Table 1 - Seep Well Field (SWF) Operational Metrics

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																			
Date	LS #1	PC-116R (East Well)		PC-99R2/R3 (Center Well)		PC-115R (West Well)		PC-117		PC-118		PC-119		PC-120		PC-121		PC-133	
	Flow (gpm)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow[6] (gpm)	Water Elevation (ft amsl)	Flow[7] (gpm)	Water Elevation (ft amsl)	Flow[7] (gpm)	Water Elevation (ft amsl)	Flow[7] (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation[2] (ft amsl)
10/01/17	639	167	1535.60	85	1541.42	129	1540.46	115	1535.68	64	1544.50	117	1545.53	90	1545.92	34	1547.39	8.4	< 1520.00
10/02/17[3]	558	167	1535.57	82	1541.10	128	1540.52	116	1535.71	64	1544.53	116	1545.56	90	1545.95	34	1547.42	7.6	1520.11
10/03/17	637	166	1535.62	83	1540.71	128	1540.57	115	1535.73	64	1544.59	117	1545.62	90	1546.00	34	1547.48	9.7	< 1520.00
10/04/17	637	167	1535.70	87	1540.84	129	1540.64	115	1535.78	63	1544.65	117	1545.67	90	1546.06	34	1547.54	10	1520.20
10/05/17	638	167	1535.72	84	1541.13	128	1540.69	115	1535.82	63	1545.73	117	1545.73	90	1546.11	34	1547.59	9.7	1520.23
10/06/17	637	168	1535.75	84	1541.10	130	1540.72	116	1535.84	64	1545.77	117	1545.77	92	1546.15	34	1547.63	9.1	1520.13
10/07/17	642	167	1535.78	84	1540.89	129	1540.76	115	1535.89	63	1545.81	116	1545.81	90	1546.20	34	1547.68	9.7	1520.20
10/08/17	639	171	1535.92	86	1541.01	131	1540.78	118	1535.89	65	1545.82	119	1545.82	88	1546.21	33	1547.69	9.2	1520.15
10/09/17[3]	561	167	1535.93	80	1540.80	129	1540.79	115	1535.90	63	1544.83	116	1545.85	90	1546.23	34	1547.72	8.9	< 1520.00
10/10/17	638	167	1535.93	84	1541.13	129	1540.81	115	1535.92	63	1544.85	116	1545.87	90	1546.26	34	1547.74	9.0	1520.21
10/11/17	636	169	1535.95	86	1541.03	130	1540.83	117	1535.94	64	1544.87	117	1545.89	91	1546.28	34	1547.76	9.8	1520.05
10/12/17[4]	621	157	1536.01	79	1541.28	120	1540.90	108	1536.00	60	1544.93	110	1545.93	85	1546.32	32	1547.81	9.5	1520.55
10/13/17	645	167	1536.00	85	1541.26	128	1540.89	115	1535.97	63	1544.93	116	1545.93	91	1546.32	34	1547.80	9.7	1520.39
10/14/17	644	167	1535.95	85	1541.13	129	1540.88	115	1535.95	64	1544.92	117	1545.92	90	1546.31	34	1547.80	10	1520.45
10/15/17	643	168	1535.91	85	1541.23	128	1540.88	115	1535.93	63	1544.92	117	1545.92	90	1546.30	34	1547.79	9.7	1520.37
10/16/17[3]	800	168	1535.90	89	1540.96	129	1540.92	115	1535.93	63	1544.93	117	1545.93	90	1546.31	34	1547.80	9.8	1520.16
10/17/17	661	168	1535.94	85	1541.24	129	1540.89	116	1535.92	63	1544.92	117	1545.93	90	1546.31	34	1547.80	10	1520.78
10/18/17	642	169	1535.95	84	1541.37	129	1540.89	116	1535.91	64	1544.92	117	1545.93	91	1546.31	34	1547.80	9.8	1520.38
10/19/17	644	169	1535.92	86	1540.99	130	1540.89	116	1535.91	64	1544.92	118	1545.93	91	1546.31	34	1547.80	9.8	1520.21
10/20/17	643	167	1536.23	85	1540.92	129	1540.87	115	1535.95	63	1544.90	116	1545.90	91	1546.28	34	1547.77	9.7	1520.29
10/21/17	644	167	1536.19	85	1541.47	128	1540.84	115	1535.91	63	1544.88	116	1545.87	90	1546.25	34	1547.74	10	1520.34
10/22/17	645	165	1536.15	83	1541.18	128	1540.83	114	1535.88	62	1544.87	115	1545.87	89	1546.25	34	1547.73	9.6	1520.23
10/23/17	644	169	1536.12	85	1541.54	129	1540.81	116	1535.85	63	1544.86	117	1545.85	91	1546.23	34	1547.72	9.7	1520.48
10/24/17	645	167	1536.12	84	1540.99	129	1540.80	116	1535.83	63	1544.85	116	1545.84	91	1546.22	34	1547.71	9.7	1520.41
10/25/17	645	168	1536.08	85	1540.96	129	1540.79	115	1535.82	63	1544.86	117	1545.84	90	1546.22	34	1547.70	9.7	1520.27
10/26/17	654	170	1536.22	85	1541.41	131	1540.98	117	1535.94	64	1545.10	114	1546.32	82	1547.53	31	1548.48	9.9	1520.20
10/27/17	644	168	1536.29	85	1541.58	129	1541.07	115	1536.01	63	1545.19	101	1546.42	51	1547.63	20	1548.57	10	1520.41
10/28/17	644	166	1536.31	85	1541.22	128	1541.10	115	1536.03	63	1545.24	101	1546.46	50	1547.67	21	1548.62	9.7	1520.59
10/29/17	644	169	1536.35	85	1541.22	130	1541.13	116	1536.06	63	1545.27	101	1546.49	51	1547.71	20	1548.65	9.8	1520.47
10/30/17[3]	556	168	1536.37	82	1541.43	129	1541.16	115	1536.10	62	1545.31	101	1546.52	51	1547.73	20	1548.67	9.9	1520.38
10/31/17	645	164	1536.35	83	1541.18	127	1541.17	114	1536.09	61	1545.32	99	1546.53	50	1547.75	20	1548.69	9.5	1520.51
Monthly Average	639	167	1535.99	84	1541.15	129	1540.85	115	1535.91	63	1545.03	114	1545.95	83	1546.49	32	1547.87	9.6	1520.30
Analytical[1]		Conc[5] (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate		14	10/4/2017	19	10/4/2017	9.6	10/4/2017	7.0	10/4/2017	4.1	10/4/2017	0.67	10/4/2017	0.12	10/4/2017	0.21	10/4/2017	1.9	10/4/2017
Hexavalent Chromium		0.0016	10/4/2017	ND	10/4/2017	ND	10/4/2017	0.0019	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017
Total Chromium		0.0013 J	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017	ND	10/4/2017

Notes:
Flow reported as gpm is a daily average calculated from the totalizer reading.
ND = Not detected above laboratory method detection limit (Cr(TR)=2.5 ug/L, Cr(VI) =0.20 ug/L).
J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
1: Analytical results are reported from TestAmerica.
2: A "<" preceding the water elevation indicates the reported water level is below the transducer. Average monthly water elevation calculations include the transducer elevation in instances where the water level is below the transducer.
3: On 10/02, 10/09, 10/16, and 10/30, the LS #1 and SWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
4: On 10/12, a power outage at 1:54 a.m. caused all lift stations and the IX system to go offline. Power was restored to all systems by 3:40 a.m.
5: Duplicates taken on 10/04 for well PC-116R; average of both values is presented and used for calculation.
6: On 09/19, PC-118 stopped flowing to the IX system and began flowing to LS #1.
7: On 10/26, PC-119, 120, and PC-121 adjusted as directed by the Trust.

Table Updated: 11/15/2017

Table 2 - Athens Well Field (AWF) Operational Metrics

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																	
Date	LS #3 Flow (gpm)	ART-1/1A Flow (gpm)	ART-1/1A Water Elevation (ft amsl)	ART-2/2A Flow (gpm)	ART-2/2A Water Elevation (ft amsl)	ART-3/3A Flow (gpm)	ART-3/3A Water Elevation (ft amsl)	ART-4/4A Flow [4 5] (gpm)	ART-4/4A Water Elevation (ft amsl)	ART-9 Flow (gpm)	ART-9 Water Elevation (ft amsl)	ART-7A/7B Flow (gpm)	ART-7A/7B Water Elevation (ft amsl)	ART-8/8A Flow (gpm)	ART-8/8A Water Elevation (ft amsl)	PC-150 Flow[6] (gpm)	PC-150 Water Elevation (ft amsl)
10/01/17	405	42	1582.51	152	1581.48	17	1581.28	2.7	1579.11	56	1580.18	16	1583.77	176	1582.23	1.7	1576.67
10/02/17[2]	494	42	1582.50	151	1581.48	18	1581.28	2.3	1579.10	58	1577.04	14	1583.81	176	1582.22	1.7	1576.67
10/03/17	405	42	1582.49	151	1581.47	17	1581.27	3.5	1579.11	58	1577.57	15	1583.81	177	1582.22	1.7	1576.67
10/04/17	404	42	1582.49	151	1581.47	17	1581.67	2.7	1579.12	56	1579.94	16	1583.79	177	1582.22	1.7	1576.67
10/05/17	405	42	1582.49	151	1581.47	17	1581.69	1.4	1579.12	57	1579.34	16	1583.81	177	1582.22	1.5	1576.67
10/06/17	405	42	1582.49	151	1581.47	17	1581.69	2.8	1579.12	56	1577.62	16	1583.79	176	1582.22	1.5	1576.67
10/07/17	405	42	1582.50	152	1581.48	17	1581.70	1.4	1579.12	57	1580.24	16	1583.81	176	1582.23	1.5	1576.67
10/08/17	404	42	1582.49	152	1581.47	17	1581.70	2.1	1579.12	57	1577.04	16	1583.81	176	1582.23	1.5	1576.67
10/09/17[2]	322	41	1582.49	149	1581.47	19	1581.70	2.1	1579.12	58	1576.90	22	1583.79	179	1582.22	1.5	1576.67
10/10/17	404	42	1582.49	152	1581.47	17	1581.71	2.8	1579.12	57	1577.15	17	1583.79	176	1582.22	1.5	1576.67
10/11/17	404	42	1582.50	151	1581.47	17	1581.71	1.8	1579.12	56	1576.95	15	1583.81	176	1582.23	1.5	1576.67
10/12/17[3]	375	37	1582.68	136	1581.66	17	1581.86	2.0	1579.12	55	1578.04	15	1583.80	164	1582.39	1.5	1576.68
10/13/17	407	42	1582.59	151	1581.57	17	1581.79	2.1	1579.12	58	1576.84	16	1583.80	176	1582.31	1.5	1576.68
10/14/17	405	42	1582.56	151	1581.53	17	1581.76	2.8	1579.12	58	1577.12	16	1583.80	176	1582.27	1.5	1576.67
10/15/17	406	42	1582.53	151	1581.51	17	1581.74	2.8	1579.12	58	1580.79	17	1583.77	176	1582.25	1.5	1576.67
10/16/17[2]	495	42	1582.51	154	1581.49	20	1581.73	3.8	1579.12	58	1577.75	20	1583.80	176	1582.23	1.5	1576.67
10/17/17	404	42	1582.50	150	1581.48	17	1581.72	2.1	1579.12	58	1580.96	16	1583.77	177	1582.23	1.5	1576.67
10/18/17	403	42	1582.50	151	1581.48	17	1581.72	0.10	1582.08	57	1577.83	16	1583.77	177	1582.22	1.5	1576.67
10/19/17	403	42	1582.50	151	1581.48	17	1581.73	0.70	1579.13	57	1576.98	16	1583.80	176	1582.22	1.5	1576.68
10/20/17	403	42	1582.48	150	1581.46	17	1581.71	3.5	1579.13	57	1577.47	16	1583.77	176	1582.21	1.5	1576.67
10/21/17	403	42	1582.47	151	1581.45	17	1581.71	4.9	1579.13	57	1576.99	16	1583.77	175	1582.20	1.5	1576.67
10/22/17	403	42	1582.47	151	1581.45	17	1581.71	4.1	1579.12	57	1577.44	16	1583.77	176	1582.20	1.5	1576.67
10/23/17	403	42	1582.47	150	1581.45	17	1581.71	2.1	1579.13	57	1579.49	16	1583.77	175	1582.20	1.5	1576.67
10/24/17	404	42	1582.47	150	1581.45	17	1581.70	0.69	1579.13	57	1580.29	16	1583.77	176	1582.20	1.5	1576.67
10/25/17	403	40	1582.46	150	1581.44	17	1581.70	1.4	1579.13	57	1577.47	15	1583.77	176	1582.19	1.5	1576.67
10/26/17	403	40	1582.45	147	1581.43	17	1581.70	0.70	1579.13	57	1577.20	17	1583.77	176	1582.19	1.5	1576.67
10/27/17	402	41	1582.45	147	1581.43	17	1581.69	1.4	1579.13	56	1577.15	16	1583.77	176	1582.18	1.5	1576.67
10/28/17	401	40	1582.44	146	1581.42	17	1581.69	0.69	1579.13	57	1576.96	16	1583.77	176	1582.18	1.5	1576.67
10/29/17	400	40	1582.44	147	1581.42	17	1581.69	0.60	1579.13	56	1580.67	16	1583.77	176	1582.18	1.5	1576.67
10/30/17[2]	461	42	1582.43	149	1581.41	21	1581.69	1.3	1579.13	88	1577.83	17	1583.74	174	1582.17	1.5	1576.67
10/31/17	401	42	1582.43	150	1581.41	17	1581.68	0.68	1579.13	57	1578.42	16	1583.77	176	1582.17	1.5	1576.67
Monthly Average	408	42	1582.49	150	1581.47	17	1581.67	2.1	1579.22	58	1578.18	16	1583.78	176	1582.22	1.5	1576.67
Analytical[1]		Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc[7] (mg/L)	Date
Perchlorate		22	10/5/2017	18	10/5/2017	200	10/5/2017	140	10/5/2017	190	10/5/2017	120	10/5/2017	98	10/5/2017	127	10/5/2017
Hexavalent Chromium		ND	10/5/2017	0.0099	10/5/2017	0.37	10/5/2017	0.18	10/5/2017	0.69	10/5/2017	0.63	10/5/2017	0.12	10/5/2017	0.075	10/5/2017
Total Chromium		ND	10/5/2017	0.013	10/5/2017	0.40	10/5/2017	0.20	10/5/2017	0.65	10/5/2017	0.59	10/5/2017	0.15	10/5/2017	0.091	10/5/2017

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

ND = Not detected above laboratory method detection limit (ClO_4 = 0.5 ug/L; ClO_3 = 10 ug/L; NO_3-N= 0.055 mg/L, Cr(VI) = 0.25 ug/L).

ART-1, 2, 3, 4, 7B, and 8 have adjacent recovery wells, both of which can be used for extraction. The pumping well can be chosen manually or automatically, based on operational considerations. The wells with transducers are ART-1, -2, -3, -4, -7A, -8, -9, and PC-150.

1: Analytical results are reported from TestAmerica.

2: On 10/02, 10/09, 10/16, and 10/30, the LS #3 and AWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

3: On 10/12, a power outage at 1:54 a.m. caused all lift stations and the IX system to go offline. Power was restored to all systems by 3:40 a.m.

4: On 10/18, ART-4 was turned off and ART-4A was turned on to stabilize flow.

5: On 10/19, ART-4A was turned off and ART-4 was turned on.

6: Conducted periodic bucket tests to confirm flow rates for PC-150. From 10/01-10/04, average flow of 1.7 gpm determined from flow tests is presented for flows and used for calculation purposes. From 10/05-10/31, average flow of 1.5 gpm determined from flow tests is presented for flows and used for calculation purposes.

7: Duplicates taken on 10/05 for well PC-150; average of both values is presented and used for calculation.

Table Updated: 11/15/2017

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																		
Date	I-AR		I-AA		I-AB		I-AC		I-AD		I-B		I-C		I-D		I-E		I-F	
	Flow[5 7 8] (gpm)	Water Elevation (ft amsl)	Flow[8 9 10 11] (gpm)	Water Elevation[2] (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow[8 10 11] (gpm)	Water Elevation[2] (ft amsl)	Flow[8] (gpm)	Water Elevation (ft amsl)	Flow[8] (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
10/01/17	0.18	1724.99	1.1	1711.42	0.00	1720.51	0.00	1724.22	0.00	1725.11	0.40	1715.97	3.9	< 1710.00	2.0	1706.16	1.3	1708.36	4.5	1712.53
10/02/17[4]	0.18	1725.11	1.1	1711.63	0.00	1720.51	0.00	1724.17	0.00	1725.09	0.41	1716.04	4.0	< 1710.00	2.0	1706.14	1.4	1708.36	4.4	1712.52
10/03/17	0.18	1725.07	1.0	1711.64	0.00	1720.49	0.00	1724.18	0.00	1725.09	0.42	1716.05	4.0	< 1710.00	2.0	1706.16	1.4	1708.36	4.4	1712.46
10/04/17	0.18	1725.02	1.0	1711.75	0.00	1720.48	0.00	1724.14	0.00	1725.07	0.41	1716.10	3.9	< 1710.00	1.9	1706.17	1.3	1708.35	4.4	1712.44
10/05/17	0.18	1725.00	1.0	1711.66	0.00	1720.47	0.00	1724.15	0.00	1725.07	0.40	1716.09	3.9	1713.04	1.9	1706.16	1.3	1708.35	4.4	1712.45
10/06/17[5]	0.16	1726.04	0.89	< 1708.00	0.00	1720.56	0.00	1724.14	0.00	1725.07	0.35	1718.47	3.2	1712.57	1.9	1706.14	1.3	1708.40	4.3	1712.78
10/07/17	0.09	1726.44	1.3	1708.01	0.00	1720.49	0.00	1724.18	0.00	1725.09	0.27	1718.17	3.6	1712.97	1.9	1706.14	1.3	1708.39	4.4	1712.77
10/08/17	0.09	1726.35	1.3	1708.01	0.00	1720.46	0.00	1724.14	0.00	1725.07	0.27	1718.22	3.8	1711.18	1.9	1706.14	1.3	1708.39	4.5	1712.67
10/09/17[4]	0.23	1727.87	1.2	1708.01	0.00	1720.48	0.00	1724.11	0.00	1725.06	0.28	1718.06	3.7	1715.24	1.9	1706.14	1.3	1708.39	4.4	1712.66
10/10/17	0.17	1724.55	0.9	1713.59	0.02	1720.57	0.02	1724.10	0.01	1725.06	0.29	1718.28	3.6	1715.92	1.9	1706.14	1.3	1708.39	4.4	1712.70
10/11/17	0.23	1724.38	0.9	1713.42	0.00	1720.56	0.00	1724.16	0.00	1725.07	0.31	1717.93	3.6	1716.02	1.9	1706.14	1.3	1708.40	4.4	1712.74
10/12/17	0.22	1724.39	0.9	1713.49	0.00	1720.55	0.00	1724.13	0.00	1725.06	0.31	1717.92	3.5	1716.24	1.9	1706.14	1.3	1708.40	4.4	1712.76
10/13/17	0.22	1724.42	1.1	1709.74	0.00	1720.46	0.00	1724.12	0.00	1725.06	0.31	1717.54	3.7	1714.73	1.9	1706.14	1.3	1708.40	4.3	1712.64
10/14/17	0.22	1724.43	1.1	1711.08	0.00	1720.43	0.00	1724.08	0.00	1725.04	0.32	1717.43	3.9	1711.99	1.9	1706.14	1.3	1708.40	4.4	1712.54
10/15/17	0.22	1724.43	1.1	1711.12	0.00	1720.42	0.00	1724.09	0.00	1725.04	0.32	1717.48	3.9	1712.17	1.9	1706.15	1.3	1708.39	4.5	1712.52
10/16/17[4]	0.22	1724.60	0.79	1714.36	0.00	1720.46	0.00	1724.11	0.00	1725.05	0.31	1717.36	4.0	1711.05	1.9	1706.17	1.3	1708.26	4.4	1712.64
10/17/17	0.21	1724.66	0.78	1716.30	0.00	1720.47	0.00	1724.14	0.00	1725.06	0.32	1717.43	3.9	1711.08	1.9	1706.18	1.3	1708.27	4.4	1712.73
10/18/17	0.20	1724.65	0.65	1716.15	0.00	1720.48	0.00	1724.15	0.00	1725.07	0.32	1717.47	3.9	1711.07	1.9	1706.18	1.3	1708.26	4.4	1712.79
10/19/17	0.18	1725.67	0.82	1709.23	0.00	1720.42	0.00	1724.18	0.00	1725.09	0.34	1715.21	3.8	1714.15	1.9	1706.18	1.3	1708.29	4.3	1712.67
10/20/17	0.14	1725.68	1.1	1709.51	0.00	1720.36	0.00	1724.14	0.00	1725.08	0.44	1714.72	3.7	1719.55	1.9	1706.18	1.3	1708.26	4.3	1712.53
10/21/17	0.14	1725.82	1.1	1710.05	0.00	1720.34	0.00	1724.07	0.00	1725.05	0.43	1715.18	3.7	1719.85	1.9	1706.17	1.3	1708.25	4.4	1712.53
10/22/17	0.13	1725.80	1.1	1709.97	0.00	1720.35	0.00	1724.08	0.00	1725.04	0.44	1714.80	3.8	1719.95	1.9	1706.17	1.3	1708.26	4.5	1712.58
10/23/17	0.16	1724.64	1.1	1708.51	0.00	1720.34	0.00	1724.08	0.00	1725.04	0.42	1714.90	3.8	1717.09	1.9	1706.20	1.3	1708.28	4.5	1712.52
10/24/17	0.23	1724.16	1.2	1708.72	0.00	1720.32	0.00	1724.10	0.00	1725.04	0.43	1714.56	4.0	1717.00	1.9	1706.20	1.3	1708.28	4.5	1712.48
10/25/17	0.23	1724.09	1.2	1708.95	0.00	1720.31	0.00	1724.13	0.00	1725.06	0.44	1714.17	3.9	1716.97	1.9	1706.23	1.3	1708.27	4.5	1712.44
10/26/17	0.23	1724.11	1.2	1708.99	0.00	1720.30	0.00	1724.12	0.00	1725.06	0.42	1715.30	3.9	1716.94	1.9	1706.21	1.3	1708.32	4.4	1712.37
10/27/17	0.23	1724.16	1.2	1708.09	0.00	1720.28	0.00	1724.11	0.00	1725.06	0.41	1715.49	4.0	1716.91	1.9	1706.20	1.3	1708.40	4.2	1712.33
10/28/17	0.21	1724.42	1.2	1708.13	0.00	1720.25	0.00	1724.12	0.00	1725.06	0.43	1715.28	3.8	1716.88	1.8	1706.18	1.3	1708.26	4.2	1712.43
10/29/17	0.20	1724.53	1.2	1708.94	0.00	1720.24	0.00	1724.13	0.00	1725.07	0.43	1715.17	3.8	1716.85	1.7	1706.18	1.3	1708.26	4.2	1712.57
10/30/17[4]	0.19	1724.66	1.2	1709.02	0.00	1720.23	0.00	1724.14	0.00	1725.07	0.42	1714.77	3.8	1716.83	1.7	1706.20	1.5	1708.28	4.4	1712.68
10/31/17	0.19	1724.60	1.0	1709.02	0.00	1720.30	0.00	1724.10	0.00	1725.06	0.44	1715.08	3.9	1716.81	1.8	1706.21	1.3	1708.26	4.4	1712.77
Monthly Average	0.19	1724.99	1.1	1710.53	0.00	1720.42	0.00	1724.13	0.00	1725.06	0.37	1716.34	3.8	1714.55	1.9	1706.17	1.3	1708.33	4.4	1712.59
Analytical[1]	Conc (mg/L)	Date	Conc[3] (mg/L)	Date	Conc[3] (mg/L)	Date	Conc[12] (mg/L)	Date	Conc (mg/L)	Date	Conc[3] (mg/L)	Date	Conc[3] (mg/L)	Date	Conc[3] (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	1,600	10/10/2017	70 ^	10/10/2017	150 ^	10/10/2017	225	10/10/2017	140	10/10/2017	220 ^	10/10/2017	580 ^	10/10/2017	570 ^	10/10/2017	530	10/11/2017	690	10/11/2017
Hexavalent Chromium	ND	10/10/2017	0.056	10/10/2017	ND	10/10/2017	2.1	10/10/2017	1.2	10/10/2017	0.035	10/10/2017	1.9	10/10/2017	5.1	10/10/2017	6.4	10/11/2017	12	10/11/2017
Total Chromium	0.18	10/10/2017	0.052	10/10/2017	0.011	10/10/2017	2.1	10/10/2017	1.1	10/10/2017	0.033	10/10/2017	1.9	10/10/2017	4.8	10/10/2017	6.6	10/11/2017	13	10/11/2017

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

ND = Not detected above laboratory method detection limit (Cr(VI) = 1.0 ug/L).

1: Analytical results are reported from TestAmerica.

2: A "<" preceding the water elevation indicates the reported water level is below the transducer. A ">" preceding the water elevation indicates the reported water level is above the upper range of the transducer. Average monthly water elevation calculations include the transducer elevation in instances where the water level is below or above the transducer.

3: A "^" following the water quality data indicates instrument related QC is outside acceptance limits.

4: On 10/02, 10/09, 10/16, and 10/30, the IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

5: On 10/06, IWF offline briefly due to a high water level at the GWTP influent tank.

6: On 10/08, I-AR adjusted to meet flow target as directed by the Trust.

7: On 10/09, I-AR flow valve was stuck, ETI operations adjusted flow valve and determined flow to be 0.23 gpm.

8: On 10/23, I-AR, I-AA, I-C, I-D, I-E, I-G, I-N, I-P, I-Q, I-U, I-X and I-Y adjusted to meet flow target as directed by the Trust.

9: On 10/06, I-AA, I-G, I-Q, and I-W totalizers were reset.

10: On 10/06, I-AA, I-C, I-G, I-O, I-Q, I-W, I-X, and I-Y adjusted to meet flow target as directed by the Trust.

11: On 10/16, I-AA, I-C, I-G, I-N, I-Q, I-U, I-W, and I-X adjusted to meet flow target as directed by the Trust.

12: Duplicates taken on 10/10 for well I-AC; average of both values is presented and used for calculation purposes.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																				
Date	I-G		I-H		I-I		I-J		I-K		I-L		I-M		I-N		I-O		I-P	
	Flow[8 9 10 11] (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation[13] (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow[8 11 14] (gpm)	Water Elevation (ft amsl)	Flow[10] (gpm)	Water Elevation[2 15] (ft amsl)	Flow[8 14] (gpm)	Water Elevation (ft amsl)
10/01/17	0.11	1718.32	1.1	1718.29	4.9	1721.86	6.5	1707.03	3.0	1715.50	1.6	1712.19	2.2	1718.00	4.2	1715.47	0.88	1716.88	1.6	1720.94
10/02/17[4]	0.11	1718.28	1.2	1718.29	4.9	1721.84	6.6	1707.02	3.0	1715.45	1.5	1712.72	2.2	1718.00	4.2	1715.30	0.91	1716.80	1.6	1720.93
10/03/17	0.11	1718.44	1.2	1718.29	4.9	1721.82	6.5	1707.03	3.0	1715.44	1.5	1712.89	2.2	1718.00	4.2	1713.92	0.92	1716.62	1.9	1720.56
10/04/17	0.10	1718.53	1.2	1718.29	4.9	1721.80	6.5	1707.02	3.0	1715.47	1.4	1713.00	2.2	1718.00	4.3	1713.55	0.91	1716.84	2.0	1720.49
10/05/17	0.10	1718.60	1.2	1718.29	4.9	1721.79	6.5	1707.02	3.0	1715.44	1.5	1712.97	2.2	1718.00	4.2	1713.40	0.90	1716.68	2.0	1720.45
10/06/17[5]	0.08	1715.76	1.1	1718.13	4.9	1721.81	6.4	1707.02	2.9	1715.63	1.3	1717.17	2.1	1718.00	4.2	1714.25	0.91	1717.81	1.9	1720.70
10/07/17	0.17	1713.81	1.1	1718.11	4.9	1721.84	6.5	1707.03	3.1	1715.52	1.1	1717.05	1.9	1718.02	4.2	1714.11	0.88	1717.91	1.8	1720.80
10/08/17	0.16	1714.56	1.1	1718.08	4.9	1721.82	6.5	1707.02	3.0	1715.44	1.1	1716.74	1.9	1718.04	4.2	1713.51	0.88	1718.55	1.8	1720.82
10/09/17[4]	0.15	1714.50	1.1	1718.97	5.0	1721.80	6.4	1707.02	3.1	1715.40	1.1	1717.09	1.9	1718.59	4.2	1713.41	0.89	1717.92	1.8	1720.77
10/10/17	0.15	1714.67	1.1	1719.00	4.9	1721.81	6.5	1707.02	3.0	1715.42	1.1	1717.40	1.8	1718.67	4.2	1713.47	0.90	1717.96	1.8	1720.81
10/11/17	0.15	1714.28	1.1	1719.08	4.9	1721.86	6.5	1707.02	3.0	1715.47	1.1	1717.24	1.8	1718.74	4.2	1713.74	0.90	1718.24	1.8	1720.87
10/12/17	0.15	1714.48	1.1	1719.18	4.9	1721.82	6.5	1707.03	3.0	1715.43	1.1	1717.24	1.8	1718.80	4.1	1713.88	0.90	1718.44	1.8	1720.86
10/13/17	0.15	1714.62	1.1	1719.21	4.9	1721.82	6.5	1707.02	3.0	1715.44	1.5	1712.25	1.8	1718.79	4.1	1713.13	0.88	1718.07	1.8	1720.86
10/14/17	0.10	1718.81	1.1	1719.21	4.9	1721.80	6.5	1707.02	3.0	1715.32	1.5	1712.48	1.8	1718.79	4.1	1712.78	0.90	1717.89	1.8	1720.82
10/15/17	0.08	1719.19	1.1	1719.21	4.9	1721.80	6.5	1707.02	3.0	1715.31	1.5	1712.46	1.8	1718.79	4.2	1712.69	0.89	1718.29	1.8	1720.84
10/16/17[4]	0.11	1717.89	1.1	1719.24	4.9	1721.81	6.4	1707.02	3.1	1715.36	1.4	1713.92	1.8	1718.79	3.9	1712.68	0.79	1713.40	1.8	1720.83
10/17/17	0.09	1718.92	1.1	1719.17	4.9	1721.82	6.5	1707.02	3.1	1715.38	1.4	1714.06	1.8	1718.79	4.2	1712.68	0.87	1712.74	1.7	1720.82
10/18/17	0.09	1719.19	1.0	1719.07	4.9	1721.83	6.5	1707.03	3.0	1715.40	1.3	1714.21	1.8	1718.79	4.3	1712.98	0.90	1710.82	1.8	1720.83
10/19/17	0.08	1719.72	1.1	1719.22	4.9	1721.87	6.5	1707.03	3.0	1715.50	1.4	1712.77	1.7	1718.79	4.2	1712.67	0.80	< 1710.00	1.7	1720.91
10/20/17	0.08	1719.60	1.4	1719.16	4.9	1721.82	6.6	1707.03	3.0	1715.38	1.5	1712.56	1.6	1718.78	4.1	1712.69	0.77	< 1710.00	1.7	1720.82
10/21/17	0.09	1716.36	1.4	1719.33	4.9	1721.77	6.5	1707.02	3.0	1715.26	1.5	1713.10	1.6	1719.04	4.1	1712.68	0.79	< 1710.00	1.7	1720.72
10/22/17	0.13	1716.48	1.3	1719.43	4.9	1721.77	6.5	1707.02	3.0	1715.47	1.5	1713.30	1.6	1719.01	4.1	1712.67	0.78	< 1710.00	1.7	1720.69
10/23/17	0.13	1715.81	1.3	1718.65	4.9	1721.76	6.5	1707.03	3.0	1715.50	1.4	1713.58	1.6	1719.01	4.1	1712.69	0.72	< 1710.00	1.8	1720.43
10/24/17	0.13	1716.00	1.2	1718.65	4.9	1721.76	6.6	1707.03	3.0	1715.52	1.4	1713.62	1.5	1719.01	4.1	1712.70	0.75	< 1710.00	2.0	1720.38
10/25/17	0.13	1716.09	1.2	1717.86	4.9	1721.78	6.6	1707.02	3.0	1715.59	1.4	1713.73	1.5	1719.01	4.0	1712.67	0.76	< 1710.00	1.9	1720.44
10/26/17	0.13	1716.18	1.2	1717.96	4.9	1721.77	6.6	1707.03	3.0	1715.59	1.4	1713.73	1.5	1719.11	4.0	1712.68	0.75	1721.34	1.9	1720.44
10/27/17	0.13	1716.31	1.2	1717.95	4.9	1721.76	6.6	1707.02	3.0	1715.52	1.4	1713.44	1.5	1719.20	4.0	1712.68	0.76	1721.33	1.9	1720.42
10/28/17	0.12	1716.53	1.2	1718.05	4.9	1721.76	6.6	1707.03	3.0	1715.20	1.4	1713.41	1.5	1719.20	4.0	1712.67	0.75	1721.34	1.9	1720.44
10/29/17	0.12	1716.70	1.2	1718.04	5.0	1721.77	6.6	1707.03	3.0	1715.20	1.4	1713.55	1.5	1719.20	4.1	1712.69	0.74	1721.35	1.9	1720.37
10/30/17[4]	0.21	1716.83	1.3	1718.06	4.9	1721.78	6.4	1707.03	3.1	1715.18	1.4	1713.44	1.6	1719.20	3.9	1712.70	0.73	1721.36	2.0	1720.39
10/31/17	0.11	1716.92	1.3	1718.03	4.9	1721.75	6.5	1707.02	3.1	1715.12	1.4	1713.42	1.5	1719.18	4.2	1712.73	0.75	1721.34	2.0	1720.37
Monthly Average	0.12	1716.85	1.2	1718.63	4.9	1721.80	6.5	1707.02	3.0	1715.41	1.4	1714.09	1.8	1718.69	4.1	1713.22	0.83	1716.13	1.8	1720.67
Analytical[1]	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc[3] (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	1,400	10/11/2017	1,000	10/10/2017	770	10/10/2017	300	10/10/2017	230	10/10/2017	580 ^	10/10/2017	760	10/10/2017	520	10/11/2017	810	10/11/2017	910	10/11/2017
Hexavalent Chromium	21	10/11/2017	16	10/11/2017	11	10/10/2017	3.9	10/10/2017	2.2	10/10/2017	0.49	10/10/2017	6.1	10/10/2017	5.9	10/11/2017	18	10/11/2017	17	10/11/2017
Total Chromium	23	10/11/2017	17	10/10/2017	11	10/10/2017	3.6	10/10/2017	2.1	10/10/2017	0.43	10/10/2017	5.8	10/10/2017	6.4	10/11/2017	19	10/11/2017	19	10/11/2017

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

1: Analytical results are reported from TestAmerica.

2: A "<" preceding the water elevation indicates the reported water level is below the transducer. A ">" preceding the water elevation indicates the reported water level is above the upper range of the transducer. Average monthly water elevation calculations include the transducer elevation in instances where the water level is below or above the transducer.

3: A "^" following the water quality data indicates instrument related QC is outside acceptance limits.

4: On 10/02, 10/09, 10/16, and 10/30, the IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

5: On 10/06, IWF offline briefly due to a high water level at the GWTP influent tank.

8: On 10/23, I-AR, I-AA, I-C, I-D, I-E, I-G, I-N, I-P, I-Q, I-U, I-X and I-Y adjusted to meet flow target as directed by the Trust.

9: On 10/06, I-AA, I-G, I-Q, and I-W totalizers were reset.

10: On 10/06, I-AA, I-C, I-G, I-O, I-Q, I-W, I-X, and I-Y adjusted to meet flow target as directed by the Trust.

11: On 10/16, I-AA, I-C, I-G, I-N, I-Q, I-U, I-W, and I-X adjusted to meet flow target as directed by the Trust.

13: On 10/25, I-H transducer replaced.

14: On 10/03, I-N, I-P, I-U, and I-X adjusted to meet flow target as directed by the Trust.

15: On 10/26, I-O transducer replaced. Previous water elevation measurements are suspect.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																				
Date	I-Q		I-R		I-S		I-T		I-U		I-V		I-W		I-X		I-Y		I-Z	
	Flow[8 9 10 11] (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow[8 11 14] (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow[9 10 11] (gpm)	Water Elevation (ft amsl)	Flow[8 10 11 14] (gpm)	Water Elevation (ft amsl)	Flow[8 10] (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation[2] (ft amsl)
10/01/17	0.21	1718.97	1.4	1714.39	3.2	1710.79	0.50	1707.86	0.60	1713.79	4.4	1719.31	0.59	1719.82	3.6	1713.45	1.2	1715.57	7.7	< 1707.89
10/02/17[4]	0.19	1718.97	1.7	1713.91	3.3	1710.79	0.48	1708.15	0.59	1713.91	4.4	1719.28	0.57	1719.82	3.5	1714.07	1.3	1715.45	7.7	< 1707.89
10/03/17	0.20	1718.97	1.6	1713.77	3.2	1710.80	0.48	1707.32	0.70	1711.85	4.3	1719.24	0.57	1719.76	3.6	1713.58	1.2	1715.51	7.7	< 1707.89
10/04/17	0.19	1718.97	1.7	1713.92	3.2	1710.80	0.50	1707.02	0.70	1711.94	4.3	1719.19	0.57	1719.71	3.5	1713.86	1.2	1715.81	7.7	< 1707.89
10/05/17	0.14	1718.97	1.6	1713.93	3.2	1710.80	0.50	1712.12	0.69	1712.12	4.3	1719.17	0.57	1719.70	3.3	1714.36	1.2	1715.82	7.7	< 1707.89
10/06/17[5]	0.11	1719.32	1.5	1716.35	3.2	1710.78	0.49	1714.03	0.64	1714.03	4.3	1719.25	0.48	1720.15	3.4	1714.02	1.2	1716.23	7.6	< 1707.89
10/07/17	0.22	1719.20	1.3	1715.96	3.4	1710.79	0.49	1713.90	0.59	1713.90	4.4	1719.31	0.49	1720.06	3.3	1714.49	1.2	1716.22	7.7	< 1707.89
10/08/17	0.21	1719.07	1.2	1715.92	3.4	1710.78	0.49	1714.32	0.59	1714.32	4.4	1719.28	0.51	1719.95	3.5	1713.64	1.2	1716.04	7.8	< 1707.89
10/09/17[4]	0.07	1718.66	1.5	1715.94	3.3	1710.78	0.49	1707.79	0.58	1714.45	4.3	1719.25	0.56	1719.89	3.3	1713.95	1.2	1716.24	7.6	< 1707.89
10/10/17	0.01	1719.42	1.4	1716.26	3.4	1710.72	0.48	1707.83	0.58	1714.06	4.3	1719.28	0.54	1719.92	3.2	1714.34	1.1	1716.56	7.7	< 1707.89
10/11/17	0.07	1719.62	1.5	1716.04	3.4	1710.72	0.48	1708.53	0.59	1714.06	4.3	1719.34	0.54	1719.99	3.0	1714.69	1.1	1716.48	7.5	1710.12
10/12/17	0.07	1719.59	1.4	1716.08	3.4	1710.72	0.47	1708.58	0.58	1714.17	4.3	1719.30	0.54	1719.96	3.0	1714.73	1.1	1717.60	7.9	< 1707.89
10/13/17	0.16	1719.61	1.5	1714.69	3.3	1710.72	0.47	1708.54	0.57	1714.24	4.3	1719.30	0.54	1719.96	3.4	1713.70	1.2	1715.84	7.8	< 1707.89
10/14/17	0.13	1719.61	1.6	1714.82	3.1	1710.73	0.47	1708.56	0.57	1714.29	4.3	1719.26	0.54	1719.92	3.7	1713.02	1.4	1714.35	7.8	< 1707.89
10/15/17	0.15	1719.61	1.6	1714.87	3.1	1710.72	0.47	1709.08	0.56	1714.37	4.3	1719.26	0.54	1719.93	3.5	1713.42	1.3	1714.87	7.9	< 1707.89
10/16/17[4]	0.13	1719.61	1.7	1714.42	3.2	1710.72	0.46	1709.07	0.74	1711.24	4.3	1719.28	0.81	1718.94	3.0	1714.52	1.3	1715.08	7.9	< 1707.89
10/17/17	0.14	1719.61	1.6	1714.29	3.1	1710.72	0.46	1709.14	0.72	1712.14	4.3	1719.27	0.80	1719.13	2.7	1715.32	1.2	1715.44	7.8	< 1707.89
10/18/17	0.14	1719.61	1.6	1714.34	3.1	1710.72	0.46	1709.29	0.68	1712.84	4.3	1719.28	0.78	1719.10	2.5	1715.66	1.2	1715.45	7.8	< 1707.89
10/19/17	0.09	1719.61	1.5	1715.24	3.1	1710.73	0.45	1709.79	0.71	1709.72	4.3	1719.38	0.73	1719.47	3.1	1713.40	1.3	1713.83	7.8	< 1707.89
10/20/17	0.03	1719.62	1.4	1715.09	3.1	1710.73	0.45	1709.82	0.76	1711.55	4.3	1719.30	0.71	1719.17	3.5	1713.62	1.4	1713.81	7.9	< 1707.89
10/21/17	0.05	1718.44	1.5	1715.39	3.1	1710.73	0.44	1709.84	0.73	1711.42	4.3	1719.20	0.77	1719.14	3.3	1714.17	1.2	1716.24	7.7	< 1707.89
10/22/17	0.15	1718.12	1.5	1715.77	3.1	1710.73	0.44	1709.80	0.72	1711.62	4.4	1719.18	0.76	1719.13	3.0	1714.46	1.1	1716.49	7.8	< 1707.89
10/23/17	0.14	1718.15	1.4	1715.61	3.1	1710.73	0.44	1709.81	0.74	1708.99	4.4	1719.17	0.75	1719.16	3.2	1713.43	1.1	1714.72	7.8	< 1707.89
10/24/17	0.15	1718.15	1.4	1715.50	3.1	1710.73	0.44	1709.85	0.82	1709.90	4.4	1719.15	0.75	1719.04	3.4	1713.75	1.3	1715.59	7.8	< 1707.89
10/25/17	0.15	1718.17	1.5	1715.48	3.1	1710.73	0.44	1709.87	0.79	1710.06	4.3	1719.18	0.74	1719.33	3.4	1712.65	1.2	1715.90	7.8	< 1707.89
10/26/17	0.18	1718.36	1.5	1715.52	3.1	1710.73	0.44	1709.81	0.76	1710.22	4.3	1719.17	0.70	1719.32	3.6	1713.43	1.1	1716.53	7.9	< 1707.89
10/27/17	0.19	1718.60	1.5	1715.26	3.1	1710.73	0.44	1709.71	0.75	1707.66	4.2	1719.15	0.70	1719.21	3.4	1712.85	1.2	1709.56	7.8	< 1707.89
10/28/17	0.18	1718.60	1.5	1715.29	3.0	1710.73	0.44	1709.70	0.82	1709.18	4.2	1719.15	0.70	1719.22	3.1	1714.72	1.4	1714.26	7.5	< 1707.89
10/29/17	0.18	1718.83	1.5	1715.25	3.0	1710.73	0.41	1709.73	0.83	1708.80	4.2	1719.16	0.70	1719.22	2.6	1715.35	1.3	1715.21	7.5	< 1707.89
10/30/17[4]	0.19	1718.83	1.6	1714.38	3.0	1710.73	0.43	1709.79	0.79	1709.38	4.3	1719.17	0.62	1719.57	2.3	1715.80	1.3	1715.33	7.6	< 1707.89
10/31/17	0.17	1718.84	1.6	1715.06	2.9	1710.72	0.43	1709.76	0.78	1710.26	4.3	1719.13	0.65	1719.40	2.2	1716.23	1.2	1715.36	7.7	< 1707.89
Monthly Average	0.14	1719.02	1.5	1715.12	3.2	1710.74	0.46	1709.63	0.69	1711.95	4.3	1719.24	0.64	1719.55	3.2	1714.15	1.2	1715.40	7.7	< 1707.96
Analytical[1]	Conc (mg/L)	Date	Conc[3] (mg/L)	Date	Conc[3] (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc[3] (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	1,100	10/11/2017	710 ^	10/10/2017	500 ^	10/10/2017	1,500	10/11/2017	1,700	10/11/2017	780	10/10/2017	870	10/11/2017	880	10/11/2017	1,100^	10/10/2017	430	10/10/2017
Hexavalent Chromium	18	10/11/2017	0.20	10/10/2017	0.76	10/10/2017	21	10/11/2017	20	10/11/2017	17	10/10/2017	17	10/11/2017	8.6	10/11/2017	0.32	10/10/2017	9.3	10/10/2017
Total Chromium	19	10/11/2017	0.19	10/10/2017	0.69	10/10/2017	26	10/11/2017	23	10/11/2017	15	10/10/2017	20	10/11/2017	9.2	10/11/2017	0.31	10/10/2017	8.5	10/10/2017

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

1: Analytical results are reported from TestAmerica.

2: A "<" preceding the water elevation indicates the reported water level is below the transducer. A ">" preceding the water elevation indicates the reported water level is above the upper range of the transducer. Average monthly water elevation calculations include the transducer elevation in instances where the water level is below or above the transducer.

3: A "^" following the water quality data indicates instrument related QC is outside acceptance limits.

4: On 10/02, 10/09, 10/16, and 10/30, the IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

5: On 10/06, IWF offline briefly due to a high water level at the GWTP influent tank.

8: On 10/23, I-AR, I-AA, I-C, I-D, I-E, I-G, I-N, I-P, I-Q, I-U, I-X and I-Y adjusted to meet flow target as directed by the Trust.

9: On 10/06, I-AA, I-G, I-Q, and I-W totalizers were reset.

10: On 10/06, I-AA, I-C, I-G, I-O, I-Q, I-W, I-X, and I-Y adjusted to meet flow target as directed by the Trust.

11: On 10/16, I-AA, I-C, I-G, I-N, I-Q, I-U, I-W, and I-X adjusted to meet flow target as directed by the Trust.

14: On 10/03, I-N, I-P, I-U, and I-X adjusted to meet flow target as directed by the Trust.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																
Date	LS #2	GWTP Effluent[1]				GW-11 Influent[1]				FBR Plant Influent[1]						
	Flow[3 4] (gpm)	Flow[5] (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO_4 (mg/L)	Flow[6] (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO_4 (mg/L)	Flow (gpm)	TA - ClO_4 (mg/L)	ETI - ClO_4 (mg/L)	TA - ClO_3 (mg/L)	TA - NO_3 - N (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)
10/01/17	946	67				0.00				1,053		124				
10/02/17	865	61				0.00				937		125	130	11	0.049	0.040
10/03/17	949	61				0.00				1,036		154				
10/04/17	946	74				0.00				1,048		151				
10/05/17	947	75	0.15	ND	790 ^	0.00				1,063		120				
10/06/17	947	67				0.00				1,063		182				
10/07/17	948	82				0.00				1,052	140	169				
10/08/17	947	83				0.00				1,035		190				
10/09/17	1,058	81				0.00				1,177		157		11	0.051	0.046
10/10/17	949	81				0.00				1,121		175				
10/11/17	945	81				0.00				1,101		178				
10/12/17	898	79	0.17	ND	620	0.00				1,106		175				
10/13/17	950	80				0.00				1,107		175				
10/14/17	949	68				0.00				1,072	160	231				
10/15/17	948	61				0.00				1,049		209				
10/16/17	1,064	59				0.00				1,169		183		12	0.052	0.012
10/17/17	971	59				0.00				1,063		163				
10/18/17	947	61				5.1	0.16	0.064	40	1,058		186				
10/19/17	946	61	0.16	ND	540	0.00				1,076		198				
10/20/17	946	61				5.4				1,076		235				
10/21/17	946	60				0.00				1,062	170	208				
10/22/17	946	60				0.00				1,032		243				
10/23/17	944	61				0.00				1,007		242		11	0.016	0.010
10/24/17	946	62				228				1,027		241				
10/25/17	945	62				0.00				1,075		232				
10/26/17	952	61	0.56	ND	660	0.00				1,061		238				
10/27/17	945	61				0.00				1,046		227				
10/28/17	946	63				0.00				1,036	270	193				
10/29/17	946	61				0.00				1,036		223				
10/30/17	831	61				0.00				945		230		10	0.035	0.018
10/31/17	945	60				0.00				1,060		238				
Monthly Average[2]	947	67	0.27	ND	661	7.7	0.16	0.064	40	1,060	180	193	130	11	0.041	0.025

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

76334.62126

ND = Not detected above laboratory method detection limit (ClO_4 = 0.5 ug/L; ClO_3 = 10 ug/L; NO_3-N= 0.055 mg/L, Cr(VI) = 0.25 ug/L).

^ = Instrument related QC is outside acceptance limits.

1: ETI = Envirogen internal process control data, TA = TestAmerica data.

2: All average concentrations reported are monthly flow weighted averages.

3: On 10/02, 10/09, 10/16, and 10/30, LS #2 totalizer was reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

4: On 10/12, a power outage at 1:54 a.m. caused all lift stations and the IX system to go offline. Power was restored to all systems by 3:40 a.m.

5: On 10/06, GWTP offline briefly due to a high water level at the GWTP influent tank.

6: Flows bypassed GW-11 Influent and FBR Plant Influent totalizers from 10/01 to 10/31 due to FBR plant influent strainers clogging, except for monthly sampling on 10/18, flow meter repair on 10/20, and FBR Plant maintenance on 10/24.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics														
Date	1st Stage FBR[7]			2nd Stage FBR[7]			FBR Plant Effluent[1]							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow[8] (gpm)	TA - ClO_4 (mg/L)	ETI - ClO_4 (mg/L)	TA - ClO_3 (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - NO_3 - N (mg/L)	ETI - Turbidity (NTU)
10/01/17	912	6.5	-306	1,082	6.7	-324	1,095		ND					16
10/02/17	925	6.6	-351	979	6.8	-318	1,060		ND	ND	0.013	ND	ND	19
10/03/17	831	6.5	-335	737	6.7	-318	1,073		ND					9
10/04/17	934	6.5	-356	1,026	6.7	-320	1,087		ND					29
10/05/17	905	6.6	-356	1,024	6.7	-319	1,070		ND					4
10/06/17	905	6.5	-364	1,000	6.7	-320	1,111		ND					2
10/07/17	880	6.5	-356	769	6.7	-321	1,081	ND	ND					22
10/08/17	934	6.5	-347	1,018	6.7	-324	1,052		ND					5
10/09/17	911	6.5	-359	948	6.7	-325	1,095		ND		0.0052	ND	ND	18
10/10/17	952	6.6	-367	1,040	6.7	-324	1,125		ND					23
10/11/17	974	6.6	-370	1,044	6.7	-328	1,146		ND					16
10/12/17	946	6.7	-373	1,032	6.8	-333	1,140		ND					7
10/13/17	931	6.6	-372	1,049	6.7	-331	1,136		ND					12
10/14/17	968	6.7	-377	971	6.8	-335	1,094	ND	ND					22
10/15/17	956	6.7	-355	1,042	6.8	-332	1,095		ND					31
10/16/17	904	6.6	-357	924	6.7	-330	1,107		ND		0.0040 J	ND	ND	4
10/17/17	862	6.7	-354	1,008	6.6	-329	1,111		ND					6
10/18/17	832	6.7	-303	998	6.7	-306	1,088		ND					7
10/19/17	869	6.7	-295	1,047	6.6	-310	1,118		ND					11
10/20/17	849	6.7	-321	1,038	6.7	-316	1,144		ND					7
10/21/17	828	6.7	-327	1,062	6.6	-318	1,133	ND	ND					6
10/22/17	816	6.7	-328	845	6.6	-304	1,098		ND					5
10/23/17	806	6.7	-304	766	6.6	-286	1,061		ND		0.0046 J	ND	ND	7
10/24/17	871	6.8	-291	1,068	6.6	-289	725		ND					13
10/25/17	849	6.8	-309	1,028	6.6	-295	1,135		ND					3
10/26/17	854	6.8	-300	862	6.6	-298	1,147		ND					6
10/27/17	826	6.7	-305	1,019	6.6	-298	1,129		ND					4
10/28/17	815	6.7	-309	931	6.6	-301	1,120	ND	ND					4
10/29/17	823	6.7	-286	949	6.7	-304	1,114		ND					9
10/30/17	833	6.7	-216	925	6.7	-308	1,132		ND		0.0037 J	ND	ND	12
10/31/17	772	6.7	-255	960	6.6	-310	1,123		ND					5
Monthly Average[2]	880	6.6	-331	974	6.7	-316	1,095	ND	ND	ND	0.0058	ND	ND	11

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

ND = Not detected above laboratory method detection limit (ClO_4 = 0.5 ug/L; ClO_3 = 10 ug/L; NO_3-N= 0.055 mg/L, Cr(VI) = 0.25 ug/L).

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

1: ETI = Envirogen internal process control data, TA = TestAmerica data.

2: All average concentrations reported are monthly flow weighted averages.

7: For 1st and 2nd stage FBRs, flow measurements are collected from the influent lines and pH and ORP samples are collected from the recycle lines.

8: FBR Plant Effluent represents effluent discharged to Las Vegas Wash. While this may represent the entirety of the FBR Plant effluent, any diversions to GW-11 are subtracted from the original effluent flow.

GW-11 Level Monitoring		
Date	Field Measurement (ft)	Volume (MG)
10/12/17	30.8	35.6
10/31/17	32.1	34.0

GW-11 Leak Detection Monitoring				
Date	Amount Pumped[1] (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
10/14/17	0	1,769	15	0
10/28/17	0	570	0	0

GW-11 Composite Sample[2]		
Analytes	Concentration	Units
Perchlorate	18	mg/L
Chlorate	19	mg/L
Ammonia as N	0.52	mg/L
Total Phosphorus	ND	mg/L
Total Dissolved Solids (TDS)	8,800	mg/L
Total Suspended Solids (TSS)	36	mg/L
pH	8.5 HF	s.u.
Calcium	450	mg/L
Iron	0.34	mg/L
Chromium (total)	0.025	mg/L
Chromium VI	0.00037 J	mg/L
Chloride	2,800	mg/L
Nitrate as N	ND	mg/L
Sulfate	2,300	mg/L

Notes:

ND = Not detected above laboratory method detection limit (NH_3-N= 0.1 mg/L; Total P = 0.025 ug/L; Cr(VI) = 0.25 ug/L).

J= Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. Indicates an Estimated Value for TICs.

HF= Field parameter with a holding time of 15 minutes. Test performed by laboratory at the direction of the Trust.

1: Pumping occurs over three consecutive days. The total amount pumped over the three day period is listed with the last day pumping occurred.

2: Corner Composite Sample collected quarterly, most recent sampling results presented. Sampled on: August 3, 2017 by Envirogen.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics						
Date	Flow[1] (gpm)	FBR Influent Concentration			Influent Function Load[2] (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO_4 [3] (mg/L)	NO_3 as N (mg/L)	ClO_3 (mg/L)		
Nov 2016	935	85	7.1	120	473	515
Dec 2016	979	96	9.0	170	638	542
Jan 2017	1,005	100	9.9	170	675	568
Feb 2017	1,017	103	11	170	697	588
Mar 2017	951	99	12	180	672	621
Apr 2017	1,066	87	13	190	759	652
May 2017	1,102	88	12	190	773	702
June 2017	1,047	95	12	170	720	716
July 2017	1,058	118	12	170	777	733
Aug 2017	1,072	124	9.8	170	773	746
Sep 2017	1,070	114	11	190	806	768
Oct 2017	1,060	180	11	130	821	778

Notes:

Concentrations and flow are presented as monthly average.

1: Flow used in loading calculation is average monthly FBR effluent flow to be consistent with historical loading calculations.

2: FBR loading calcuated as [(0.9*NO_3 as N + 0.17*ClO_3 + 0.18*ClO_4)*Flow*1440/1000000*8.34].

3: Treatment of AP-5 wash water began on July 17, 2017 and was suspended on August 4, 2017 to allow Envirogen to evaluate internal process controls to meet discharge limits. Treatment of AP-5 wash water resumed on August 31, 2017.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																
Date	E1-1				E1-2				E1-3				E2-1			
	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1] (mg/L)	ClO_4[1] (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1 4] (mg/L)	ClO_4[1 4] (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1 5] (mg/L)	ClO_4[1 5] (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1] (mg/L)	ClO_4[1] (mg/L)
10/01/17	*0.99*				*1.4*				*0.87*				*1.6*			
10/02/17	0.98	1724.75	0.026	390	1.4	1713.24	0.038	1,400	0.89	1715.12	0.085	840	1.5	1714.75	0.030	260
10/03/17	1.1	1724.85			1.5	1714.44			1.0	1715.76			1.9	1718.87		
10/04/17	1.0	1724.67			1.4	1712.95			0.90	1714.71			1.5	1715.54		
10/05/17	1.1	1724.68			1.5	1713.02			1.0	1714.98			1.8	1716.98		
10/06/17[3]	0.95	1724.55			1.3	1710.70			0.84	1714.14			1.5	1713.92		
10/07/17	*0.95*				*1.3*				*0.84*				*1.5*			
10/08/17	*0.95*				*1.3*				*0.84*				*1.5*			
10/09/17	0.91	1724.79	0.028	410	1.4	1713.12	0.037	1,400	0.87	1715.90	0.084	845	1.2	1717.24	0.029	240
10/10/17	1.0	1724.84			1.6	1712.56			1.1	1716.76			1.8	1723.36		
10/11/17	0.92	1724.63			1.4	1709.74			0.93	1710.99			1.5	1717.01		
10/12/17	0.97	1724.67			1.5	1709.72			1.0	1710.97			1.6	1716.21		
10/13/17	0.93	1724.84			1.4	1710.29			1.0	1712.32			1.6	1715.46		
10/14/17	*0.93*				*1.4*				*1.0*				*1.6*			
10/15/17	*0.93*				*1.4*				*1.0*				*1.6*			
10/16/17	1.1	1724.76	0.027	360	1.8	1712.31	0.038	1,300	1.2	1714.40	0.090	780	1.9	1715.54	0.027	190
10/17/17	0.86	1724.53			1.3	1709.71			0.86	1712.61			0.60	1714.12		
10/18/17	0.97	1724.57			1.4	1710.36			0.96	1714.20			1.4	1719.39		
10/19/17	0.88	1724.51			1.3	1709.71			0.88	1714.84			1.5	1718.78		
10/20/17	0.95	1724.68			1.4	1714.28			0.94	1717.16			1.7	1716.50		
10/21/17	*0.95*				*1.4*				*0.94*				*1.7*			
10/22/17	*0.95*				*1.4*				*0.94*				*1.7*			
10/23/17	0.99	1724.64	0.028	390	1.5	1714.05	0.040	1,700	0.08	1718.05	0.087	830	1.6	1713.75	0.028	230
10/24/17	0.91	1724.62			1.4	1712.84			0.83	1724.73			1.6	1715.37		
10/25/17	0.95	1724.60			1.4	1713.04			0.91	1719.51			1.6	1713.10		
10/26/17	1.2	1724.40			1.4	1712.98			0.92	1717.80			1.6	1715.39		
10/27/17	1.1	1724.21			1.3	1709.46			0.89	1718.02			1.6	1712.67		
10/28/17	*1.1*				*1.3*				*0.89*				*1.6*			
10/29/17	*1.1*				*1.3*				*0.89*				*1.6*			
10/30/17	1.2	1724.21	0.027	420	1.5	1711.00	0.039	930	0.14	1716.51	0.089	785	1.1	1713.19	0.026	240
10/31/17	1.4	1724.76			1.5	1710.50			0.53	1726.42			1.5	1722.10		
Monthly Average[2]	1.0	1724.63	0.027	393	1.4	1711.82	0.038	1,370	0.87	1716.18	0.087	817	1.6	1716.33	0.028	230

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading. *Italicized* flow rates indicate a totalizer reading was not recorded that day.

1: Analytical results are reported from TestAmerica.

2: All average concentrations reported are monthly flow weighted averages.

3: On 10/06, the extraction system was shut down briefly around 4pm due to ETI maintenance of the tank lines. The system was restarted at approximately 4:30 pm.

4: Duplicates taken on 10/16 for well E1-2; average of both values is presented for calculation purposes.

5: Duplicates taken on 10/09 and 10/30 for well E1-3; average of both values is presented for calculation purposes.

Nevada Environmental Response Trust I Groundwater Extraction and Treatment System I Enhanced Operational Metrics																
Date	E2-2				E2-3				E2-4				E2-5			
	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1] (mg/L)	ClO_4[1] (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1 6] (mg/L)	ClO_4[1 6] (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1 7] (mg/L)	ClO_4[1 7] (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI)[1] (mg/L)	ClO_4[1] (mg/L)
10/01/17	*1.9*				*2.0*				*2.2*				*0.79*			
10/02/17	1.5	1716.92	0.025	530	1.9	1718.31	0.022	770	1.8	1717.75	0.028	1,200	0.64	1714.18	0.036	700
10/03/17	2.1	1722.82			2.5	1720.60			2.4	1721.80			0.91	1720.63		
10/04/17	1.8	1717.75			2.0	1715.45			2.3	1719.34			0.75	1714.12		
10/05/17	2.0	1717.72			2.3	1716.35			2.4	1716.11			0.85	1714.94		
10/06/17[3]	1.6	1717.24			2.0	1715.69			1.9	1717.37			0.74	1713.51		
10/07/17	*1.6*				*2.0*				*1.9*				*0.74*			
10/08/17	*1.6*				*2.0*				*1.9*				*0.74*			
10/09/17	1.6	1720.32	0.023	420	2.0	1717.72	0.021	770	1.7	1720.52	0.027	960	0.59	1715.33	0.035	2,000
10/10/17	2.1	1720.35			2.4	1718.05			2.4	1722.67			0.72	1722.30		
10/11/17	1.8	1717.69			2.0	1716.43			2.0	1717.91			0.79	1721.42		
10/12/17	1.9	1717.46			2.2	1716.55			2.3	1717.94			0.79	1713.62		
10/13/17	1.8	1717.35			2.2	1716.00			2.1	1716.84			0.83	1715.81		
10/14/17	*1.8*				*2.2*				*2.1*				*0.83*			
10/15/17	*1.8*				*2.2*				*2.1*				*0.83*			
10/16/17	2.5	1718.98	0.020	430	2.6	1717.20	0.019	810	1.3	1720.63	0.025	970	0.91	1713.71	0.034	1,800
10/17/17	1.8	1714.40			1.9	1714.94			1.8	1726.56			0.72	1715.10		
10/18/17	2.0	1715.15			2.1	1715.37			2.1	1718.89			0.64	1713.11		
10/19/17	1.8	1714.91			1.9	1716.04			1.5	1719.24			0.37	1723.81		
10/20/17	2.0	1716.54			2.3	1718.11			2.0	1723.93			0.70	1726.85		
10/21/17	*2.0*				*2.3*				*2.0*				*0.70*			
10/22/17	*2.0*				*2.3*				*2.0*				*0.70*			
10/23/17	2.1	1715.94	0.022	480	2.2	1715.30	0.019	700	2.2	1719.91	0.026	870	0.64	1718.63	0.033	2,000
10/24/17	2.0	1714.55			2.1	1715.05			1.9	1717.86			0.75	1720.71		
10/25/17	2.0	1715.64			2.1	1716.07			2.1	1720.41			0.78	1716.04		
10/26/17	2.1	1714.67			2.2	1716.07			2.3	1717.61			0.77	1715.31		
10/27/17	1.9	1713.87			2.1	1715.69			2.2	1716.31			0.74	1715.88		
10/28/17	*1.9*				*2.1*				*2.2*				*0.74*			
10/29/17	*1.9*				*2.1*				*2.2*				*0.74*			
10/30/17	2.0	1715.79	0.020	440	1.9	1715.82	0.018	740	2.0	1716.40	0.026	670	0.64	1717.94	0.035	1,200
10/31/17	2.3	1712.66			2.3	1715.90			2.4	1715.97			0.91	1711.84		
Monthly Average[2]	1.9	1716.76	0.022	457	2.1	1716.49	0.020	758	2.1	1719.18	0.026	933	0.74	1717.03	0.035	1,601

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading.

1: Analytical results are reported from TestAmerica.

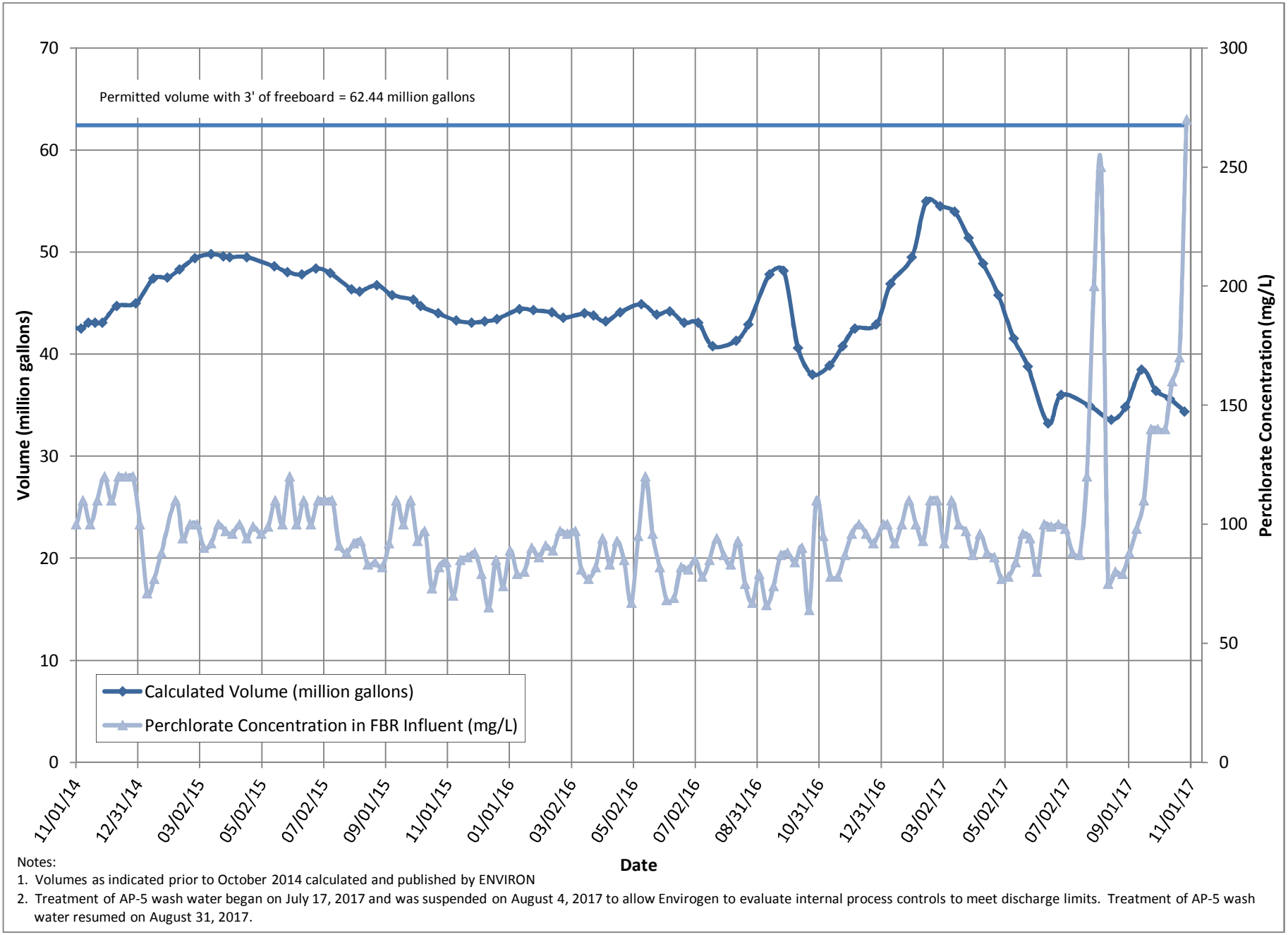
2: All average concentrations reported are monthly flow weighted averages.

3: On 10/06, the extraction system was shut down briefly around 4pm due to ETI maintenance of the tank lines. The system was restarted at approximately 4:30 pm.

6: Duplicates were taken on 10/02 for well E2-3; average of both values is presented for calculation purposes.

7: Duplicates were taken on 10/23 for well E2-4; average of both values is presented for calculation purposes.

Figure 1 - GW-11 Pond Volume and FBR Influent Perchlorate Concentration

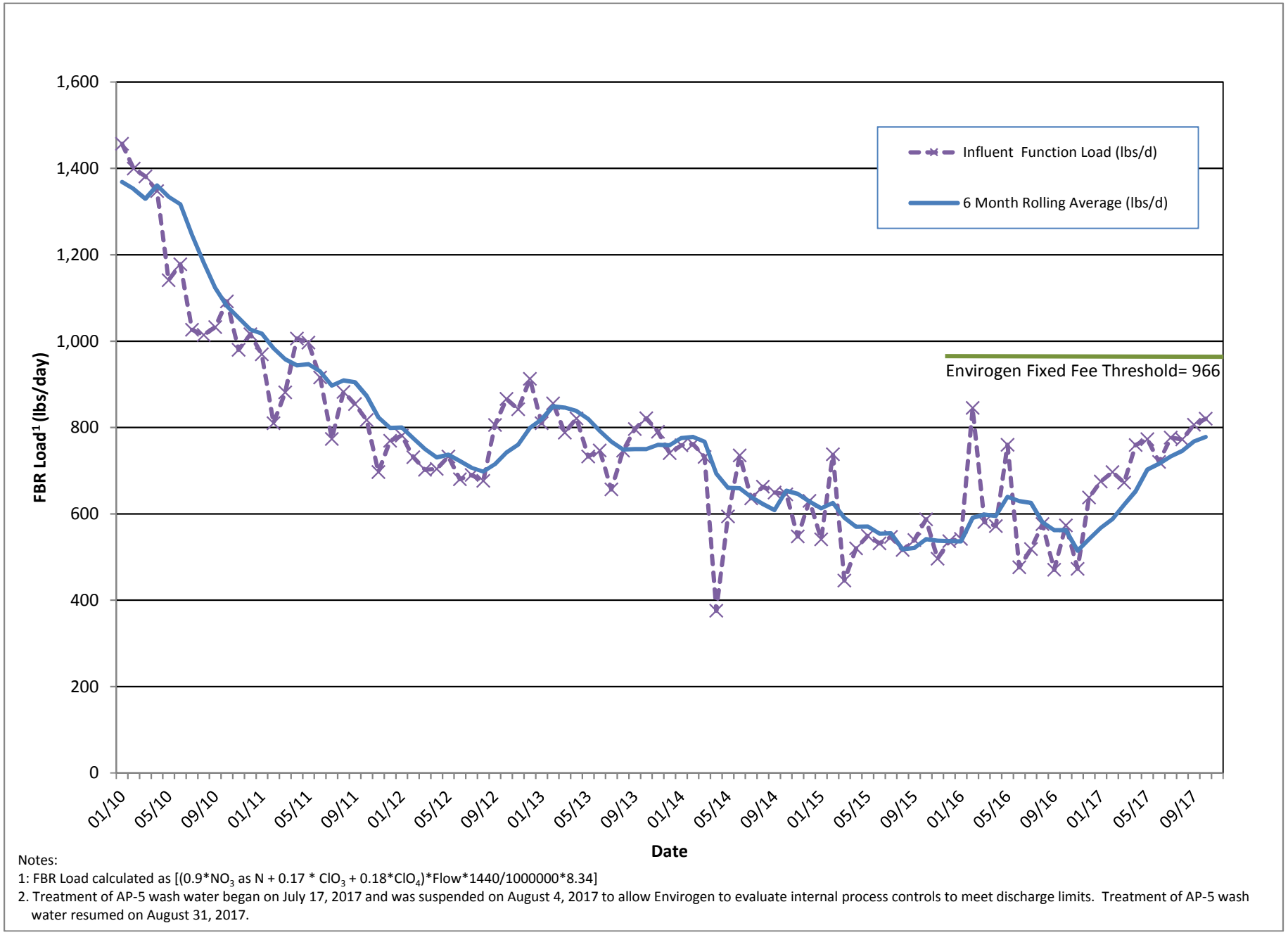


Notes:

1. Volumes as indicated prior to October 2014 calculated and published by ENVIRON
2. Treatment of AP-5 wash water began on July 17, 2017 and was suspended on August 4, 2017 to allow Envirogen to evaluate internal process controls to meet discharge limits. Treatment of AP-5 wash water resumed on August 31, 2017.

Updated: 11/14/2017

Figure 2 - FBR Equivalent Loading Calculation



Notes:

1: FBR Load calculated as [(0.9*NO_3 as N + 0.17 * ClO_3 + 0.18*ClO_4)*Flow*1440/1000000*8.34]

2. Treatment of AP-5 wash water began on July 17, 2017 and was suspended on August 4, 2017 to allow Envirogen to evaluate internal process controls to meet discharge limits. Treatment of AP-5 wash water resumed on August 31, 2017.

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