IESI Bethlehem Landfill Committee Meeting Minutes

Date: Thursday, February 15, 2018

Time: 1:10 p.m.

Location: Lower Saucon Township Council Meeting Room

Attendance: Hanover Engineering: Chris Taylor; Exelon: Lane Bradley; IESI: Nick Rogers, Dave Pannucci,

Regional Engineer; Council Liaison: Priscilla deLeon (speaker phone); Members: Hazem Hijazi &

Neil Ortwein; Staff: Leslie Huhn & Diane Palik.

Mr. Rogers reviewed the monthly tonnages for January.

| | November | December | <u>January</u> |
|----------------------|-----------------------|-----------------|-----------------|
| MSW | 29,701.69 | 31,017.83 | 27,874.92 |
| C&D | 3,505.73 | 3,107.24 | 4,223.81 |
| Residual (Total) | 1,302.23 | 1,311.66 | 1,149.42 |
| Asbestos | 111.11 | 57.90 | 113.91 |
| Sewage Sludge | New Category as of 02 | -15-18 | 59.53 |
| Out of State (Total) | 22,094.82 (64%) | 23,644.47 (66%) | 21,661.86 (65%) |
| Recycle | 0 (0%) | 24 (79%) | 8 (57%) |
| No. Trucks | 3,083 | 3,103 | 2,875 |

Mr. Rogers said there were four Form U Submittals from January 22nd through February 12th. Mr. Taylor asked if they take tires? Mr. Rogers said as long as they are cut up.

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, Q3 operations report-extended version and Q4 facility report and host fees.

Mr. Rogers said there was an inspection on February 13th by Jessica Wagoner, A. Faulch and Teresa Sirnic. There were three Host Municipal inspections. The working phase was observed and the condition of the daily cover, which they said needs better cover. They did do 30 surface scans and there were no surface emissions in Phases I, II, III and IV.

Mr. Rogers said there were 3,083 total trucks with 62 overweight's, 47 warnings and 15 suspensions. The overweight's are internal and Mr. Hallock has been talking to them about it. Mr. Rogers said for the Lower Saucon Police Report, there were none for the month of January.

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 and the flare is taking the rest. There was a mechanical seal leak and a new compressor is coming in by the end of next week and that will be installed. They had a planned maintenance outage last week and all compressors were shut down. He doesn't know when they will be back to 100% as he has to bring manpower up from MD and they have to install the new compressor. Mr. Hijazi asked what percentage of gas are you taking out with one compressor. Mr. Lane was it's under half.

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. 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 two radioactive loads for January, which were Iodine 131. The waste stream met Level 1 requirements and was disposed of onsite.

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Mr. Taylor asked about the work taking place at the flare instrumentation panel being conducted by your outside consultant to provide supervisory control over the flare function. Mr. Rogers said they had Earth Res who does programming as well as the groundwater work; they installed a data package for them so they could remotely tie into their flare system from their phones or laptops wherever they are. If the flare shuts down in the middle of the night, or they need to control vacuum, they are able to do that now, and then they don't need people coming in all the time.

Mr. Taylor asked how far along they were with stripping off the excess cover in the piggyback cap area. It was mentioned it was at 80% before. Mr. Rogers said that's where they stopped. Mr. Taylor asked when they get good site conditions, if they will finish the MSE wall and the customer convenience/recycling area then start to install a liner behind the MSE wall and at what point does the piggyback area start? Mr. Rogers said they will have to put the stone and leachate piping in first, so that's a little while yet. Mr. Taylor asked if until then will all the garbage disposal be up on top. Mr. Rogers said yes.

Mr. Taylor said that same system is going to be installed for BRE. For IESI, as a side benefit of that, the flare will automatically adjust to changes in gas flows where it has to be done manually right now.

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 for the SE Realignment construction activities, topsoil and soil continues to be removed and stockpiled from Phase II. Construction of the MSE wall and drop off center has stopped due to inclement weather. LMC-1 has been decommissioned and LMC-1R is now in place and functioning with a new EPG pump system.

Mr. Rogers said IESI followed up on January 26th for an odor complaint called in to DEP on January 25th at 7:09 p.m. from Steel City. DEP found no odors the next day. Mrs. deLeon asked if they described the complaint. Mr. Rogers said no they didn't. At the time of the complaint, the plant and flare were both operating.

Mr. Taylor reviewed all the primary and secondary flows at the pump stations. He said for our abatement wells, there is one replacement, AB-2R. Mr. Rogers said AB-1 will also be replaced.

Mrs. deLeon mentioned the odor complaint on January 25th, and asked when was the date she drove past and saw a little bit of ballooning on the temporary cover? Mr. Rogers said that was on January 23rd and it was taken care of. Mr. Rogers said they were doing air compressor maintenance. Mrs. deLeon said this should be part of the minutes. Mr. Rogers said a report was issued on this incident. Mr. Taylor said he did mention this in his January inspection report. There was a whole paragraph referencing it and an explanation from Mr. Rogers. It was very well covered.

Mr. Taylor went over his inspection report from today, which will be forwarded to the Township. He said there was a lot of mud on Applebutter Road and the street sweeper was out cleaning up the road. The truck wash is being fixed. He asked Mr. Pannucci where he will be spending most of his time. Mr. Pannucci said he will split his time between IESI and Blue Ridge. Mr. Hijazi asked about the misters. Mr. Rogers said it depends on the weather. If they are on when it's very cold, they will freeze. They did put up a portable spraying system on the working face. If it stays warm, they can use that one.

The next mid-inspection will be March 1st and then March 15th. The committee meeting will be March 15th at 1:00 p.m. The meeting adjourned at 1:43 p.m.

IESI Bethlehem Landfill LST Committee Meeting Notes February 15, 2018

Agenda Items

I. Waste Activities

Monthly Tonnages

| | November | December | January |
|----------------------|----------------|----------------|----------------|
| MSW | 29,701.69 | 31,017.83 | 27,874.92 |
| C&D | 3,505.73 | 3,107.24 | 4,223.81 |
| Residual (total) | 1,302.23 | 1,311.66 | 1,149.42 |
| Asbestos | 111.11 | 57.90 | 113.91 |
| Sewage Sludge | | r | 59.53 |
| Out of state (total) | 22,094.82(64%) | 23,644.47(66%) | 21,661.86(65%) |
| Recycle | 0(0%) | 24(79%) | 8(57%) |

| Form U Submittals | Waste | Approval Date |
|--------------------------------|------------------------|---------------|
| GAC Abatement | ACM (501) | 1/22/2018 |
| Linde North America LLC | Contaminated Soil(506) | 1/29/2018 |
| Brandenburg | ACM(501) | 2/12/2018 |
| Recycling Logistics & Transpor | t Waste Tires(510) | 2/12/2018 |

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

Q3 Operations Report-extended version

Q4 Facility Report and Host Fees

IV. Landfill Operations

Department of Environmental Protection Inspections

2/13/18

J. Wagoner, A. Faulch, Teresa Sirnic (New SW Inspector)

Host Municipal Inspection

| 1/5/18 | C. Taylor |
|---------|-----------|
| 1/18/18 | C. Taylor |
| 2/1/18 | C. Taylor |

| Commercial Waste Vehicles Total #Trucks | November 3083 | December 3103 | January 2875 |
|---|-------------------|----------------------------|---------------------------|
| Overweight Warnings Suspensions | November 51 35 16 | December 67 57 10 | January 62 47 15 |

15DT, 8-TT 26-TT 65-TT, 1-RL, 1-RO 1-DT 61-61TT

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 January 2017:

None for the month of December

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 End of event startup | Date: 1/1/18 Date: 1/1/18 | Time: 8:31 Time: 14:24 | Duration: 7:07min |
|---|---------------------------|---------------------------|--------------------|
| Beginning of event shutdown Flare | Date: 1/2/18 | Time: 8:47 | Duration: 0:10min |
| End of event startup | Date: 1/2/18 | Time: 8:57 | |
| Beginning of event shutdown Flare | Date: 1/5/18 | Time: 8:56 | Duration: 3:31min |
| End of event startup | Date: 1/5/18 | Time: 12:27 | |
| Beginning of event shutdown Flare | Date: 1/5/18 | Time: 14:43 | Duration: :06min |
| End of event startup | Date: 1/5/18 | Time: 14:49 | |
| Beginning of event shutdown Flare | Date: 1/9/18 | Time: 12:47 | Duration: 1:27min |
| End of event startup | Date: 1/9/18 | Time: 14:10 | |
| Beginning of event shutdown Flare | Date: 1/10/18 | Time: 9:56 | Duration: 3:13min |
| End of event startup | Date: 1/10/18 | Time: 13:43 | |
| Beginning of event shutdown Flare | Date: 1/29/18 | Time: 9:13 | Duration: :06min |
| End of event startup | Date: 1/29/18 | Time: 9:19 | |
| Beginning of event shutdown Plant | Date: 1/6/18 | Time: 19:03 | Duration: 54:43min |
| End of event startup | Date: 1/9/18 | Time: 12:46 | |
| Beginning of event shutdown Plant | Date: 1/14/18 | Time: 1:49 | Duration: 3:01min |
| End of event startup | Date: 1/14/18 | Time: 4:50 | |
| Beginning of event shutdown Plant | Date: 1/18/18 | Time: 10:51 | |

End of event startup Date: 1/18/18 Time: 16:37 Duration: 5:16min

Beginning of event shutdown Plant Date: 1/29/18 Time: 7:06

End of event startup Date: 1/29/18 Time: 18:23 Duration: 11:17min

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.

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 two radioactive loads for January 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. 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

One odor complaint on January 25, 2018 at 7:07PM from Steel City. At the time of the complaint the plant and flare were both operating.

IESI BETHLEHEM LANDFILL

| | Α Ι | В | c l | D | E | F | Н | 1 | J | К | м (| N | 0 |
|--|-----------------------|--------------|--------------|--|---------------|----------|------------------|----------------|----------------------|--------------|-------------|---|--------------|
| 818 | | TIME | | | econdary Flo | | | hase I\ | / PS-1 (Prima | ry flow) | | | sump |
| 819 | | (days) | TOTALIZER | GALLONS | FLOW (gpd) | glaciday | | | Totalizer | gallons | flow(gpd) | glaciday | inches |
| 820 | | \udyu/ | TOTALILLIN | 07.220770 | (3)/ | <u> </u> | | | | - | | | |
| 821 | 1/7/2017 | 42742 | 289252 | 289252 | 7 | 0 | | | 44702260 | 44702260 | 1046 | 40 | |
| 822 | 1/16/2017 | 9 | 289267 | 15 | 2 | 0 | | | 44801519 | 99259 | 11029 | 424 | 20" |
| 823 | 1/25/2017 | 9 | 289278 | 11 | 1 | . 0 | | | 44957309 | 155790 | 17310 | 666 | |
| 824 | 1/31/2017 | 6 | 289279 | 1 | 0 | Ô | | | 45046100 | 88791 | 14799 | 569 | 16" |
| 825 | 2/7/2017 | | 289387 | 108 | 15 | 1 | | | 45143008 | 96908 | 13844 | 532 | 30*18" |
| 826 | 2/17/2017 | 10 | 291442 | 2055 | 206 | 8 | \Box | | 45275449 | 132441 | 13244 | 509 | 14" |
| 827 | 2/21/2017 | 4 | 291565 | 123 | 31 | 1 | | | 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 | | | 45512202 | 87569 | 12510 | | 14.5" |
| 830 | 3/13/2017 | 5 | 292429 | 186 | 37 | 1 | | | 45569317 | 57115 | 11423 | 439 | |
| 831 | 3/24/2017 | 11 | 292755 | 326 | 30 | 1 | | | 45703669 | 134352 | 12214 | 470 | |
| 832 | 4/1/2017 | 8 | 292881 | 126 | 16 | 1 | | | 45741972 | 38303 | 4788 | 184 | |
| 833 | 4/10/2017 | 9 | 293182 | 301 | 33 | 1 | | | 45921912 | 179940 | 19993 | 769 | |
| 834 | 4/21/2017 | 11 | 293583 | 401 | 36 | 1 | | | 46039244 | 117332 | 10667 | 410 | |
| 835 | 5/5/2017 | 14 | 294355 | 772 | 55 | 2 | | | 46228523 | 189279 | 13520 | 520 | |
| 836 | 5/16/2017 | 11 | 294429 | 74 | 7 | 0 | | | 46314948 | 86425 | 7857 | 302 | |
| 837 | 5/29/2017 | 13 | 294672 | 243 | 19 | 1 | | | 46451109 | 136161 | 10474 | 403 | |
| 838 | 6/6/2017 | 8 | 295616 | 944 | 118 | 5 | <u> </u> | | 46544796 | 93687 | 11711 | 450 | |
| 839 | 6/14/2017 | 8 | 295819 | 203 | 25 | 1 | | | 46598825 | | 6754 | 260 | |
| 840 | 6/26/2017 | 12 | 296223 | 404 | 34 | 1 | | | 46715770 | 116945 | 9745 | 375 | |
| 841 | 7/12/2017 | 16 | 296795 | 572 | 36 | 1 | | | 46859351 | 143581 | 8974 | 345 | |
| 842 | 7/25/2017 | 13 | 297257 | 462 | 36 | 1 | | | 46980076 | 120725 | 9287 | 357 | |
| 843 | 8/1/2017 | 7 | 297504 | 247 | 35 | 1 | | <u> </u> | 47042709 | 62633 | 8948 | 344 | |
| 844 | 8/7/2017 | 6 | 297709 | 205 | 34 | 1 | | <u> </u> | 47097535 | 54826 | 9138 | 351 | |
| 845 | 8/15/2017 | 8 | 298039 | 330 | 41 | 2 | | | 47176059 | 78524 | 9816 | 378 | |
| 846 | 8/24/2017 | 9 | 298381 | 342 | 38 | 1 | | | 47259558 | | 9278 | 357 | |
| 847 | 9/5/2017 | 12 | 298758 | 377 | 31 | 1 | | <u> </u> | 47366076 | | 8877 | 341 | |
| 848 | 9/11/2017 | 6 | 299012 | | 42 | 2 | | <u> </u> | 47425755 | | 9947 | 383 | |
| 849 | 9/22/2017 | 11 | 299386 | 374 | 34 | | | i | 47525121 | 99366 | 9033 | 347 | |
| 850 | 10/1/2017 | 9 | 299717 | 331 | 37 | 1 | | | 47611077 | | 9551 | 367 | |
| 851 | 10/10/2017 | 9 | 299932 | 215 | 24 | | | <u> </u> | 47667570 | | 6277 | 241 | |
| 852 | 10/18/2017 | 8 | 300121 | 189 | 24 | | | ļ | 47718430 | | | 245 305 | |
| 853 | 10/30/2017 | 12 | 300460 | 339 | 28 | | | <u> </u> | 47813623 | | | | |
| 854 | 11/9/2017 | 10 | 300762 | 302 | 30 | | | <u> </u> | 47891007 | | | 298 286 | |
| 855 | 11/16/2017 | 7 | 300952 | | 27 | 1 | | ļ | 47943070 | | | | |
| 856 | 11/21/2017 | 5 | | | 25 | | | ↓ | 47980793 | | | | |
| 857 | 11/30/2017 | 9 | | 187 | 21 | | | - | 48038300 | | | | |
| 858 | 12/5/2017 | 5 | | | 45 | | | <u> </u> | 48093082 | | | *************************************** | 19.1" |
| 859 | 12/14/2017 | 9 | · | 243 | 27 | | _ | ļ | 48172709 | | | | 22.3" |
| 860 | 12/18/2017 | 4 | | | 19 | | | - | 48192775 48268709 | | | | 13.4" |
| 861 | 12/29/2017 | 11 | 302000 | 195 | 18 | 1 | + | | 48208708 | 10004 | 0303 | | 10.4 |
| 862 | | | ļ | | | | + | | | | - | + | <u> </u> |
| 863 | | | | | | | - | | | <u> </u> | <u> </u> | | - |
| 864 | | ļ | | · | <u> </u> | | + | | - <u> </u> | | † | · | <u> </u> |
| 865 | | TIME | Phas | e IV PS-1 (| Secondary Flo | ws) | 1 | Phase | IV PS-1 (Prim | ary flow) | | | sump |
| 866 | | (days) | TOTALIZER | GALLONS | FLOW (gpd) | glaciday | +- | T | Totalizer | gallons | flow(gpd) | g/ac/day | inches |
| 867 | 4/0/0040 | | | | | | 1 | | 48301870 | | | + | 14.2" |
| 868 | 1/3/2018 | 5 | | • | | | | t | 48316003 | | | | 14.4* |
| 869 870 | 1/8/2018 1/19/2018 | 11 | | | | | | — | 48335254 | | | | 18.4" |
| 871 | 1/19/2018 | | | | | | | 1. | 48350517 | | 3816 | 147 | 16.1" |
| 872 | 1/30/2018 | | | | | | | 1. | 48371156 | | | 113 | 15.3" |
| 873 | 1100/2010 | <u> </u> | 3040 | T | 1 | 1 | T | L | | | | | |
| 874 | | t | 1 | | | | Т | | | | | | |
| 875 | | | | | | | | | | | | | |
| 876 | | | | | | | | | | | | | |
| 877 | | | | | | | \mathbf{I}^{-} | | | | | | |
| 878 | | | 1 | | | | \mathbf{I}^{-} | | | L | | | |
| 879 | | | | | | | \perp | | | | | | |
| 880 | 1 | | ļ | ļ | <u> </u> | | ļ | | | <u> </u> | <u> </u> | 1 | - |
| 881 | | | 1 | 1 | 1 | | | 4 | | | | | |
| 881 882 883 | | + | | | | | -+ | + | | | 1 | | İ |
| 884 | | | 1 | | | 1 | † | 1 | 1 | | | I | |
| 884 885 | | <u> </u> | | † | 1 | | | I | | | | | |
| 886 | | | <u></u> | A. C. C | | 1 | | - | | | | <u> </u> | <u> </u> |
| 887 | | ļ | <u> </u> | 1 | | | | | | | | | |
| 888 | | <u> </u> | | | | | | | | | | 1 | |
| 886 887 888 889 891 892 893 894 | | 1 | | | | · | | 1 | | | T | <u> </u> | |
| 891 | | | | | | i | | | | | 1 | | |
| 892 | | | | 1 | | | | 1 | | | | | |
| 893 | | Į | | | .] | | | * Flow | Meter Malfunction | n . | | _1 | |
| 894 | 1 | 1 | 1 | | | | . ! | 1 | 1 | | ! | | |

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| - Termina | Q | R | \$ | Т | U | V | W | Х | Y | Z | AA | AB | AC |
|---|---|----------------------|--|----------------------------------|---|---|--|--------------|---|---|---|--|--|
| 818 | TIME | Phas | ie IV PS-2 (S | | | | | | IV PS-2 (Pri | | | | sump |
| 819 | (days) | OTALIZEI | GALLONS | FLOW (gpd) | glaciday | | | | Totalizer | gallons | flow(gpd) | g/ac/day | inches |
| 820 | | | | | | | | | | | *** *** *** | | |
| 821 | | #VALUE! | 7137 | #VALUE! | #VALUE! | #VALUE! | | | 17511066 | 17511066 | #VALUE! | #VALUE! | |
| 822 | 1/16/2017 | 9 | 7137 | 0 | 0 | 0.0 | | | 17522171 | 11105 | 1234 1695 | 116 160 | |
| 823 | 1/25/2017 | 9 | 7137 | . 0 | 0 | 0.0 | | | 17537426 17558779 | 15255 21353 | 3559 | 336 | |
| 824 | 1/31/2017 | 6 | 7137 | 0 | 0 | 0.0 | | | 17571456 | 12677 | 1811 | 171 | |
| 825 | 2/7/2017 | 7 10 | 7137 7137 | 0 | 0 | 0.0 | | | 17633923 | 62467 | 6247 | 589 | |
| 826 827 | 2/17/2017 2/21/2017 | 4 | 7137 | 0 | 0 | 0.0 | | | 17646792 | 12869 | 3217 | 304 | |
| 828 | 3/1/2017 | 8 | 7137 | 0 | Ö | 0.0 | | | 17674133 | 27341 | 3418 | 322 | |
| 829 | 3/8/2017 | 7 | 7138 | 1 | 0 | 0.0 | | | 17697782 | 23649 | 3378 | 319 | 31.2" |
| 830 | 3/13/2017 | 5 | 7138 | 0 | 0 | 0.0 | | | 17714733 | 16951 | 3390 | 320 | 31.2" |
| 831 | 3/24/2017 | 11 | 7138 | 0 | 0 | 0.0 | | | 17753003 | 38270 | 3479 | 328 | 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 | 0 | 0.0 | | | 17859299 | 43418 | 3947 | 372 | |
| 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 | ļ | | 18016925 | 1203 | 150 | | 30" |
| 839 | 6/14/2017 | 8 | 7138 | 0 | 0 | | | | 18035645 | 18720 | 2340 119 | 221 | 30" |
| 840 | 6/26/2017 | 12 | 7138 | 0 | 0 | 0.0 | - | <u> </u> | 18037073 18128370 | 1428 91297 | 5706 | 538 | |
| 841 | 7/12/2017 | 16 | 7138 | 0 | 0 | | | | 18128370 18171446 | 43076 | 3314 | 313 | |
| 842 | 7/25/2017 | 13 7 | 7138 7138 | 0 | 0 | | | - | 18195320 | 23874 | 3411 | 313 | |
| 843 844 | 8/1/2017 8/7/2017 | 6 | 7138 | 0 | 0 | | | — | 18214689 | 19369 | 3228 | 305 | |
| 845 | 8/15/2017 | 8 | 7138 | 0 | 0 | | | <u> </u> | 18242303 | 27614 | 3452 | 326 | |
| 846 | 8/24/2017 | 9 | 7138 | ŏ | | | | | 18272110 | 29807 | 3312 | 312 | |
| 847 | 9/5/2017 | 12 | 7138 | 0 | | | | | 18313001 | 40891 | 3408 | 321 | 34" |
| 848 | 9/11/2017 | 6 | 7138 | 0 | Ō | 0,0 | | | 18333418 | 20417 | 3403 | 321 | |
| 849 | 9/22/2017 | 11 | 7138 | 0 | 0 | 0.0 | | | 18370928 | 37510 | 3410 | 322 | |
| 850 | 10/1/2017 | 9 | 7138 | 0 | | | | | 18421486 | 50558 | 5618 | 530 | |
| 851 | 10/10/2017 | 9 | 7138 | 0 | | | | <u></u> | 18464340 | 42854 | 4762 | 449 | 1 |
| 852 | 10/18/2017 | 8 | 7138 | 0 | | | ļ | | 18519013 | | 6834 | 645 | |
| 853 | 10/30/2017 | 12 | 7138 | | | | | | 18574705 | 55692 | 4641 | | 30" |
| 854 | 11/9/2017 | 10 | 7138 | 0 | | | <u> </u> | ļ | 18621525 | 46820 | 4682 | 442 | |
| 855 | 11/16/2017 | 7 | 7138 | | | | | | 18652877 | 31352 | 4479 4562 | | 24" |
| 856 | 11/21/2017 | 5 | 7138 | | | | | | 18675689 | | 3607 | 340 | |
| 857 | 11/30/2017 | 9 | 7138 | | | | | | 18708150 18739411 | 31261 | 6252 | | 30.3" |
| 858 | 12/5/2017 12/14/2017 | | 7138 | | | | | | 18784389 | | | | |
| 859 | | | | | | | | E | | | 4998 | 1 471 | 128" |
| peni | | 9 | 7138 | | | | | | | | 4998 3106 | | |
| 860 | 12/18/2017 | 4 | 7138 | 0 | 0 | 0.0 | | | 18796813 | 12424 | 3106 | | 30.3" |
| 861 | | | | 0 | 0 | 0.0 | | | | | | 293 | 30.3" |
| 861 862 | 12/18/2017 | 4 | 7138 | 0 | 0 | 0.0 | | | 18796813 | 12424 | 3106 | 293 | 30.3" |
| 861 862 863 | 12/18/2017 | 4 | 7138 | 0 | 0 | 0.0 | | | 18796813 | 12424 | 3106 | 293 | 30.3" |
| 861 862 863 864 | 12/18/2017 | 4 11 | 7138 7138 | 0 | 0 | 0.0 | | | 18796813 18843252 | 12424 46439 | 3106 | 293 | 30.3" 28.8* |
| 861 862 863 864 | 12/18/2017 | 4 11 | 7138 | 0 | 0 0 Flows) | 0.0 | | Phase | 18796813 18843252 18843252 | 12424 46439 imary) | 3106 4222 | 293 398 | 30.3" 28.8" sump |
| 861 862 863 864 865 866 867 | 12/18/2017 12/29/2017 TIME (days) | 4 11 Pha | 7138 7138 80 IV PS-2 (S | 0 0 Secondary | 0 0 Flows) | 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer | 12424 46439 imary) | 3106 4222 flow(gpd) | 293 398 398 g/ac/day | 30.3" 28.8" sump |
| 861 862 863 864 865 866 867 | 12/18/2017 12/29/2017 TIME (days) | Pha OTALIZE | 7138 7138 7138 8e IV PS-2 (S | 0 0 Secondary FLOW (gpd | Flows) | 0.0 | | Phase | 18796813 18843252 N PS-2 (Pr Totalizer 18866480 | 12424 46439 imary) gallons 23228 | 3106 4222 flow(gpd) 4646 | 293 398 398 g/ac/day 438 | 30.3" 28.8" sump inches 28.6" |
| 861 862 863 864 865 866 867 868 | 12/18/2017 12/29/2017 TIME (days) 1/3/2018 | Pha OTALIZEI 5 5 | 7138 7138 7138 se IV PS-2 (GALLONS 7138 7138 | Secondary FLOW (gpd | Flows) glaciday 0 | 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 | 12424 46439 imary) gallons 23228 23890 | 3106 4222 flow(gpd) 4646 4778 | 293 398 398 g/ac/day 438 451 | 30.3" 28.8" sump inches 28.6" 28.2" |
| 861 862 863 864 865 866 867 868 869 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 | 7138 7138 7138 7138 se IV PS-2 (5 GALLONS 7138 7138 | Secondary FLOW (gpd | Flows) glac/day 0 | 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 B IV PS-2 (Pr Totalizer 18866480 18890370 18944684 | 12424 46439 imary) gallons 23228 23890 54314 | 3106 4222 flow(gpd) 4646 4778 4938 | 293 398 398 g/ac/day 438 451 466 | 30.3" 28.8" sump inches 28.6" 28.2" 18" |
| 861 862 863 864 865 866 867 868 869 870 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 869 870 871 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (1 GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 B IV PS-2 (Pr Totalizer 18866480 18890370 18944684 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" |
| 861 862 863 864 865 866 867 868 869 870 871 872 873 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 869 870 871 872 873 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 878 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 878 879 880 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 368 870 871 872 873 874 875 876 877 878 879 880 881 882 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 878 879 880 881 882 883 883 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 368 869 871 872 873 874 875 876 877 878 878 879 880 881 882 883 884 885 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 869 871 872 873 874 875 876 877 878 879 878 889 881 882 883 884 885 886 887 888 888 888 888 888 888 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 887 887 887 888 882 883 884 885 886 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 870 871 872 873 874 875 876 879 880 881 882 885 886 887 888 889 889 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 869 871 872 873 874 875 876 877 878 880 881 882 883 884 885 886 887 888 888 888 888 888 888 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |
| 861 862 863 864 865 866 867 868 870 871 872 873 874 875 876 877 887 887 888 889 884 885 885 886 887 888 887 888 888 889 889 889 | 12/18/2017 12/29/2017 12/29/2017 TIME (days) 1/3/2018 1/8/2018 1/19/2018 | Pha FOTALIZE 5 11 4 | 7138 7138 7138 se IV PS-2 (S GALLONS 7138 7138 7138 | Secondary FLOW (gpd 0 0 0 | Flows) g/ac/day 0 0 0 0 0 0 0 0 0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | | Phase | 18796813 18843252 2 IV PS-2 (Pr Totalizer 18866480 18890370 1894468 18964100 | 12424 46439 imary) gallons 23228 23890 54314 19416 | 3106 4222 flow(gpd) 4646 4778 4938 4854 | 293 398 g/ac/day 438 451 466 458 | 30.3" 28.8" sump inches 28.6" 28.2" 18" 32.2" |

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| | AE | AF | AG | АН | Al | AJ | AK | AL. | AM | AN | AO | AP | AQ |
|------------|----------------|---------------|--------------|-----------|----------------|--------------|----------------|----------------|--------------------|----------------|--------------|---------------|--------------|
| 818 | | Phase IV | | | | | | Phase IV | PS-3 (Prima | ary) | | | sump |
| 819 | Date | days | totalizer | | flow(gpd) | g/ac/day | - | | totalizer | gallons | flow(gpd) | g/ac/daqy | inches |
| 820 | Duto | - dayo | | | - 101 / | | | | | | | | |
| 821 | 1/7/2017 | 42742 | 42219 | 42219 | 1 | 0 | | | 6985258 | 6985258 | 163 | 39 | 33" |
| 822 | 1/16/2017 | 9 | 42219 | 0 | 0 | Ö | | | 7036176 | 50918 | 5658 | 1363 | 32" |
| 823 | 1/25/2017 | 9 | 42219 | 0 | 0 | 0 | | | 7121135 | 84959 | 9440 | 2275 | |
| 824 | 1/31/2017 | 6 | 42219 | 0 | 0 | 0 | | | 7171436 | 50301 | 8384 | 2020 | |
| 825 | 2/7/2017 | 7 | 42395 | 176 | 25 | 2 | | | 7223719 | 52283 | 7469 | 1800 | |
| 826 | 2/17/2017 | 10 | 42395 | 0 | 0 | 0 | | | 7258490 | 34771 | 3477 | 838 | |
| 827 | 2/21/2017 | 4 | 42395 | 0 | 0 | 0 | | | 7276747 | 18257 | 4564 | 1100 | |
| 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 | | 34.4" |
| 830 | 3/13/2017 | 5 | 42395 | 0 | 0 | 0 | | | 7351921 | 16565 | 3313 | | 49.9° |
| 831 | 3/24/2017 | 11 | 42395 | 0 | 0 | 0 | | | 7422767 | 70846 | 6441 | | 32.5" |
| 832 | 4/1/2017 | 8 | 42395 | 0 | 0 | 0 | | | 7436125 | 13358 | 1670 | | 33" |
| 833 | 4/10/2017 | 9 | 42525 | 130 | 14 | 1 | | <u> </u> | 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 | | | 7675120 | 60690 | 4335 | 1045 | * |
| 836 | 5/16/2017 | 11 | 42525 | | 0 | 0 | | | 7756823 | 81703 | 7428 | 1790 | |
| 837 | 5/29/2017 | 13 | | | 0 | 0 | <u> </u> | ļ | 7781763 | 24940 | 1918 | 462 | 46" 50" |
| 838 | 6/6/2017 | | | | 0 | 0 | | ļ | 7789950 | 8187 | 1023 | 272 | |
| 839 | 6/14/2017 | | | | 0 | 0 | | <u> </u> | 7798965 | 9015 | | 1007 | |
| 840 | 6/26/2017 | | 1 | | 0 | 0 | <u> </u> | | 7849110 | 50145 | | 910 | |
| 841 | 7/12/2017 | ~ | | | 0 | 0 | | ļ | 7909538 | 60428 | , | | 27" |
| 842 | 7/25/2017 | | , | | 0 | 0 | | | 7963198 7988847 | 53660 25649 | | | 28" |
| 843 | 8/1/2017 | | | | 0 | 0 | | | 7988847 8004442 | 15595 | | | 26" |
| 844 | 8/7/2017 | | | | 0 | | | | | 15595 29881 | | | 27" |
| 845 | 8/15/2017 | | | | | 0 | | + | 8034323 8060817 | 29881 | | | 28" |
| 846 | 8/24/2017 | | | | 0 | | | | 8095917 | 35100 | + | | 28" |
| 847 | 9/5/2017 | | | | 0 | | | - | 8114833 | | | | 26" |
| 848 | 9/11/2017 | | | | 0 | | | | 8146263 | 31430 | | | 27" |
| 849 | 9/22/2017 | | | | 0 | | | - | 8165540 | | | | 28" |
| 850 | 10/1/2017 | | | | | | | | 8193568 | | | | |
| 851 | 10/10/201 | | | | | | | | 8215228 | | 1 | | |
| 852 | 10/18/201 | | | | | | | ·· | 8248195 | | | | 2 26" |
| 853 | 10/30/201 | | | | | | | | 8282864 | | | | 5 29" |
| 854 | | | | | | | | - | 8304208 | - | | | 5 50" |
| 855 | | | | | | | | | 8320030 | | | | 3 48" |
| 856 | | | | | | | | | 8343453 | | | **** | 7 51" |
| 857 | 11/30/201 | | | | | | | | 8364692 | | | | 4 23.4* |
| 858 | | | | | | .1 | | -1 | 8394093 | | | 7 78 | 7 24.9" |
| 859 | | | | | | | | ~ | 8401668 | | | 45 | 6 24.9" |
| 860 | | | | | | | | | 8434286 | | | 71 | 5 25.1" |
| 861 | | ' | 11 4230 | | + | ' | | | | | | | |
| 862 863 | | ╁┈╌ | | | | ·- | | - | | 1 | | | |
| 864 | | | | - | 1 | | 1 | 1 | İ | 1 | i | 1 | <u> </u> |
| 865 | | | † | | | | | | <u> </u> | 1 | | | - |
| 860 | | Phase I | V PS-3 (S | Secondary | () | | | Phase IV | / PS-3 (Prin | nary) | | | sump |
| 86 | - | days | totalize | r gallon | flow(gpd |) glaciday | , | | totalizer | gallons | |) glacidaq | |
| 86 | | | 5 4258 | |) (|) (|) | | 844740 | - | | | 2 7.2* |
| 869 | | | 5 4258 | 31 (| | |) | | 846011 | | | | 2 25.3" |
| 870 | | | | 31 (|) (| |) | | 850296 | | | | 9 25.9" |
| 87 | - | | 4 4258 | |) (| |) | | 851448 | | | | 4 17" |
| 87 | | | 7 4258 | 32 ′ | 1 (|) (| 0 | | 854462 | 5 3014 | 0 430 | 103 | 8 23" |
| 87 | | | | | | | _ | | | | | - | + |
| 87 | 4 | | | | | | | | | + | + | | - |
| 87 | | | | | 1 | | 4 | | - | + | + | | |
| 87 | 6 | | | | | | - | | | | | | + |
| 87 | 7 | | | | _ | + | | | | + | | - | |
| 87 | | | | | 1 | | | | | - | | - i | |
| 87 | | | | | + | + | | | | | | | |
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IESI PA BETHLEHEM LANDFILL CORP.

| CAID TOTALIZER GALLONS FLOWS GAID TOTALIZER GALLONS GAID GAID TOTALIZER GALLONS GAID GAI | Clark Condary Flows Clark Condary Flows Clark Clar | an an | æ | Ш | υ | ۵ | ш | L. | 7 | ¥ | ۲ | M | a | œ | Ø | - |
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| G/A/D FOTALIZEF GALLONS FLOW (gpd) G/A/D TOTALIZER GALLONS (ppg) G/A 4 2112210 6549 1,310 107 5,605,648 770 1,410 7 2112105 5001 455 2737 5,605,648 770 1,410 8 212342 1737 434 35 5,630,015 2,162 1,966 21 2123728 1737 434 36 5,638,557 2,842 2,136 44 212476 1048 105 9 5,687,587 2,8436 2,842 44 212476 1048 105 9 5,687,587 2,8436 2,844 | GIAND FOTALIZER GALLONS FLOW (gpd GIAD TOTALIZER GALLONS LOW (gpd GIAD TOTALIZER TOTAL | TIME LMC-6 (Secondary Flows) | | LMC-6 (Secondar | 2-6 (Secondar | 흅 | y Flows | | | LMC-7 (Seco | andary Flows | 0 | LM | C-8 (Secon | dary Flows | (|
| 2112210 6549 1,310 107 5 605 649 7050 1,410 2116604 4394 879 77 5 609,687 5 600,015 5 617 2121605 500,13 2 600,015 2 622 1,966 2 73 2123728 1737 434 36 5 639,587 8542 2 136 2123728 586 55 5 693,151 2 0594 2 942 212476 1048 105 9 5 687,587 2 8436 2 844 | 4 2112210 6549 1,310 107 566568 7050 1,410 9 2116604 4394 879 77 5608,386 273 547 7 2121605 5001 456 36 5608,387 1,466 8 2123342 1737 434 36 5,689,587 8542 2,136 21 2123728 386 55 5,689,151 20594 2,842 44 212476 1048 105 9 5,687,587 28436 2,844 1042 105 9 5,687,587 28436 2,844 | TOTALIZ | TOTALIZ | TOTALIZ | GALLONSFLOW | 8 | pdb) | G/A/D | TOTALIZEF | GALLONS | FLOW (gpd) | G/A/D | TOTALIZER | GALLONS | LOW (gpd | G/A/D |
| 2116604 4394 879 72 5.608.386 2737 547 212304 5001 455 37 5.600.015 2.1366 212302 17378 386 56 6.688.015 2.059 2124776 1048 105 9 5.687.587 28436 2.844 2124776 1048 105 9 5.687.587 28436 2.844 | 9 2116604 4394 879 72 5608366 2737 547 7 2121605 5001 455 37 5609018 2123 1,966 8 2123328 173 494 2842 2,136 21 2123776 1048 105 9 5,689,151 20594 2,942 4 2124776 1048 105 9 5,687,587 26436 2,644 | 1/3/2018 5.00 1600721 338 | 1600721 | 1600721 | 338 | | 89 | 4 | | | | | | | | 243 |
| 2121665 5001 455 37 5.630.015 21629 1.966 2123342 1737 434 36 6.638.571 20594 2.136 212378 386 55 5.638.151 20594 2.942 2124776 1048 105 9 5.687.587 28436 2.844 | 7 2121605 5001 455 37 5,630,015 21629 1,966 213342 1737 434 36 5,638,151 20594 2,912 2 1737 212372 1048 105 9 5,687,587 26436 2,844 2 124776 1048 1048 105 9 5,687,587 26436 2,844 2 124776 1048 1048 1048 1048 1048 1048 1048 1048 | 5.00 1601441 | 1601441 | 1601441 | 720 | | 144 | 6 | | 4394 | | | | | | 94 |
| 212332 1737 434 36 568.657 8542 2.136 2123728 386 56 5 5689,151 20594 2.942 2124776 1048 105 9 5,687,587 28436 2,844 104 105 9 5,687,587 28436 2,844 | 8 2123342 1737 454 36 568.657 8542 2.136 21 213728 386 55 5,689,151 20594 2.942 44 2124776 1048 105 9 5,687,587 26446 | 11.00 1602712 1.271 | 1602712 1,271 | 1602712 1,271 | 1,271 | | 116 | 7 | 2121605 | 5001 | | | | | | 339 |
| 2123728 336 55 5 659.151 20594 2.942 2124776 1048 105 9 5.687.587 28436 2.844 | 21 212372e 386 55 5 5689151 20594 2.942 44 212477e 1048 105 9 5,687,587 28436 2,844 | 4.00 1603209 497 | 1603209 497 | 1603209 497 | 497 | | 124 | 80 | | 1737 | | | | | | 368 |
| 2124776 1048 105 9 5,687,587 28436 2,844 | 44 2124776 1048 105 9 5,687,587 28436 2,844 | 7.00 1605516 2,307 | 1605516 2,307 | 1605516 2,307 | 2,307 | ., | 330 | 21 | | | | | | | | 507 |
| | | 10.00 1612457 6,941 | 1612457 6,941 | 1612457 6,941 | | 0 | 694 | 44 | | | | | | | | 490 |
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| TEN S | TIME | | 6 (Primary | | | | (Primar | | | AND REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN | C-8 (Prima | AND DESCRIPTION OF THE PERSON NAMED IN | 3.5 |
|------------|--------|-----------|------------|----------|-------|-----------|---------|--------|-------|--|------------|--|----------|
| | (days) | TOTALIZER | GALLONS | LOW (gpd | 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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| | | | | | | | | | | | | | 22.2 |

| POST COLOR | TIME | LMC- | 6 (Primary | Flows) | | LMC-7 | | | | THE RESERVE OF THE PERSON NAMED IN | C-8 (Primar | A STATE OF THE PARTY OF THE PAR | |
|------------|--------|-----------|------------|----------|-------|-----------|-------|--------|-------|------------------------------------|-------------|--|-------|
| | (days) | TOTALIZER | GALLONS | LOW (gpd | 3/A/I | TOTALIZER | ALLON | OW (gr | G/A/E | TOTALIZER | GALLONS | LOW (gp | G/A/D |
| 1/3/2018 | 5.00 | 1869825 | 1,485 | 297 | 19 | 4048541 | 1956 | 391 | 32 | 7,186,462 | 4177 | 835 | 144 |
| 1/8/2018 | 5.00 | 1871124 | 1,299 | 260 | 17 | 4050267 | 1726 | 345 | 28 | 7,190,792 | 4330 | 866 | 149 |
| 1/19/2018 | 11.00 | 1874259 | 3,135 | 285 | 18 | 4054038 | 3771 | 343 | 28 | 7,199,823 | 9031 | 821 | 142 |
| 1/23/2018 | 4.00 | 1875502 | 1,243 | 311 | 20 | 4055580 | 1542 | 386 | 32 | 7,203,167 | 3344 | 836 | 144 |
| 1/30/2018 | 7.00 | 1877933 | 2,431 | 347 | 22 | 4058577 | 2997 | 428 | 35 | 7,209,026 | 5859 | 837 | 144 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | Y-1 | | | |

BETHLEHEM LANDFILL

LEACHATE DEMAND REPORT January 2018

| Location | Total gallons | |
|----------|---------------|--|
| LMC-6 | 9,593 | |
| LMC-7 | 11,992 | |
| LMC-8 | 26,741 | |
| LMC-10 | 1,252,000 | |
| PS-1 | 230,568 | |
| PS-2 | 159,148 | |
| PS-3 | 110,339 | |
| Phase-IV | 500,055 | |

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 | 1,252,000 |
|----------|-------------------|
| Phase IV | 500,055 |
| TOTAL | 1,752,055 gallons |

Total Leachate

| Leachate | 276,227 |
|----------|-----------------|
| Phase IV | <u>500,055</u> |
| TOTAL | 776,282 gallons |

LMC-10 Flow – Abatement System Flow = Leachate System Flow (gallons). Abatement System Flow = 975,733 gallons (Neptune Flow meters)

BETHLEHEM LANDFILL

GROUNDWATER DEMAND REPORT January 2018

| Well No. | Water Level (avg. ft SWL*) | Flow (avg. GP) | ow vg. GPM) (Total gal) | |
|-------------|----------------------------|-------------------|----------------------------|--|
| AB-1 | 73.1 | 2.2 | 98935 | |
| AB-2 | 69.4 | 0.7 | 32463 | |
| AB-3 | 39.5 | 0.1 | 854 | |
| AB-4 | 38.4 | 1.7 | 78112 | |
| AB-5 | 54.2 | 1.2 | 52790 | |
| AB-6 | 49.9 | 0.2 | 7154 | |
| AB-7 | 54.3 | 3.2 | 140857 | |
| AB-8 | 27.9 | 2.2 | 98082 | |
| AB-9 | 26.7 | 1.7 | 74018 | |
| AB-10 | 49.9 | 8.8 | 392508 | |
| TW-1 | 42.8 | <0.1 | 0 | |
| Total Flow | | 975,773 gallons | | |

*SWL above transducer set point

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