IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, January 18, 2018

Time: 1:04 p.m.

Location: Lower Saucon Township Council Meeting Room

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

Kevin Bodner (Martin and Martin); Priscilla deLeon, Council Liaison; Hazem Hijazi; Member;

Staff: Leslie Huhn. Absent: Diane Palik, Staff and Neil Ortwein, Member.

Mr. Rogers reviewed the monthly tonnages for December.

	October	November	<u>December</u>
MSW	22,781.49	29,701.69	31,017.83
C&D	4,694.21	3,505.73	3,107.24
Residual (Total)	3,537.61	1,302.23	1,311.66
Asbestos	0.0	111.11	57.90
Out of State (Total)	16,911.72 (54%)	22,094.82 (64%)	23,644.47 (66%)
Recycle	0 (0%)	0 (0%)	24 (79%)
No. Trucks	3,139	3,083	3,103

Mrs. deLeon said she'd like to see sludge broken down in this report. She said Mrs. Louder asked the landfill officials to the Council meeting and asked about trucks that keep getting lost in Steel City. Mr. Hallock said that is the first time that has happened that he's aware of. Mrs. deLeon said the other item was a Form U regarding sludge.

Mr. Rogers said they submitted a Form U for sewage sludge, which they are permitted to take. They did not accept it and it wasn't accepted by DEP. They have the right to refuse anything; they could accept it, but DEP kicked it back to them for a reason, and due to that, we said we aren't accepting it.

Mrs. deLeon said she did some research and went through the quarterly reports and realized asbestos had its own category, but she also realized there's about five different types of sludge. Mr. Hallock said when you see the sludge in the report, it's 90% soil and 10% sludge, which is a big difference. Regarding the Form U and their explanation in the minutes, the meeting handouts will now be attached to the minutes.

Mrs. deLeon said she sent Mr. Hallock an email regarding the dates of acceptance of the sludge, and if there were any related odor complaints on that particular day. Mr. Hallock said it was one day in August, there was an 8:30 a.m. complaint, but they hadn't accepted the trash until noon. He also stated they don't use it as daily cover.

Mr. Rogers said there was a Form U submittal from C. F. Martin & Co. on December 21, 2017 for Plant Trash (710).

Mr. Rogers said the Groundwater Trend Analysis sampling was completed by EarthRes Group the week of December 18, 2017 and there were no issues. Mr. Rogers said regarding the Correspondence/Reports, there was an abatement system report, Q3 groundwater, Collection Efficiency report, and annual recycling report.

Mr. Rogers said there were two inspections on December 1 and 19, 2017. There were three Host Municipal inspections on December 14 and 28, 2017 and on January 5, 2018. There were no exceedances. Mrs. deLeon asked if the DEP inspectors are on board and are all trained now. Mr. Rogers said yes. They also hired another solid waste inspector.

Mr. Rogers said there were 3,103 total trucks with 67 overweight's, 57 warnings and 10 suspensions. Mr. Hallock said there's more tonnage for the overweight's and part of it was from the four to five days of rain. They are working through the process and will meet next week with the transfer stations. Mrs. deLeon asked if the waste covered when they receive it? Mr. Hallock said it's tarped and if it does rain, the moisture gets in there. They do recommend waterproof tarps.

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Mrs. deLeon asked what happened with the complaints on Flint Hill Road? Mrs. Huhn said in the spring PennDOT plans to pave the road. Mrs. deLeon asked if IESI talked to any of the haulers using Route 412. Mr. Hallock said he did talk to the haulers. They sent out notices and directions to the landfill, including the time it's opened, etc.

Mr. Rogers said there were no reports from the LST Police for the month of December. Mrs. deLeon said last night Mrs. Huhn appointed Sgt. Tom Barndt as our new Police Chief.

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 were running 50% over the weekend and they shut down yesterday. Today they have one compressor running; and tomorrow will be 100% back on line by 4:00 p.m.

Mr. Rogers said the North Slope sedimentation traps are functional and the perimeter road is in good condition. 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. AB-2R has been re-drilled due to the SE expansion and is online. Mr. Rogers 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.

Mr. Rogers said there were two radioactive loads for December which were Iodine 131. The waste stream met Level 1 requirements and was disposed of onsite.

Mr. Rogers said the Phase IV construction activities, currently the active disposal area is cell 4B/4D. Installation of five new horizontal collectors have been installed in cell 4-D for odor control and are being monitored. Mr. Rogers said regarding SE Realignment Construction Activities, topsoil and soil continues to be removed and stockpiled for Phase II. The new MSE wall is being constructed and the new citizen drop off area is being constructed.

Mr. Rogers said there were no complaints received by IESI for December 2017 and none to date for January 2018. Mr. Hijazi asked when are they going to start accepting waste for the SE Realignment? Mr. Bodner said that depends on Mother Nature. They are trying to finish the wall and move into the next phase, so probably somewhere in the second quarter. Mr. Taylor asked how far along were they from removing the old soil in the piggyback area? Mr. Bodner said they are 80%.

Mr. Rogers reviewed the Leachate Demand Report for December 2017. Mr. Rogers said these are accurate numbers with all the pipes/meters cleaned and flushed. Mr. Taylor said the numbers are what we've seen historically even after the pipes were cleaned out. He said we will revisit this at the next quarterly meeting.

Mr. Taylor said he took the tour today and asked about the truck wash being worked on. Mr. Hallock said they have a big power washer they can use to wash off the trucks.

Mrs. deLeon asked if they wanted to give an update on the incident with the fire. Mr. Hallock said he emailed Leslie when it happened. They had one of their cover trucks up at the top of the landfill away from the work face dumping a small stockpile and the driver noticed smoke and a flame coming from underneath the truck. He quickly pulled the truck over off the site and tried to put it out with a fire extinguisher and then called the fire department. They did their own investigation. LSTPD took the report and he talked to the fire department and they are working with the company to get more information. Mrs. deLeon said you called 9-1-1. Mr. Hallock said they called non-emergency. Mrs. deLeon said she's curious why the City of Bethlehem did not respond as they are first responders for the landfill. Mr. Hallock said there were a couple of fire departments there. He doesn't know that anything different they could have done.

Mrs. deLeon said she looked at the two page chart the Township has for the quarterly reports and when we receive documents. Lauressa made some changes to the wording in the column of the title of the report and there's an updated version.

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Mrs. deLeon asked if there was any input from the neighbor, Sue Severn. She asked if IESI negotiated the sale of the property. Mr. Hallock said at this time the property owners are happy living there and do not want to sell. They said if they are ever ready, they will contact the landfill.

Mrs. deLeon said we had talked about the LNG tank that's going was proposed in Bethlehem, and UGI has since lowered the height of the tank; so therefore, it doesn't need a special exception. They redid it and the Township just received a new application. They changed the road to Easton Road, which the Township is concerned about the truck traffic so we have to review that.

Mrs. deLeon said the Adelphia Pipeline is now on our website and they did file with FERC on Friday. It's an existing pipeline with natural gas and it's going next to the tank farm. There are a lot of people who live in the Township and it's going through their land. She's concerned as the pipeline wasn't built for gas, it was built for fluids.

Mr. Hallock said he wanted to confirm that they are going to stay on the same schedule for 2018 for the meetings. Mr. Taylor said it will be the same schedule. Mr. Taylor said the next inspection is February 1, 2018 and February 15, 2018 at 10:30 a.m. and the meeting is at 1:00 p.m.

The meeting adjourned at 1:53 p.m.

IESI Bethlehem Landfill LST Committee Meeting Notes January 18, 2018



Agenda Items

Waste Activities I.

Monthly Tonnages

	October	November	December
MSW	22,781.49	29,701.69	31,017.83
C&D	4,694.21	3,505.73	3,107.24
Residual (total)	3,537.61	1,302.23	1,311.66
Asbestos	0.0	111.11	57.90
Out of state (total)	16,911.72(54%)	22,094.82(64%)	23,644.47(66%)
Recycle	0(0%)	0(0%)	24(79%)
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Form U Submittals	Waste	(m 4 0)	Approval Date
C.F. Martin & Co.	Plant Trash	(710)	12/21/2017

II. Annual Groundwater Trend Analysis

Groundwater sampling was completed by Earth Res Group week of December 18th.

Correspondence / Reports III.

Abatement System Report Q3 Groundwater Report Collection Efficiency Report Annual Recycling Report

IV. Landfill Operations

Department of Environmental Protection Inspections

12/1/17 J. Wagoner, A. Faulch, J. Cimera-SW/AQ Inspection

12/19/17 S. French- Engineers Meeting

Host Municipal Inspection

12/14/17 C. Taylor 12/28/17 C. Taylor 1/5/18 C. Taylor

Commercial Waste Vehicles Total #Trucks	October 3139	November 3083	December 3103
	October	November	December
Overweight	26	51	67
Warnings	15	35	57
Suspensions	11	16	10
	15DT, 8-TT	26-TT	65-TT, 1-RL, 1-RO

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 December 2017:

None for the month of December

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Bethlehem Renewable Energy and Flare Operations and Gas Collection

BRE has been running at full 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: 12/14/17 Time: 6:40

End of event startup Date: 12/14/17 Time: 10:55 Duration: 4:15min

NEED TO UPDATE BRE SSM's

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. AB-2R has been re-drilled due to SE expansion and is online.

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

December

There were two radioactive loads for November which were Iodine 131. The waste stream met level 1 requirement and was 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

Topsoil and soil continues to be removed and stock piled from Phase II. The new MSE wall is being constructed. The new citizen drop off area is being constructed.

Complaints received by IESI

No known complaints for December.

BETHLEHEM LANDFILL

LEACHATE DEMAND REPORT December 2017

Location	Total gallons
LMC-6	7,608
LMC-7	10,231
LMC-8	25,445
LMC-10	1,123,000
PS-1	230,409
PS-2	135,102
PS-3	90,833
Phase-IV	456,344

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

Total Discharge

LMC-10	1,123,000
Phase IV	456,344
TOTAL	1,579,344 gallons

Total Leachate

Leachate	486,892
Phase IV	456,344
TOTAL	943,236 gallons

LMC-10 Flow – Abatement System Flow = Leachate System Flow (gallons). Abatement System Flow = 636,108 gallons (Neptune Flow meters)

BETHLEHEM LANDFILL

GROUNDWATER DEMAND REPORT December 2017

Well No.	Water Level (avg. ft SWL*)	Flow (avg. GP)	M) (Total gal)
AB-1	83.1	6.8	292497
AB-2	70.4	0.4	17837
AB-3	38.5	0.1	2661
AB-4	35.4	1.3	58113
AB-5	55.2	0.2	6587
AB-6	48.9	0.6	25763
AB-7	52.3	3.1	132034
AB-8	27.7	2.3	97984
AB-9	26.9	0.1	1346
AB-10	47.9	0.1	1286
TW-1	42.8	<0.1	0
Total Flow		636,108 ;	gallons

^{*}SWL above transducer set point
* Per DEP approval well TW-1 was shut down September 14, 2009.

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	A	В	С	D	E	F	Н		J	K	М	N	0
818		TIME			Secondary Flo		F	hase I	/ PS-1 (Prima				sump
819		(days)	TOTALIZER	GALLONS	FLOW (gpd)	glaciday			Totalizer	gallons	flow(gpd)	g/ac/day	inches
820													
821	1/7/2017	42742	289252	289252	7	0	<u> </u>		44702260	44702260	1046	40	18"
822	1/16/2017	9	289267	15	2	0			44801519	99259	11029	424	
823	1/25/2017	9	289278	11	1	0			44957309	155790	17310	666	
824	1/31/2017	6	289279	1	0	0			45046100	88791	14799	569	
825	2/7/2017	7	289387	108	15	1			45143008	96908	13844	532	30"18"
826	2/17/2017	10	291442	2055	206	. 8			45275449	132441	13244	509	
827	2/21/2017	4	291565	123	31		ļ		45326586	51137	12784	492	36"
828	3/1/2017	8	291951	386	48	2			45424633	98047	12256	471	22"
829	3/8/2017	7	292243	292	42	2	<u> </u>		45512202	875 <u>69</u>	12510		14.5"
830	3/13/2017	5	292429	186	37		ļ		45589317	57115 134352	11423		21.5" 23.4"
831	3/24/2017	11	292755	326	30	1	<u> </u>		45703669		12214	184	
832	4/1/2017	8	292881	126	16	1	_	<u> </u>	45741972	38303	4788 19993	769	
833	4/10/2017	9	293182	301	33	1	<u> </u>	<u> </u>	45921912	179940 117332	19993	410	
834	4/21/2017	11	293583	401	36	1			46039244	189279	13520	520	
835	5/5/2017	14	294355	772	55	2			46228523	86425	7857	302	30
836	5/16/2017	11	294429	74 243	7 19	0	_		46314948 46451109	136161	10474	403	22"
837	5/29/2017	13	294672	944	118	5			46544796	93687	11711	450	
838	6/6/2017	8	295616	203	25	1				54029	6754	260	
839	6/14/2017	8	295819	404	34	1		 	46598825 46715770	116945	9745	375	
840	6/26/2017	12 16	296223	572	34	1	-	_	46859351	143581	8974	345	
841	7/12/2017	13	296795	462	36	1	_	<u> </u>	46980076	120725	9287	357	
842	7/25/2017	7	297257	247	35	1			47042709	62633	8948	344	
843	8/1/2017	6	297504	205	34	1	\vdash		47097535	54826	9138	351	
844	8/7/2017	8	297709 298039	330	41	2	\vdash		47176059	78524	9816	378	
845 846	8/15/2017 8/24/2017	9	298039	342	38	1	├		47176059	83499	9278	357	
847	9/5/2017	12	298758	377	31	1	 		47366076	106518	8877	341	
848	9/11/2017	6	299012	254	42	2		1	47425755	59679	9947	383	
849	9/22/2017	11	299386	374		1		 	47525121	99366	9033	347	
850	10/1/2017	9	299717	331	37	1	 	 	47611077	85956	9551	367	
851	10/10/2017	9	299932	215		1	\vdash		47667570	56493	6277	241	
852	10/18/2017	8	300121	189	24	1		1	47718430	50860	6358	245	
853	10/30/2017	12	300460	339		1		 	47813623	95193	7933	305	
854	11/9/2017	10	300762	302	30	1		!	47891007	77384	7738	298	
855	11/16/2017	7	300952	190		1	_	1	47943070	52063	7438	286	
856	11/21/2017	5	301075	123	25	1			47980793	37723	7545	290	
857	11/30/2017	9	301262	187	21	1			48038300	57507	6390	246	
858	12/5/2017	5	301488	226		2			48093082	54782	10956	421	17"
859	12/14/2017	9	301731	243		1	_		48172709	79627	8847		19.1"
860	12/18/2017	4	301805	74		Î		1	48192775	20066	5017	193	22.3"
861	12/29/2017	11	302000	195		1			48268709	75934	6903		13.4"
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IESI BETHLEHEM LANDFILL

	Q	R	S	T	U	V	W	Х	Υ	Z	AA	AB	AC
818	TIME	Phas	se IV PS-2 (S	Secondary	Flows)			Phase	IV PS-2 (Pri	mary)			sump
819	(days)	OTALIZEI	GALLONS	FLOW (gpd)	g/ac/day				Totalizer	gallons	flow(gpd)	g/ac/day	inches
820									40				
821	1/7/2017	#VALUE!	7137	#VALUE!	#VALUE!	#VALUE!			17511066	17511066	#VALUE!	#VALUE!	
822	1/16/2017	9	7137	0	0	0.0			17522171	11105	1234	116	
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		31"
827	2/21/2017	4	7137	0	0	0.0			17646792	12869	3217	304	
828	3/1/2017	8	7137	0	0	0.0			17674133	27341	3418		31"
829	3/8/2017	7	7138	1	0	0.0			17697782	23649	3378		31.2"
830	3/13/2017	5	7138	0	0	0.0			17714733	16951	3390		31.2"
831	3/24/2017	11	7138	0	0	0.0			17753003	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		31"
834	4/21/2017	11	7138	0	0	0.0			17859299	43418	3947	372	
835	5/5/2017	14	7138	0	0	0.0			17913903	54604	3900		30"
836	5/16/2017	11	7138	0	0	0.0			17985949	72046	6550		29"
837	5/29/2017	13	7138	0	0	0.0			18015722	29773	2290	216	30"
838	6/6/2017	8	7138	0	0	0.0			18016925	1203	150		30"
839	6/14/2017	8	7138	0	0	0.0			18035645	18720	2340 119		30" 30"
840	6/26/2017	12	7138	0	0	0.0			18037073	1428	5706		28"
841	7/12/2017	16	7138		0	0.0	-		18128370	91297	3314		24"
842	7/25/2017	13	7138	0	0	0.0			18171446	43076 23874	3411		23"
843	8/1/2017	7	7138		0	0.0			18195320 18214689	19369	3228		30"
844	8/7/2017	6	7138	0	, 0	0.0			18242303	27614	3452		30"
845	8/15/2017	8	7138		0	0.0			18272110	29807	3312		28"
846	8/24/2017	9	7138 7138	0	0	0.0			18313001	40891	3408		34"
847	9/5/2017	, 6	7138		0	0.0	-		18333418	20417	3403		30"
848	9/11/2017	11	7138		0	0.0	-		18370928	37510	3410	322	
849	10/1/2017	9	7138		0	0.0	_		18421486	50558	5618		28"
850 851	10/1/2017	9	7138		0	0.0			18464340	42854	4762	449	
852	10/10/2017	8	7138		0	0.0			18519013	54673	6834		23"
853	10/16/2017	12	7138	0	0	0.0			18574705	55692	4641		30"
854	11/9/2017	10	7138		0	0.0			18621525	46820	4682	442	
855	11/16/2017	7	7138			0.0	,		18652877	31352	4479		24"
856	11/21/2017	5	7138		0	0.0			18675689	22812	4562		23"
857	11/30/2017	9	7138		0				18708150	32461	3607		30"
858	12/5/2017	5	7138		0				18739411	31261	6252		30.3"
859	12/14/2017	9	7138		0				18784389	44978	4998	471	28"
860	12/18/2017	4	7138		0				18796813	12424	3106	293	30.3"
861	12/29/2017	11	7138		0				18843252	46439	4222		28.8"
862	1220,2017		. 100										
863													
864													
865													,
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IESI BETHLEHEM LANDFILL

П	AE	AF	AG	AH	Al	AJ	AK	AL	AM	AN	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)	g/ac/daqy	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	33"
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	32.5"
832	4/1/2017	8	42395	0	0	0			7436125	13358	1670	402	
833	4/10/2017	9		130	14	1			7567449	131324	14592	3516	51"
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	46"
836	5/16/2017	11	42525	0	0	0			7756823	81703	7428	1790	50"
837	5/29/2017	13	42525	0	0	0		/	7781763	24940	1918	462	46"
838	6/6/2017	8	42525	0	0	0			7789950	8187	1023	247	50"
839	6/14/2017	8	42525	0	0	0			7798965	9015	1127	272	48"
840	6/26/2017	12	42525	0	0	0			7849110	50145	4179	1007	51"
841	7/12/2017	16		0	0	0			7909538	60428	3777	910	26"
842	7/25/2017	13	42525	0	0	0			7963198	53660	4128	995	27"
843	8/1/2017	7		0	0	0			7988847	25649	3664	883	28"
844	8/7/2017	6	42525	0	0	0			8004442	15595	2599	626	26"
845	8/15/2017	8		0	0	0			8034323	29881	3735	900	
846	8/24/2017	9	42525	0	0	0			8060817	26494	2944	709	28"
847	9/5/2017	12		0	0	0			8095917	35100	2925	705	28"
848	9/11/2017	6	42525	0	0	0			8114833	18916	3153	760	26"
849	9/22/2017	11	42525	0	0	0			8146263	31430	2857	688	27"
850	10/1/2017	9	42525	0	0	0			8165540	19277	2142		28"
851	10/10/2017	9	42525	0	0	0			8193568	28028	3114	750	27"
852	10/18/2017	8		0	0	0			8215228	21660	2708		28"
853	10/30/2017	12		0	0	0			8248195	32967	2747	662	
854	11/9/2017	10		0	0	0			8282864	34669	3467	835	
855	11/16/2017	7	42525	0	0	0			8304208	21344	3049		50"
856	11/21/2017	5	42525	0	0	0			8320030	15822	3164		48"
857	11/30/2017	9	42525	0		0			8343453	23423	2603		51"
858	12/5/2017	5	42559	34		1			8364692	21239	4248		23.4"
859	12/14/2017	9	42559	0	0	0			8394093	29401	3267		24.9"
860	12/18/2017	4	42559	0		0			8401668	7575	1894		24.9"
861	12/29/2017	11	42581	22	2	0			8434286	32618	2965	715	25.1"
862													
863											1		
864													
865													
866													

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828														
960		TIME	LMC	3-6 (Secor	LMC-6 (Secondary Flows)			LMC-7 (Secondary Flows)	ndary Flows		LM	LMC-8 (Secondary Flows)	dary Flows	()
961		(days)	TOTALIZER GALLONS*LOW (gpd	GALLONS	FLOW (gpd	G/A/D	TOTALIZER	TOTALIZER GALLONS FLOW (gpd)	FLOW (gpd)	G/A/D	TOTALIZER	TOTALIZER GALLONS LOW (gpd	LOW (gpd	G/A/D
3962	1/7/2017	42 742 00	1484048	1 484 048	35		2043220	2043229	48		5 143 931	5143931	120	21
964	1/16/2017	00 6						8305	923		1	1	2.372	409
965	1/25/2017	9.00		8.697				12006	-			27758	3.084	532
996	1/31/2017	00.9			576	37		7510	1,252	103	5,210,362		2,888	498
296	2/7/2017	7.00						3092	442			ľ		467
896	2/17/2017	10.00	1508711	1,732			2078288	4146						144
696	2/21/2017	4.00	1509451	740		12	2080114	1826						160
970	3/1/2017	8.00					2083634	3520			5,250,559			198
971	3/8/2017	7.00	1515422		073 - 900		2088955	5321		The state of the s				439
972	3/13/2017	5.00				90	2092503	3548						499
973	3/24/2017	11.00	1524044	4,701			2095954	3451				-		693
974	4/1/2017	8.00	1534999	10,955	1		2101234	5280	099	No.				912
975	4/10/2017	9.00	1542042	7,043			2103821	2587	287			39832		763
926	4/21/2017	11.00		8,017			2105210	1389	126					322
226	5/5/2017	14.00				35	2022585							27
878	5/16/2017	11.00	200				2029338	6753	614					59
626	5/29/2017	13.00					2033884	4546	350					55
980	6/6/2017	8.00	1565576			12	2034934	1050	131					55
981	6/14/2017	8.00		953		8	2036213	1279			5,444,044			36
982	6/26/2017	12.00				4	2039258	3045						30
983	7/3/2017	7.00	1569495	2,179		20		2794						37
984	7/12/2017	9.00		1,235		0		3717					-	47
985	7/25/2017	13.00	1572504	1,774		6	2053788	8019	617					96
986	8/1/2017	7.00		1,177		11	2058381	4593	656		5,463,970	1		163
286	8/7/2017	6.00		1,597				1090	182		- 1			369
988	8/15/2017	8.00		3,755				6071	759			30471	- 1	657
686	8/24/2017	9.00	1581319	2,286		16		4543	505					335
066	9/5/2017	12.00	1582975	1,656				5670	473					59
991	9/11/2017	6.00						2073	346				512	88
892	9/22/2017	11.00				80		1917	174		5,534,906	2947	268	46
993	10/1/2017	9.00				6		5460	209	The state of the s			218	38
994	10/10/2017	9.00				7	2088376	3171	352			2845	316	55
982	10/18/2017	8.00		899		7	2088699	323	40			563	2	12
966	10/30/2017	12.00	1589136			4		1207	101				-	26
266	11/9/2017	10.00		740		5	2098867	8961	896		5,553,055	10982	-	189
866	11/16/2017	7.00	1590201	325		3	2099532	999	95					106
666	11/21/2017	5.00	1590652	451		9	Sic	813	163			7551	1,510	260
1000	11/30/2017	9.00	1590890	238			2103323	2978	331	27		11638	1,293	223
1001	12/5/2017	5.00	1596165	5,275	-	29	2098867			-73		3629	726	125
1002	12/14/2017	9.00	1597340				2098928	61	7	1	5,582,637		272	47
1003	12/18/2017	4.00			73	5		54	14		5,583,261		156	27
1004	12/29/2017	11.00	1600383				2105661	6299	209	50			1,394	240
1005														
1006														
1007														
1008														
1009							Flow Med	er Reset During C	alibiation					
1010														1

	TIME	LMC-	6 (Primary	Flows)		LMC-7	(Primar	y Flows)	LMC	C-8 (Prima	y Flows)	变量
	(days)	OTALIZE	GALLONS	OW (g	3/A/I	TOTALIZER	ALLON	OW (gr	G/A/E	TOTALIZER	GALLONS	LOW (gp	G/A/D
8/1/2017	0.00	1833523	355,061	#####	###	3994983	2E+06	######	###	7030413	1906743	#DIV/0!	#####
8/7/2017	6.00	1835000	1,477	246	16	3997393	2410	402	33	7064731	34318	5,720	986
8/15/2017	8.00	1837413	2,413	302	19	4000733	3340	418	34	7072215	7484	936	161
8/24/2017	9.00	1839675	2,262	251	16	4004073	3340	371	30	7079847	7632	848	146
9/5/2017	12.00	1842536	2,861	238	15	4008111	4038	337	28	7089767	9920	827	143
9/11/2017	6.00	1843936	1,400	233	15	4010776	2665	444	36	7094714	4947	825	142
9/22/2017	11.00	1846332	2,396	218	14	4014802	4026	366	30	7103331	8617	783	135
10/1/2017	9.00	1848492	2,160	240	15	4017889	3087	343	28	7111196	7865	874	151
10/10/2017	9.00	1850120	1,628	181	12	4020248	2359	262	21	7117256	6060	673	116
10/18/2017	8.00	1851785	1,665	208	13	4022517	2269	284	23	7123479	6223	778	134
10/30/2017	12.00	1854272	2,487	207	13	4025802	3285	274	22	7133026	9547	796	137
11/9/2017	10.00	1856512	2,240	224	14	4029063	3261	326	27	7141122	8096	810	140
11/16/2017	7.00	1858048	1,536	219	14	4031820	2757	394	32	7146716	5594	799	138
11/21/2017	5.00	1859083	1,035	207	13	4033652	1832	366	30	7150968	4252	850	147
11/30/2017	9.00	1860732	1,649	183	12	4036354	2702	300	25	7156840	5872	652	112
12/5/2017	5.00	1862408	1,676	335	21	4038656	2302	460	38	7162564	5724	1,145	197
12/14/2017	9.00	1864830	2,422	269	17	4041874	3218	358	29	7171103	8539	949	164
12/18/2017	4.00	1865489	659	165	10	4042729	855	214	18	7173482	2379	595	103
12/29/2017	11.00	1868340	2,851	259	17	4046585	3856	351	29	7182285	8803	800	138
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