

## Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, January 16, 2020  
Time: 1:00 p.m.  
Location: Lower Saucon Township  
Attendance: **Hanover Engineering:** Chris Taylor; **Bethlehem Landfill:** Astor Lawson & David Pannucci; **Members:** Neil Ortwein & Hazem Hijazi; **Staff Members:** Leslie Huhn & Diane Palik; **Council Liaison:** Priscilla deLeon (called in at 1:25 p.m.)

Mr. Pannucci reviewed the monthly tonnages for December:

	<u>October</u>	<u>November</u>	<u>December</u>
MSW	30,937.49	26,863.19	28,432.27
C&D	4,827.96	5,155.07	4,552.65
Residual (Total)	1,999.03	2,237.89	1,844.97
Asbestos	0.00	1.70	0.00
Sewage Sludge (90/10)	92.91	75.56	96.18
Out of State (Total)	24,760.11 (65%)	20,823.54 (61%)	22,285.97 (64%)
Recycle	9 (78%)	7 (86%)	8 (88%)

Mr. Pannucci said there were three Form U Submittals dated December 31, 2019 and January 9 and 14, 2020. The first quarter sampling event is scheduled for February 24 – 26, 2020. He handed the Groundwater Analytical Data for 4Q19 in to the Township.

Mr. Pannucci said there were two DEP inspections on January 9, 2020 with Jennifer Cimera from Solid Waste and on January 13, 2020 from Matt Glogowski from Solid Waste. Ms. Cimera said everything looked good at that time. There were two Host Municipal Inspections by Chris Taylor on January 2 and January 16, 2020.

Mr. Pannucci said for Commercial Waste Vehicles, there were 2,650 total trucks for December with 95 overweight. 68 warnings and 27 suspensions were issued. Mr. Taylor asked if they had any thoughts on the overweight's. Mr. Lawson said it could have been due to the weather. Mr. Taylor asked how the traffic situation was in the morning. Mr. Lawson said Dee and Tammy are working on that. They implemented a new rule if they get there early, they send them back out loaded as we have zero tolerance. They only had to do it to a couple. Dee is sending out a written notice to all the carriers to let them know of the new policy.

Mr. Pannucci said the LFG flare is the main GCCS. Bethlehem Landfill continues to communicate with SCS Field Services with any routine or non-routine maintenance to maximize LFG production and minimize odors. The flare was shut down one time for four minutes in December 2019.

Mr. Pannucci said the North Slope Road and the swale have 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. Control Systems 21 to replace AB-1 pump motor and Control Systems replaced flow meter in AB-10.

Mr. Pannucci said the leachate collection flow rates continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. Control Systems 21 changed PS-3 detection zone transducer.

Mr. Pannucci said there were four radioactive loads for December (Tc-99m (1) and I-131 (3)). The waste streams met level 1 requirements and were disposed of on site.

Mr. Pannucci said the SE Realignment Construction Activity waste operations are in SE-1B. Mr. Taylor reviewed the primary and secondary flow rates and the leachate demand report. He asked what was done with AB-1. Mr. Pannucci said they replaced the motor and AB-1 will get moved with the new construction as well, so it will be down. They replaced the flow meter in AB-10 and now it's working. Mr. Hijazi asked about the second flare. Mr. Pannucci said they are waiting to see if they need it.

Mr. Pannucci said there were two odor complaints received by DEP on January 7, 2020. Mr. Taylor said during your inspection you tackled a couple of big seeps on the South face and that may have been a contributing factor to odors that were on-site. Mr. Pannucci said yes. Mr. Taylor asked if the street sweeper made it out to Applebutter Road. Mr. Lawson said yes.

Mr. Taylor said the BRE alarm is shut off now but an alarm did go off. That may have been an alarm indicating a water leak as Lower Saucon Authority was out there doing an inspection. The Authority was up and down Applebutter Road, Ringhoffer Road and the landfill site and no one knew what was going on, but they were probably chasing down a leak. Mrs. Huhn was not contacted by Bill Ross. Mr. Pannucci said when the alarm went off, he called Ken Minton. The water meter was way higher than it should have been, maybe a pipe broke, but he's not sure. Mr. Taylor said the truck wash was working today and there was one picker on Applebutter Road. There was a lot of wind-blown litter and a lot is getting caught by the lower fence that was put in.

Mrs. deLeon telephoned in at 1:25 p.m. and had a question for the Landfill. She asked about the permit which she knows goes back to 1993. There are things added to it. Mr. Pannucci said it was modified. She asked if they have a .pdf of the entire permit. Mr. Pannucci said no, the way the state has it, you tack on the modifications as you go so they have binders of the modifications and the original permit itself. Mrs. Huhn said we have a binder here also, but she's not sure if the SE Realignment is in it. Mrs. deLeon asked if they had a special .pdf of just the SE Realignment. Mr. Pannucci said they have the approval letter or the binders of the actual submittal which the Township has. Mrs. deLeon asked if she could get a copy. Mr. Pannucci said he will send it to the group.

Mrs. deLeon said some people have called her on odor complaints, two or three times a week. Mr. Taylor said we had odors on site, but just working face odors. He did not have any on-site odors anywhere else or any off-site odors. Mr. Pannucci said Tuesday through Thursday of last week, they fixed a couple of big seeps. The odor complaint Mrs. deLeon received, the seeps could have been a contributing factor. Mrs. deLeon said you are updating your SEM? Mr. Pannucci said that has been completed for a few months now. Mrs. deLeon asked, then why are we still getting odors? Mr. Pannucci said it's a working landfill, things come up out of the seeps which could be part of the issue, but they are actively searching for potential off-site or on-site odors. If they aren't made aware of off-site odor complaints, it's kind of hard to track them weeks after the fact and fix it. Nobody from DEP is calling them. Mrs. deLeon said she was made aware that when residents call in a couple of times on the same day with an odor complaint, it's just recorded as a one-time event; and she didn't like that. Mr. Pannucci said they read the minutes and know she didn't like it, but from their standpoint it's one event that they are looking into whether 10 or 100 people called and they need to address it regardless, and that's why they attached the list of DEP complaints and go off of that. Mrs. deLeon said well that's your version, she appreciates their answer.

Mr. Taylor said Cody hit the wells and got them tuned up. Mr. Pannucci said it's completed and he's doing his monthly checks. They are down to minor tweaks. Mr. Taylor said IESI has been in contact with SCS and directed them to start working on the 2020 Gas Management Plan, which involves a bunch of different things. Mr. Taylor said you analyze the data and get their recommendation. Mr. Pannucci said that's why they are doing it now as they hope to do the gas construction in the summer time.

Mr. Taylor said SCS did their last full SEM in November and found how many exceedances? Mr. Lawson said zero exceedances. Mr. Taylor said that is a little mystifying. Why do we have odors and don't find anything. Mr. Lawson said that's what makes it difficult, they are trying to figure it out. Mr. Taylor said 500 is the threshold, is it maybe we're getting methane omissions under 500. Mr. Pannucci said if it comes in at 450, that's not an exceedance, but they do go back and look at it.

Mr. Hijazi asked about the train, but they did remember hearing about it last year. Mrs. deLeon said apparently they stop and pick up workers in Steel City and that five minutes they stop, if they are transporting garbage, the residents know. There's a difference between that odor and the landfill odor; and DEP is aware of it.

Mr. Taylor said the next meeting will be on Thursday, February 20, 2020 at 1:00 p.m. The meeting adjourned at 1:34 p.m.

**Bethlehem Landfill Company  
LST Committee Meeting Notes December 2019  
January 16, 2020**

**Agenda Items**

**I. Waste Activities**

Monthly Tonnages

	October	November	December
MSW	30,937.49	26,863.19	28,432.27
C&D	4,827.96	5,155.07	4,552.65
Residual (Total)	1,999.03	2,237.89	1,844.97
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Form U Submittals

Waste

Approval Date

Fitzpatrick Container Company	Plant Trash (710)	12/31/19
Penn Contractors	Asbestos-Containing (501)	1/9/19 <i>2020</i>
JRM Construction Services	Asbestos-Containing (501)	1/14/19 <i>2020</i>

**II. Annual Groundwater Trend Analysis**

First quarter sampling event is scheduled for 2/24/20 – 2/26/20.

**III. Correspondence / Reports**

None

**IV. Landfill Operations**

Department of Environmental Protection Inspections

1/9/19 J. Cimera (Solid Waste)  
1/13/19 *2020* M. Glogowski (Solid Waste)

Host Municipal Inspection

1/2/19 2020 C. Taylor  
1/16/19 2020 C. Taylor

<u>Commercial Waste Vehicles</u>	October	November	December
Total # Trucks	3,024	2,843	2,651
	October	November	December
Overweight	98	48	95
Warnings	87	44	68
Suspensions	11	4	27

October – TT=54, RL=6, RO=1, FL=1, DT=36 November – TT=37, RL=5, RO=1, DT=5 December – TT=83, RL=8, RO=1, DT=3

FL = front loader, RO = roll-off, TT=tractor trailer, RL = rear loader, DT = triaxial dump truck

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.**

**December Average Flare Flow = 2,781 SCFM**

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

Beginning of event shutdown Flare Date: 12/20/19 Time: 09:46  
End of event startup Date: 12/20/19 Time: 09:50 Duration: 00:04min

Documentation is on file.

North Slope Road has not needed repairs. 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. Control Systems 21 to replace AB-1 pump motor. Control Systems 21 replaced flow meter in AB-10.

#### Leachate collection

Flow rates continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed. Control Systems 21 changed PS-3 detection zone transducer.

#### Radiation Monitoring

There were 4 radioactive loads for December (Tc-99m (1) and I-131 (3)). The 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**  
**December 2019**

<u>Location</u>	<u>Total gallons</u>
LMC-6	27,448
LMC-7	6,956
LMC-8	230,413
PS-4	166,518
LMC-10	1,039,015
PS-1	183,343
PS-2	173,707
PS-3	299,325
Phase-IV	656,375

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	1,039,015
<u>Phase IV</u>	<u>656,375</u>
<b>TOTAL</b>	<b>1,695,390 gallons</b>

**Total Leachate**

Leachate	431,335
<u>Phase IV</u>	<u>656,375</u>
<b>TOTAL</b>	<b>1,087,710 gallons</b>

LMC-10 Flow – Abatement System Flow = Leachate System Flow (gallons).  
 Abatement System Flow = 607,680 gallons (Neptune Flow meters)

**BETHLEHEM LANDFILL**  
**GROUNDWATER DEMAND REPORT**  
**December 2019**

<b>Well No.</b>	<b>Water Level (avg. ft SWL*)</b>	<b>Flow (avg. GPM)</b>	<b>(Total gal)</b>
<b>AB-1</b>	<b>91.5</b>	<b>0.2</b>	<b>9,767</b>
<b>AB-2</b>	<b>45.9</b>	<b>2.4</b>	<b>98,313</b>
<b>AB-3</b>	<b>61.3</b>	<b>0.0</b>	<b>0.0</b>
<b>AB-4</b>	<b>30.3</b>	<b>2.5</b>	<b>100,561</b>
<b>AB-5</b>	<b>41.4</b>	<b>0.6</b>	<b>25,750</b>
<b>AB-6</b>	<b>43.1</b>	<b>3.1</b>	<b>126,511</b>
<b>AB-7</b>	<b>41.4</b>	<b>2.8</b>	<b>111,403</b>
<b>AB-8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>AB-9</b>	<b>41.1</b>	<b>3.3</b>	<b>134,841</b>
<b>AB-10</b>	<b>64.8</b>	<b>0.0</b>	<b>534</b>
<b>TW-1</b>	<b>54.4</b>	<b>&lt;0.1</b>	<b>0.0</b>
<b>Total Flow</b>		<b>607,680 gallons</b>	

\*SWL above transducer set point

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

	TIME (days)	LMC-6 (Primary Flows)				LMC-7 (Primary Flows)				LMC-8 (Primary Flows)			
		TOTALIZER	GALLONS	LOW (gpd)	G/A/D	TOTALIZER	ALLON	OW (g)	G/A/D	TOTALIZER	ALLON	LOW (gpd)	G/A/D
1/3/2019	7.00	2421998	11,887	1,698	108	4313118	4763	680	56	7,596,652	8315	1,188	205
1/8/2019	5.00	2432734	10,736	2,147	137	4318265	5147	1,029	84	7,604,683	8031	1,606	277
1/14/2019	6.00	2440995	8,261	1,377	88	4323231	4966	828	68	7,612,768	8085	1,348	232
1/21/2019	7.00	2448933	7,938	1,134	72	4328080	4849	693	57	7,622,157	9389	1,341	231
1/31/2019	10.00	2478187	29,254	2,925	186	4335657	7577	758	62	7,636,997	14840	1,484	256
2/5/2019	5.00	2485497	7,310	1,462	93	4338934	3277	655	54	7,643,370	6373	1,275	220
2/14/2019	9.00	2512578	27,081	3,009	192	4344859	5925	658	54	7,655,197	11827	1,314	227
2/19/2019	5.00	2524553	11,975	2,395	153	4348515	3656	731	60	7,662,695	7498	1,500	259
2/28/2019	9.00	2544435	19,882	2,209	141	4355882	7367	819	67	7,674,910	12215	1,357	234
3/11/2019	11.00	2559281	14,846	1,350	86	4363719	7837	712	58	7,689,920	15010	1,365	235
3/18/2019	7.00	2568635	9,354	1,336	85	4367689	3970	567	46	7,695,592	5672	810	140
3/29/2019	11.00	2589246	20,611	1,874	119	4380618	12929	1,175	96	7,716,139	20547	1,868	322
4/4/2019	6.00	2595143	5,897	983	63	4385069	4451	742	61	7,724,469	8330	1,388	239
4/10/2019	6.00	2600597	5,454	909	58	4389338	4269	712	58	7,733,238	8769	1,462	252
4/17/2019	7.00	2625500	24,903	3,558	227	4394070	4732	676	55	7,747,020	13782	1,969	339
4/24/2019	7.00	2647515	22,015	3,145	200	4400649	6579	940	77	7,759,015	11995	1,714	295
5/1/2019	7.00	2664369	16,854	2,408	153	4406533	5884	841	69	7,769,945	10930	1,561	269
5/10/2019	9.00	2685158	20,789	2,310	147	4414270	7737	860	70	7,784,469	14524	1,614	278
5/17/2019	7.00	2699233	14,075	2,011	128	4420917	6647	950	78	7,797,010	12541	1,792	309
5/23/2019	6.00	2710148	10,915	1,819	116	4426176	5259	877	72	7,807,571	10561	1,760	303
5/28/2019	5.00	2713182	3,034	607	39	4428676	2500	500	41	7,813,572	6001	1,200	207
6/5/2019	8.00	2730274	17,092	2,137	136	4434327	5651	706	58	7,826,345	12773	1,597	275
6/13/2019	8.00	2749382	19,108	2,389	152	4439837	5510	689	56	7,838,610	12265	1,533	264
6/20/2019	7.00	2751930	2,548	364	23	4444290	4453	636	52	7,849,768	11158	1,594	275
6/28/2019	8.00	2755174	3,244	406	26	4449531	5241	655	54	7,861,043	11275	1,409	243
7/1/2019	3.00	2765773	10,599	3,533	225	4451306	1775	592	48	7,864,310	3267	1,089	188
7/11/2019	10.00	2796263	30,490	3,049	194	4457119	5813	581	48	7,876,648	12338	1,234	213
7/16/2019	5.00	2812684	16,421	3,284	209	4459951	2832	566	46	7,878,992	2344	469	81
7/24/2019	8.00	2831870	19,186	2,398	153	4463593	3642	455	37	7,886,403	7411	926	160
7/30/2019	6.00	2843280	11,410	1,902	121	4467209	3616	603	49	7,896,140	9737	1,623	280
8/6/2019	7.00	2850243	6,963	995	63	4472476	5267	752	62	7,909,399	13259	1,894	327
8/15/2019	9.00	2856113	5,870	652	42	4476747	4271	475	39	7,917,866	8467	941	162
8/23/2019	8.00	7657	7,657	957	61	4486359	9612	1,202	98	7,938,076	20210	2,526	436
8/30/2019	7.00	13947	6,290	899	57	4490990	4631	662	54	7,949,696	11620	1,660	286
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	52975	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	19769	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





IESI BETHLEHEM LANDFILL

866	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	
867	TIME	Phase IV PS-2 (Secondary Flows)					Phase IV PS-2 (Primary)							sump
	(days)	TOTALIZER	GALLONS	FLOW (gpd)	g/ac/day			Totalizer	gallons	flow(gpd)	g/ac/day	inches		
918	1/3/2019	7	7138	0	0	0.0		20660606	40282	5755	543	29.5"		
919	1/8/2019	5	7138	0	0	0.0		20700486	39880	7976	752	33.3"		
920	1/14/2019	6	7138	0	0	0.0		20740910	40424	6737	636	30.3"		
921	1/21/2019	7	7138	0	0	0.0		20780285	39375	5625	531	34.1"		
922	1/31/2019	10	7138	0	0	0.0		20842598	62313	6231	588	28.5"		
923	2/5/2019	5	7138	0	0	0.0		20871208	28610	5722	540	30.2"		
924	2/14/2019	9	7138	0	0	0.0		20923558	52350	5817	549	31.4"		
925	2/19/2019	5	7138	0	0	0.0		20952717	29159	5832	550	27.8"		
926	2/28/2019	9	7138	0	0	0.0		21007697	54980	6109	576	26.9"		
927	3/11/2019	11	7138	0	0	0.0		21067002	59305	5391	509	31.4"		
928	3/18/2019	7	7138	0	0	0.0		21091793	24791	3542	334	30.7"		
929	3/29/2019	11	7138	0	0	0.0		21163357	71564	6506	614	34.6"		
930	4/4/2019	6	7138	0	0	0.0		21196738	33381	5564	525	24.5"		
931	4/10/2019	6	7138	0	0	0.0		21261533	64795	10799	1019	29.7"		
932	4/17/2019	7	7138	0	0	0.0		21299432	37899	5414	511	27.1"		
933	4/24/2019	7	7138	0	0	0.0		21341263	41831	5976	564	30.7"		
934	5/1/2019	7	7138	0	0	0.0		21399235	57972	8282	781	29.9"		
935	5/10/2019	9	7138	0	0	0.0		21444235	45000	5000	472	34.1"		
936	5/17/2019	7	7138	0	0	0.0		21489235	45000	6429	606	31.4"		
937	5/23/2019	6	7138	0	0	0.0		21534235	45000	7500	708	29.9"		
938	5/28/2019	5	7138	0	0	0.0		21579235	45000	9000	849	29.7"		
939	6/5/2019	8	7161	23	3	0.3		2168712	-410523	-51315	-4841	3.7"		
940	6/13/2019	8	7161	0	0	0.0		2193657	24945	3118	294	4.7"		
941	6/20/2019	7	7161	0	0	0.0		21203611	9954	1422	134	5.9"		
942	6/28/2019	8	7161	0	0	0.0		21209278	5667	708	67	6.5"		
943	7/1/2019	3	7161	0	0	0.0		21244305	35027	11676	1101	6.5"		
944	7/11/2019	10	7161	0	0	0.0		21272410	28105	2811	265	7.2"		
945	7/16/2019	5	7161	0	0	0.0		21291982	19572	3914	369	7.1"		
946	7/24/2019	8	7161	0	0	0.0		21313201	21219	2652	250	7.1"		
947	7/30/2019	6	7161	0	0	0.0		21325920	12719	2120	200	7.2"		
948	8/6/2019	7	7161	0	0	0.0		21332564	6644	949	90	7.3"		
949	8/15/2019	9	7161	0	0	0.0		21343052	10488	1165	110	3.4"		
950	8/23/2019	8	7161	0	0	0.0		21460217	117165	14646	1382	3.6"		
951	8/30/2019	7	7210	49	7	0.7		21498716	38499	5500	519	2.5"		
952	9/6/2019	7	7210	0	0	0.0		21531663	32947	4707	444	2.5"		
953	9/13/2019	7	7210	0	0	0.0		21563949	32286	4612	435	2.5"		
954	9/19/2019	6	7210	0	0	0.0		21591096	27147	4525	427	2.5"		
955	9/27/2019	8	7210	0	0	0.0		21597091	5985	748	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	424	2.6"		
958	10/15/2019	8	7210	0	0	0.0		21703033	29542	3693	348	2.5"		
959	10/22/2019	7	7210	0	0	0.0		21763421	60388	8627	814	3.1"		
960	10/31/2019	9	7210	0	0	0.0		21773029	9608	1068	101	3.1"		
961	11/9/2019	9	7210	0	0	0.0		21816870	43841	4871	460	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		21860041	5560	695	66	2.9"		
965	12/3/2019	7	7263	53	8	0.7		21907112	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	6199	585	3.9"		
968	12/23/2019	5	7263	0	0	0.0		21988606	9566	1913	180	4.0"		
969	12/31/2019	8	7263	0	0	0.0		22033695	45089	5636	532	3.9"		

IESI BETHLEHEM LANDFILL

	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ
866	Phase IV PS-3 (Secondary)						Phase IV PS-3 (Primary)						sump
867	Date	days	totalizer	gallon	flow(gpd)	g/ac/day			totalizer	gallons	flow(gpd)	g/ac/day	inches
918	1/3/2019	7	43266	0	0	0			10015193	46700	6671	1608	20.2"
919	1/8/2019	5	43266	0	0	0			10063124	47931	9586	2310	18.5"
920	1/14/2019	6	43266	0	0	0			10105956	42832	7139	1720	26.2"
921	1/21/2019	7	43266	0	0	0			10142879	36923	5275	1271	21.5"
922	1/31/2019	10	43266	0	0	0			10216913	74034	7403	1784	20.0"
923	2/5/2019	5	43266	0	0	0			10250043	33130	6626	1597	18.7"
924	2/14/2019	9	43266	0	0	0			10303601	53558	5951	1434	23.2"
925	2/19/2019	5	43266	0	0	0			10344671	41070	8214	1979	16.4"
926	2/28/2019	9	43549	283	31	3			10429876	85205	9467	2281	22.3"
927	3/11/2019	11	43549	0	0	0			10502158	72282	6571	1583	16.4"
928	3/18/2019	7	43549	0	0	0			10530183	28025	4004	965	21.5"
929	3/29/2019	11	43718	169	15	1			10643865	113682	10335	2490	27.4"
930	4/4/2019	6	43718	0	0	0			10685160	41295	6883	1658	26.4"
931	4/10/2019	6	43718	0	0	0			10715075	29915	4986	1201	17"
932	4/17/2019	7	43718	0	0	0			10753687	38612	5516	1329	26.2"
933	4/24/2019	7	43718	0	0	0			10799919	46232	6605	1591	23.0"
934	5/1/2019	7	43718	0	0	0			10813348	13429	1918	462	17.9"
935	5/10/2019	9	43718	0	0	0			10840079	26731	2970	716	25.1"
936	5/17/2019	7	43718	0	0	0			10906158	66079	9440	2275	16.3"
937	5/23/2019	6	43718	0	0	0			11010719	104561	17427	4199	20.1"
938	5/28/2019	5	43722	4	1	0			11012129	1410	282	68	18.9"
939	6/5/2019	8	43736	14	2	0			11058072	45943	5743	1384	15.5"
940	6/13/2019	8	43736	0	0	0			11091919	33847	4231	1019	20.2"
941	6/20/2019	7	43736	0	0	0			11117289	25370	3624	873	25.7"
942	6/28/2019	8	43736	0	0	0			11143077	25788	3224	777	23.1"
943	7/1/2019	3	43736	0	0	0			11178444	35367	11789	2841	23.4"
944	7/11/2019	10	43736	0	0	0			11235487	57043	5704	1375	16.4"
945	7/16/2019	5	43736	0	0	0			11252551	17064	3413	822	20.6"
946	7/24/2019	8	43736	0	0	0			11328050	75499	9437	2274	27.3"
947	7/30/2019	6	43736	0	0	0			11379440	51390	8565	2064	16.6"
948	8/6/2019	7	43736	0	0	0			11424479	45039	6434	1550	25.7"
949	8/15/2019	9	43736	0	0	0			11443070	18591	2066	498	16.6"
950	8/23/2019	8	43736	0	0	0			11490596	47526	5941	1432	26.2"
951	8/30/2019	7	43750	14	2	0			11513300	22704	3243	782	16.4"
952	9/6/2019	7	43758	8	1	0			11534203	20903	2986	720	15.8"
953	9/13/2019	7	43758	0	0	0			11556100	21897	3128	754	15.1"
954	9/19/2019	6	43758	0	0	0			11576313	20213	3369	812	18.9"
955	9/27/2019	8	43758	0	0	0			11599711	23398	2925	705	21.2"
956	9/30/2019	3	43758	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	667	24.5"
959	10/22/2019	7	43997	0	0	0			11693441	40876	5839	1407	22.1"
960	10/31/2019	9	43997	0	0	0			11714501	21060	2340	564	21.0"
961	11/9/2019	9	43997	0	0	0			11787041	72540	8060	1942	17.9"
962	11/15/2019	6	43997	0	0	0			11832455	45414	7569	1824	23.2"
963	11/18/2019	3	43999	2	1	0			11884455	52000	17333	4177	21.3"
964	11/26/2019	8	44050	51	6	1			11891022	6567	821	198	21.4"
965	12/3/2019	7	44835	785	112	11			11921991	30969	4424	1066	27.2"
966	12/13/2019	10	44835	0	0	0			11988929	66938	6694	1613	21.3"
967	12/18/2019	5	44836	1	0	0			12019804	30875	6175	1488	21.1"
968	12/23/2019	5	44836	0	0	0			12027360	7556	1511	364	21.3"
969	12/31/2019	8	44836	0	0	0			12189561	162201	20275	4886	17.0"

IESI BETHLEHEM LANDFILL

	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD
865	Phase IV PS-4 (Secondary)												
866	Date	days	totalizer	gallon	flow(gpd)	g/ac/day	Phase IV PS-4 (Primary)						sump
867							totalizer	gallons	flow(gpd)	g/ac/day	inches		
918	1/3/2019	7	404	0	0	0	1560143	1	0	0	19.3"		
919	1/8/2019	5	483	79	16	1	1856942	296699	59340	14299	22.1"		
920	1/14/2019	6	586	103	17	2	1875514	18672	3112	750	15"		
921	1/21/2019	7	586	0	0	0	2019879	144365	20624	4970	14.1"		
922	1/31/2019	10	941	355	36	3	2269621	249742	24974	6018	22.5"		
923	2/5/2019	5	941	0	0	0	2286229	16608	3322	800	21.0"		
924	2/14/2019	9	941	0	0	0	2352286	66057	7340	1769	28.4"		
925	2/19/2019	5	941	0	0	0	2413009	60723	12145	2926	20.4"		
926	2/28/2019	9	941	0	0	0	2515643	102634	11404	2748	21.8"		
927	3/11/2019	11	941	0	0	0	2598596	82953	7541	1817	23.6"		
928	3/18/2019	7	941	0	0	0	2638297	39701	5672	1367	27.2"		
929	3/29/2019	11	941	0	0	0	2781453	143156	13014	3136	28.4"		
930	4/4/2019	6	1410	469	78	7	2813906	32453	5409	1303	25.8"		
931	4/10/2019	6	1410	0	0	0	2825936	12030	2005	483	23.0"		
932	4/17/2019	7	1876	466	67	6	2960696	134760	19251	4639	20.3"		
933	4/24/2019	7	2347	471	67	6	3115337	154641	22092	5323	20.5"		
934	5/1/2019	7	2347	0	0	0	3206530	91193	13028	3139	22.5"		
935	5/10/2019	9	3177	830	92	9	3344706	139176	15353	3699	24.5"		
936	5/17/2019	7	4100	923	132	12	3467360	122654	17522	4222	17.5"		
937	5/23/2019	6	5025	925	154	15	3498223	30863	5144	1239	24.7"		
938	5/28/2019	5	5025	0	0	0	3539718	41495	8299	2000	25.3"		
939	6/5/2019	8	5867	842	105	10	3609010	69292	8662	2087	16.4"		
940	6/13/2019	8	5867	0	0	0	3631923	22913	2864	690	23.3"		
941	6/20/2019	7	5867	0	0	0	3713591	81668	11667	2811	20.4"		
942	6/28/2019	8	5867	0	0	0	3759324	45733	5717	1378	18.0"		
943	7/1/2019	3	7204	1337	446	42	3767723	8399	2800	675	17.0"		
944	7/11/2019	10	8125	921	92	9	4498897	731174	73117	17619	26.1"		
945	7/16/2019	5	8592	467	93	9	4923581	424684	84937	20467	18.4"		
946	7/24/2019	8	8592	0	0	0	5664842	741261	92658	22327	30"		
947	7/30/2019	6	9032	440	73	7	5733986	69144	11524	2777	22"		
948	8/6/2019	7	9032	0	0	0	5754642	20656	2951	711	24.3"		
949	8/15/2019	9	9032	0	0	0	5765687	11045	1227	296	24.4"		
950	8/23/2019	8	9032	0	0	0	6038789	273102	34138	8226	28.1"		
951	8/30/2019	7	9116	84	12	1	6134265	95476	13639	3287	20.6"		
952	9/6/2019	7	9189	73	10	1	6147998	13733	1962	473	22.1"		
953	9/13/2019	7	9191	2	0	0	6159500	11502	1643	396	29.2"		
954	9/19/2019	6	9191	0	0	0	6168665	9165	1528	368	24.6"		
955	9/27/2019	8	9191	0	0	0	6171665	3000	375	90	29.7"		
956	9/30/2019	3	9191	0	0	0	6182314	10649	3550	855	30.8"		
957	10/7/2019	7	9191	0	0	0	6196175	13861	1980	477	25.5"		
958	10/15/2019	8	9191	0	0	0	6226108	29933	3742	902	28.5"		
959	10/22/2019	7	9394	203	29	3	6246068	19960	2851	687	22.3"		
960	10/31/2019	9	9618	224	25	2	6260571	14503	1611	388	21.3"		
961	11/9/2019	9	9619	1	0	0	6294895	34324	3814	919	28"		
962	11/15/2019	6	9619	0	0	0	6303289	8394	1399	337	16.4"		
963	11/18/2019	3	9619	0	0	0	6307164	3875	1292	311	17.8"		
964	11/26/2019	8	9619	0	0	0	6316287	9123	1140	275	21.1"		
965	12/3/2019	7	9683	64	9	1	6339235	22948	3278	790	29.3"		
966	12/13/2019	10	10,108	425	43	4	6388537	49302	4930	1188	29.4"		
967	12/18/2019	5	10546	438	88	8	6423205	34668	6934	1671	28.7"		
968	12/23/2019	5	10546	0	0	0	6434183	10978	2196	529	28.1"		
969	12/31/2019	8	10546	0	0	0	6481878	47695	5962	1437	28.0"		

# IESI ODOR COMPLAINT LOG (2335 Applebutter Rd, Bethlehem, PA 18017)

Date	Time	Address	Weather Data (Allentown (KABE))			Distance from Landfill (miles)	Skies	Temperature		Wind (out of)	Residence / Drive-by	Description / Notes	Gas Management Data			Date of Initial Response	Addressed in Insp Report Dated
			Temperature	Humidity	Flare (scfm)			BRE (scfm)	Total (scfm)								
01/08/19	18:48	Johnston Ave, Steel City	40.0		Calm	1.170	Cloudy	40.0			Residence	Getting fumes from IESI Landfill on property	1355	1584	2939	1/16/19 (WM)	
02/01/19	6:59	Johnston Ave, Steel City	0.0		Calm	0.980	Mostly Cloudy	0.0			Residence	Odor on property	2569	0	2569	2/1/2019	1/16/19 (WM)
02/26/19	10:20	Applebutter Rd., Bethlehem	30.0		N @ 1	0.420		30.0			Residence	Terrible odors (also garbage in trees and water runoff from IESI landfill)	2669	0	2669	2/28/2019	5/16/2019
03/01/19	7:00	Applebutter Rd., Bethlehem	26.0		SE @ 0	0.420		26.0			Residence	garbage odor from IESI landfill	2598	0	2598	4/15/2019	5/16/2019
03/07/19	18:58	Applebutter Rd., Bethlehem	27.0		ESE @ 0	NA		27.0			Drive-by	Odor from landfill on Applebutter Rd. & toward town, Bethlehem	2624	0	2624	4/15/2019	5/16/2019
03/12/19	19:00	Saucon Ave, Steel City	40.0		SE @ 0	0.980		40.0			Residence	Landfill/gas odors on property	2666	0	2666	4/15/2019	5/16/2019
03/13/19	10:00	Saucon Ave, Steel City	33.0		SW @ 0	0.980		33.0			Residence	Landfill/gas odors on property	2807	0	2807	4/15/2019	5/16/2019
04/04/19	14:27	Applebutter Rd., Bethlehem	58.0		WNW @ 1	0.420		58.0			Residence	Garbage odor on property from IESI landfill	1427	0	1427	4/15/2019	5/16/2019
04/13/19	6:48	Applebutter Rd., Bethlehem	62.0		ESE @ 0	0.420		62.0			Residence	Horrible odor from IESI landfill	2831	0	2831	4/15/2019	5/16/2019
06/09/19	14:41	Applebutter Rd., Bethlehem	69.0		Calm	0.420	Fair	69.0			Residence	Odors on property from landfill	3062	0	3062	7/1/2019	8/21/2019
06/11/19	21:03	Applebutter Rd., Bethlehem	67.0		N @ 8	0.420	Fair	67.0			Residence	Odors from the landfill	2649	0	2649	7/1/2019	8/21/2019
07/18/19	20:48	Mixsell Ave, Steel City	79.0		NE @ 5	0.801	Mostly Cloudy	79.0			Residence	Strong gas smell for about 30 min. on property	2616	0	2616	7/19/2019	8/21/2019
07/23/19	12:51	Applebutter Rd., Bethlehem	74.0		N @ 7	0.590	Cloudy	74.0			Residence	Odors on property from IESI landfill, odors have also been present for past 4 days.	2384	0	2384	7/23/2019	8/21/2019
07/24/19	20:25	Applebutter Rd., Bethlehem	79.0		calm	0.420	Mostly cloudy	79.0			Residence	The landfill is smelling terrible today	3051	0	3051	8/21/2019	8/21/2019
07/31/19	10:07	Sherry Hill Rd, Bethlehem	81.0		calm	0.630	Fair	81.0			Residence	The landfill on Applebutter Rd. in Lwr. Saucon Twp. Has had horrible odors the last 2 weeks. You can smell it on Sherry Hill Rd., Easton Rd and even while travelling on I-78. Have lived on Sherry Hill Rd. for 4 years and haven't smelled it till the last 2 weeks. Can someone please look into it	2992	0	2992	8/21/2019	8/21/2019
08/01/19	10:30	Johnston Ave, Steel City	79.0		NE @ 6	1.170	Fair	79.0			Residence	Gas smell from landfill-going on from 10:30-time of call at 17:06	0	0	0	8/21/2019	8/21/2019
08/23/19	18:40	Applebutter Rd., Bethlehem	74.0		N @ 8	0.420	Fair	74.0			Residence	Garbage odor at home from the landfill				9/9/2019	9/10/2019
08/25/19	19:29	Mixsell Ave, Steel City	74.0		E @ 9	0.801	Partly Cloudy	74.0			Residence	Garbage smell at home for past week				9/9/2019	9/10/2019
08/26/19	20:12	Mixsell Ave, Steel City	71.0		E @ 7	0.801	Fair	71.0			Residence	Gas/Garbage odor on property from landfill				9/9/2019	9/10/2019
09/01/19	13:54	Johnston Ave., Steel City	75.0		Calm	1.170	Mostly Cloudy	75.0			Residence	Smelling odors today. Odors also on Friday morning and 2 weeks ago. Something needs to be done as it is a holiday weekend. Odors are intermittent today & it smells like landfill gas.				9/9/2019	9/10/2019
09/05/19	18:15	Johnston Ave., Steel City	73.0		NNE @ 5	1.170	Fair	73.0			Residence	Detected landfill gas odors on property, it was intermittent.				9/9/2019	9/10/2019
09/05/19	22:00	Saucon Ave, Steel City				0.980					Residence	There is a terrible odor coming from the landfill				9/20/2019	9/10/19 (WM)
09/09/19	19:00	Riverside Drive, Bethlehem				1.176					Residence	Landfill gas odors on property.				9/10/2019	9/10/19 (WM)
09/09/19	19:13	Johnston Ave., Steel City				1.170					Residence	Strong landfill gas can be detected on property.				9/10/2019	9/10/19 (WM)
09/09/19	19:19	Saucon Ave, Steel City				0.951					Residence	The smell from the landfill is horrible. Can detect on property.				9/20/2019	9/10/19 (WM)
09/09/19	20:39	Saucon Ave, Steel City				0.980					Residence	Detecting landfill gas on property				9/20/2019	9/10/19 (WM)
09/13/19	6:13	Applebutter Rd., Bethlehem				0.590					Residence	Getting a strong methane gas smell from the landfill				9/20/2019	9/10/19 (WM)
09/14/19	9:46	Ginger Lane, Bethlehem				1.620					Residence	methane odor from landfill on caller's property					
09/16/19	21:38	Saucon Ave, Steel City				0.931					Residence	Garbage smell coming from landfill, has been going on for 3 weeks.				9/16/2019	9/16/19 (ER)
09/16/19	21:43	Saucon Ave, Steel City				0.980					Residence	Landfill gas at home. Has been going on since August.				9/16/2019	9/16/19 (ER)
09/18/19	16:02	Johnston Ave., Steel City				1.170					Residence	Landfill gas detected on property				10/2/2019	9/10/19 (WM)
09/18/19	19:12	Saucon Ave, Steel City				0.931					Residence	Rotten garbage odor on property from landfill				9/20/2019	9/10/19 (WM)
09/20/19	5:00	Johnston Ave., Steel City				1.170					Residence	Smelled this morning in bedroom that was coming through windows. Odor was disgusting and pretty strong.				10/2/2019	9/10/19 (WM)
09/20/19	6:51	Saucon Ave, Steel City				0.893					Residence	Rotting garbage odor detected on property				9/20/2019	9/10/19 (WM)
09/20/19	8:29	Saucon Ave, Steel City				0.958					Residence	Odors from landfill on property are extra strong this morning. Has also smelled it the last few weeks.				9/20/2019	9/10/19 (WM)
09/21/19	11:31	Saucon Ave, Steel City				0.980					Residence	Gas smell on property from landfill				10/2/2019	9/10/19 (WM)
09/26/19	18:30	Applebutter Rd., Bethlehem				0.420					Residence	Methane gas smell from the landfill is horrible and can be detected on property				10/2/2019	9/10/19 (WM)
09/30/19	14:38	Johnston Ave., Steel City				1.170					Residence	Intermittent gas odor on property.				10/2/2019	9/10/19 (WM)

10/01/19 23:02	Saucon Ave, Steel City	0.980	Residence	Landfill gas odor detected on property.	10/02/2019	9/10/19 (W/M)
10/02/19 14:40	Johnston Ave., Steel City	1.170	Residence	Landfill gas on property is extremely strong.	10/04/2019	9/10/19 (W/M)
10/03/19 14:55	Saucon Ave, Steel City	0.980	Residence	landfill gas smell on property-it is pretty strong. Called back at 16:23 to report there is still a terrible odor from landfill & has been going on for several hours	10/04/2019	9/10/19 (W/M)
10/03/19 15:14	Riverside Drive, Bethlehem	1.176	Residence	Landfill gas odor on property in front and backyards	10/04/2019	9/10/19 (W/M)
10/04/19 10:30	Saucon Ave, Steel City	0.980	Residence	odor on property at 10:30. No longer on property at time of call at 10:53.	10/08/2019	10/18/19 (W/M)
10/05/19 14:13	Johnston Ave., Steel City	1.170	Residence	Landfill gas detected on property	10/08/2019	10/18/19 (W/M)
10/05/19 19:24	Mixell Ave, Steel City	0.801	Residence	Landfill garbage smell detected on property	10/08/2019	10/18/19 (W/M)
10/07/19 15:54	Applebutter Rd., Bethlehem	0.420	Residence	Gas odor on property.	10/08/2019	10/18/19 (W/M)
10/24/19 A.M.	Johnston Ave., Steel City	1.170	Residence	Landfill odor	10/28/2019	10/18/19 (W/M)
10/18/19 11:57	Kings Mill Rd, Hellertown	1.569	Residence	Odor from Bethlehem landfill, lives about 2 miles away	10/18/2019	10/18/19 (W/M)
10/22/19 14:32	Johnston Ave., Steel City	1.170	Residence	Landfill odor on property. Opened door & could smell the odor right away.	10/28/2019	10/18/19 (W/M)
10/22/19 16:15	Riverside Drive, Bethlehem	1.176	Residence	Strong rotten egg smell on property from landfill	10/28/2019	10/18/19 (W/M)
10/24/19 18:30	Johnston Ave., Steel City	NA	Drive-by	Landfill odor smell in Staples parking lot off of Freemansburg Ave.	10/28/2019	10/18/19 (W/M)
10/25/19 11:30	Johnston Ave., Steel City	1.170	Residence	Intermittent landfill gas odor.	10/28/2019	10/18/19 (W/M)
10/25/19 14:58	Saucon Ave, Steel City	0.980	Residence	Intermittent landfill gas odor on property. It is very strong when it happens. This has been going on for too long now.	10/28/2019	10/18/19 (W/M)
10/26/19 18:24	Saucon Ave, Steel City	0.980	Residence	Landfill gas detected on property	10/28/2019	10/18/19 (W/M)
10/27/19 0:15	Johnston Ave., Steel City	1.170	Residence	Landfill gas smell on property	10/28/2019	10/18/19 (W/M)
10/28/19 9:04	Kings Mill Rd, Hellertown	NA	Drive-by	Detected an odor on Easton Rd. near the Industrial Park that is believed to be from the IESI Landfill. Windows were up in car & odors were entering vehicle.	10/30/2019	10/18/19 (W/M)
10/28/19 16:47	Johnston Ave., Steel City	1.170	Residence	The landfill is really smelling bad.	10/28/2019	10/28/19 (ER)
10/28/19 17:02	Saucon Ave, Steel City	0.980	Residence	Landfill gas odor at home.	10/28/2019	10/28/19 (ER)
10/29/19 20:39	Riverside Drive, Bethlehem	1.176	Residence	Landfill gas is terrible.	10/30/2019	10/18/19 (W/M)
11/04/19 6:19	Saucon Ave, Steel City	0.893	Residence	Landfill gas odor on property		
11/11/19 10:12	Saucon Ave, Steel City	0.951	Residence	Keep smelling landfill gas on property, it has been so bad inside their garage for the past 30 min.		
11/22/19 11:40	Johnston Ave., Steel City	NA	Drive-by	While driving on Riverside Dr. going up the hill, could detect a gas smell coming from the landfill.		
11/30/19 19:06	Johnston Ave., Steel City	1.170	Residence	Landfill gas odor on property. Called back at 20:03, as they have not heard back. Going on 1 hour. Concerned because IESI has been quiet with malodors except for the past few months. Would like to know if anything out of the ordinary is going on producing the malodors lately.		
11/30/19 19:26	Johnston Ave., Steel City	1.170	Residence	It smells like propane and something else that's decomposing. Please call.		
11/30/19 19:31	Saucon Ave, Steel City	0.980	Residence	Landfill gas odor on property		
12/12/19 18:16	Johnston Ave., Steel City	1.170	Residence	Intermittent gas smell, comes and goes, but it's very strong and nauseating when you can smell it.		
12/25/19 unknown	Riverside Drive, Bethlehem	NA	non-Residence	Detected plastic burning odor while walking in steel city neighborhood on Riverside Dr., Schwab Ave. & Johnston. It's a very strong odor.	12/27/2019	
12/25/19 15:50	Johnston Ave., Steel City	1.170	Residence	Offensive gas odor on property for an hour that is coming from the landfill. Called back at 16:43	12/27/2019	
12/26/19 16:10	Saucon Ave, Steel City	0.980	Residence	Rotten egg or landfill gas on property. Called again at 17:51, still smelling the rotten egg or landfill gas smell on property for over 2 hours.	12/27/2019	
12/26/19 16:05	Riverside Drive, Bethlehem	NA	non-Residence	Detected plastic burning odor while walking in steel city neighborhood on Riverside Dr., Schwab Ave. & Johnston. It's a very strong odor.	12/27/2019	
12/29/19 15:56	Saucon Ave, Steel City	0.931	Residence	Garbage and gas odor on property from landfill that has been going on for a few days.		
12/29/19 16:41	Johnston Ave., Steel City	1.170	Residence	very faint landfill gas odor on property		
12/29/19 16:46	Saucon Ave, Steel City	0.980	Residence	landfill gas odor on property		

12/30/19 14:01	Easton Rd., Bethlehem	2.748	Residence	Foul smell of gas from landfill on property. Odor is really bad.
01/07/20 8:53	Saucun Ave, Steel City	0.893	Residence	Landfill gas odor detected on property
01/07/20 10:52	Johnston Ave., Steel City	1.170	Residence	Slight gas odor that is intermittent