

**Coeur Alaska - Kensington Mine  
Waste Management Permit No. 2013DB0002  
4th Quarter 2022 Report**

**Section 1.7.2**

See attached tables for Monthly Receiving Water Monitoring Results for reporting period

**Section 1.7.3 (Table 1-1)**

Requirement Number	Monitoring Site	Water Quality Analysis Results	Mean Flow/Quantity Results	Frequency
1	Dam Seepage Sump	See Attached Table 1 for Results	See Attached Table 4 for results	(Monthly)
2	TTF Pond	See Attached Table 1 for Results	N/A	Quarterly
3	Upper Slate Lake/(USL) TTF bypass pipe	N/A	See Attached Table 5 for results	Weekly
4	USL to TTF	N/A	No events occurred during the reporting period.	N/A
5	Rainfall	N/A	See Attached Table 6 for results	Monthly
6	Snow	N/A	See Attached Table 6 for results	Cumulative Monthly
7	Graphitic phyllite seeps on the East & West embankments below the dam	No samples collected during reporting period. Samples collected in third quarter of 2021 and planned to be collected in third quarter of 2022.	N/A	When Observed (no more frequently than annually)
8	Graphitic phyllite seeps at the Northwest end of the TTF	See table 1 for water quality results.	N/A	Quarterly when accessible
9	GPPTP effluent	See table 1 for third quarter 2022 results for the GPPTP effluent.	N/A	Monthly
10	GPPTP effluent	N/A	See attached Table 7	Monthly Mean -gpm
11	Mine Drainage to WTP	See Attached Table 1 for results	See Attached Table 8 for results	Monthly
12	Mine Sump Sediments	No samples collected during reporting period. Samples collected in third quarter of 2022.	N/A	Quarterly; Can be reduced to annually after 8 quarterly samples show no significant increase in constituents.
13	Pit 3 standing seep water	No standing seep water identified during the reporting period	N/A	Quarterly
14	Tailings as required by POO	See Attached Table 3 for results	N/A	Quarterly
15	Development Rock as required by POO	See Attached Table 3 for results	N/A	Quarterly

**Section 1.7.4.1**

Requirement Number	Monitoring Site	Visual Monitoring Conducted on Following Date (s)	Issues Identified related to damage or potential damage from settlement, ponding, leakage, frost action, erosion, or operations	Frequency
16	TTF dam	Every Day during reporting period of 10-1-22 thru 12-31-22; Inspection forms can be provided upon request.	None	Weekly
17	Tailings Pipeline	Once a week during reporting period of 10-1-22 thru 12-31-22; Inspection forms can be provided upon request.	None	Weekly



























**Table 2 - Annual Mine Sump Sediments  
Waste Management Permit - Section 1.7.3**

	Station Name	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments	Mine Sump Sediments
	Collect Date/Time	1/19/2017	4/18/2017	7/26/2017	10/17/2017	1/16/2018	1/24/2019	1/9/2020	1/12/2021	1/6/2022
Total Dissolved Solids	mg/L	43	6210	41.2	90	56.7	57	62	27	59
Ammonia as N	mg/L	0.211	<0.050	0.07	0.05	0.164	<0.050	0.29	0.118	<0.030
Nitrate as N	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	0.12	<0.250	<0.250	<0.250
pH lab	pH	8.61	6.59	9.39	8.86	9.27	8.71	8.89	7.91	8.31
Sulfate	mg/L	5.6	12.2	8.97	6.04	8.01	6.1	7.74	11.1	12.2
Hardness, Total	mg/L	24.5	1250	24.5	36.2	27.1	30	32	39.4	44
Total Recoverable Aluminum	mg/L	0.432	<0.20	0.463	0.203	0.166	0.609	0.381	0.174	0.146
Total Recoverable Arsenic	mg/L	<0.0050	<0.010	<0.020	<0.010	<0.0050	<0.010	<0.00300	<0.00300	<0.00300
Total Recoverable Cadmium	mg/L	<0.00020	0.00055	<0.00040	<0.00040	<0.00020	<0.00040	<0.00020	<0.000200	<0.000200
Total Chromium	mg/L	<0.0020	<0.0040	<0.0040	<0.0040	<0.0020	<0.0040	<0.0015	<0.00150	<0.00150
Total Recoverable Copper	mg/L	0.0016	0.0029	<0.010	<0.0020	<0.0010	<0.0020	0.00131	<0.00100	<0.00100
Total Recoverable Iron	mg/L	0.336	0.031	<0.020	0.043	0.038	0.225	0.137	<0.015	<0.015
Total Recoverable Lead	mg/L	0.00028	0.00042	<0.00040	<0.00040	<0.00020	0.00121	<0.00100	<0.00100	<0.00100
Total Recoverable Manganese	mg/L	<0.010	5.86	<0.010	<0.010	<0.010	<0.010	0.0124	0.0089	0.0136
Mercury Total	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00020	<0.000200	<0.000200
Total Recoverable Nickel	mg/L	<0.0020	0.005	<0.0040	<0.0040	<0.0020	<0.0040	<0.0010	<0.00100	<0.00100
Total Recoverable Selenium	mg/L	<0.010	<0.020	<0.020	<0.020	<0.010	<0.020	<0.0050	<0.00500	<0.00500
Total Recoverable Silver	mg/L	<0.00020	<0.00040	<0.00040	<0.00040	<0.00020	<0.00040	<0.000100	<0.000100	<0.000100
Total Recoverable Zinc	mg/L	<0.0050	0.022	<0.050	<0.020	<0.0050	<0.010	<0.0050	<0.0050	<0.0050

2013-2022 Development Rock MWMP Results	Table 3																Nitrate as N (mg/L)	Sulfate as SO4 (mg/L)
	TDS (mg/L)	pH	NH <sub>3</sub> (mg/L)	Al (ug/L)	As (ug/L)	Cd (ug/L)	Cr (ug/L)	Cu (ug/L)	Fe (ug/L)	Pb (ug/L)	Hg (ug/L)	Ni (ug/L)	Se (ug/L)	Ag (ug/L)	Zn (ug/L)			
2013 Development Rock 1st Quarter	91	7.98	0.71	96	ND	ND	ND	1.02	ND	ND	ND	ND	ND	ND	ND	3.76	25.2	
2013 Development Rock 2nd Quarter	174	8.42	1.15	314	ND	ND	ND	ND	ND	ND	ND	1.09	ND	ND	ND	13.1	38.8	
2013 Development Rock 3rd Quarter	221	7.58	1.00	114	ND	ND	ND	1.36	ND	ND	ND	ND	ND	ND	ND	5.27	97.6	
2013 Development Rock 4th Quarter	97	7.45	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.28	37.2	
2014 Development Rock 1st Quarter	73	7.58	0.9	81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.37	17.0	
2014 Development Rock 2nd Quarter	164	7.65	2.95	ND	ND	ND	ND	1.23	ND	ND	ND	1.00	ND	ND	ND	7.27	64.8	
2014 Development Rock 3rd Quarter	ND	7.30	0.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.59	1.7	
2014 Development Rock 4th Quarter	80	7.52	1.87	ND	ND	ND	ND	ND	ND	ND	ND	1.71	ND	ND	ND	6.77	7.81	
2015 Development Rock 1st Quarter	134	7.58	1.09	ND	ND	ND	ND	2.31	ND	ND	ND	1.00	ND	ND	ND	7.76	43.9	
2015 Development Rock 2nd Quarter	71	7.88	1.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.22	4.19	
2015 Development Rock 3rd Quarter	48	7.66	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.28	ND	
2015 Development Rock 4th Quarter	48	7.48	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2016 Development Rock 1st Quarter	82	7.78	0.81	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.04	23.0	
2016 Development Rock 2nd Quarter	159	8.11	1.96	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.26	44.4	
2016 Development Rock 3rd Quarter	85	7.47	0.593	ND	ND	ND	ND	1.04	ND	3.89	ND	ND	ND	ND	ND	2.90	25.3	
2016 Development Rock 4th Quarter	52	7.39	3.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.03	9.0	
2017 Development Rock 1st Quarter	112	7.7	1.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.96	45.2	
2017 Development Rock 2nd Quarter	212	7.84	0.824	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.71	89.7	
2017 Development Rock 3rd Quarter	140	7.4	0.39	ND	ND	ND	ND	ND	ND	ND	ND	1.90	ND	ND	ND	4.34	65.1	
2017 Development Rock 4th Quarter	258	8	1.66	310	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.72	133.0	
2018 Development Rock 1st Quarter	224	7.8	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.90	45.0	
2018 Development Rock 2nd Quarter	214	8.2	0.648	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.45	121.0	
2018 Development Rock 3rd Quarter	106	7.4	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.65	40.3	
2018 Development Rock 4th Quarter	119	7.8	0.225	410	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.2	
2019 Development Rock 1st Quarter	67	7.6	0.154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.14	19.1	
2019 Development Rock 2nd Quarter	125	8.4	0.754	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.10	22.8	
2019 Development Rock 3rd Quarter	117	7.7	0.467	ND	ND	ND	ND	1.61	ND	ND	ND	ND	ND	ND	ND	4.77	49.0	
2019 Development Rock 4th Quarter	31	7.5	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.95	1.8	
2020 Development Rock 1st Quarter	83	7.4	0.096	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.88	20.1	
2020 Development Rock 2nd Quarter	54	8.2	0.293	ND	ND	ND	ND	0.0011	ND	ND	ND	ND	ND	ND	ND	ND	5.2	
2020 Development Rock 3rd Quarter	78	7.7	0.691	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.38	15.2	
2020 Development Rock 4th Quarter	70	7.9	0.629	127	ND	2.05	ND	16.4	ND	ND	ND	2.7	ND	ND	27.4	0.709	6.12	
2021 Development Rock 1st Quarter	62	7.8	1.21	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.71	ND	
2021 Development Rock 2nd Quarter	102	7.5	0.506	118	4.61	ND	ND	3.40	102	ND	ND	ND	ND	ND	ND	2.9	5.21	
2021 Development Rock 3rd Quarter	129	7.8	0.465	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.35	62.6	
2021 Development Rock 4th Quarter	34	7.5	0.587	ND	0.0045	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.72	ND	
2022 Development Rock 1st Quarter	34	7.7	0.363	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00016	ND	ND	ND	
2022 Development Rock 2nd Quarter	78	7.84	0.599	219	4.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.04	23.7	
2022 Development Rock 3rd Quarter	46	7.4	0.192	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.60	5.18	
2022 Development Rock 4th Quarter	158	8.1	2.9	0.094	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.39	63.9	

2013-2022 Development Rock ABA Results	Sulfur,	Sulfur Forms (Acid Extractable and Non-extractable Sulfur) 3.2.6			Acid	Neutralization	Acid - Base
	Total				Potential	Potential	Accounting
	3.2.4	Sulfate	Pyritic	Non-extractable	1.3.1	3.2.3	1.3.1
	wt%	wt%	wt%	wt%	t CaCO3/1000t	t CaCO3/1000t	t CaCO3/1000t
2013 Development Rock 1st Quarter	0.15	ND	0.16	0.16	4.9	39.2	34.3
2013 Development Rock 2nd Quarter	0.03	0.03	ND	ND	ND	85.9	85.9
2013 Development Rock 3rd Quarter	0.04	0.02	0.02	ND	0.5	9.3	8.8
2013 Development Rock 4th Quarter	0.15	0.07	0.09	ND	2.7	91.2	88.5
2014 Development Rock 1st Quarter	0.03	0.03	ND	ND	ND	78.4	78.4
2014 Development Rock 2nd Quarter	0.17	0.03	0.14	ND	4.4	71.1	66.7
2014 Development Rock 3rd Quarter	0.02	0.02	ND	ND	ND	65.3	65.3
2014 Development Rock 4th Quarter	0.07	0.04	0.03	ND	0.8	65	64.2
2015 Development Rock 1st Quarter	0.12	0.07	0.05	ND	1.4	115	113.6
2015 Development Rock 2nd Quarter	0.15	0.06	0.09	ND	2.9	96.1	93.2
2015 Development Rock 3rd Quarter	0.09	0.07	0.02	ND	0.6	71.9	71.3
2015 Development Rock 4th Quarter	0.08	0.04	0.03	ND	1.1	111	109.9
2016 Development Rock 1st Quarter	0.08	0.02	0.06	ND	2.0	78.7	76.7
2016 Development Rock 2nd Quarter	0.03	0.03	ND	ND	ND	89.8	89.8
2016 Development Rock 3rd Quarter	0.04	0.01	0.03	ND	1.0	90.6	89.6
2016 Development Rock 4th Quarter	0.08	0.03	0.04	ND	1.3	70.4	69.1
2017 Development Rock 1st Quarter	0.09	ND	0.01	ND	3.2	77.5	74.3
2017 Development Rock 2nd Quarter	0.09	0.04	0.04	ND	1.3	94.9	93.6
2017 Development Rock 3rd Quarter	0.33	0.17	0.16	ND	4.9	70	65.1
2017 Development Rock 4th Quarter	0.09	0.02	0.07	0.07	2.1	101	98.9
2018 Development Rock 1st Quarter	0.07	0.07	ND	ND	ND	94.9	94.9
2018 Development Rock 2nd Quarter	0.13	0.11	0.01	ND	0.4	97.9	97.5
2018 Development Rock 3rd Quarter	0.16	0.09	0.07	ND	2.2	106	103.8
2018 Development Rock 4th Quarter	0.05	ND	0.04	ND	1.4	47.1	45.7
2019 Development Rock 1st Quarter	0.22	0.09	0.12	ND	3.9	115	111
2019 Development Rock 2nd Quarter	0.16	0.09	0.06	ND	1.9	125	123
2019 Development Rock 3rd Quarter	0.07	0.07	ND	ND	ND	115	115
2019 Development Rock 4th Quarter	0.20	0.13	0.07	ND	2.3	79.9	77.6
2020 Development Rock 1st Quarter	0.25	0.11	0.14	ND	4.4	88.2	83.8
2020 Development Rock 2nd Quarter	0.06	0.03	0.03	ND	0.9	60	59.1
2020 Development Rock 3rd Quarter	0.07	0.07	ND	ND	ND	23.8	23.8
2020 Development Rock 4th Quarter	0.04	0.04	ND	ND	ND	67.3	67.3
2021 Development Rock 1st Quarter	0.21	0.04	0.16	ND	5.2	43.7	38.6
2021 Development Rock 2nd Quarter	ND	ND	ND	ND	ND	59.9	59.9
2021 Development Rock 3rd Quarter	0.04	ND	0.04	ND	1.4	49.9	48.5
2021 Development Rock 4th Quarter	0.04	ND	0.05	ND	1.6	59.2	57.6
2022 Development Rock 1st Quarter	ND	ND	0.06	ND	1.8	57.9	56.1
2022 Development Rock 2nd Quarter	0.09	0.09	ND	ND	ND	120	120
2022 Development Rock 3rd Quarter	0.04	0.04	ND	ND	ND	90.5	90.5
2022 Development Rock 4th Quarter	ND	ND	ND	ND	ND	143	143



2013-2022 Tails MWMP Results	Table 3																
	TDS (mg/L)	pH	NH <sub>3</sub> (mg/L)	Al (ug/L)	As (ug/L)	Cd (ug/L)	Cr (ug/L)	Cu (ug/L)	Fe (ug/L)	Pb (ug/L)	Hg (ug/L)	Ni (ug/L)	Se (ug/L)	Ag (ug/L)	Zn (ug/L)	Nitrate as N (mg/L)	Sulfate as SO <sub>4</sub> (mg/L)
2013 Tails 1st Quarter	2380	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	ND	ND	ND	ND	1580
2013 Tails 2nd Quarter	1720	7.84	0.52	489	ND	ND	ND	1.07	ND	ND	ND	16.2	31.8	ND	ND	ND	1240
2013 Tails 3rd Quarter	1700	7.53	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.11	1120
2013 Tails 4th Quarter	2440	7.52	0.14	ND	ND	ND	ND	ND	ND	ND	ND	16.3	ND	ND	ND	4.50	1690
2014 Tails 1st Quarter	2360	7.44	9.53	ND	ND	ND	ND	ND	ND	ND	ND	21.2	ND	ND	ND	5.47	1710
2014 Tails 2nd Quarter	316	7.92	1.16	ND	ND	ND	ND	ND	ND	ND	ND	2.46	ND	ND	ND	ND	190
2014 Tails 3rd Quarter	891	7.87	0.47	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	11.00	543
2014 Tails 4th Quarter	1240	7.72	1.72	ND	ND	ND	ND	ND	ND	ND	ND	0.81	ND	ND	ND	4.98	829
2015 Tails 1st Quarter	1160	7.78	2.67	ND	ND	ND	ND	ND	ND	ND	ND	7.00	ND	ND	ND	7.58	698
2015 Tails 2nd Quarter	1560	7.99	1.26	ND	ND	ND	ND	ND	ND	ND	ND	13.20	ND	ND	ND	3.36	1030
2015 Tails 3rd Quarter	947	7.78	2.43	ND	ND	ND	ND	ND	ND	ND	ND	6.60	ND	ND	ND	3.85	577
2015 Tails 4th Quarter	567	7.74	2.76	ND	ND	ND	2.3	ND	ND	ND	ND	3.40	ND	ND	ND	3.79	337
2016 Tails 1st Quarter	739	7.64	1.51	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	6.15	451
2016 Tails 2nd Quarter	1160	7.73	2.23	ND	ND	ND	1.79	ND	ND	ND	ND	ND	ND	ND	ND	8.09	680
2016 Tails 3rd Quarter	1020	7.94	2.51	ND	ND	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	3.57	685
2016 Tails 4th Quarter	1110	7.60	3.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.75	684
2017 Tails 1st Quarter	1600	7.69	5.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27	1090
2017 Tails 2nd Quarter	844	8.04	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	4.74	522
2017 Tails 3rd Quarter	1630	7.59	ND	ND	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.31	1060
2017 Tails 4th Quarter	1200	7.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.62	792
2018 Tails 1st Quarter	2170	7.6	4.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.24	1460
2018 Tails 2nd Quarter	995	7.8	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.2	610
2018 Tails 3rd Quarter	1030	7.5	ND	ND	ND	ND	ND	1.18	ND	ND	ND	ND	ND	ND	ND	10.3	674
2018 Tails 4th Quarter	853	7.6	0.728	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.97	533
2019 Tails 1st Quarter	1210	8.0	ND	ND	9.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.0	746
2019 Tails 2nd Quarter	983	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.9	634
2019 Tails 3rd Quarter	742	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.6	454
2019 Tails 4th Quarter	773	7.7	1.55	ND	ND	ND	ND	0.00191	ND	ND	ND	ND	ND	ND	0.0041	3.8	449
2020 Tails 1st Quarter	587	8.0	0.67	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.0	305
2020 Tails 2nd Quarter	617	8.1	0.079	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.60	324
2020 Tails 3rd Quarter	704	7.8	0.535	ND	ND	ND	ND	ND	116	ND	ND	ND	ND	ND	ND	9.98	407
2020 Tails 4th Quarter	465	8.0	4.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.70	242
2021 Tails 1st Quarter	460	8.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.30	235
2021 Tails 2nd Quarter	405	8.2	0.087	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.52	196
2021 Tails 3rd Quarter	651	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.10	357
2021 Tails 4th Quarter	353	8.0	3.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71	185
2022 Tails 1st Quarter	392	8.1	ND	ND	ND	ND	ND	0.00113	ND	ND	0.000225	ND	ND	ND	ND	8.97	174
2022 Tails 2nd Quarter	493	7.6	0.076	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.7	290
2022 Tails 3rd Quarter	704	7.8	0.535	ND	ND	ND	ND	ND	116	ND	ND	ND	ND	ND	ND	9.98	407
2022 Tails 4th Quarter	327	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.2	113

**Table 3**

2013-2022 Tails ABA Results	Sulfur,	Sulfur Forms (Acid Extractable and Non-extractable Sulfur) 3.2.6			Acid	Neutralization	Acid - Base
	Total				Potential	Potential	Accounting
	3.2.4	Sulfate	Pyritic	Non-extractable	1.3.1	3.2.3	1.3.1
	wt%	wt%	wt%	wt%	t CaCO3/1000t	t CaCO3/1000t	t CaCO3/1000t
2013 Tails 1st Quarter	0.16	0.14	0.02	0.02	0.5	110	110
2013 Tails 2nd Quarter	0.54	0.24	0.3	ND	9.3	88.9	79.7
2013 Tails 3rd Quarter	0.09	0.08	0.01	ND	0.3	115	115
2013 Tails 4th Quarter	0.22	0.18	0.03	ND	1.1	121	120
2014 Tails 1st Quarter	0.14	0.14	ND	ND	ND	120	120
2014 Tails 2nd Quarter	0.05	0.05	ND	ND	ND	93.5	93.5
2014 Tails 3rd Quarter	0.05	0.05	ND	ND	ND	116	116
2014 Tails 4th Quarter	0.18	0.11	0.07	ND	2.2	95.6	93.3
2015 Tails 1st Quarter	0.11	0.05	0.05	ND	1.7	103	101.3
2015 Tails 2nd Quarter	0.07	0.06	0.01	ND	0.4	123	122.6
2015 Tails 3rd Quarter	0.13	0.09	0.04	ND	1.3	111	109.7
2015 Tails 4th Quarter	0.26	0.09	0.17	ND	5.3	104	98.7
2016 Tails 1st Quarter	0.09	0.05	0.04	ND	1.3	127	125.7
2016 Tails 2nd Quarter	0.06	0.06	ND	ND	ND	118	118
2016 Tails 3rd Quarter	0.04	0.04	ND	ND	ND	98.1	98.1
2016 Tails 4th Quarter	0.11	0.09	0.02	ND	0.6	160	159.4
2017 Tails 1st Quarter	0.14	0.06	0.08	ND	2.4	120	117.6
2017 Tails 2nd Quarter	0.09	0.06	0.03	ND	1	128	127
2017 Tails 3rd Quarter	0.09	0.07	0.01	ND	0.3	120	119.7
2017 Tails 4th Quarter	0.17	0.1	0.07	ND	2.2	112	110
2018 Tails 1st Quarter	0.15	0.15	ND	ND	ND	155	155
2018 Tails 2nd Quarter	0.05	0.05	ND	ND	ND	118	118
2018 Tails 3rd Quarter	0.06	0.06	ND	ND	ND	125	125
2018 Tails 4th Quarter	0.05	0.05	ND	ND	ND	94	94
2019 Tails 1st Quarter	0.08	0.08	ND	ND	ND	147	147
2019 Tails 2nd Quarter	0.05	0.05	ND	ND	ND	93.7	93.7
2019 Tails 3rd Quarter	0.03	0.03	ND	ND	ND	97.2	97.2
2019 Tails 4th Quarter	0.05	0.05	ND	ND	ND	111	111
2020 Tails 1st Quarter	0.03	0.03	ND	ND	ND	98	98
2020 Tails 2nd Quarter	0.03	0.03	ND	ND	ND	96.8	96.8
2020 Tails 3rd Quarter	0.04	0.04	ND	ND	ND	71.4	71.4
2020 Tails 4th Quarter	0.03	0.03	ND	ND	ND	124	124
2021 Tails 1st Quarter	ND	235	ND	ND	ND	57.1	57.1
2021 Tails 2nd Quarter	ND	ND	ND	ND	ND	85.4	85.4
2021 Tails 3rd Quarter	0.05	ND	0.04	ND	1.3	112	111
2021 Tails 4th Quarter	0.04	ND	0.05	ND	1.4	90.1	88.7
2022 Tails 1st Quarter	ND	ND	0.04	ND	1.3	89.5	88.2
2022 Tails 2nd Quarter	ND	ND	ND	ND	ND	166	166
2022 Tails 3rd Quarter	0.0377	0.04	ND	ND	ND	71.4	71.4
2022 Tails 4th Quarter	ND	ND	ND	ND	ND	117	117

**Table 4**  
**Dam Seepage Sump**  
**Monthly Mean Flow**

**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
9/20/13 thru 9/30/13	70
10/1/13 thru 10/31/13	62
11/1/13 thru 11/30/13	34
12/1/13 thru 12/31/13	13
1/1/14 thru 1/31/14	124
2/1/14 thru 2/28/14	60
3/1/14 thru 3/31/14	47
4/1/14 thru 4/30/14	89
5/1/14 thru 5/31/14	65
6/1/14 thru 6/30/14	54
7/1/14 thru 7/31/14	65
8/1/14 thru 8/30/14	60
9/1/14 thru 9/30/14	66
10/1/14 thru 10/31/14	70
11/1/14 thru 11/30/14	43
12/1/14 thru 12/31/14	43
1/1/15 thru 1/31/15	86
2/1/15 thru 2/28/15	45
3/1/15 thru 3/31/15	37
4/1/15 thru 4/30/15	44
5/1/15 thru 5/31/15	24
6/1/15 thru 6/30/15	26
7/1/15 thru 7/31/15	27
8/1/15 thru 8/31/15	14
9/1/15 thru 9/30/15	66
10/1/15 thru 10/31/15	60
11/1/15 thru 11/30/15	64
12/1/15 thru 12/31/15	43
1/1/16 thru 1/31/16	75
2/1/16 thru 2/29/16	53
3/1/16 thru 3/31/16	28
4/1/16 thru 4/30/16	25
5/1/16 thru 5/31/16	19
6/1/16 thru 6/30/16	18
7/1/16 thru 7/31/16	21
8/1/16 thru 8/31/16	28
9/1/16 thru 9/30/16	77
10/1/16 thru 10/31/16	30
11/1/16 thru 11/30/16	31
12/1/16 thru 12/31/16	21
1/1/17 thru 1/31/17	62
2/1/17 thru 2/28/17	46

Power out from 9/24/16 thru 10/4/16

Power out from 11/6/16 thru 11/20/16

**Table 4  
Dam Seepage Sump  
Monthly Mean Flow**

**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)	
3/1/17 thru 3/31/17	24	
4/1/17 thru 4/30/17	60	
5/1/17 thru 5/31/17	29	
6/1/17 thru 6/30/17	20	
7/1/17 thru 7/31/17	23	
8/1/17 thru 8/31/17	36	
9/1/17 thru 9/30/17	95	Power out on 9/29/17
10/1/17 thru 10/31/17	58	
11/1/17 thru 11/30/17	21	
12/1/17 thru 12/31/17	93	
1/1/18 thru 1/31/18	55	
2/1/18 thru 2/28/18	16	
3/1/18 thru 3/31/18	34	
4/1/18 thru 4/30/18	46	Power out from 4/16/18 thru 4/18/18
5/1/18 thru 5/31/18	51	
6/1/18 thru 6/30/18	52	
7/1/18 thru 7/31/18	20	
8/1/18 thru 8/31/18	38	Power out: 8/8; 8/17; 8/31
9/1/18 thru 9/30/18	21	Power Out: 9/1 thru 9/4
10/1/18 thru 10/31/18	78	
11/1/18 thru 11/30/18	42	Power out: 11/4 thru 11/7; 11/9 thru 11-14; 11/16 thru 11/19
12/1/18 thru 12/31/18	46	Power out: 12/1 thru 12/5
1/1/19 thru 1/31/19	30	
2/1/19 thru 2/28/19	37	
3/1/19 thru 3/30/19	96	
4/1/19 thru 4/30/19	27	
5/1/19 thru 5/31/19	19	
6/1/19 thru 6/30/19	13	Power out: 6/11 thru 6/30
7/1/19 thru 7/31/19	39	Power out: 7/1 thru 7/6, 7/8, 7/18 thru 7/25
8/1/19 thru 8/31/19	13	
9/1/19 thru 9/30/19	24	
10/1/19 thru 10/31/19	36	
11/1/19 thru 11/30/19	50	
12/1/19 thru 12/31/19	40	
1/1/20 thru 1/31/20	35	
2/1/20 thru 2/29/20	32	
3/1/20 thru 3/31/20	39	
4/1/20 thru 4/30/20	67	
5/1/20 thru 5/31/20	30	
6/1/20 thru 6/30/20	27	
7/1/20 thru 7/31/20	26	
8/1/20 thru 8/31/20	38	

**Table 4**  
**Dam Seepage Sump**  
**Monthly Mean Flow**

**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
9/1/20 thru 9/30/20	28
10/1/20 thru 10/31/20	34
11/1/20 thru 11/30/20	25
12/1/20 thru 12/31/20	74
1/1/21 thru 1/31/21	45
2/1/21 thru 2/28/21	7
3/1/21 thru 3/31/21	31
4/1/2021 to 4/30/2021	56
5/1/2021 to 5/31/2021	35
6/1/2021 to 6/30/2021	48
7/1/2021 to 7/31/2021	21
8/1/2021 to 8/31/2021	28
9/1/2021 to 9/30/2021	45
10/1/2021 to 10/31/2021	43
11/1/2021 to 11/30/2021	23
12/1/2021 to 12/31/2021	16
1/1/2022 to 1/31/2022	48
2/1/2022 to 2/28/2022	44
3/1/2022 to 3/31/2022	40
4/1/2022 to 4/30/2022	44
5/1/2022 to 5/31/2022	36
6/1/2022 to 6/30/2022	23
7/1/2022 to 7/31/2022	24
8/1/2022 to 8/31/2022	36
9/1/2022 to 9/30/2022	54
10/1/2022 to 10/31/2022	70
11/1/2022 to 11/30/2022	53
12/1/2022 to 12/31/2022	36

Feb 4&5 - no safe access

5/1 - Pump was tripped

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
9/20/13 thru 9/21/13	8013
9/22/13 thru 9/29/13	2392
9/30/2013	1349
10/1/13 thru 10/6/13	2561
10/7/13 thru 10/13/13	2256
10/14/13 thru 10/20/13	2940
10/21/13 thru 10/27/13	4259
10/28/13 thru 11/3/13	2036
11/4/13 thru 11/10/13	1461
11/11/13 thru 11/17/13	818
11/18/13 thru 11/24/13	970
11/25/13 thru 12/1/13	1840
12/2/13 thru 12/8/13	465
12/9/13 thru 12/15/13	408
12/16/13 thru 12/22/13	1889
12/23/13 thru 12/29/13	1166
12/30/13 thru 1/5/14	1710
1/6/14 thru 1/12/14	1215
1/13/14 thru 1/19/14	4002
1/20/14 thru 1/26/14	4390
1/27/14 thru 2/02/14	2442
2/3/14 thru 2/9/14	921
2/10/14 thru 2/16/14	488
2/17/14 thru 2/23/14	311
2/24/14 thru 3/2/14	128
3/3/14 thru 3/9/14	964
3/10/14 thru 3/16/14	1004
3/17/14 thru 3/23/14	206
3/24/14 thru 3/30/14	29
3/31/14 thru 4/6/14	56
4/7/14 thru 4/13/14	1410
4/14/14 thru 4/20/14	1817
4/21/14 thru 4/27/14	3357
4/28/14 thru 5/4/14	4290
5/5/14 thru 5/11/14	2890
5/12/14 thru 5/18/14	2515
5/19/14 thru 5/25/14	2469
5/26/14 thru 6/1/14	868
6/2/14 thru 6/8/14	1035
6/9/14 thru 6/15/14	1843
6/16/14 thru 6/22/14	1526

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
6/23/14 thru 6/29/14	2221
6/30/14 thru 7/6/14	1417
7/7/14 thru 7/13/14	2965
7/14/14 thru 7/20/14	3176
7/21/14 thru 7/27/14	1099
7/28/14 thru 8/3/14	1568
8/4/14 thru 8/10/14	779
8/11/14 thru 8/17/14	5382
8/18/14 thru 8/24/14	2665
8/25/14 thru 8/31/14	962
9/1/14 thru 9/7/14	2437
9/8/14 thru 9/14/14	2295
9/15/14 thru 9/21/14	2115
9/22/14 thru 9/28/14	3040
9/29/14 thru 10/5/14	4672
10/6/14 thru 10/12/14	5183
10/13/14 thru 10/19/14	2459
10/20/14 thru 10/26/14	2070
10/27/14 thru 11/2/14	1260
11/3/14 thru 11/9/14	1871
11/10/14 thru 11/16/14	947
11/17/14 thru 11/23/14	1068
11/24/14 thru 11/30/14	868
12/1/14 thru 12/7/14	413
12/8/14 thru 12/14/14	2234
12/15/14 thru 12/21/14	1699
12/22/14 thru 12/28/14	672
12/29/14 thru 1/4/15	590
1/5/15 thru 1/11/15	326
1/12/15 thru 1/18/15	4651
1/19/15 thru 1/25/15	6295
1/26/15 thru 2/1/15	3062
2/2/15 thru 2/8/15	921
2/9/15 thru 2/15/15	1123
2/16/15 thru 2/22/15	1579
2/23/15 thru 3/1/15	2333
3/2/15 thru 3/8/15	986
3/9/15 thru 3/15/15	1324
3/16/15 thru 3/22/15	867
3/23/15 thru 3/29/15	947
3/30/15 thru 4/5/15	1419

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
4/6/15 thru 4/12/15	1667
4/13/15 thru 4/19/15	2010
4/20/15 thru 4/26/15	2076
4/27/15 thru 5/3/15	1299
5/4/15 thru 5/10/15	608
5/11/15 thru 5/17/15	592
5/18/15 thru 5/24/15	455
5/25/15 thru 5/31/15	325
6/1/15 thru 6/7/15	1224
6/8/15 thru 6/14/15	1146
6/15/15 thru 6/21/15	239
6/22/15 thru 6/28/15	145
6/29/15 thru 7/5/15	493
7/6/15 thru 7/12/15	181
7/13/15 thru 7/19/15	937
7/20/15 thru 7/26/15	633
7/27/15 thru 8/2/15	2149
8/3/15 thru 8/9/15	495
8/10/15 thru 8/16/15	1184
8/17/15 thru 8/23/15	1079
8/24/15 thru 8/30/15	2900
8/31/15 thru 9/6/15	1440
9/7/15 thru 9/13/15	3115
9/14/15 thru 9/20/15	2700
9/21/15 thru 9/27/15	1363
9/28/15 thru 10/4/15	3318
10/5/15 thru 10/11/15	2419
10/12/15 thru 10/18/15	3226
10/19/15 thru 10/25/15	3482
10/26/15 thru 11/1/15	1205
11/2/15 thru 11/8/15	2190
11/9/15 thru 11/15/15	2324
11/16/15 thru 11/22/15	1444
11/23/15 thru 11/29/15	1737
11/30/15 thru 12/6/15	2831
12/7/15 thru 12/13/15	758
12/14/15 thru 12/20/15	464
12/21/15 thru 12/27/15	241
12/28/15 thru 1/3/16	698
1/4/16 thru 1/10/16	404
1/11/16 thru 1/17/16	2684



**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
1/18/16 thru 1/24/16	1048
1/25/16 thru 1/31/16	6135
2/1/16 thru 2/7/16	1206
2/8/16 thru 2/14/16	2371
2/15/16 thru 2/21/16	888
2/22/16 thru 2/28/16	2641
2/29/16 thru 3/6/16	1109
3/7/16 thru 3/13/16	769
3/14/16 thru 3/20/16	493
3/21/16 thru 3/27/16	777
3/28/16 thru 4/3/16	2031
4/4/16 thru 4/10/16	1930
4/11/16 thru 4/17/16	1267
4/18/16 thru 4/24/16	1117
4/25/16 thru 5/1/16	1826
5/2/16 thru 5/8/16	1953
5/9/16 thru 5/15/16	4020
5/16/16 thru 5/22/16	1135
5/23/16 thru 5/29/16	1306
5/30/16 thru 6/5/16	512
6/16/16 thru 6/12/16	666
6/13/16 thru 6/19/16	439
6/20/16 thru 6/26/16	75
6/27/16 thru 7/3/16	251
7/4/16 thru 7/10/16	261
7/11/16 thru 7/17/16	0
7/18/16 thru 7/24/16	308
7/25/16 thru 7/31/16	1947
8/1/16 thru 8/7/16	590
8/8/16 thru 8/14/16	1928
8/15/16 thru 8/21/16	1779
8/22/16 thru 8/28/16	1731
8/29/16 thru 9/4/16	621
9/5/16 thru 9/11/16	1011
9/12/16 thru 9/18/16	6171
9/19/16 thru 9/25/16	2640
9/26/16 thru 10/2/16	No Power
10/3/16 thru 10/9/16	413
10/10/16 thru 10/16/16	204
10/17/16 thru 10/23/16	2288
10/24/16 thru 10/30/16	546

No power on 10/3/16

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
10/31/16 thru 11/6/16	643
11/7/16 thru 11/13/16	2335
11/14/16 thru 11/20/16	2089
11/21/16 thru 11/27/16	286
11/28/16 thru 12/4/16	2583
12/5/16 thru 12/11/16	654
12/12/16 thru 12/18/16	223
12/19/16 thru 12/25/16	691
12/26/16 thru 1/01/17	265
1/2/17 thru 1/8/17	128
1/9/17 thru 1/15/17	782
1/16/17 thru 1/22/17	2407
1/23/17 thru 1/29/17	1360
1/30/17 thru 2/5/17	673
2/6/17 thru 2/12/17	126
2/13/17 thru 2/19/17	3263
2/20/17 thru 2/26/17	503
2/27/17 thru 3/5/17	191
3/6/17 thru 3/12/17	2062
3/13/17 thru 3/19/17	0
3/20/17 thru 3/26/17	4385
3/27/17 thru 4/2/17	1225
4/3/17 thru 4/9/17	1575
4/10/17 thru 4/16/17	2906
4/17/17 thru 4/23/17	1780
4/24/17 thru 4/30/17	3021
5/1/17 thru 5/7/17	1705
5/8/17 thru 5/14/17	1287
5/15/17 thru 5/21/17	1099
5/22/17 thru 5/28/17	2997
5/29/17 thru 6/4/17	1023
6/5/17 thru 6/11/17	554
6/12/17 thru 6/18/17	410
6/19/17 thru 6/25/17	22
6/26/17 thru 7/2/17	64
7/3/17 thru 7/9/17	1249
7/10/17 thru 7/16/17	579
7/17/17 thru 7/23/17	394
7/24/17 thru 7/30/17	386
7/31/17 thru 8/6/17	379
8/7/17 thru 8/13/17	255

No power 11/16-11/20

Frozen from 3-1 thru 3-5

Frozen on 3-14

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)	
8/14/17 thru 8/20/17	289	
8/21/17 thru 8/27/17	3462	
8/28/17 thru 9/3/17	2853	
9/4/17 thru 9/10/17	5851	
9/11/17 thru 9/17/17	2049	
9/18/17 thru 9/24/17	1128	
9/25/17 thru 10/1/17	3214	
10/2/17 thru 10/8/17	1964	
10/9/17 thru 10/15/17	1775	
10/16/17 thru 10/22/17	1762	
10/23/17 thru 10/29/17	3210	
10/30/17 thru 11/5/17	1242	meter reset
11/6/17 thru 11/12/17	415	
11/13/17 thru 11/19/17	303	
11/20/17 thru 11/26/17	26	
11/27/17 thru 12/3/17	0	Frozen
12/4/17 thru 12/10/17	3739	
12/11/17 thru 12/17/17	6591	meter reset
12/18/17 thru 12/24/17	1235	
12/25/17 thru 12/31/17	451	Partially Frozen
1/1/18 thru 1/7/18	4359	
1/8/18 thru 1/14/18	924	
1/15/18 thru 1/21/18	1678	
1/22/18 thru 1/28/18	406	
1/29/18 thru 2/4/18	1433	
2/5/18 thru 2/11/18	4576	
2/12/18 thru 2/18/18	0	Frozen
2/19/18 thru 2/25/18	0	Frozen
2/26/18 thru 3/4/18	0	Frozen
3/5/18 thru 3/11/18	0	Frozen
3/12/18 thru 3/18/18	2552	
3/19/18 thru 3/25/18	501	
3/26/18 thru 4/1/18	58	
4/2/18 thru 4/8/18	1967	
4/9/18 thru 4/15/18	2781	
4/16/18 thru 4/22/18	2055	
4/23/18 thru 4/29/18	2835	
4/30/18 thru 5/6/18	1894	
5/7/18 thru 5/13/18	1283	
5/14/18 thru 5/20/18	1042	
5/21/18 thru 5/27/18	2693	

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
5/28/18 thru 6/3/18	1466
6/4/18 thru 6/10/18	594
6/11/18 thru 6/17/18	402
6/18/18 thru 6/24/18	91
6/25/18 thru 7/01/18	0
7/2/18 thru 7/8/18	0
7/9/18 thru 7/15/18	0
7/16/18 thru 7/22/18	0
7/23/18 thru 7/29/18	0
7/30/18 thru 8/5/18	0
8/6/18 thru 8/12/18	430
8/13/18 thru 8/19/18	372
8/20/18 thru 8/26/18	33
8/27/18 thru 9/2/18	1180
9/3/18 thru 9/9/18	443
9/10/18 thru 9/16/18	13
9/17/18 thru 9/23/18	22
9/24/18 thru 9/30/18	35
10/1/18 thru 10/7/18	699
10/8/18 thru 10/14/18	1153
10/15/18 thru 10/21/18	7712
10/22/18 thru 10/28/18	4377
10/29/18 thru 11/4/18	735
11/5/18 thru 11/11/18	1370
11/12/18 thru 11/18/18	3705
11/19/18 thru 11/25/18	2572
11/26/18 thru 12/2/18	2105
12/3/18 thru 12/9/18	461
12/10/18 thru 12/16/18	2385
12/17/18 thru 12/23/18	1141
12/24/18 thru 12/30/18	1162
12/31/18 thru 1/06/19	3154
1/7/19 thru 1/13/19	365
1/14/19 thru 1/20/19	462
1/21/19 thru 1/27/19	1846
1/28/19 thru 2/3/19	2323
2/4/19 thru 2/10/19	464
2/11/19 thru 2/17/19	304
2/18/19 thru 2/24/19	288
2/25/19 thru 3/3/19	274
3/4/19 thru 3/10/19	267

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
3/11/19 thru 3/17/19	1726
3/18/19 thru 3/24/19	5157
3/25/19 thru 3/31/19	2036
4/1/19 thru 4/7/19	1203
4/8/19 thru 4/14/19	1360
4/15/19 thru 4/21/19	844
4/22/19 thru 4/28/19	1677
4/29/19 thru 5/5/19	503
5/6/19 thru 5/12/19	657
5/13/19 thru 5/19/19	1135
5/20/19 thru 5/26/19	640
5/27/19 thru 6/2/19	218
6/3/19 thru 6/9/19	208
6/10/19 thru 6/16/19	755
6/17/19 thru 6/23/19	1298
6/24/19 thru 6/30/19	129
7/1/19 thru 7/7/19	277
7/8/19 thru 7/14/19	319
7/15/19 thru 7/21/19	480
7/22/19 thru 7/28/19	621
7/29/19 thru 8/4/19	442
8/5/19 thru 8/11/19	290
8/12/19 thru 8/18/19	269
8/19/19 thru 8/25/19	475
8/26/19 thru 9/1/19	1035
9/2/19 thru 9/8/19	369
9/9/19 thru 9/15/19	344
9/16/19 thru 9/22/19	2200
9/23/19 thru 9/29/19	1190
9/30/19 thru 10/6/19	2913
10/7/19 thru 10/13/19	2654
10/14/19 thru 10/20/19	1822
10/21/19 thru 10/27/19	2148
10/28/19 thru 11/3/19	1142
11/4/19 thru 11/10/19	2837
11/11/19 thru 11/17/19	4088
11/18/19 thru 11/24/19	5661
11/25/19 thru 12/1/19	1782
12/2/19 thru 12/8/19	1389
12/9/19 thru 12/15/19	2206
12/16/19 thru 12/22/19	1097

No power 5/17-5/18

No power 5/22-5/24

No power 6/10-11&6/14-15

No power 6/17-18

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
12/23/19 thru 12/29/19	1901
12/30/19 thru 1/5/20	4094
1/6/20 thru 1/12/20	924
1/13/20 thru 1/19/20	498
1/20/20 thru 1/26/20	338
1/27/20 thru 2/2/20	405
2/3/20 thru 2/9/20	1359
2/10/20 thru 2/16/20	818
2/17/20 thru 2/23/20	496
2/24/20 thru 3/1/20	801
3/2/20 thru 3/8/20	547
3/9/20 thru 3/15/20	423
3/16/20 thru 3/22/20	297
3/23/20 thru 3/29/20	295
3/30/20 thru 4/5/20	196
4/6/20 thru 4/12/20	130
4/13/20 thru 4/19/20	630
4/20/20 thru 4/26/20	860
4/27/20 thru 5/3/20	791
5/4/20 thru 5/10/20	450
5/11/20 thru 5/17/20	1823
5/18/20 thru 5/24/20	5337
5/25/20 thru 5/31/20	1650
6/1/20 thru 6/7/20	1060
6/8/20 thru 6/14/20	1417
6/15/20 thru 6/21/20	3118
6/22/20 thru 6/28/20	1588
6/29/20 thru 7/5/20	366
7/6/20 thru 7/12/20	443
7/13/20 thru 7/19/20	456
7/20/20 thru 7/26/20	2090
7/27/20 thru 8/2/20	1317
8/3/20 thru 8/9/20	1822
8/10/20 thru 8/16/20	2357
8/17/20 thru 8/23/20	1458
8/24/20 thru 8/30/20	2521
8/31/20 thru 9/6/20	2774
9/7/20 thru 9/13/20	1302
9/14/20 thru 9/20/20	523
9/21/20 thru 9/27/20	1084
9/28/20 thru 10/4/20	4223

5-9-10 flow-meter maintenance

5-18-24 flow-meter not working

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
10/5/20 thru 10/11/20	2997
10/12/20 thru 10/18/20	1189
10/19/20 thru 10/25/20	558
10/26/20 thru 11/1/20	2059
11/2/20 thru 11/8/20	1611
11/9/20 thru 11/15/20	883
11/16/20 thru 11/22/20	424
11/23/20 thru 11/29/20	1073
11/30/20 thru 12/6/20	12,143
12/7/20 thru 12/13/20	6053
12/14/20 thru 12/20/20	1587
12/21/20 thru 12/27/20	1923
12/28/20 thru 1/03/21	954
1/4/21 thru 1/10/21	708
1/11/21 thru 1/17/21	3506
1/18/21 thru 1/24/21	4054
1/25/21 thru 1/31/21	759
2/1/21 thru 2/7/21	640
2/8/21 thru 2/14/21	350
2/15/21 thru 2/21/21	339
2/22/21 thru 2/28/21	308
3/1/21 thru 3/7/21	258
3/8/21 thru 3/14/21	755
3/15/21 thru 3/21/21	374
3/22/21 thru 3/28/21	590
3/29/21 thru 4/4/21	540
4/5/21 to 4/11/21	418
4/12/21 to 4/18/21	1763
4/19/21 to 4/25/21	4684
4/26/21 to 5/2/21	4552
5/3/21 to 5/9/21	4883
5/10/21 to 5/16/21	5567
5/17/21 to 5/23/21	4118
5/24/21 to 5/30/21	3041
5/31/21 to 6/6/21	7229
6/7/21 to 6/13/21	3079
6/14/21 to 6/20/21	3509
6/21/21 to 6/27/21	4413
6/28/21 to 7/4/21	4415
7/5/21 to 7/11/21	1187
7/12/21 to 7/18/21	1385

**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
7/19/21 to 7/25/21	594
7/26/21 to 8/1/21	518
8/2/21 to 8/8/21	533
8/9/21 to 8/15/21	2790
8/16/21 to 8/22/21	1560
8/23/21 to 8/29/21	2030
8/30/21 to 9/5/21	1542
9/6/21 to 9/12/21	2432
9/13/21 to 9/19/21	2556
9/20/21 to 9/26/21	4520
9/27/21 to 10/3/21	2049
10/4/21 to 10/10/21	2927
10/11/21 to 10/17/21	4585
10/18/21 to 10/24/21	2150
10/25/21 to 10/31/21	1759
11/1/21 to 11/7/21	1368
11/8/21 to 11/14/21	807
11/15/21 to 11/21/21	1718
11/22/21 to 11/28/21	1116
11/29/21 to 12/5/21	880
12/6/21 to 12/12/21	215
12/13/21 to 12/19/21	409
12/20/21 to 12/26/21	492
12/27/21 to 1/2/22	432
1/3/2022 to 1/9/2022	360
1/10/2022 to 1/16/2022	1534
1/17/2022 to 1/23/2022	3913
1/24/2022 to 1/30/2022	4494
1/31/2022 to 2/6/2022	2276
2/7/2022 to 2/13/2022	4797
2/14/2022 to 2/20/2022	2721
2/21/2022 to 2/27/2022	1509
2/28/2022 to 3/6/2022	1726
3/7/2022 to 3/13/2022	1429
3/14/2022 to 3/20/2022	2104
3/21/2022 to 3/27/2022	2460
3/28/2022 to 4/3/2022	2265
4/4/2022 to 4/10/2022	1878
4/11/2022 to 4/17/2022	1181
4/18/2022 to 4/24/2022	1660
4/25/2022 to 5/1/2022	5203

flowmeter 2 not reading  
flowmeter 2 not reading  
flowmeter 2 not reading  
flowmeter 2 not reading

Feb 4&5 - no safe access



**Table 5**  
**Upper Slate Lake (USL/TTF bypass pipe)**  
**Weekly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
5/2/2022 to 5/8/2022	5850
5/9/2022 to 5/15/2022	5455
5/16/2022 to 5/22/2022	4442
5/23/2022 to 5/29/2022	3904
5/30/2022 to 6/5/2022	3277
6/6/2022 to 6/12/2022	2745
6/13/2022 to 6/19/2022	4719
6/20/2022 to 6/26/2022	3691
6/27/2022 to 7/3/2022	1567
7/4/2022 to 7/10/2022	1047
7/11/2022 to 7/17/2022	1468
7/18/2022 to 7/24/2022	1408
7/25/2022 to 7/31/2022	4872
8/1/2022 to 8/7/2022	3156
8/8/2022 to 8/14/2022	1364
8/15/2022 to 8/21/2022	4043
8/22/2022 to 8/28/2022	1462
8/29/2022 to 9/4/2022	3826
9/5/2022 to 9/11/2022	1977
9/12/2022 to 9/18/2022	2877
9/19/2022 to 9/25/2022	3981
9/26/2022 to 10/2/2022	13338
10/3/2022 to 10/9/2022	2952
10/10/2022 to 10/16/2022	6712
10/17/2022 to 10/23/2022	5134
10/24/2022 to 10/30/2022	4002
10/31/2022 to 11/6/2022	3492
11/7/2022 to 11/13/2022	1423
11/14/2022 to 11/20/2022	4270
11/21/2022 to 11/27/2022	5625
11/28/2022 to 12/4/2022	1516
12/5/2022 to 12/11/2022	1958
12/12/2022 to 12/18/2022	1617
12/19/2022 to 12/25/2022	738
12/26/2022 to 1/1/2023	751

June 24&25 - no power

**Table 6**  
**Monthly Precipitation**  
**Rainfall & Cumulative Snow**  
**Waste Management Permit - Section 1.7.3**

Month	Rainfall (Total Precipitation) (inches)	Snowfall (Cumulative) (inches)	Snowfall (monthly) (inches)
9/20/13 thru 9/30/13	4.46	0	0
10/1/13 thru 10/31/13	14.31	0	0
11/1/13 thru 11/30/13	7.31	8.8	8.80
12/1/13 thru 12/31/13	11.59	85.4	76.60
1/1/14 thru 1/31/14	12.08	119.3	33.86
2/1/14 thru 2/28/14	1.65	142.9	23.62
3/1/14 thru 3/31/14	4.37	178.7	35.83
4/1/14 thru 4/30/14	4.54	181.9	3.15
5/1/14 thru 5/31/14	3.40	181.9	0.00
6/1/14 thru 6/30/14	9.60	181.9	0.00
7/1/14 thru 7/31/14	12.8	181.9	0.00
8/1/14 thru 8/30/14	11.02	0.0	0.00
9/1/14 thru 9/31/14	14.77	0.0	0.00
10/1/14 thru 10/31/14	12.39	0.0	0.00
11/1/14 thru 11/30/14	6.85	3.9	3.94
12/1/14 thru 12/31/14	6.70	8.7	4.72
1/1/15 thru 1/31/15	15.60	28.3	19.69
2/1/15 thru 2/28/15	5.16	40.55	12.20
3/1/15 thru 3/31/15	6.10	46.85	6.30
4/1/15 thru 4/30/15	10.47	46.85	0.00
5/1/15 thru 5/31/15	0.89	46.85	0.00
6/1/15 thru 6/30/15	6.36	46.85	0.00
7/1/15 thru 7/31/15	11.65	46.85	0.00
8/1/15 thru 8/31/15	11.78	46.85	0.00
9/1/15 thru 9/30/15	13.60	46.85	0.00
10/1/15 thru 10/31/15	12.74	0.00	0.00
11/1/15 thru 11/30/15	14.33	22.44	22.44
12/1/15 thru 12/31/15	5.10	64.17	41.73
1/1/16 thru 1/31/16	11.93	70.87	6.69
2/1/16 thru 2/29/16	7.01	81.50	10.63
3/1/16 thru 3/31/16	4.13	85.04	3.54
4/1/16 thru 4/30/16	7.47	85.04	0.00
5/1/16 thru 5/31/16	8.50	85.04	0.00
6/1/16 thru 6/30/16	5.22	85.04	0.00
7/1/16 thru 7/31/16	8.10	0.00	0.00
8/1/16 thru 8/31/16	10.24	0.00	0.00
9/1/16 thru 9/30/16	12.98	0.00	0.00
10/1/16 thru 10/31/16	5.03	15.75	15.75
11/1/16 thru 11/30/16	8.28	29.53	13.78
12/1/16 thru 12/31/16	12.05	132.09	102.56
1/1/17 thru 1/31/17	9.37	163.58	31.50
2/1/17 thru 2/28/17	9.00	210.43	46.85

**Table 6**  
**Monthly Precipitation**  
**Rainfall & Cumulative Snow**  
**Waste Management Permit - Section 1.7.3**

Month	Rainfall (Total Precipitation) (inches)	Snowfall (Cumulative) (inches)	Snowfall (monthly) (inches)
3/1/17 thru 3/31/17	3.38	243.11	32.68
4/1/17 thru 4/30/17	4.42	243.11	0.00
5/1/17 thru 5/31/17	5.98	243.11	0.00
6/1/17 thru 6/30/17	4.12	243.11	0.00
7/1/17 thru 7/31/17	6.75	0.00	0.00
8/1/17 thru 8/31/17	9.91	0.00	0.00
9/1/17 thru 9/30/17	17.04	0.00	0.00
10/1/17 thru 10/31/17	10.45	0.00	0.00
11/1/17 thru 11/30/17	1.98	26.38	26.38
12/1/17 thru 12/31/17	13.26	44.49	18.11
1/1/18 thru 1/31/18	7.31	46.85	2.36
2/1/18 thru 2/28/18	1.30	54.72	7.87
3/1/18 thru 3/31/18	6.23	78.35	23.62
4/1/18 thru 4/30/18	5.24	78.35	0.00
5/1/18 thru 5/31/18	9.48	78.35	0.00
6/1/18 thru 6/30/18	3.71	78.35	0.00
7/1/18 thru 7/31/18	3.15	0	0.00
8/1/18 thru 8/31/18	10.24	0	0.00
9/1/18 thru 9/30/18	2.85	0	0.00
10/1/18 thru 10/31/18	13.93	0	0.00
11/1/18 thru 11/30/18	8.27	0	0.00
12/1/18 thru 12/31/18	6.80	21.65	21.65
1/1/19 thru 1/31/19	7.69	49.41	27.76
2/1/19 thru 2/28/19	2.29	82.87	33.46
3/1/19 thru 3/31/19	5.54	101.77	18.90
4/1/19 thru 4/30/19	4.78	101.77	0.00
5/1/19 thru 5/31/19	3.78	101.77	0.00
6/1/19 thru 6/30/19	4.52	101.77	0.00
7/1/19 thru 7/31/19	2.78	0.00	0.00
8/1/19 thru 8/31/19	4.10	0.00	0.00
9/1/19 thru 9/30/19	7.39	0.00	0.00
10/1/19 thru 10/31/19	13.14	0.00	0.00
11/1/19 thru 11/30/19	13.96	15.75	15.75
12/1/19 thru 12/31/19	12.18	65.55	49.80
1/1/20 thru 1/31/20	3.87	139.17	73.62
2/1/20 thru 2/29/20	9.39	204.13	64.96
3/1/20 thru 3/31/20	4.10	246.26	42.13
4/1/20 thru 4/30/20	6.67	260.04	13.78
5/1/20 thru 5/31/20	0.97	260.04	0.00
6/1/20 thru 6/30/20	5.96	260.04	0.00
7/1/20 thru 7/31/20	7.31	0.00	0.00
8/1/20 thru 8/31/20	12.07	0.00	0.00

**Table 6**  
**Monthly Precipitation**  
**Rainfall & Cumulative Snow**  
**Waste Management Permit - Section 1.7.3**

Month	Rainfall (Total Precipitation) (inches)	Snowfall (Cumulative) (inches)	Snowfall (monthly) (inches)
9/1/20 thru 9/30/20	7.79	0.00	0.00
10/1/20 thru 10/31/20	10.19	4.33	4.33
11/1/20 thru 11/30/20	8.59	62.20	57.87
12/1/20 thru 12/31/20	15.51	87.80	25.59
1/1/21 thru 1/31/21	9.39	111.42	23.62
2/1/21 thru 2/28/21	3.42	171.26	59.84
3/1/21 thru 3/31/21	8.65	323.23	151.97
4/1/2021 to 4/30/2021	6.09	374.41	51.18
5/1/2021 to 5/31/2021	6.37	374.41	0.00
6/1/2021 to 6/30/2021	13.35	374.41	0.00
7/1/2021 to 7/31/2021	2.52	0.00	0.00
8/1/2021 to 8/31/2021	11.32	0.00	0.00
9/1/2021 to 9/30/2021	13.68	0.00	0.00
10/1/2021 to 10/31/2021	11.60	0.00	0.00
11/1/2021 to 11/30/2021	8.05	62.60	62.60
12/1/2021 to 12/31/2021	3.43	129.13	66.54
1/1/2022 to 1/31/2022	15.39	194.09	64.96
2/1/2022 to 2/28/2022	12.84	269.29	75.20
3/1/2022 to 3/31/2022	7.08	299.21	29.92
4/1/2022 to 4/30/2022	3.56	314.17	14.96
5/1/2022 to 5/31/2022	4.43	314.17	0.00
6/1/2022 to 6/30/2022	7.17	314.17	0.00
7/1/2022 to 7/31/2022	9.93	0.00	0.00
8/1/2022 to 8/31/2022	10.18	0.00	0.00
9/1/2022 to 9/30/2022	16.31	0.00	0.00
10/1/2022 to 10/31/2022	19.54	11.81	11.81
11/1/2022 to 11/30/2022	11.26	52.76	40.94
12/1/2022 to 12/31/2022	4.78	76.77	35.83

**Table 7**  
**Seep WTP Effluent**  
**Monthly Mean Flow**

**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
9/20/13 thru 9/30/13	12.74
10/1/13 thru 10/31/13	11.12
11/1/13 thru 11/30/13	3.36
12/1/13 thru 12/31/13	0
1/1/14 thru 1/31/14	0
2/1/14 thru 2/28/14	0
3/1/14 thru 3/31/14	0
4/1/14 thru 4/30/14	10.95
5/1/14 thru 5/31/14	5.89
6/1/14 thru 6/30/14	2.63
7/1/14 thru 7/30/14	3.05
8/1/14 thru 8/31/14	2.95
9/1/14 thru 9/30/14	4.39
10/1/14 thru 10/31/14	4.13
11/1/14 thru 11/30/14	1.43
12/1/14 thru 12/31/14	0.62
1/1/15 thru 1/31/15	2.39
2/1/15 thru 2/28/15	1.47
3/1/15 thru 3/31/15	5
4/1/15 thru 4/30/15	9.54
5/1/15 thru 5/31/15	1.85
6/1/15 thru 6/30/15	4.52
7/1/15 thru 7/31/15	4.91
8/1/15 thru 8/31/15	8.66
9/1/15 thru 9/30/15	11.54
10/1/15 thru 10/31/15	10.65
11/1/15 thru 11/30/15	5.68
12/1/15 thru 12/31/15	1.49
1/1/16 thru 1/31/16	0.03
2/1/16 thru 2/29/16	1.06
3/1/16 thru 3/31/16	1.25
4/1/16 thru 4/30/16	3.71
5/1/16 thru 5/31/16	4.15
6/1/16 thru 6/30/16	1.39
7/1/16 thru 7/31/16	4.08
8/1/16 thru 8/31/16	3.37
9/1/16 thru 9/30/16	5.03
10/1/16 thru 10/31/16	3.37
11/1/16 thru 11/30/16	5.09
12/1/16 thru 12/31/16	1.47
1/1/17 thru 1/31/17	0.1
2/1/17 thru 2/28/17	0
3/1/17 thru 3/31/17	0
4/1/17 thru 4/30/17	1.4
5/1/17 thru 5/31/17	2
6/1/17 thru 6/30/17	0.67
7/1/17 thru 7/31/17	2.17
8/1/17 thru 8/31/17	1.19
9/1/17 thru 9/30/17	7.05
10/1/17 thru 10/31/17	2.48
11/1/17 thru 11/30/17	0.1
12/1/17 thru 12/31/17	2.47
1/1/18 thru 1/31/18	0.01
2/1/18 thru 2/28/18	0
3/1/18 thru 3/31/18	0

**Table 7**  
**Seep WTP Effluent**  
**Monthly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
4/1/18 thru 4/30/18	0.13
5/1/18 thru 5/31/18	0
6/1/18 thru 6/30/18	0.06
7/1/18 thru 7/31/18	0.03
8/1/18 thru 8/31/18	0.82
9/1/18 thru 9/30/18	1.04
10/1/18 thru 10/31/18	1.13
11/1/18 thru 11/30/18	2.11
12/1/18 thru 12/31/18	0.04
1/1/19 thru 1/31/19	0
2/1/19 thru 2/28/19	0
3/1/19 thru 3/31/19	0
4/1/19 thru 4/30/19	0.32
5/1/19 thru 5/31/19	0.11
6/1/19 thru 6/30/19	0.1
7/1/19 thru 7/31/19	0.03
8/1/19 thru 8/31/19	0.02
9/1/19 thru 9/30/19	0.29
10/1/19 thru 10/31/19	1.62
11/1/19 thru 11/30/19	1.88
12/1/19 thru 12/31/19	0.39
1/1/20 thru 1/31/20	0.34
2/1/20 thru 2/29/20	0.14
3/1/20 thru 3/31/20	0.08
4/1/20 thru 4/30/20	2.5
5/1/20 thru 5/31/20	0.44
6/1/20 thru 6/30/20	1.28
7/1/20 thru 7/31/20	1.97
8/1/20 thru 8/31/20	1.8
9/1/20 thru 9/30/20	1.58
10/1/20 thru 10/31/20	1.6
11/1/20 thru 11/30/20	1.18
12/1/20 thru 12/31/20	1.91
1/1/21 thru 1/31/21	1.34
2/1/21 thru 2/28/21	1.05
3/1/21 thru 3/31/21	0.73
1/1/2022 to 1/31/2022	0.11
2/1/2022 to 2/28/2022	0.03
3/1/2022 to 3/31/2022	0
4/1/2022 to 4/30/2022	0
5/1/2022 to 5/31/2022	0.13
6/1/2022 to 6/30/2022	0.98
7/1/2022 to 7/31/2022	0.6
8/1/2022 to 8/31/2022	1.22
9/1/2022 to 9/30/2022	2.3
10/1/2022 to 10/31/2022	2.52
11/1/2022 to 11/30/2022	1.4
12/1/2022 to 12/31/2022	0.78

**Table 8**  
**Mine Drainage to WTP**  
**Monthly Mean Flow**

**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
9/20/13 thru 9/30/13	1589
10/1/13 thru 10/31/13	1622
11/1/13 thru 11/30/13	1426
12/1/13 thru 12/31/13	991
1/1/14 thru 1/31/14	796
2/1/14 thru 2/28/14	857
3/1/14 thru 3/31/14	711
4/1/14 thru 4/30/14	597
5/1/14 thru 5/31/14	1294
6/1/14 thru 6/30/14	1443
7/1/14 thru 7/31/14	1521
8/1/14 thru 8/31/14	1281
9/1/14 thru 9/30/14	1330
10/1/14 thru 10/31/14	1401
11/1/14 thru 11/30/14	1138
12/1/14 thru 12/31/14	997
1/1/15 thru 1/31/15	999
2/1/15 thru 2/28/15	1113
3/1/15 thru 3/31/15	922
4/1/15 thru 4/30/15	908
5/1/15 thru 5/31/15	1194
6/1/15 thru 6/30/15	1094
7/1/15 thru 7/31/15	934
8/1/15 thru 8/31/15	1221
9/1/15 thru 9/30/15	1324
10/1/15 thru 10/31/15	1524
11/1/15 thru 11/30/15	1326
12/1/15 thru 12/31/15	1135
1/1/16 thru 1/31/16	890
2/1/16 thru 2/29/16	982
3/1/16 thru 3/31/16	867
4/1/16 thru 4/30/16	1520
5/1/16 thru 5/31/16	1445
6/1/16 thru 6/30/16	1303
7/1/16 thru 7/31/16	1315
8/1/16 thru 8/31/16	1109
9/1/16 thru 9/30/16	1404
10/1/16 thru 10/31/16	1311
11/1/16 thru 11/30/16	1303
12/1/16 thru 12/31/16	1173
1/1/17 thru 1/31/17	867
2/1/17 thru 2/28/17	846
3/1/17 thru 3/31/17	762
4/1/17 thru 4/30/17	922
5/1/17 thru 5/31/17	1642
6/1/17 thru 6/30/17	1771
7/1/17 thru 7/31/17	1559
8/1/17 thru 8/31/17	1361
9/1/17 thru 9/30/17	1732
10/1/17 thru 10/31/17	1777
11/1/17 thru 11/30/17	1372
12/1/17 thru 12/31/17	1382
1/1/18 thru 1/31/18	1312
2/1/18 thru 2/28/18	1176
3/1/18 thru 3/31/18	1081

**Table 8**  
**Mine Drainage to WTP**  
**Monthly Mean Flow**  
**Waste Management Permit - Section 1.7.3**

Month	Mean Flow (gpm)
4/1/18 thru 4/30/18	1020
5/1/18 thru 5/31/18	1637
6/1/18 thru 6/30/18	1755
7/1/18 thru 7/31/18	1416
8/1/18 thru 8/31/18	1414
9/1/18 thru 9/30/18	1410
10/1/18 thru 10/31/18	1527
11/1/18 thru 11/30/18	1712
12/1/18 thru 12/31/18	1565
1/1/19 thru 1/31/19	1328
2/1/19 thru 2/28/19	1265
3/1/19 thru 3/31/19	1150
4/1/19 thru 4/30/19	1418
5/1/19 thru 5/31/19	1590
6/1/19 thru 6/30/19	1445
7/1/19 thru 7/31/19	1302
8/1/19 thru 8/31/19	1120
9/1/19 thru 9/30/19	1132
10/1/19 thru 10/31/19	1594
11/1/19 thru 11/30/19	1909
12/1/19 thru 12/31/19	1755
1/1/20 thru 1/31/20	1521
2/1/20 thru 2/29/20	1273
3/1/20 thru 3/31/20	1134
4/1/20 thru 4/30/20	1100
5/1/20 thru 5/31/20	2132
6/1/20 thru 6/30/20	2349
7/1/20 thru 7/31/20	2468
8/1/20 thru 8/31/20	2455
9/1/20 thru 9/30/20	2260
10/1/20 thru 10/31/20	2143
11/1/20 thru 11/30/20	1866
12/1/20 thru 12/31/20	2081
1/1/21 thru 1/31/21	1772
2/1/21 thru 2/28/21	1341
3/1/21 thru 3/31/21	1153
1/1/2022 to 1/31/2022	1263
2/1/2022 to 2/28/2022	1498
3/1/2022 to 3/31/2022	1384
4/1/2022 to 4/30/2022	1404
5/1/2022 to 5/31/2022	1988
6/1/2022 to 6/30/2022	2871
7/1/2022 to 7/31/2022	2671
8/1/2022 to 8/31/2022	2743
9/1/2022 to 9/30/2022	2448
10/1/2022 to 10/31/2022	2804
11/1/2022 to 11/30/2022	2436
12/1/2022 to 12/31/2022	1800