#### **IESI Bethlehem Landfill Committee Meeting Minutes**

Date: Thursday, March 15, 2018

Time: 1:00 p.m.

Location: Lower Saucon Township Council Meeting Room

Attendance: Hanover Engineering: Chris Taylor; Exelon: Lane Bradley; IESI: Don Hallock, Nick Rogers,

Dave Pannucci; Council Liaison: Priscilla deLeon (speaker phone); Members: Hazem Hijazi &

Neil Ortwein; Staff: Leslie Huhn & Diane Palik.

Mr. Rogers reviewed the monthly tonnages for February.

	December	January	<u>February</u>
MSW	31,017.83	27,874.92	25,611.34
C&D	3,107.24	4,223.81	3,921.65
Residual (Total)	1,311.66	1,149.42	1,632.12
Asbestos	57.90	113.91	230.40
Sewage Sludge-New Category as of 02-15-18		59.53	91.06
Out of State (Total)	23,644.47 (66%)	21,661.86 (65%)	21,948.69 (67%)
Recycle	24 (79%)	8 (57%)	8 (75%)
No. Trucks	3,103	2,875	2,532

Mr. Taylor asked if the asbestos was from Martin Towers. Mr. Rogers said yes. Mr. Taylor asked if the sewage sludge was all 90/10? Mr. Rogers said yes. Mr. Rogers said there were three Form U Submittals from February 12<sup>th</sup> through March 1, 2018.

Mr. Rogers said the Groundwater Trend Analysis sampling is to be completed by EarthRes Group the week of March 19, 2018. Mr. Rogers said for Correspondence/Reports there were abatement system reports, Q4 groundwater report, and Q1 operations report-extended.

Mr. Rogers said there were two inspections on February 13<sup>th</sup> and the 20<sup>th</sup> by Jessica Wagoner, Susan French, A. Faulch and Teresa Sirnic. There were three Host Municipal inspections by Chris Taylor. Mr. Taylor said there were no violations. Mrs. deLeon said in one of the reports, Mr. Taylor mentioned about the daily cover; and asked why this happened. Mr. Hallock said that was due to the wet weather and they were pushing all the mud out of the way, which exposed trash. They did put new cover on top of it. With all the rain they had, they kept pushing it over to get the trucks through before they put rock down. It's all now been covered.

Mrs. deLeon said she received a report and it talked about lots of dry wells. Mr. Rogers said that was from 3Q17 and 4Q17 where they did have a lot of dry weather. Mrs. deLeon asked when they are going to be tested again. Mr. Rogers said next week. Mrs. deLeon said what do you do in that case as you are not getting readings. Mr. Pannucci said if there's no water there, there's no contamination and it's not an issue. Mrs. deLeon said no talks about going deeper or additional wells? Mr. Rogers said no, because the aquifer is where it is when it's dry. Mr. Hallock said they will be getting the results back soon from the 1Q18 testing, it's a quarterly monitoring. Mr. Rogers said some of the wells that were dry were shallow wells and they were able to sample the deep wells.

Mr. Rogers said there were 2,532 total trucks with 75 overweight's, 59 warnings and 16 suspensions. Mr. Taylor said what can we do about these overweight's as the numbers keep going up. Mr. Hallock said he is working with their transportation managers. A lot of these overweight's are still under the 3%. A lot of guys have gotten waterproof tarps since the last meeting, so we should see a big difference, especially with the snow and rain. Mrs. deLeon said that's a requirement now? Mr. Hallock said they are recommending that everyone get the waterproof trucks. They are working on a daily basis monitoring them. The numbers were down in late 2016 and 2017 as they were only doing 700 to 800 tons, and now they are doing anywhere from 1,200 to 1,500 a day. Mr. Taylor said the Township appreciates your efforts and anything you can do. Mr. Rogers said for the Lower Saucon Police Report, there were none for the month of February.

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Mr. Rogers said BRE has been running at full capacity in conjunction with the flare as the main GCCS. BRE and IESI continue to communicate along the SCSFS with any routine or non-routine maintenance to maximize LFG production and minimize odors between plant and flares. Mr. Lane said they are down to one compressor so the plant has to be shut down. They should be getting the second compressor back next week and then will be up 100%. The vendors are having problems getting the parts when they send these compressors out to get them rebuilt.

Mr. Rogers said the North Slope sedimentation traps are functional and the perimeter road is in good condition. Mr. Taylor said Mr. Sichler was saying information in the quarterly about the functioning of the abatement system that he wasn't seeing it in the monthly reports. Mr. Rogers said okay, and during the month the abatement wells are functioning. They are actually upgrading, so it's not that they weren't functioning, they were replacing them. Mr. Taylor said in November six of the abatement wells were having problems and were down. Mr. Rogers said that was probably during the sampling process. Going forward, they are probably going to start sampling in the second month, so if there is something that's malfunctioned; they are able to fix it with still a week left.

Mr. Rogers 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. Upgrading of controls and motors is taking place for preventative maintenance. Mr. Taylor asked what the status was for the 11 abatement wells. Mr. Rogers said all 10 are working as intended; and TW-1 is decommissioned. Mr. Taylor asked if they see any upcoming issues. Mr. Rogers said right now they are upgrading. Mr. Taylor asked if there are any monitoring points down aquifer so we can see if anything got past those. Mr. Rogers said there is a well where you come in the parking lot and some over by the BRE plant. There was no contamination found.

Mr. Rogers said the flow rates for the leachate collection continue to be monitored and reported. Intermittent malfunctions of the well pumps and controls are repaired or replaced as needed.

Mr. Rogers said there were four radioactive loads for February, which were three Iodine 131 and one Indium 111. The waste stream met Level 1 requirements and was disposed of onsite.

Mr. Rogers said for the SE Realignment construction activities, the active cell 4B and D, the construction of the MSE wall and drop off center has stopped due to inclement weather. LMC-1R is now in place and function with a new EPG pump.

Mr. Rogers said there was one complaint on February 22, 2018 where LST PD found large rocks and mud on Applebutter Road from tractor trailers leaving the facility. Mr. Hallock said they looked at the video and it was rocks from a quarry that they purchased for road base. They were making a left hand turn without going through the tire wash. That driver has been expelled from the landfill. Everything was cleaned up and swept that day.

Mr. Taylor reviewed all the primary and secondary flows at the pump stations. He doesn't see the primary flows jumping up as much as the secondary flows.

Mr. Taylor reviewed his inspection report, which will be sent to the Township.

The next mid-inspection will be April 5<sup>th</sup> and then April 19<sup>th</sup>. The committee meeting will be April 19<sup>th</sup> at 1:00 p.m. The meeting adjourned at 1:45 p.m.

## IESI Bethlehem Landfill LST Committee Meeting Notes March 15, 2018

# **Agenda Items**

### I. Waste Activities

## Monthly Tonnages

	December	January	February
MSW	31,017.83	27,874.92	25,611.34
C&D	3,107.24	4,223.81	3,921.65
Residual (total)	1,311.66	1,149.42	1,632.12
Asbestos	57.90	113.91	230.40
Sewage Sludge		59.53	91.06
Out of state (total)	23,644.47(66%)	21,661.86(65%)	21,948.69(67%)
Recycle	24(79%)	8(57%)	8(75%)

Form U Submittals	Waste	Approval Date
Brandenburg	ACM(501)	2/12/2018
Sims Metal Management	Non-Halogenated Plastic(407)	2/27/2018
Pinnacle Environmental	ACM	3/1/2018

# **II.** Annual Groundwater Trend Analysis

Groundwater sampling to be completed by Earth Res Group the week of March 19th.

# III. Correspondence / Reports

Abatement System Report

Q4 Groundwater Report

Q1 Operations Report-extended version

### IV. Landfill Operations

## Department of Environmental Protection Inspections

2/13/18 J. Wagoner, A. Faulch, Teresa Sirnic (New SW Inspector)

2/20/18 S. French- Engineers Meeting

# Host Municipal Inspection

2/1/18	C. Taylor
2/15/18	C. Taylor
3/1/18	C. Taylor

Commercial Waste Vehicles	December	January	February
Total #Trucks	3103	2875	2532
	December	January	February
Overweight	67	62	75
Warnings	57	47	59
Suspensions	10	15	16

65-TT, 1-RL, 1-RO 1-DT 61-61TT 9-DT, 66-TT

FL = front loader, RO = roll off, TT=tractor trailer RL = rear loader, DT = Triaxel Dump Truck

# Lower Saucon Township Police Report:

Below is the overweight vehicle enforcement the PD conducted at IESI during the month of February 2018:

None for the month of February

Bethlehem Renewable Energy and Flare Operations and Gas Collection

BRE has been running at half capacity in conjunction with the flare as the main GCCS. BRE and IESI continue to communicate along with SCSFS with any routine or non-routine maintenance to maximize LFG production and minimize odors between plant and flare.

## See times for flare and plant shutdowns

Beginning of event shutdown Flare	Date: 2/1/18	Time: 16:13	Duration: :50min
End of event startup	Date: 2/1/18	Time: 17:03	
Beginning of event shutdown Flare	Date: 2/21/18	Time: 8:55	Duration: :58min
End of event startup	Date: 2/21/18	Time: 9:53	
Beginning of event shutdown Plant	Date: 2/5/18	Time: 09:38	Duration: :41min
End of event startup	Date: 2/5/18	Time: 10:09	
Beginning of event shutdown Plant	Date: 2/9/18	Time: 07:31	Duration: :27min
End of event startup	Date: 2/9/18	Time: 07:58	
Beginning of event shutdown Plant	Date: 2/12/18	Time: 09:29	Duration: 7:02min
End of event startup	Date: 2/12/18	Time: 16:31	
Beginning of event shutdown Plant	Date: 2/5/18	Time: 09:38	Duration: :41min
End of event startup	Date: 2/5/18	Time: 10:09	
Beginning of event shutdown Plant	Date: 2/13/18	Time: 07:50	Duration: :08min
End of event startup	Date: 2/13/18	Time: 07:58	
Beginning of event shutdown Plant	Date: 2/13/18	Time: 09:37	Duration: 1:58min
End of event startup	Date: 2/13/18	Time: 11:33	
Beginning of event shutdown Plant	Date: 2/15/18	Time: 02:50	Duration: 1:32min
End of event startup	Date: 2/15/18	Time: 04:28	
Beginning of event shutdown Plant	Date: 2/15/18	Time: 16:17	

End of event startup Date: 2/15/18 Time: 16:56 Duration: :39min

Beginning of event shutdown Plant Date: 2/28/18 Time: 06:52

End of event startup Date: 2/28/18 Time: 16:51 Duration: 9:59min

Documentation is on file.

#### North Slope

Sedimentation Traps functional, perimeter road is in good condition.

#### 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. Upgrading of controls and motors is taking place for preventive maintenance.

### 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 four radioactive loads for February which 3 were Iodine 131 and one was Indium 111. These waste streams met level 1 requirement and were disposed of onsite.

#### Phase IV Construction Activities

Currently the active disposal area is cell 4B,4D. Installation of 5 new horizontal collectors have been installed in cell 4-D for odor control and are being monitored.

# SE Realignment Construction Activities

Construction of the MSE wall and drop off center has stopped due to in-climate weather. LMC-1 has been decommissioned and LMC-1R is now in place and functioning with a new EPG pump system.

# Complaints received by IESI

2/22/2018- LSTPD found large rocks and mud on Applebutter Road from tractor trailers leaving facility.

### IESI BETHLEHEM LANDFILL

	AE	AF	AG	AH	Ai	AJ	AK	AL	AM	ΑN	AO	AP	AQ
818		Phase IV	PS-3 (Se	condary)				Phase IV	PS-3 (Prima	ary)			sump
819	Date	days	totalizer	gallon	flow(gpd)	g/ac/day			totalizer	gallons	flow(gpd)	glacidaqy	inches
820													
821	1/7/2017	42742	42219	42219	1	0			6985258	6985258	163	39	33"
822	1/16/2017	9	42219	0	0	0			7036176	50918	5658	1363	32°
823	1/25/2017	9	42219	0	0	0			7121135	84959	9440	2275	33"
824	1/31/2017	6	42219	0	0	0			7171436	50301	8384	2020	33"
825	2/7/2017	7	42395	176	25	2			7223719	52283	7469	1800	33"
826	2/17/2017	10	42395	0	0	0			7258490	34771	3477	838	33"
827	2/21/2017	4	42395	0	0	0			7276747	18257	4564	1100	33"
828	3/1/2017	8	42395	0	0	0			7306547	29800	3725	898	
829	3/8/2017	7	42395	0	0	0		[	7335356	28809	4116	992	34.4"
830	3/13/2017	5	42395	0	0	0			7351921	16565	3313	798	49.9"
831	3/24/2017	11	42395	0	0	0			7422767	70846	6441	1552	
832	4/1/2017	8	42395	0	0	0		<u> </u>	7436125	13358	1670	402	
833	4/10/2017	9	42525	130	14	1			7567449	131324	14592	3516	
834	4/21/2017	11	42525	0	0	0			7614430	46981	4271	1029	
835	5/5/2017	14	42525	0	0	0			7675120	60690	4335	1045	
836	5/16/2017	11	42525	0	0	0			7756823	81703	7428	1790	
837	5/29/2017	13	42525	0	0	0			7781763	24940	1918	462	
838	6/6/2017	8	42525	0	0	0			7789950	8187	1023		50"
839	6/14/2017	8	42525	0	0	0			7798965	9015	1127	272	
840	6/26/2017	12	42525	0	0	0		<b></b>	7849110	50145	4179	1007	
841	7/12/2017	16	42525	0	0	0			7909538	60428	3777	910	
842	7/25/2017	13	42525	0	0	0		ļ	7963198	53660	4128	995	
843	8/1/2017	7	42525	0	0	0			7988847	25649	3664	883	
844	8/7/2017	6		0	0	0		<del> </del>	8004442	15595	2599	626	
845	8/15/2017	8	42525	0	0	0		ļ	8034323	29881	3735	900	
846	8/24/2017	9		0	0	0		<del> </del>	8060817	26494	2944	709	
847	9/5/2017	12	42525	0	0	0		<del>                                     </del>	8095917	35100	2925	705 760	
848	9/11/2017	6	42525			0		<del> </del>	8114833	18916	3153		
849	9/22/2017	11	42525	0	0	0		<del> </del>	8146263	31430	2857 2142	688 516	
850	10/1/2017	9	42525	0	0	0		<del>                                     </del>	8165540	19277	3114		
851	10/10/2017	9		0	0	0		<del>                                     </del>	8193568	28028	2708	750 652	
852	10/18/2017	8		0	0	0		<del> </del>	8215228 8249105	21660 32967	2708	652 662	
853 er/	10/30/2017	12	42525	0	0	0		<del> </del>	8248195 8282864	34669	3467		29°
854 855	11/9/2017 11/16/2017	10 7	42525 42525	0	0	0			8304208	21344	3049	735	
856	11/16/2017	5		0	0	0		<b> </b>	8320030	15822	3164	763	
857	11/21/2017	9		0	0	0		<b></b>	8343453	23423	2603	627	
858	12/5/2017	5		34	7	1		<del> </del>	8364692	21239	4248		23.4"
859	12/14/2017	9		0	0	0			8394093	29401	3267		24.9"
860	12/18/2017	4		0	0	0			8401668	7575	1894		24.9"
861	12/29/2017	11	42581	22	2	0		t	8434286	32618	2965		25.1"
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865					<u> </u>								
866		Phase IV	PS-3 (Se	condary	)			Phase IV	PS-3 (Prim	агу)			sump
867	Date	days	totalizer	gallon	flow(gpd)	g/ac/day			totalizer	gallons	flow(gpd)	g/ac/daqy	inches
868	1/3/2018			0	0	0			8447408	13122	2624		7.2"
869	1/8/2018			0	0	0			8460116	12708	2542		25.3"
870	1/19/2018		42581	0	0	0			8502963	42847	3895	939	25.9"
871	1/23/2018		42581	0	0	0			8514485	11522	2881	694	
872	1/30/2018		42582	1	0	0			8544625	30140	4306		
873	2/9/2018			0	0	0			8579847	35222	3522		16.0"
874				0	0	0			8610530	30683	6137	-	26.8"
875	2/19/2018		<del></del>	0	0	0		ļ	8640256	29726	5945		26.6"
876	2/26/2018			0	0	0			8687943	47687	6812		25.3"
877	3/5/2018	7	42582	0	0	0			8743191	55248	7893	1902	23.8*
878													
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### IESI BETHLEHEM LANDFILL

	A	8	С	D	E	F	Н		J	K	M	N	0
818		TIME			Secondary Flo		<u></u> F	hase I	/ PS-1 (Prima				sump
819		(days)	TOTALIZER	GALLONS	FLOW (gpd)	g/ac/day	L		Totalizer	gallons	flow(gpd)	g/ac/day	inches
820		10016	<u> </u>	600000	Ļ	<u></u>	-			1	,		
821	1/7/2017	42742	289252		7				44702260	44702260	1046	40	18"
822 823	1/16/2017 1/25/2017	9		15	2			$\vdash$	44801519 44957309	99259 155790	11029 17310	424 666	
824	1/31/2017	6	289279		0			$\vdash$	44957309 45046100	88791	14799	569	
825	2/7/2017	7	289387	108	15	1			45143008	96908	13844		30"18"
826	. 2/17/2017	10	291442	2055	206	8			45275449	132441	13244	509	14"
827	2/21/2017	4	291565		31	1	_	$\Box$	45326586	51137	12784	492	36"
828	3/1/2017	8 7	291951	386	48	2		<del>  </del>	45424633	98047	12256		
829 830	3/8/2017 3/13/2017	5	292243 292429	292 186	42 37	2	-	<del>  </del>	45512202 45569317	87569 57115	12510 11423		14.5" 21.5"
831	3/13/2017	11	292429	326	30	1	_	<del>                                     </del>	45569317 45703669	134352	11423 12214		21.5" 23.4"
832	4/1/2017	8	292881	126	16	1			45741972	38303	4788	184	33"
833	4/10/2017	9	293182	301	33	1			45921912	179940	19993	769	33"
834	4/21/2017	11	293583	401	36	1			46039244	117332	10667	410	32"
835	5/5/2017	14	294355	772	55	2	$\Box$		46228523	189279	13520	520	
836 837	5/16/2017 5/29/2017	11 13	294429 294672	74 243	7 19	0		$\longmapsto$	46314948 46451100	86425 136161	7857 10474	302	
837	5/29/2017 6/6/2017	8	294672 295616	944	118	5	<del>  </del>	<del>  </del>	46451109 46544796	136161 93687	10474 11711	403 450	
839	6/14/2017	8	295819	203	25	1		t	46598825	54029	6754	260	
840	6/26/2017	12	296223	404	34	1			46715770	116945	9745	375	22"
841	7/12/2017	16	296795	572	36	1			46859351	143581	8974	345	26"
842	7/25/2017	13	297257	462	36	1	<u> </u>	<b></b>	46980076	120725	9287	357	
843	8/1/2017	7	297504	247 205	35 34	1	igoplus	$\longmapsto$	47042709	62633	8948	344	
844 845	8/7/2017 8/15/2017	8	297709 298039	330	34 41	1 2	$\vdash$	$\vdash \vdash \vdash$	47097535 47176059	54826 78524	9138 9816	351 378	
846	8/24/2017	9	298039	342	38	1	1	<del>                                     </del>	47176059 47259558	83499	9278	378	
847	9/5/2017	12	298758	377	31	1			47366076	106518	8877	341	15"
848	9/11/2017	6	299012	254	42	2			47425755	59679	9947	383	22"
849	9/22/2017	11	299386	374	34	1			47525121	99366	9033	347	17"
850 951	10/1/2017	9	299717	331	37	1	$\longrightarrow$	<b></b>	47611077	85956	9551	367	
851 852	10/10/2017	9	299932 300121	215 189	24 24	1	$\longrightarrow$	$\vdash \vdash \vdash$	47667570	56493 50860	6277 6358	241 245	
852 853	10/18/2017	12	300121 300460	339	28	1	<del>  </del>	<b>├</b> ──┤	47718430 47813623	95193	7933	245 305	
854	11/9/2017	10	300460	302	30	1		t	47891007	77384	7738	298	
855	11/16/2017	7	300952	190	27	1			47943070	52063	7438	286	
856	11/21/2017	5	301075	123	25	1			47980793	37723	7545	290	27"
857	11/30/2017	9	301262	187	21	1	<u> </u>	<u> </u>	48038300	57507	6390	246	
858	12/5/2017	5 9	301488	226	45 27	2	igspace	igspace	48093082	54782	10956		17"
859 860	12/14/2017 12/18/2017	91	301731 301805	243 74	27 19	1	<del></del>	$\vdash$	48172709 48192775	79627 20066	8847 5017	340 193	19.1"
861	12/29/2017	11	302000	195	18	1	<del> </del>	•——	48192775 48268709	75934	6903	266	
862						<u> </u>				, 5557			
863				·									
864					1		<u>'</u>						
865 866		TIME	Dhaar	) IV PQ.4 (6	Secondary Flow	vs1		haen "	/ PS-1 (Prima	ry flow)	<u>-</u>		61122
867		(days)	TOTALIZER	GALLONS	FLOW (gpd)	ws) g/ac/day	<u> </u>		<del></del> _	ry flow) gallons	flow(gpd)	g/ac/day	sump Inches
868	1/3/2018	(uays)	302042	GALLONS 42	PLOW (gpa) 8	gracioay 0	$\longrightarrow$	$\vdash \vdash \vdash$	48301870	33161	110W(gpa) 6632	graciday 255	
869	1/8/2018	5	302042	0	0	0		<b></b>	48316003	14133	2827	109	
870	1/19/2018	11	302042	0	0	0			48316623	620	56	2	18.4"
871	1/23/2018	4	303551	1509	377	15			48316672	49	12	0	16.1"
872	1/30/2018	7	304748	1197	171	7	$\Box$	<u> </u>	48317544	872	125	5	15.3"
873 874	2/9/2018 2/14/2018	10 5	305235 306423	487 1188	49 238	2 9	$\Box$		48321272 48322929	3728 1657	373 331		18.1"
874 875	2/14/2018	5	306423 306927	504	101	4	$\rightarrow$	$\vdash$	48322929 48335358	1657	2486		16.1" 20.2"
876	2/26/2018	7	308297	1370	196	8	<del></del>		48365809	30451	4350	167	
877	3/5/2018	7	309239	942	135	5			48394293	28484	4069	157	
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### IESI BETHLEHEM LANDFILL

	Q	R	S	Т	U	. V	W	Х	Y	Z	AA	AB	AC
818	TIME	Pha	se IV PS-2 (S	Secondary	Flows)			Phase	IV PS-2 (Pri	mary )			sump
819	(days)	OTALIZE	GALLONS	FLOW (gpd)	glaciday				Totalizer	gallons	flow(gpd)	g/ac/day	inches
820													
821	1/7/2017	#VALUEI	7137	#VALUE!	#VALUE!	#VALUE!			17511066	17511066	#VALUE!	#VALUE!	31"
822	1/16/2017	9	7137	0	0	0.0			17522171	11105	1234	116	33"
823	1/25/2017	9	7137	0	0	0.0			17537426	15255	1695	160	
824	1/31/2017	6	7137	0	0	0.0			17558779	21353	3559	336	
825	2/7/2017	7	7137	0	0	0.0			17571456	12677	1811	171	
826	2/17/2017	10	7137	0	0	0.0			17633923	62467	6247	589	
827	2/21/2017	4	7137	0	0	0.0			17646792	12869	3217		-
828	3/1/2017	8	7137	0 1	0	0.0			17674133	. 27341	3418 3378	322	31"
829	3/8/2017	7	7138	0	0	0.0			17697782	23649	3390		31.2" 31.2"
830 831	3/13/2017 3/24/2017	5 11	7138 7138	0	0	0.0			17714733 17753003	16951 38270	3479		27.4"
832	4/1/2017	8	7138	0	0	0.0			17762589	9586	1198		30.5"
833	4/10/2017	9	7138	0	0	0.0			17815881	53292	5921	559	
834	4/21/2017	11	7138	0	Ö	0.0			17859299	43418	3947	372	32"
835	5/5/2017	14	7138	0	0	0.0			17913903	54604	3900	368	
836	5/16/2017	11	7138	0	0	0.0			17985949	72046	6550	618	
837	5/29/2017	13	7138	0	0	0.0			18015722	29773	2290	216	
838	6/6/2017	8	7138	0	0	0.0			18016925	1203	150	14	30"
839	6/14/2017	8	7138	0	0	0.0			18035645	18720	2340	221	30"
840	6/26/2017	12	7138	0	0	0.0			18037073	1428	119	11	
841	7/12/2017	16	7138	0	0	0.0			18128370	91297	5706	538	
842	7/25/2017	13	7138	0	0	0.0			18171446	43076	3314	313	
843	8/1/2017	7	7138	0	0	0.0			18195320	23874	3411	322	23"
844	8/7/2017	6	7138	0	0	0.0			18214689	19369	3228	305	
845	8/15/2017	8	7138	0	0	0.0			18242303	27614	3452	326	30"
846	8/24/2017	9	7138	0	0	0.0			18272110	29807	3312	312	28"
847	9/5/2017	12	7138	. 0	0	0.0			18313001	40891	3408 3403	321	34"
848	9/11/2017 9/22/2017	6	7138	0	0	0.0			18333418	20417	3410	321	30" 30"
849 850	10/1/2017	11 9	7138 7138	0	0	0.0			18370928 18421486	37510 50558	5618	322 530	28"
851	10/10/2017	. 9	7138	0	0	0.0			18464340	42854	4762	449	
852	10/18/2017	8	7138	0	0	0.0			18519013	54673	6834	645	23"
853	10/30/2017	12	7138	ő	0	0.0			18574705	55692	4641	438	
854	11/9/2017	10	7138	. 0	Ö	0.0			18621525	46820	4682	442	30"
855	11/16/2017	7	7138	0	0	0.0			18652877	31352	4479	423	24"
856	11/21/2017	5	7138	0	0	0.0			18675689	22812	4562	430	23"
857	11/30/2017	9	7138	0	0	0.0			18708150	32461	3607	340	
858	12/5/2017	5	7138	0	0	0.0			18739411	31261	6252	590	30.3"
859	12/14/2017	9	7138	0	0	0.0			18784389	44978	4998	471	28"
860	12/18/2017	4	7138	. 0	0	0.0			18796813	12424	3106	293	30.3"
861	12/29/2017	11	7138	0	0	0.0			18843252	46439	4222	398	28.8"
862													
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864													
865	TIME	Dha	se IV PS-2 (S	anndam.	Cloves			Phase	IV PS-2 (Pri	manel			
866	TIME (days)			FLOW (gpd)							(laurianal)	wloofdour	sump
867	<del></del>	OTALIZE				0.0			Totalizer	gallons	flow(gpd)		Inches
868 869	1/3/2018 1/8/2018	5 5	7138 7138	0	0	0.0			18866480 18890370	23228 23890	4646 4778		28.6* 28.2*
870	1/19/2018	11	7138	0	0	0.0			18944684	23890 54314	4938	466	
871	1/23/2018	4	7136	0	0	0.0			18964100	19416	4854	***************************************	32.2"
872	1/30/2018	7	7138	0	0	0.0			19002400	38300	5471		32.2"
873	2/9/2018	10	7138	0	- O	0.0			19056884	54484	5448		27.8"
874	2/14/2018	5	7138	Ö	Ö	0.0			19082812	25928	5186		29.5"
875	2/19/2018	5	7138	0	0	0.0			19110348	27536	5507		29.5*
876	2/26/2018	7	7138	0	0	0.0			19152625	42277	6040		28.4"
877	3/5/2018	7	7138	0	0	0.0			19199875	47250	6750	637	32.9"
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1028		TIME	5	1C-6 (Seco	LMC-6 (Secondary Flows	Ļ		LMC-7 (Secondary Flows)	andary Flows		3	LMC-8 (Secondary Flows)	tary Flow	    30
1020		(days)	TOTALIZER	GALLON	TOTALIZER GALLONS-LOW (gpd		TOTALIZER	GALLONS	GALLONS FLOW (gpd)	G/A/D	TOTALE	TOTALIZER GALLONS LOW (gp	LOW (gp	G/A/D
1030	1/3/2018			1,600,721	1600721 1,600,721 #VALUE!	#VALUE!	2112210	2112210	#VALUE!	#VALU		5605649 #VALUE!	#VALUE!	#VALUE!
1031	1/8/2018	5.00	1601441			6	2116804	4394	879	Section of	5,608,386	2737	547	
1032	1/19/2018	11.00	1602712	1,271			2121605	5001	455	right segment	5,630,015	21629		10
1033	1/23/2018	4.00	1603209				2123342			100		8542		
1034	1/30/2018	7.00	1605518		330	21	2123728		25	9	5,659,151	20594	2,942	1
1035	2/9/2018	10.00					2124776					28436		
1036	2/14/2018	5.00	1617774		*		2130919	6143	1	101	5,707,541	19954	3,991	889
1037	2/19/2018	5.00	1623885							122	5,726,904	19363	3.873	7.7
1038	2/26/2018	7.00	1636647	12,762	1.823	116	2153435		2,152	176	5,758,377	31473	4,496	775
88	3/5/2018	200				114	ı				L	30371		748
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	(days)	TOTALIZER	GALLONS	FLOW (gpd	i3/A/I	TOTALIZER	ALLON	OW (g	G/A/E	TOTALIZER	GALLONS	LOW (gp	G/
1/3/2018	5.00	1869825	1,485	297	19	4048541	1956	391	32	7,186,462	4177	835	1
1/8/2018	5.00	1871124	1,299	260	17	4050267	1726	345	28	7,190,792	4330	866	1
1/19/2018	11.00	1874259	3,135	285	18	4054038	3771	343	28	7,199,823	9031	821	1
1/23/2018	4.00	1875502	1,243	311	20	4055580	1542	386	32	7,203,167	3344 .	836	1
1/30/2018	7.00	1877933	2,431	347	22	4058577	2997	428	35	7,209,026	5859	837	1
2/8/2018	9.00	1880966	3,033	337	21	4062106	3529	392	32	7,216,708	7682	854	1
2/14/2018	6.00	1883308	2,342	390	25	4064578	2472	412	34	7,221,791	5083	847	1
2/19/2018	5.00	1885424	2,116	423	27	4067006	2428	486	40	7,226,192	4401	880	-1
2/26/2018	7.00	1888948	3,524	503	32	4071862	4856	694	57	7,237,088	10896	1,557	2
3/5/2018	7.00	1892750	3,802	543	35	4076300	4438	634	52	7,251,146	14058	2,008	3
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