

## Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, August 13, 2020, **Via Zoom**  
Time: 6:00 p.m.  
Location: Lower Saucon Township  
Attendance: **Hanover Engineering**: Scott Brown; **Bethlehem Landfill**: Astor Lawson & David Pannucci; **Members**: Hazem Hijazi & Neil Ortwein (*both absent*); **Staff Members**: Diane Palik; **Council Liaison**: Priscilla deLeon (6:07 p.m.); **Guests**: Andrew Krasnansky, Don Bowman, Ron Madison, Donna Louder.

Mr. Pannucci reviewed the monthly tonnages for July:

	<u>May</u>	<u>June</u>	<u>July</u>
MSW	24,821.94	29,224.78	26,830.88
C&D	5,583.77	6,688.18	8,113.21
Residual (Total)	3,121.91	1,760.98	2,256.69
Asbestos	0.24	0.00	0.00
Sewage Sludge	202.99	272.40	436.85
Out of State (Total)	22,651.56 (67%)	24,757.91 (65%)	23,981.73 (64%)
Recycle	11 (91%)	13 (85%)	14 (86%)

Mr. Pannucci said there were four Form U Submittals, two from July 22, 2020 and two from August 4, 2020. The third quarter sampling event is scheduled for August 24 – 26, 2020. They submitted the Q2 2020 Host Municipality Benefit Fee Report and the Q2 2020 Groundwater Report to the Township. There were no DEP inspections; and Scott Brown did a Host Municipal Inspection on August 5, 2020. Mr. Pannucci said the total number of trucks for July was 3,021. There were 81 overweight's, 41 warnings, and 39 suspensions.

Mr. Pannucci said the July Average Flow Rate was 3,720 SCFM. There were two shutdowns in the month of July, one on July 11<sup>th</sup> of 17 minutes and one on July 13 of 1 hour and 51 minutes. Mr. Brown said could you go over the flare outage. Mr. Pannucci said we're pretty sure it was related to the storm, but the blower did malfunction. It was the motor, and their third party contractors came out and they had a motor on the shelf, which they used and were able to respond to that very quickly. The flare was down 1-1/2 days, and the third party was pretty responsive and swapped it out and they were back up and running. The back-up motor is in and the one that malfunctioned is in the shop getting repaired so they will have that as a back-up. It was the evening after the Tropical Storm, so they aren't sure if it was related or not. Mr. Lawson said it went out in the middle of the night and the alarm was set off that went to the Plant Manager's phone and he got a call about 3 a.m. that Cody was out working on it.

Mr. Pannucci said the North Slope Road needed some repairs after the Tropical Storm hit, which was some minor erosion. Mr. Lawson said they are fixing that. The drains are what eroded, but the drainage is still working great.

Mr. Pannucci said 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 flow rates continue to be monitored and reported. Intermittent malfunction of the well pumps and controls are repaired or replaced as needed.

Mr. Pannucci said there were three radioactive loads for July. These were waste streams, which met level 1 requirements and were disposed of onsite. The SE Realignment (SR) Construction Activity waste operations are in SE-1B. There were no odor complains in July 2020.

Mr. Brown said he was out on August 5<sup>th</sup> and Astor and Dave went with and saw the culprit, it looks like there was some major erosion down in Cell 3A that blocked up the inlet pipes in sanitation pond No. 1 that flowed down and came out where Tina Krasnansky had snapped some of the photos. They discussed some repairs today that they are thinking about conducting.

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Mr. Lawson said for the repairs, where the pipe goes into the basin, it's a small pipe and rocks that go to the channel goes into it with a black liner and the stone is 3" and that kind of went down there and there was sediment that clogged up the pipe which creates an overflow and keeps going down the hill instead of the basin. They are looking to increase the size of the pipe and clean it out so it doesn't go over the side of the road.

Mr. Brown said for the Narrows, it didn't look like any of the North Slope drainage was eroded away. There was a Godly amount of rain and no system is designed to handle that kind of flow. He didn't see anything else that needed to be done on the North Slope.

Mrs. deLeon said Leslie told her today that the Narrows is open again. Mr. Brown said he drove through and it is passable but not the greatest work, but he's sure PennDOT did what they had to do to get it open and passable. Mrs. deLeon said considering all the rain, she was expecting it to be worse.

Mrs. deLeon said she was on the Bethlehem Landfill (BL) website it said "*Bethlehem Landfill has completed projects to both realign and rezone the landfill. The rezoning project in 2013 provided for the development of 58 acres of new landfill cells. The project allowed our company to continue operations for years to come. Continued operations of our facility gives continued benefits to our community in the form of host agreement payments, contributions, and taxes*". She said we didn't rezone the landfill, that is wrong, so you need to go in there and fix that. Mr. Lawson said he didn't write it but he can definitely email someone and have it fixed.

Mrs. deLeon said she's not sure if it was when the BL was presenting their expansion plan, but we got an email from Sue Severn on July 22<sup>nd</sup>, and she will read you the response Leslie sent today so everyone is aware of it. It says "*I apologize for the delay in responding. I did request information from the Landfill and wanted to provide that. In speaking with Astor, he acknowledged that he knows there have been trucks seen speeding. He asked if you can provide them with the trucking company name if it is visible, they will contact the company and discipline as necessary. They also requested any assistance that our PD can provide to help in this matter. He stated that no machines are working prior to 6 a.m. The crew clocks in at 6 and at that time after they clock in they change clothes and get coffee. Machines would then be started between 6:15 to 7. Once they do their pre-inspection and actually start the machine, he estimates that it would be closer to 6:30 to 7 till they actually begin work. He said they are very concerned about their employee's safety as well as anyone who enters the landfill and take all necessary safety precautions. Please continue to voice your concerns with Landfill officials and DEP and include the Township as we will do what we can. Thank you. Leslie*".

Mr. Lawson said he's been contacted by Officer Barndt so they are in communication with him helping the BL with overweight's and some of the speeding trucks.

Mr. Brown asked if there were any public comments. Mrs. Louder said she sent an email and pictures to the Zoning Officer, Leslie and Chris Taylor after the torrential rains. Mr. Brown said he was out and saw the Hill Climb. Mrs. Louder said she didn't know if the water came down from the top of the Hill Climb as the top is the North Slope as when you drive the road it kind of pitches that way. This is something she's just mentioning because the Hill Climb was destroyed and there's going to have to be a lot of work for anyone to run a bike up there.

Mrs. Louder said the leachate with all this water, did any levels come up higher in 6, 7 or 8? Was there anything in the basin that's not supposed to be? Mr. Pannucci said as far as leachate flows go, he hasn't seen any large swings, but it could take time for that water to make its way to the basin. Mrs. Louder said LMC-6, 7 and 8, what was happening was the leachate was getting into part of that collection system that it didn't belong in, and she's just wondering if that happened with this rain. Mr. Pannucci said he didn't see anything. It wasn't a large swing with the rain. She's just questioning it if there's a tear in the liner or what was happening with the collection system.

Mrs. Louder said she looked at the Township website and HEA hasn't been out there since June. Did you do a report in July? Mr. Brown said they have been out twice in July and another time in August. Mrs. Louder said

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she's hoping the Township could get it on the website for the residents. Mr. Brown said he was out last week and he was going to do a follow-up this week, he was going to do a combined report for the past two visits with pictures and he'll get that out on Monday.

Mr. Louder said she'd like to discuss the accidents on Applebutter Road. Does anyone have a record of that and if your clients are involved in most of them and are there any plans to repair Applebutter Road to widen it or do anything with it because of the number of trucks. Mr. Lawson said they haven't had any official talks about doing that and as far as accidents go, there was one in the winter with a truck. Mrs. Louder said there was one a couple of weeks ago, but it was more on the Bethlehem side, maybe that's why.

Mrs. Louder said with the flare going down and the motor being replaced, do you have another new motor on the shelf in case it goes down again. Mr. Lawson said correct. Generally that's how it works and the power plant is the backup but without that available right now, they need to have a back-up. Mrs. Louder said that's still in litigation? Mr. Lawson said yes.

Mr. Lawson asked where was the tear in the liner you had mentioned? Mrs. Louder said if you go back and look at the report there was always a collection of leachate in the part of the secondary basin, and it was in 8 always, then it went flowing into 7 and then into 6. Normally what would happen is when there was a rain event, it would elevate. She's just wondering if that was fixed because of the SE Realignment (SER). Mr. Pannucci said he only has a year's worth of data from the notes, but it's pretty steady. He'd have to go back a little further to see if over time it's trended down. He said 8 still does have some large swings and he hasn't seen it in the numbers yet, but it doesn't mean it won't happen as it takes time for the water to go through. Nothing jumped out at him. Mrs. Louder said if you go back in the HEA reports, you can see it. Mr. Brown said he'll follow up with Chris Taylor.

Mrs. Louder said Laressa was part of this and you can check her reports and you'll definitely find it in there. She wondered with the torrential rains if it was affected. They were promised it was supposed to be cured when the SER was put together, and it should have sealed it by now. Mrs. deLeon said this has been a concern with the leachate mixed in the detention zones for a while. Mr. Brown said what he recalls is it's basically scheduled to get fixed by 2023, if it got worse, consider doing it sooner. Mr. Lawson said he'll definitely look into it.

Mrs. Louder said the overweight trucks are out of control, she'd suggest somebody call the PA State Police (PSP) and ask them to do one of their spot checks. Our guys used to do it, with PSP, they just come in randomly. Mr. Lawson said when he talked to Officer Barndt, he brought that up. He asked for an officer to come over and mentioned it to the DEP as well. Actually having someone out here and giving them a fine would be a huge benefit to the BL also. Talking to Officer Barndt, it sounded like they were going to set up random days when they will come out and sit. Mrs. Louder said the trucks that are overweight, are they coming from your site? Mr. Lawson said some do come from NY and some come from other customers as well. Mrs. Louder said that's a sore spot as well, it's just too many. She said the noise is still there during the day, but that's okay.

Mr. Andrew Krasnansky said he heard something mentioned about the trucks going up and down Applebutter Road. He created a spreadsheet and has about 30 incidents of trucks going up and down the road with speeding, and has the names of the carriers. The only thing is he can't get a truck number off as they are on the left side. He has the times, dates and color of the truck. He mentioned the vibration and lately they have been getting a little crazy. He can sit in the house and it just starts vibrating, it starts and stops and starts and stops and that will be on the spreadsheet also. It's been going on for a couple of months and he thinks it has a lot to do with the construction.

Mr. Krasnansky said the water runoff pictures taken were sent to DEP, they were dated Sunday, August 2<sup>nd</sup>, and some Friday, August 7<sup>th</sup> and some the date of the flood, August 4<sup>th</sup>. He's also going to start writing down all the odors they've been getting. DEP comes around some times in the morning and a few in the afternoon and it all depends on which way the winds blowing.

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Mr. Lawson asked Mr. Krasnansky to send the list and they will reach out to the trucks. Mrs. deLeon asked Mr. Krasnansky if he was calling DEP when he smells the odors. Mr. Krasnansky said he hasn't yet, but he finally got the 800 number. Mr. Brown said in addition to calling DEP, call Mr. Lawson. Mr. Lawson said you can call him anytime. Mr. Krasnansky said he's hears all kinds of noises and smells things and now he's going to start reporting it. Mr. Brown said take up Mr. Lawson's offer. He's not saying don't call DEP but if you can get him out there when it's actually current, they can see it themselves and it would be easier for them to track it down. Mr. Krasnansky said the biggest thing is wind direction.

Mrs. deLeon said she hasn't smelled any odors, in a while, maybe just a whiff, and hasn't heard from anybody. Almost 99% of the time she calls DEP, and she follows up and texts Dave and Astor. DEP may not come out but at least they have a record of the incident and the Landfill guys can go out and smell it themselves.

Mrs. Louder asked Mr. Lawson if the misters were up and running at the landfill. Mr. Lawson said not yet, they had the engine refurbished and they are getting a quote for the other side. He doesn't know the last time they ran. Mrs. Louder said it's going to give you something, but it's not going to make it go away. Mr. Lawson said the best way to make it go away is to fix all the seeps and basically have them run properly. That's why he's here now and working diligently to get a lot of those deficiencies corrected. They are working on getting the odor misters set up on both sides of the landfill and currently using the mobile mister, which is an effort, but having them on both sides is a lot better.

Mrs. Louder said it's unacceptable because it's our quality of life and she personally would like to see the landfill, instead of getting bigger, get a handle on what you have now, including the North Slope, including the odor complaints, including the SER getting it cleaned up, including your flare, including the litigations coming to closure, before you move forward with anything else. It seems to be falling apart at the seams as there is too much multi-tasking and sometimes that's not a good thing. It seems there are a lot of loose ends, overweight trucks, odors, it's too much and she knows from experience the ins and outs of the operation of the landfill, this is all part of it, but not to this degree that it starts affecting the quality of life. Mr. Lawson said he agrees.

Mr. Krasnansky said he'll keep a log of the trucks. Mrs. Louder said as her husband is a Police Officer, she knows there are times a resident complains about something in their neighborhood whether it be speeding cars because of school busses or whatever, they request to Chief Barndt that an Officer spend at least part of his shift stationed on that road and that probably wouldn't take too much as it would be day shift as the trucks aren't coming in and out at night. Maybe they can be sitting in Mr. Krasnansky's driveway or up the road and if that truck doesn't belong there, they can get them as those are Township roads. Part of Applebutter is not a Township road, but Mr. Krasnansky's house is a Township road. She thinks Chief Barndt needs to be aware of what's going on and maybe he can make a detail of what's going on and have them sit there. She can drop a little bird too. Mr. Lawson said any help will be appreciated.

Mr. Krasnansky said the other day from the storm, there was water coming out of anywhere, wherever you went and Applebutter Road was like a freaking river. It flooded out at Fritz's Body Shop and we lived through it.

The meeting ended at 6:43 p.m. The next meeting is on Thursday, September 17, 2020 at 1:00 p.m.

**Bethlehem Landfill Company  
LST Committee Meeting Notes July 2020  
August 13, 2020**

**Agenda Items**

**I. Waste Activities**

Monthly Tonnages

	May	June	July
MSW	24,821.94	29,224.78	26,830.88
C&D	5,583.77	6,688.18	8,113.21
Residual (Total)	3,121.91	1,760.98	2,256.69
Asbestos	0.24	0.00	0.00
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Recycle	11 (91%)	13 (85%)	14 (86%)

<u>Form U Submittals</u>	<u>Waste</u>	<u>Approval Date</u>
Spectraserv, Inc.	Industrial WWTP Sludge (203)	7/22/20
P&C Realty 2, LLC	Contaminated Concrete (999)	7/22/20
The Dallas Group of America	Asbestos-Containing Waste (501)	8/4/20
Allentown State Hospital	Asbestos-Containing Waste (501)	8/4/20

**II. Annual Groundwater Trend Analysis**

Third quarter sampling event is scheduled for 8/24/20 – 8/26/20.

**III. Correspondence / Reports**

Q2 2020 Host Municipality Benefit Fee Report  
Q2 2020 Groundwater Report

**IV. Landfill Operations**

Department of Environmental Protection Inspections

None

Host Municipal Inspection

8/5/20 S. Brown

<u>Commercial Waste Vehicles</u>	May	June	July
Total #Trucks	2,719	3,070	3,021
	May	June	July
Overweight	68	71	81
Warnings	64	58	41
Suspensions	4	13	39

May – TT=49, RL=4, DT=15 June – TT=63, RL=5, RO=1, DT=2 July – TT=68, RL=8, RO=2, SL=1, 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.**

**July Average Flare Flow = 3,720 SCFM**

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

Beginning of event shutdown Flare	Date: 7/11/20	Time: 21:31	
End of event startup	Date: 7/11/20	Time: 21:48	Duration: 00:17min
Beginning of event shutdown Flare	Date: 7/13/20	Time: 21:43	
End of event startup	Date: 7/13/20	Time: 23:34	Duration: 01:51min

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.

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 July (Lu-177, Tc-99m, and Tl-201). 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**  
**July 2020**

<u>Location</u>	<u>Total gallons</u>
LMC-6	23,489
LMC-7	28,722
LMC-8	63,224
PS-4	61,048
LMC-10	1,682,772
PS-1	165,842
PS-2	82,344
PS-3	80,164
Phase-IV	328,350

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	1,682,772
Phase IV	328,540
<b>TOTAL</b>	<b>2,011,312 gallons</b>

**Total Leachate**

Leachate	387,483
Phase IV	328,350
<b>TOTAL</b>	<b>715,833 gallons</b>

LMC-10 Flow – Abatement System Flow = Leachate System Flow (gallons).  
 Abatement System Flow = 1,295,289 gallons (Neptune Flow meters)



# BETHLEHEM LANDFILL

## GROUNDWATER DEMAND REPORT June 2020

<b>Well No.</b>	<b>Water Level (avg. ft SWL*)</b>	<b>Flow (avg. GPM)</b>	<b>(Total gal)</b>
AB-1R	71.1	5.6	248,427
AB-2	46.2	2.0	87,480
AB-3	24.1	0.2	8,296
AB-4	28.7	1.4	61,044
AB-5	40.9	0.4	19,380
AB-6	42.7	0.7	30,045
AB-7	41.1	1.4	62,393
AB-8	1.5	0.0	0
AB-9	40.6	2.4	104,953
AB-10	78.6	15.1	673,271
TW-1	54.4	<0.1	0.0
<b>Total Flow</b>			<b>1,295,289 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 (gp)	G/A/D	TOTALIZER	GALLONS	LOW (gp)	G/A/D	TOTALIZER	GALLONS	LOW (gp)	G/A/D
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
1/9/2020	9.00	86103	5,595	622	40	4533683	2656	295	24	8,254,367	30468	3,385	584
1/16/2020	7.00	103734	17,631	2,519	160	4535796	2113	302	25	8,272,539	18172	2,596	448
1/20/2020	4.00	105431	1,697	424	27	4537200	1404	351	29	8,283,908	11369	2,842	490
1/31/2020	11.00	113861	8,430	766	49	4540849	3649	332	27	8,313,691	29783	2,708	467
2/7/2020	7.00	117498	3,637	520	33	4543848	2999	428	35	8,332,956	19265	2,752	475
2/14/2020	7.00	121469	3,971	567	36	4552157	8309	1,187	97	8,349,090	16134	2,305	397
2/19/2020	5.00	124541	3,072	614	39	4555094	2937	587	48	8,374,124	25034	5,007	863
2/28/2020	9.00	146708	22,167	2,463	157	4566735	11641	1,293	106	8,381,062	6938	771	133
3/2/2020	3.00	148953	2,245	748	48	4571049	4314	1,438	118	8,385,856	4794	1,598	276
3/13/2020	11.00	149853	900	82	5	4593751	22702	2,064	169	8,392,624	6768	615	106
3/18/2020	5.00	157742	7,889	1,578	100	4598740	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	8969	1,794	309
4/7/2020	7.00	167821	4,718	674	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	348
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	2,564	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	218279	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

ID	A	B TIME (days)	C		D		E		F		J		K		L		M		O		R		S		T	
			TOTALIZER	GALLONS	LMC-8 GALLONS	SECONDARY FLOW (gpd)	LMC-8 GALLONS	SECONDARY FLOW (gpd)	TOTALIZER	GALLONS	LMC-7 GALLONS	SECONDARY FLOW (gpd)	LMC-7 GALLONS	SECONDARY FLOW (gpd)	TOTALIZER	GALLONS	LMC-8 GALLONS	SECONDARY FLOW (gpd)	TOTALIZER	GALLONS	LMC-8 GALLONS	SECONDARY FLOW (gpd)	TOTALIZER	GALLONS		LMC-8 GALLONS
1024																										
1025																										
1106	8/4/2019	7.00	2091276	7,000	1,000	64	2425004	0	0	6,824,280	0	0	6,824,280	3457	484	85										
1107	8/15/2019	8.00	2098276	7,000	778	50	2425004	0	0	6,826,529	0	0	6,826,529	2145	238	41										
1108	8/23/2019	8.00	3	0	0	0	2425004	0	0	6,827,443	0	0	6,827,443	918	115	20										
1109	8/30/2019	7.00	3	0	0	0	2425004	0	0	6,827,533	0	0	6,827,533	90	13	2										
1110	9/6/2019	7.00	3	0	0	0	2425004	0	0	6,827,533	0	0	6,827,533	0	0	0										
1111	9/13/2019	7.00	31	28	4	0	2425004	0	0	6,828,758	0	0	6,828,758	1225	175	30										
1112	9/19/2019	6.00	5745	5,714	952	61	2425004	0	0	6,829,448	0	0	6,829,448	690	115	20										
1113	9/27/2019	8.00	5746	1	0	0	2425004	0	0	6,835,148	0	0	6,835,148	5700	713	123										
1114	9/30/2019	3.00	5746	0	0	0	2425004	0	0	6,836,137	0	0	6,836,137	989	330	57										
1115	10/7/2019	7.00	7716	1,970	281	18	2425004	0	0	6,837,189	0	0	6,837,189	1052	150	26										
1116	10/15/2019	8.00	8015	299	37	2	2425004	0	0	6,839,252	0	0	6,839,252	2063	258	44										
1117	10/22/2019	7.00	8211	196	28	2	2425004	0	0	6,840,027	0	0	6,840,027	775	111	19										
1118	10/31/2019	9.00	8746	535	59	4	2425004	0	0	6,844,454	0	0	6,844,454	4427	482	85										
1119	11/6/2019	9.00	8875	129	14	1	2425004	0	0	6,874,132	0	0	6,874,132	28678	3,298	569										
1120	11/16/2019	6.00	9138	263	44	3	2425004	0	0	6,874,370	0	0	6,874,370	238	40	7										
1121	11/24/2019	3.00	9215	77	26	2	2425004	0	0	6,874,970	0	0	6,874,970	600	200	34										
1122	11/26/2019	8.00	9231	16	2	0	2425004	0	0	6,875,041	0	0	6,875,041	71	9	2										
1123	12/1/2019	7.00	9608	577	82	5	2425004	0	0	6,890,783	0	0	6,890,783	15742	2,249	388										
1124	12/13/2019	10.00	10183	375	38	2	2425004	0	0	6,932,170	0	0	6,932,170	41367	4,139	714										
1125	12/18/2019	5.00	10647	464	93	6	2425004	0	0	6,943,319	0	0	6,943,319	11148	2,230	384										
1126	12/23/2019	5.00	10601	154	31	2	2425004	0	0	6,976,378	0	0	6,976,378	33060	6,612	1,140										
1127	1/3/2020	8.00	10842	81	10	10	2425004	0	0	6,983,688	0	0	6,983,688	7310	914	158										
1128	1/8/2020	9.00	11523	641	71	5	2425004	0	0	7,018,109	0	0	7,018,109	33501	4,786	825										
1129	1/16/2020	7.00	11870	347	50	3	2425004	0	0	7,029,830	0	0	7,029,830	11721	2,930	505										
1130	1/20/2020	4.00	12097	227	57	2	2425004	0	0	7,057,279	0	0	7,057,279	27449	2,495	430										
1131	1/31/2020	11.00	12673	576	52	3	2425004	0	0	7,095,444	0	0	7,095,444	38165	5,452	940										
1132	2/7/2020	7.00	13048	375	54	3	2425004	0	0	7,095,444	0	0	7,095,444	44	6	1										
1133	2/14/2020	7.00	13425	377	54	3	2425004	0	0	7,095,448	0	0	7,095,448	44	6	1										
1134	2/18/2020	5.00	13741	316	63	4	2425004	0	0	7,103,141	0	0	7,103,141	7653	1,531	264										
1135	2/20/2020	9.00	13900	59	7	0	2425004	0	0	7,144,016	0	0	7,144,016	40875	4,542	783										
1136	2/22/2020	3.00	14326	526	175	11	2425004	0	0	7,160,891	0	0	7,160,891	16675	5,558	958										
1137	3/12/2020	11.00	14869	543	49	3	2425004	0	0	7,160,891	0	0	7,160,891	26	2	0										
1138	3/18/2020	5.00	15031	162	32	2	2425004	0	0	7,188,922	0	0	7,188,922	28205	5,641	973										
1139	3/26/2020	8.00	15529	498	62	4	2425004	0	0	7,229,561	0	0	7,229,561	40639	5,080	876										
1140	3/31/2020	5.00	15777	248	50	3	2425004	0	0	7,235,492	0	0	7,235,492	5931	1,186	205										
1141	4/7/2020	7.00	18112	335	48	3	2425004	0	0	7,271,027	0	0	7,271,027	35535	5,076	875										
1142	4/17/2020	10.00	18505	393	39	3	2425004	0	0	7,272,544	0	0	7,272,544	1517	152	26										
1143	4/20/2020	3.00	18780	255	85	5	2425004	0	0	7,365,255	0	0	7,365,255	32711	10,904	1,880										
1144	4/29/2020	9.00	17203	443	49	3	2425004	0	0	7,325,578	0	0	7,325,578	20323	2,258	389										
1145	5/6/2020	6.00	17503	300	50	3	2425004	0	0	7,325,591	0	0	7,325,591	13	2	0										
1146	5/13/2020	8.00	17888	385	48	3	2425004	0	0	7,365,096	0	0	7,365,096	39505	4,938	851										
1147	5/21/2020	6.00	18002	114	14	1	2425004	0	0	7,365,301	0	0	7,365,301	205	26	4										
1148	5/26/2020	5.00	18519	517	103	7	2425004	0	0	7,365,608	0	0	7,365,608	305	61	11										
1149	6/1/2020	6.00	18825	306	51	3	2425004	0	0	7,379,212	0	0	7,379,212	13606	2,268	391										
1150	6/10/2020	9.00	19278	453	50	3	2425004	0	0	7,382,369	0	0	7,382,369	3177	353	61										
1151	6/16/2020	6.00	19593	315	53	3	2425004	0	0	7,382,369	0	0	7,382,369	0	0	0										
1152	6/24/2020	10.00	20222	629	63	4	2425004	54	5	7,388,044	0	0	7,388,044	3655	366	63										
1153	6/30/2020	4.00	20381	159	40	3	2425004	0	0	7,388,144	0	0	7,388,144	100	25	4										
1154	7/10/2020	10.00	20742	401	40	3	2425004	0	0	7,386,660	0	0	7,386,660	516	52	9										
1155	7/16/2020	6.00	21016	234	39	2	2425004	0	0	7,397,961	0	0	7,397,961	11301	1,884	325										
1156	7/22/2020	6.00	21261	245	41	2	2425004	0	0	7,397,980	0	0	7,397,980	19	3	1										
1157	7/31/2020	9.00	21421	160	18	1	2425004	0	0	7,398,420	0	0	7,398,420	440	49	8										

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)						sump
867		(days)	TOTALIZER	GALLONS	FLOW (gpd)	g/ac/day			Totalizer	gallons	flow(gpd)	g/ac/day	inches
948	8/6/2019	7	490422	5268	753	29			58367307	60846	8692	334	13.6"
949	8/15/2019	9	495099	4677	520	20			58422434	55127	6125	236	16.7"
950	8/23/2019	8	499871	4772	597	23			58488300	65866	8233	317	23.3"
951	8/30/2019	7	501925	2054	293	11			58526759	38459	5494	211	23.9"
952	9/6/2019	7	505437	3512	502	19			58566769	40010	5716	220	15.7"
953	9/13/2019	7	508667	3230	461	18			58602412	35643	5092	196	21.5"
954	9/19/2019	6	511026	2359	393	15			58635982	33570	5595	215	14.7"
955	9/27/2019	8	511838	812	102	4			58671134	35152	4394	169	20.1"
956	9/30/2019	3	511838	0	0	0			58696611	25477	8492	327	19.5"
957	10/7/2019	7	511838	0	0	0			58733041	36430	5204	200	19.5"
958	10/15/2019	8	519849	8011	1001	39			58775510	42469	5309	204	8.7"
959	10/22/2019	7	520043	194	28	1			58829110	53600	7657	295	8.1"
960	10/31/2019	9	521277	1234	137	5			58844747	15637	1737	67	8.5"
961	11/9/2019	9	521678	401	45	2			58883755	39008	4334	167	22.1"
962	11/15/2019	6	521678	0	0	0			58915415	31660	5277	203	8.5"
963	11/18/2019	3	521678	0	0	0			58925455	10040	3347	129	21.8"
964	11/26/2019	8	521678	0	0	0			58930245	4790	599	23	21.3"
965	12/3/2019	7	521678	0	0	0			58996053	65808	9401	362	18.3"
966	12/13/2019	10	521678	0	0	0			59034888	38835	3884	149	17.8"
967	12/18/2019	5	521678	0	0	0			59067543	32655	6531	251	18.1"
968	12/23/2019	5	521678	0	0	0			59097424	29881	5976	230	17.9"
969	1/9/2020	17	521678	0	0	0			59392717	295293	17370	668	21.7"
970	1/16/2020	7	521718	40	6	0			60772939	92494	13213	508	24.0"
971	1/20/2020	4	521792	74	19	1			60791604	18665	4666	179	21.9"
972	1/31/2020	11	522081	289	26	1			60839281	47677	4334	167	23.8"
973	2/7/2020	7	522343	262	37	1			60874300	35019	5003	192	18.1"
974	2/14/2020	7	522536	193	28	1			60910938	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	522856	309	34	1			60977622	38679	4298	165	23.6"
977	3/2/2020	3	522916	60	20	1			60994698	17076	5692	219	16.4"
978	3/13/2020	11	523250	334	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			61206109	129133	16142	621	22.3"
981	3/31/2020	5	523567	183	37	1			61308672	102563	20513	789	15.9"
982	4/7/2020	7	523618	51	7	0			61359705	51033	7290	280	13.0"
983	4/17/2020	10	523671	53	5	0			61476748	117043	11704	450	16.4"
984	4/20/2020	3	523700	29	10	0			61504362	27614	9205	354	21.5"
985	4/29/2020	9	523720	20	2	0			61559365	55003	6111	235	18.9"
986	5/5/2020	6	523755	35	6	0			61595079	35714	5952	229	13.4"
987	5/13/2020	8	523844	89	11	0			61641720	46641	5830	224	12.1"
988	5/21/2020	8	523998	154	19	1			61661891	20171	2521	97	20.1"
989	5/26/2020	5	524039	41	8	0			61720812	58921	11784	453	18.9"
990	6/1/2020	6	524118	79	13	1			61751968	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			61833245	29075	4846	186	20.6"
993	6/26/2020	10	524301	24	2	0			61891777	58532	5853	225	13.6"
994	6/30/2020	4	524483	182	46	2			61910684	18907	4727	182	22.3"
995	7/10/2020	10	524566	83	8	0			61976383	65699	6570	253	14.7"
996	7/16/2020	6	524651	85	14	1			62012163	35780	5963	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			62076168	31547	3505	135	20.4"

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 )								
867	(days)	TOTALIZE	GALLONS	FLOW (gpd)	g/ac/day				Totalizer	gallons	flow(gpd)	g/ac/day	inches	
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			21597081	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	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			22101039	27319	3903	368	4.0"	
971	1/20/2020	4	7263	0	0	0.0			22117251	16212	4053	382	4.1"	
972	1/31/2020	11	7263	0	0	0.0			22159215	41964	3815	360	4.5"	
973	2/7/2020	7	7263	0	0	0.0			22189631	30416	4345	410	4.5"	
974	2/14/2020	7	7263	0	0	0.0			22223467	33836	4834	466	5.6"	
975	2/19/2020	5	7263	0	0	0.0			22227486	4019	804	76	5.3"	
976	2/28/2020	9	7263	0	0	0.0			22318120	90634	10070	950	5.3"	
977	3/2/2020	3	7263	0	0	0.0			22355010	36890	12297	1160	5.2"	
978	3/13/2020	11	7263	0	0	0.0			22383929	28919	2629	248	4.7"	
979	3/18/2020	5	7263	0	0	0.0			22403059	19130	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			22511958	31075	3108	293	5.1"	
984	4/20/2020	3	7263	0	0	0.0			22532039	20081	6694	631	5.3"	
985	4/29/2020	9	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			22623030	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	5	7263	0	0	0.0			22670532	27520	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	27195	3022	285	4.9"	
992	6/16/2020	6	7335	0	0	0.0			22734209	17308	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	259	5.0"	
995	7/10/2020	10	7335	0	0	0.0			22799449	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	9	7335	0	0	0.0			22855368	17468	1941	183	5.0"	

IESI BETHLEHEM LANDFILL

	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO
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
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	1/9/2020	17	44836	0	0	0			12254762	227402	13377	3223	15.5"
970	1/16/2020	7	44842	6	1	0			12294996	40234	5748	1385	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			12386988	13033	1629	393	18.1"
974	2/14/2020	7	44842	0	0	0			12401058	14070	2010	484	27.4"
975	2/19/2020	5	44842	0	0	0			12407059	6001	1200	289	27.1"
976	2/28/2020	9	44842	0	0	0			12480224	73165	8129	1959	23.0"
977	3/2/2020	3	44842	0	0	0			12500429	20205	6735	1623	23.0"
978	3/13/2020	11	44842	0	0	0			12578488	78059	7096	1710	25.1"
979	3/18/2020	5	44842	0	0	0			12613564	35076	7015	1690	27.4"
980	3/26/2020	8	44863	21	3	0			12665856	52292	6537	1575	25.4"
981	3/31/2020	5	44863	0	0	0			12700297	34441	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	64416	6442	1552	24.2"
984	4/20/2020	3	44863	0	0	0			12859101	41548	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	58772	9795	2360	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	6/1/2020	6	44863	0	0	0			13188082	30150	5025	1211	20.4"
991	6/10/2020	9	44863	0	0	0			13226025	37943	4216	1016	27.2"
992	6/18/2020	6	44863	0	0	0			13249608	23583	3931	947	22.3"
993	6/26/2020	10	44863	0	0	0			13274886	25278	2528	609	17.5"
994	6/30/2020	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	22789	3798	915	21.1"
998	7/31/2020	9	44863	0	0	0			13364424	11483	1276	307	21.3"

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		
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	1/9/2020	17	10546	0	0	0	6518668	84485	4970	1198	28.0"		
970	1/16/2020	7	10623	77	11	1	6534974	16306	2329	561	28.6"		
971	1/20/2020	4	10665	42	11	1	6544237	9263	2316	558	27.1"		
972	1/31/2020	11	10733	68	6	1	6579233	34996	3181	767	14.5"		
973	2/7/2020	7	11209	476	68	6	6595381	16148	2307	556	30.7"		
974	2/14/2020	7	11233	24	3	0	6640266	44885	6412	1545	20.5"		
975	2/19/2020	5	11233	0	0	0	6648284	8018	1604	386	22.1"		
976	2/28/2020	9	11298	65	7	1	6683501	35217	3913	943	17.3"		
977	3/2/2020	3	11298	0	0	0	6688138	4637	1546	372	29.5"		
978	3/13/2020	11	11299	1	0	0	6711572	23434	2130	513	14.0"		
979	3/18/2020	5	11299	0	0	0	6718305	6733	1347	324	25.2"		
980	3/26/2020	8	11299	0	0	0	6739269	20964	2621	631	15.7"		
981	3/31/2020	5	11679	380	76	7	6753055	13786	2757	664	30.8"		
982	4/7/2020	7	11730	51	7	1	6769035	15980	2283	550	23.0"		
983	4/17/2020	10	11730	0	0	0	6790083	21048	2105	507	28.7"		
984	4/20/2020	3	11730	0	0	0	6803901	13818	4606	1110	13.2"		
985	4/29/2020	9	11730	0	0	0	6822395	18494	2055	495	27.0"		
986	5/5/2020	6	11730	0	0	0	6840574	18179	3030	730	30.8"		
987	5/13/2020	8	11730	0	0	0	6865709	25135	3142	757	25.8"		
988	5/21/2020	8	11730	0	0	0	6870318	4609	576	139	26.4"		
989	5/26/2020	5	11730	0	0	0	6879605	9287	1857	448	28.4"		
990	6/1/2020	6	11803	73	12	1	6888676	9071	1512	364	25.0"		
991	6/10/2020	9	11803	0	0	0	6900277	11601	1289	311	27.4"		
992	6/16/2020	6	11803	0	0	0	6909549	9272	1545	372	14.8"		
993	6/26/2020	10	12223	420	42	4	6920880	11331	1133	273	27.6"		
994	6/30/2020	4	12224	1	0	0	6927925	7045	1761	424	16.3"		
995	7/10/2020	10	12337	113	11	1	6939329	11404	1140	275	24.8"		
996	7/16/2020	6	12848	511	85	8	6960197	20868	3478	838	24.5"		
997	7/22/2020	6	12900	52	9	1	6971311	11114	1852	446	21.1"		
998	7/31/2020	9	12900	0	0	0	6982210	10899	1211	292	24.3"		