H	I	J	K	M	N	O
866		TIME	Phase IV PS-1 (Secondary Flows)				Phase IV PS-1 (Primary flow)						
867		(days)	TOTALIZER	GALLONS	FLOW (gpd)	gpc/day			Totalizer	gallons	flow(gpd)	g/cc/day	inches
952	9/6/2019	7	505437	3512	502	19			59566769	40010	5716	220	15.7"
953	9/13/2019	7	509667	3230	461	19			59802412	36643	5092	196	21.5"
954	9/19/2019	6	511025	2359	393	15			59635902	33570	5596	215	14.7"
955	9/27/2019	8	511630	812	102	4			59871134	36152	4394	169	20.1"
956	9/30/2019	3	511630	0	0	0			59896811	25477	8492	327	19.5"
957	10/7/2019	7	511630	0	0	0			59733041	36430	5204	200	19.5"
958	10/15/2019	8	519849	8011	1001	39			59775510	42469	6309	204	8.7"
959	10/22/2019	7	520043	194	28	1			59829110	53600	7657	295	8.1"
960	10/31/2019	9	521277	1234	137	5			59844747	15537	1737	67	8.5"
961	1/9/2020	9	521670	401	45	2			59883755	39008	4334	167	22.1"
962	1/15/2020	6	521670	0	0	0			59915415	31880	5277	203	8.5"
963	1/18/2020	3	521670	0	0	0			59925455	10040	3347	129	21.8"
964	1/26/2020	8	521670	0	0	0			59930245	4790	599	23	21.3"
965	1/23/2020	7	521670	0	0	0			59996053	65800	9401	362	18.3"
966	12/13/2019	10	521670	0	0	0			59934888	38035	3884	149	17.8"
967	12/10/2019	5	521670	0	0	0			59967543	32655	6531	251	18.1"
968	12/23/2019	5	521670	0	0	0			59997424	29801	5976	230	17.9"
969	1/9/2020	17	521670	0	0	0			59932717	295293	17370	688	21.7"
970	1/16/2020	7	521710	40	5	0			60772939	92494	13213	508	24.0"
971	1/20/2020	4	521702	74	19	1			60791804	18665	4668	179	21.9"
972	1/31/2020	11	522081	289	26	1			60839201	47677	4334	167	23.0"
973	2/7/2020	7	522343	262	37	1			60874300	35019	5003	192	18.1"
974	2/14/2020	7	522536	193	28	1			60910330	36638	5234	201	3.8"
975	2/19/2020	5	522547	11	2	0			60938943	28005	5601	215	3.9"
976	2/28/2020	9	522568	309	34	1			60977622	38679	4298	165	23.6"
977	3/2/2020	3	522916	60	20	1			60994698	17076	5892	219	16.4"
978	3/13/2020	11	523250	336	30	1			61049425	54727	4975	191	23.4"
979	3/18/2020	5	523352	102	20	1			61076976	27551	5510	212	21.5"
980	3/26/2020	8	523384	32	4	0			61286109	129133	18142	621	22.3"
981	3/31/2020	5	523667	183	37	1			61308872	102583	20513	789	15.9"
982	4/7/2020	7	523618	51	7	0			61359705	51033	7290	280	13.0"
983	4/17/2020	10	523571	53	5	0			61476748	117049	11704	450	16.4"
984	4/20/2020	3	523700	29	10	0			61584362	27614	9205	354	21.5"
985	4/29/2020	9	523720	20	2	0			61559365	55003	6111	235	18.8"
986	5/5/2020	0	523755	35	6	0			61595079	35714	5952	229	13.4"
987	5/13/2020	0	523944	89	11	0			61647720	46641	5890	224	12.1"
988	5/21/2020	8	523998	154	19	1			61681891	20171	2521	97	20.1"
989	5/26/2020	5	524039	41	8	0			61720812	58921	11704	453	18.9"
990	6/1/2020	6	524118	79	13	1			61781859	31156	5193	200	19.3"
991	6/10/2020	9	524195	77	9	0			61804170	52202	5800	223	22.1"
992	6/16/2020	6	524277	82	14	1			61833249	29075	4846	188	20.6"
993	6/26/2020	10	524301	24	2	0			61891777	58532	5853	225	13.6"
994	6/30/2020	4	524403	182	46	2			61910694	18907	4727	182	22.3"
995	7/10/2020	10	524568	83	8	0			61976383	65699	8570	253	14.7"
996	7/16/2020	6	524551	85	14	1			62012163	35780	5953	229	17.0"
997	7/22/2020	6	524729	78	13	1			62044621	32458	5410	208	25.3"
998	7/31/2020	9	524841	112	12	0			62076189	31547	3505	135	20.4"
999	8/7/2020	7	525009	1568	224	9			62159345	83178	11883	457	15.5"
1000	8/13/2020	6	525560	151	25	1			62193872	34526	5754	221	18.7"
1001	8/18/2020	5	525686	126	25	1			62222647	28775	5755	221	19.7"
1002	8/31/2020	13	526088	202	16	1			62292925	70278	5406	208	13.4"

IESI BETHLEHEM LANDFILL

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	
866	TIME	Phase IV PS-2 (Secondary Flows)				Phase IV PS-2 (Primary)								sump
867	(days)	TOTALIZE	GALLONS	FLOW (gpd)	p/nc/day				Totalizer	gallons	flow(gpd)	p/ac/day	inches	
952	9/6/2019	7	7210	0	0	0.0			21531653	32947	4707	444	2.5"	
953	9/13/2019	7	7210	0	0	0.0			21563949	32286	4612	438	2.5"	
954	9/19/2019	6	7210	0	0	0.0			21591836	27147	4525	427	2.5"	
955	9/27/2019	8	7210	0	0	0.0			21597091	5995	749	71	2.4"	
956	9/30/2019	3	7210	0	0	0.0			21642027	44946	14982	1413	2.5"	
957	10/7/2019	7	7210	0	0	0.0			21673491	31464	4495	423	2.6"	
958	10/16/2019	8	7210	0	0	0.0			21703033	29542	3693	346	2.5"	
959	10/22/2019	7	7210	0	0	0.0			21763421	69366	8627	814	3.1"	
960	10/31/2019	9	7210	0	0	0.0			21773029	8693	1068	101	3.1"	
961	11/9/2019	9	7210	0	0	0.0			21816670	43841	4871	466	3.3"	
962	11/15/2019	6	7210	0	0	0.0			21841826	24956	4159	392	3.2"	
963	11/18/2019	3	7210	0	0	0.0			21854481	12655	4218	398	3.1"	
964	11/26/2019	8	7210	0	0	0.0			21866041	5560	685	66	2.8"	
965	12/3/2019	7	7263	53	8	0.7			21897112	47071	6724	634	3.6"	
966	12/13/2019	10	7263	0	0	0.0			21948045	40933	4093	386	4.0"	
967	12/18/2019	5	7263	0	0	0.0			21979040	30995	6189	585	3.9"	
968	12/23/2019	5	7263	0	0	0.0			21988606	9566	1913	180	3.0"	
969	1/9/2020	17	7263	0	0	0.0			22073720	85114	5007	472	4.1"	
970	1/16/2020	7	7263	0	0	0.0			22107039	27318	3903	368	4.0"	
971	1/29/2020	4	7263	0	0	0.0			22117251	16212	4053	382	4.1"	
972	1/31/2020	11	7263	0	0	0.0			22159215	41954	3915	360	4.5"	
973	2/7/2020	7	7263	0	0	0.0			22189531	30418	4345	410	4.5"	
974	2/14/2020	7	7263	0	0	0.0			22223467	33835	4834	456	5.6"	
975	2/19/2020	5	7263	0	0	0.0			22227486	4019	804	78	5.3"	
976	2/28/2020	9	7263	0	0	0.0			22318120	90634	10370	958	5.3"	
977	3/2/2020	3	7263	0	0	0.0			22355010	36880	12297	1160	5.2"	
978	3/13/2020	11	7263	0	0	0.0			22363929	28919	2629	248	4.7"	
979	3/18/2020	5	7263	0	0	0.0			22403059	18130	3826	361	4.4"	
980	3/26/2020	8	7263	0	0	0.0			22431833	28774	3597	339	4.8"	
981	3/31/2020	5	7263	0	0	0.0			22451677	19844	3969	374	5.1"	
982	4/7/2020	7	7263	0	0	0.0			22480883	29206	4172	394	5.1"	
983	4/17/2020	10	7263	0	0	0.0			22511059	31075	3108	293	5.1"	
984	4/29/2020	3	7263	0	0	0.0			22532039	20891	6694	631	5.3"	
985	4/29/2020	8	7263	0	0	0.0			22565254	33215	3691	348	5.4"	
986	5/5/2020	6	7263	0	0	0.0			22590101	24847	4141	391	5.5"	
987	5/13/2020	8	7263	0	0	0.0			22623036	32929	4116	388	5.4"	
988	5/21/2020	8	7263	0	0	0.0			22643012	19982	2498	236	5.0"	
989	5/26/2020	6	7263	0	0	0.0			22670532	27528	5504	519	5.1"	
990	6/1/2020	6	7263	0	0	0.0			22689706	19174	3196	301	5.0"	
991	6/10/2020	9	7335	72	8	0.8			22716901	27193	3022	285	4.9"	
992	6/16/2020	6	7335	0	0	0.0			22734209	17300	2885	272	5.0"	
993	6/26/2020	10	7335	0	0	0.0			22762029	27820	2782	262	5.0"	
994	6/30/2020	4	7335	0	0	0.0			22773024	10995	2749	260	5.0"	
995	7/10/2020	10	7335	0	0	0.0			22789449	26425	2643	249	5.0"	
996	7/16/2020	6	7335	0	0	0.0			22816852	17403	2901	274	5.4"	
997	7/22/2020	6	7335	0	0	0.0			22837900	21048	3508	331	5.5"	
998	7/31/2020	8	7335	0	0	0.0			22855368	17468	1941	183	5.0"	
999	8/7/2020	7	7335	0	0	0.0			22886450	31922	4440	419	5.4"	
1000	8/13/2020	6	7335	0	0	0.0			22912298	25949	4308	406	7.1"	
1001	8/19/2020	6	7335	0	0	0.0			22933939	21541	4308	406	8.2"	
1002	8/31/2020	13	7386	51	4	0.4			22944110	50276	3668	365	8.9"	

IESI BETHLEHEM LANDFILL

	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AG
866	Phase IV PS-3 (Secondary)						Phase IV PS-3 (Primary)						
867	Date	days	totalizer	galton	flow(gpd)	g/sec/day		totalizer	galton	flow(gpd)	g/sec/day		inches
952	9/6/2019	7	43759	0	1	0		11534203	20903	2986	720	15.6'	
953	9/13/2019	7	43759	0	0	0		11556100	21907	3129	764	15.1'	
954	9/19/2019	6	43759	0	0	0		11576313	20219	3339	812	16.9'	
955	9/27/2019	8	43759	0	0	0		11599711	23398	2925	705	21.2'	
956	9/30/2019	3	43759	0	0	0		11611153	11442	3814	919	22.5'	
957	10/7/2019	7	43997	239	34	3		11630409	19256	2751	663	25.9'	
958	10/15/2019	8	43997	0	0	0		11652565	22156	2770	697	24.5'	
959	10/22/2019	7	43997	0	0	0		11693441	40976	5839	1407	22.1'	
960	10/31/2019	9	43997	0	0	0		11714501	21066	2340	584	21.0'	
961	11/9/2019	9	43997	0	0	0		11737041	72340	8060	1942	17.9'	
962	11/15/2019	6	43997	0	0	0		11832455	45414	7569	1824	23.2'	
963	11/19/2019	3	43999	2	1	0		11884455	62000	17333	4177	21.3'	
964	11/26/2019	6	44050	51	6	1		11891022	6567	821	198	21.4'	
965	12/3/2019	7	44835	785	112	11		11921991	30569	4424	1066	27.2'	
966	12/13/2019	10	44835	0	0	0		11988929	66938	6694	1613	21.3'	
967	12/19/2019	5	44836	1	0	0		12018804	30975	6175	1498	21.1'	
968	12/23/2019	5	44836	0	0	0		12027360	7556	1511	364	21.3'	
969	1/9/2020	17	44838	0	0	0		12254762	227402	13377	3223	15.6'	
970	1/15/2020	7	44842	6	1	0		12294936	40234	5748	1386	21.5'	
971	1/20/2020	4	44842	0	0	0		12320670	25674	6419	1547	18.1'	
972	1/30/2020	10	44842	0	0	0		12373955	53285	5329	1284	21.2'	
973	2/7/2020	8	44842	0	0	0		12388999	13033	1629	393	18.1'	
974	2/14/2020	7	44842	0	0	0		12401059	14070	2010	484	27.4'	
975	2/19/2020	5	44842	0	0	0		12407039	6001	1200	289	27.1'	
976	2/26/2020	9	44842	0	0	0		12440224	73185	8129	1939	23.0'	
977	3/2/2020	3	44842	0	0	0		12500429	20285	8735	1623	23.0'	
978	3/13/2020	11	44842	0	0	0		12570488	78059	7036	1710	25.1'	
979	3/19/2020	5	44842	0	0	0		12613564	35076	7016	1630	27.4'	
980	3/26/2020	8	44863	21	3	0		12668856	52292	6537	1576	25.4'	
981	3/31/2020	5	44863	0	0	0		12709297	24441	6888	1660	23.2'	
982	4/7/2020	7	44863	0	0	0		12753137	52840	7549	1819	16.4'	
983	4/17/2020	10	44863	0	0	0		12817553	84416	6442	1552	24.2'	
984	4/20/2020	3	44863	0	0	0		12859101	41540	13849	3337	20.4'	
985	4/29/2020	9	44863	0	0	0		12920054	60953	6773	1632	25.9'	
986	5/5/2020	6	44863	0	0	0		12978826	68772	9795	2350	17.2'	
987	5/13/2020	8	44863	0	0	0		13061671	82845	10356	2495	23.8'	
988	5/21/2020	8	44863	0	0	0		13088892	27221	3403	820	21.3'	
989	5/26/2020	5	44863	0	0	0		13157932	69040	13808	3327	21.1'	
990	5/1/2020	6	44883	0	0	0		13189092	30150	5025	1211	20.4'	
991	5/10/2020	9	44883	0	0	0		13226025	37943	4216	1015	27.2'	
992	5/18/2020	6	44863	0	0	0		13249809	23583	3931	847	22.3'	
993	5/26/2020	10	44863	0	0	0		13274886	25270	2528	609	17.5'	
994	5/30/2020	4	44863	0	0	0		13284260	9374	2344	565	20.4'	
995	7/10/2020	10	44863	0	0	0		13307263	23003	2300	554	22.5'	
996	7/16/2020	6	44863	0	0	0		13330152	22889	3815	919	22.3'	
997	7/22/2020	6	44863	0	0	0		13352941	22769	3798	915	21.1'	
998	7/31/2020	9	44863	0	0	0		13364424	11483	1276	307	21.3'	
999	8/7/2020	7	44863	0	0	0		13418867	54443	7778	1874	18.5'	
1000	8/13/2020	5	44863	0	0	0		13474007	55140	9190	2214	19.2'	
1001	8/18/2020	5	44863	0	0	0		13519957	45950	9190	2214	19.9'	
1002	8/31/2020	13	44863	0	0	0		13577909	57952	4458	1074	22.1'	

IESI BETHLEHEM LANDFILL

	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD
065	Phase IV PS-4 (Secondary)												
066	Date	days	totalizer	gallon	flow(gpd)	g/sec/day	Phase IV PS-4 (Primary)						sump
067							totalizer	gallons	flow(gpd)	g/sec/day			inches
062	8/6/2019	7	9189	73	10	1	6147928	13733	1962	473	22.1'		
063	9/13/2019	7	9191	2	0	0	6159500	11502	1643	390	29.2'		
064	9/19/2019	6	9191	0	0	0	6160665	9166	1528	368	24.6'		
065	9/27/2019	8	9191	0	0	0	6171665	3000	375	80	29.7'		
066	9/30/2019	3	9191	0	0	0	6182314	10649	3550	855	30.8'		
067	10/7/2019	7	9191	0	0	0	6196175	13861	1980	477	25.5'		
068	10/15/2019	8	9191	0	0	0	6226109	29933	3742	902	28.5'		
069	10/22/2019	7	9394	203	29	3	6246068	19960	2851	687	22.3'		
069	10/31/2019	9	9518	224	25	2	6260571	14503	1911	388	21.3'		
061	11/9/2019	9	9619	1	0	0	6294895	34324	3814	919	28'		
062	11/15/2019	6	9619	0	0	0	6303289	8394	1399	337	16.4'		
063	11/18/2019	3	9619	0	0	0	6307164	3075	1292	311	17.8'		
064	11/26/2019	8	9619	0	0	0	6316287	9123	1140	275	21.1'		
065	12/3/2019	7	9893	64	9	1	6339235	22940	3278	799	29.3'		
066	12/13/2019	10	10108	426	43	4	6388537	49302	4930	1186	29.4'		
067	12/18/2019	5	10546	438	86	8	6423205	34860	6934	1671	28.7'		
068	12/23/2019	5	10546	0	0	0	6434183	10970	2196	629	28.1'		
069	1/9/2020	17	10546	0	0	0	6518668	24486	4970	1188	28.0'		
070	1/16/2020	7	10629	77	11	1	6534974	16309	2329	561	28.6'		
071	1/20/2020	4	10665	42	11	1	6544237	9263	2316	556	27.1'		
072	1/31/2020	11	10733	88	6	1	6579233	34996	3181	767	14.5'		
073	2/7/2020	7	11289	476	68	6	6595391	16140	2307	556	30.7'		
074	2/14/2020	7	11233	24	3	0	6640266	44886	6412	545	20.5'		
075	2/19/2020	5	11233	0	0	0	6648284	8018	1604	386	22.1'		
076	2/29/2020	9	11299	65	7	1	6683501	35217	3913	943	17.3'		
077	3/2/2020	3	11299	0	0	0	6688139	4637	1546	372	29.5'		
078	3/13/2020	11	11299	1	0	0	6711572	23434	2130	513	14.8'		
079	3/16/2020	5	11299	0	0	0	6718305	6733	1347	324	25.2'		
080	3/26/2020	8	11299	0	0	0	6739269	20984	2621	631	18.7'		
081	3/31/2020	5	11879	380	76	7	6753055	13766	2757	664	30.8'		
082	4/1/2020	7	11730	51	7	1	6763035	15980	2283	550	23.0'		
083	4/17/2020	10	11730	0	0	0	6790093	21048	2105	507	28.7'		
084	4/29/2020	3	11730	0	0	0	6803901	13918	4806	1110	13.2'		
085	4/29/2020	9	11730	0	0	0	6822395	16494	2055	495	27.0'		
086	5/5/2020	6	11730	0	0	0	6846574	18179	3030	730	30.6'		
087	5/13/2020	8	11730	0	0	0	6865709	25136	3142	757	26.8'		
088	5/21/2020	8	11730	0	0	0	6870318	4609	576	139	26.4'		
089	5/25/2020	5	11730	0	0	0	6879603	9297	1857	448	28.4'		
090	5/1/2020	6	11803	73	12	1	6888670	9071	1512	364	25.0'		
091	6/10/2020	9	11803	0	0	0	6900277	11601	1289	311	27.4'		
092	6/16/2020	6	11803	0	0	0	6909549	9272	1545	372	14.0'		
093	6/25/2020	10	12223	420	42	4	6920880	11531	1133	273	27.6'		
094	6/30/2020	4	12224	1	0	0	6927925	7045	1761	424	16.3'		
095	7/10/2020	10	12337	113	11	1	6939329	11404	1140	275	24.5'		
095	7/16/2020	6	12848	511	85	8	6950197	20869	3478	839	24.5'		
097	7/22/2020	6	12908	52	8	1	6971311	11114	1852	448	21.1'		
098	7/31/2020	9	12908	0	0	0	6982210	10999	1211	292	21.1'		
099	8/7/2020	7	13783	883	126	12	7041091	59781	9540	2059	21.8'		
1000	8/13/2020	6	14095	312	52	5	7057306	15315	2553	615	22.3'		
1001	8/18/2020	5	14225	130	26	2	7070070	12764	2553	615	20.7'		
1002	8/31/2020	13	14255	30	2	0	7097078	27006	2139	515	17.2'		

Bethlehem Landfill Odor Complaint Log (2335 Applebutter Rd, Bethlehem, PA 18017)

Date	Time	Address	Distance from landfill (miles)	Weather Data (AllSensors [AAOS])			Residences / Drive-by	Description / Notes	Gas Measurements Data		Date of Initial Response	Addressed in Insp Report
				Wind (feet off)	Temperature	Skies			Flare (ppm)	BTE (ndm)		
01/07/20	8:53	Saucen Ave, Steel City	0.893	E	54.8	Partly Cloudy	Residence	Landfill gas odor detected on property	2900	0	2900	1/9/20 (WMA)
01/07/20	10:57	Johnston Ave, Steel City	1.170	E	36.6	Partly Cloudy	Residence	Slight gas odor that is intermittent	2925	0	2925	1/9/20 (WMA)
01/14/20	9:30	Johnston Ave, Steel City	1.170	W	36.2	Overcast	Residence	Slight gas odor at ~9:30 AM - 10:55 AM on property	2925	0	2925	1/31/20 (WMA)
01/23/20	8:23	Saucen Ave, Steel City	0.893	E	22.0	Partly Cloudy	Residence	Went to get dog out & when opened door on an small landfill gas. It is strong now, but somewhat it is on their way out.	2901	0	2901	1/31/20 (WMA)
01/23/20	9:01	Johnston Ave, Steel City	1.170	WNW	24.2	Partly Cloudy	Residence	Gas odor on property, noticed when went outside to start car. Complains it is on their way out.	3085	0	3085	1/31/20 (WMA)
01/23/20	10:05	Johnston Ave, Steel City	1.170	WNW	46.0	Partly Cloudy	Residence	Landfill gas odor, but been noticed on for 2 hours.	2830	0	2830	1/31/20 (WMA)
01/23/20	12:55	Johnston Ave, Steel City	0.893	SSW	27.5	Clear	Residence	The landfill gas is horrible on property.	2920	0	2920	1/31/20 (WMA)
01/23/20	15:10	Johnston Ave, Steel City	1.170	SSW	27.9	Scattered Clouds	Residence	The odor of landfill gas is very strong on property	2940	0	2940	1/31/20 (WMA)
01/23/20	18:18	Saucen Ave, Steel City	0.893	SSW	27.5	Scattered Clouds	Residence	Landfill odors on property for the past 5 min.	2941	0	2941	1/31/20 (WMA)
01/23/20	18:19	Johnston Ave, Steel City	0.796	SSW	27.9	Scattered Clouds	Residence	Landfill gas smell is very strong for the past couple of hours on property.	2941	0	2941	1/31/20 (WMA)
01/23/20	18:32	Johnston Ave, Steel City	1.170	WNW	39.5	Mostly Cloudy	Residence	There is a slight landfill gas odor again today on property.	3018	0	3018	2/9/20 (WMA)
02/05/20	20:20	Saucen Ave, Steel City	0.893	SSW	35.8	Partly Cloudy	Residence	There is a terrible landfill odor tonight that can be detected on their property.	2952	0	2952	2/6/20 (WMA)
02/03/20	13:28	Johnston Ave, Steel City	1.170	SSW	41.3	Cloudy	Residence	Detected a gas odor on property from the landfill	2850	0	2850	2/5/20 (WMA)
02/03/20	7:17	Johnston Ave, Steel City	0.893	WNW	43.2	Cloudy	Residence	Smelled a garbage/gas odor on property	2879	0	2879	2/5/20 (WMA)
02/24/20	10:58	Saucen Ave, Steel City	0.893	SSW	45.3	Partly Cloudy	Residence	Terrible landfill gas odor on property	2903	0	2903	2/24/20 (WMA)
04/28/20	16:34	Johnston Ave, Steel City	1.170	SSW	53.1	Mostly Clear	Residence	Landfill gas odor at home. Has been going on for 5 hours.	3490	0	3490	5/13/20 (WMA)
05/08/20	12:29	Johnston Ave, Steel City	1.170	WNW	48.4	Cloudy	Residence	Strong landfill gas odor on property	3389	0	3389	5/13/20 (WMA)
05/18/20	14:51	Johnston Ave, Steel City	0.893	SW	65.1	Cloudy	Residence	Strong gas odor on property	3450	0	3450	5/27/20 (WMA)
05/26/20	19:04	Johnston Ave, Steel City	1.170	SW	49.9	Mostly Sunny	Residence	Can smell landfill gas on property	3517	0	3517	5/27/20 (WMA)
05/28/20	20:08	Johnston Ave, Steel City	1.170	WNW	58.1	Cloudy	Residence	The landfill gas smell is very strong and the wind is blowing it their way.	3530	0	3530	5/27/20 (WMA)
05/28/20	20:36	Johnston Ave, Steel City	1.170				Residence	Very strong smell of methane gas at home, has been going on for 45 minutes.				6/24/20 (WMA)
06/14/20	18:59	Flare Ave, Steel City	0.950				Residence	Foul odor on property from the landfill. Has noticed it since 6/7/20.				8/27/20 (WMA)
06/14/20	19:57	Miscell Ave, Steel City	0.795				Residence	It smells like gas fumes mixed with rotten eggs that has been going on for 2 days.				8/14/20 (WMA)
06/14/20	20:01	Jefferson Ave, Steel City	0.751				Residence	Gross gas-like odor present at home, has been going on a couple of night.				8/14/20 (WMA)
06/14/20	20:13	Johnston Ave, Steel City	0.980				Residence	Gas odor present at residence				8/14/20 (WMA)
06/14/20	20:25	Saucen Ave, Steel City	0.931				Residence	Rotting garbage odor at home				8/14/20 (WMA)
06/18/20	12:44	Applebutter Rd, Bethlehem	0.180				Residence	Strong odor coming from the landfill				8/27/20 (WMA)
06/26/20	17:00	Saucen Ave, Steel City	0.893				Residence	Terrible smelly and is under their home				8/27/20 (WMA)
06/26/20	19:39	Saucen Ave, Steel City	0.931				Residence	Landfill odor is so strong they had to go inside their home - Garbage odor				8/27/20 (WMA)
06/26/20	19:57	Jefferson Ave, Steel City	0.939				Residence	Detected a very strong odor on property				8/27/20 (WMA)
06/26/20	12:49	Applebutter Rd, Bethlehem	0.160				Residence	Smells like garbage all day				8/27/20 (WMA)
06/30/20	11:13	Saucen Ave, Steel City	0.803				Residence	Complains was outside taking their dog out and the odor is so strong it's making the complainant sick				9/9/20 (WMA)
09/01/20	12:03	Johnston Ave, Steel City	1.170				Residence	Gas odor on property from the landfill				9/9/20 (WMA)
09/08/20	7:59	Anderson Ave, Steel City	1.370				Residence	It smells like rubber & collapse on their property for the past 4-6 hours.				9/9/20 (WMA)
09/11/20	09:02	Wywood Ave, Steel City	1.410				Residence	There has been a strong landfill gas odor on property for an hour				9/9/20 (WMA)
09/11/20	16:43	Johnston Ave, Steel City	1.370				Residence	Intermittent landfill gas odors on property				