

Table 1 - Seep Well Field (SWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System 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 ^{5,6} (gpm)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ^{6,7} (gpm)	Water Elevation (ft amsl)	Flow ^{8,9} (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)
06/01/17	538.9	118.8	1539.11	59.7	1542.98	111.8	1541.35	122.9	1536.34	59.7	1545.54	66.7	1546.81	87.5	1546.09	38.9	1547.81	9.7	1520.03
06/02/17	534.4	118.8	1539.06	59.8	1542.96	111.9	1541.32	123.0	1536.31	59.8	1545.52	67.4	1546.79	86.9	1546.07	38.9	1547.79	9.7	1520.02
06/03/17	533.2	119.5	1539.03	59.4	1542.97	111.8	1541.30	123.0	1536.28	60.1	1545.50	67.1	1546.77	88.1	1546.05	39.1	1547.77	9.8	1520.02
06/04/17	531.8	118.3	1538.99	59.5	1542.87	112.0	1541.28	122.4	1536.25	59.5	1545.48	67.1	1546.75	86.4	1546.02	39.4	1547.75	9.7	1520.02
06/05/17 ²	551.0	119.6	1538.97	54.8	1542.90	110.6	1541.26	121.9	1536.23	58.7	1545.46	65.9	1546.73	86.0	1546.00	40.1	1547.73	9.6	1520.01
06/06/17	541.3	118.7	1538.94	59.0	1542.97	111.7	1541.24	122.1	1536.20	59.0	1545.44	66.6	1546.71	86.7	1545.99	38.9	1547.71	9.0	1520.02
06/07/17	542.2	118.3	1538.92	59.5	1542.88	111.3	1541.21	122.4	1536.18	60.2	1545.42	67.1	1546.69	87.8	1545.97	39.4	1547.68	10.4	1520.02
06/08/17	542.0	118.1	1538.90	59.1	1542.92	111.9	1541.20	123.0	1536.16	59.8	1545.40	67.4	1546.68	86.9	1545.95	38.9	1547.67	9.0	1520.02
06/09/17	528.2	118.8	1538.88	59.7	1542.85	111.8	1541.18	122.9	1536.11	59.7	1545.38	66.7	1546.67	87.5	1545.93	38.9	1547.65	9.7	1520.02
06/10/17	539.4	119.5	1538.84	59.4	1542.80	112.5	1541.16	123.7	1536.07	59.4	1545.36	67.1	1546.64	87.4	1545.91	39.1	1547.63	9.8	1520.02
06/11/17	494.5	117.6	1538.80	58.1	1542.98	110.7	1541.14	123.2	1536.03	59.5	1545.34	67.1	1546.62	87.2	1545.89	38.8	1547.61	9.7	1520.01
06/12/17 ²	340.0	119.0	1538.79	55.8	1542.86	112.4	1540.83	123.6	1536.01	58.0	1545.32	67.2	1546.60	87.8	1545.87	40.1	1547.59	9.5	1520.01
06/13/17	542.7	119.0	1538.79	59.5	1542.81	112.7	1540.82	124.6	1535.99	59.5	1545.31	67.2	1546.59	87.5	1545.86	39.2	1547.58	9.8	1520.01
06/14/17	382.8	71.5	1539.49	47.4	1544.73	63.9	1542.16	121.6	1536.53	33.7	1545.90	38.5	1547.25	86.6	1546.29	38.5	1547.92	3.4	1520.01
06/15/17	460.4	129.2	1539.48	69.4	1544.45	111.8	1542.18	73.6	1537.03	60.4	1545.82	56.9	1547.35	55.6	1546.90	23.6	1548.27	2.8	1520.77
06/16/17	488.2	131.3	1538.55	68.8	1543.30	111.1	1542.08	93.1	1537.03	65.3	1545.74	56.9	1547.27	93.1	1546.82	33.3	1548.20	10.4	1520.01
06/17/17	520.5	145.9	1538.37	68.8	1544.47	111.9	1541.97	107.0	1536.86	64.6	1545.63	57.0	1547.18	92.4	1546.73	34.1	1548.12	10.4	1520.01
06/18/17	519.5	146.2	1538.30	67.5	1545.08	112.1	1541.92	106.5	1536.80	64.8	1545.59	57.1	1547.13	93.3	1546.69	33.4	1548.08	10.4	1520.01
06/19/17 ²	528.0	145.5	1538.20	78.6	1541.86	111.6	1541.84	112.5	1536.71	64.6	1545.52	57.0	1547.07	93.0	1546.63	33.6	1548.03	9.9	1520.01
06/20/17	513.2	140.3	1538.20	77.8	1541.93	107.6	1541.83	106.3	1536.70	62.5	1545.51	54.9	1547.06	88.9	1546.64	32.6	1548.02	10.4	1520.01
06/21/17	537.3	147.7	1538.13	81.6	1541.80	112.5	1541.77	113.9	1536.57	65.4	1545.46	57.7	1547.01	94.2	1546.59	33.8	1547.98	9.8	1520.01
06/22/17	546.1	152.7	1536.59	82.6	1541.00	116.6	1540.97	109.0	1536.15	64.5	1545.29	56.9	1546.87	92.3	1546.49	34.0	1547.89	10.4	1520.02
06/23/17	571.7	167.8	1536.48	85.7	1540.90	129.5	1540.91	103.1	1536.12	65.5	1545.23	57.1	1546.82	93.3	1546.43	33.4	1547.84	9.7	1520.01
06/24/17 ³	511.1	147.5	1536.72	75.5	1541.32	112.9	1541.06	98.3	1536.26	56.8	1545.37	49.9	1546.95	81.0	1546.56	29.8	1547.95	9.0	1520.01
06/25/17	576.8	165.3	1536.48	85.0	1541.08	127.6	1540.88	106.3	1536.09	63.8	1545.22	56.2	1546.80	91.9	1546.41	33.6	1547.82	9.6	1520.01
06/26/17 ²	591.6	167.4	1536.37	86.8	1541.07	129.0	1540.82	115.8	1535.95	64.7	1545.16	57.0	1546.74	92.6	1546.36	33.8	1547.77	10.0	1520.01
06/27/17	579.1	168.8	1536.33	86.1	1541.43	130.3	1540.79	116.2	1535.89	65.1	1545.13	56.7	1546.71	93.8	1546.32	34.3	1547.74	9.8	1520.02
06/28/17	584.5	166.3	1536.29	84.9	1541.26	127.7	1540.75	115.3	1535.84	63.5	1545.09	56.6	1546.68	91.8	1546.30	33.8	1547.71	9.7	1520.01
06/29/17	567.6	167.0	1536.29	85.2	1541.19	128.9	1540.76	100.5	1535.98	64.4	1545.10	56.8	1546.68	92.2	1546.29	33.3	1547.71	9.7	1520.01
06/30/17	569.4	169.0	1536.21	85.6	1541.19	129.7	1540.66	103.8	1535.93	65.2	1544.95	67.3	1546.37	93.3	1546.17	34.4	1547.63	9.8	1520.01
Monthly Average	526.9	135.8	1538.08	69.4	1542.53	114.3	1541.29	113.4	1536.29	60.9	1545.41	60.7	1546.83	88.4	1546.27	35.8	1547.82	9.4	1520.04
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 (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate	17	6/13/2017	20	6/13/2017	16	6/13/2017	7.8	6/13/2017	7.4	6/13/2017	1.7	6/13/2017	0.18	6/13/2017	0.19	6/13/2017	0.82	6/13/2017	
Hexavalent Chromium	0.0011	6/13/2017	ND	6/13/2017	ND	6/13/2017	0.0020	6/13/2017	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	
Total Chromium	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	0.0040 J	6/13/2017	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	ND	6/13/2017	

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 RL but greater than or equal to the MDL and the concentration is an approximate value. Indicates an Estimated Value for TICs.
- 1: Analytical results are reported from TestAmerica.
- 2: On 06/05, 06/12, 06/19, and 06/26, SWF and LS #1 totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
- 3: On 06/24, there was a communication loss with SWF and LS #1 totalizers. Flows were unchanged.
- 4: On 06/09, LS #1 down from 5:00 am to 5:30 am due to high winds.
- 5: On 06/11, LS #1 down due to high winds at 10:00 pm, back online 06/12 at 7:43 am.
- 6: On 06/14, wells PC-116R, PC-99R/R3, PC-115R, PC-118, and PC-119 down due to LS #1 upgrades.
- 7: On 06/22, well PC-115R offline from 1:58 pm to 3:09 pm due to electrical issue.
- 8: On 06/15, wells PC-117, PC-120, PC-121, and PC-133 down due to LS #1 upgrades.
- 9: From 06/22-06/24 and 06/29-06/30, well PC-117 offline intermittently due to electrical issue.
- 10: Duplicates taken on 06/13 for well PC-121; average of both values is presented and used for calculation

Table 2 - Athens Well Field (AWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																		
Date	LS #3 Flow ^a (gpm)	ART-1/1A		ART-2/2A		ART-3/3A		ART-4/4A		ART-9		ART-7A/7B		ART-8/8A		PC-150		
		Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (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 ^a (gpm)	Water Elevation (ft amsl)	
06/01/17	384.7	44.4	1585.50	109.7	1585.17	27.8	1583.54	2.1	< 1575.00	47.9	1577.34	20.1	1580.08	175.7	1584.92	1.5	1583.52	
06/02/17	381.5	45.2	1585.43	109.8	1585.11	27.1	1583.52	2.8	< 1575.00	43.1	1579.64	20.2	1580.00	175.8	1584.86	1.5	1584.00	
06/03/17	342.4	42.6	1586.14	106.9	1585.99	27.3	1583.97	2.8	< 1575.00	44.0	1581.36	20.3	1580.50	138.4	1582.64	1.5	1583.47	
06/04/17	300.1	44.3	1586.44	110.0	1586.28	29.0	1584.18	2.8	< 1575.00	49.8	1581.10	19.4	1580.58	87.8	1582.92	1.5	1583.49	
06/05/17 ³	387.0	44.9	1585.90	108.2	1585.57	28.1	1583.85	2.7	< 1575.00	47.1	1581.01	20.5	1580.08	179.3	1585.29	1.5	1583.53	
06/06/17	385.1	44.4	1585.59	107.6	1585.26	27.8	1583.63	4.9	< 1575.00	49.3	1581.01	18.7	1579.61	179.7	1585.00	1.5	1583.53	
06/07/17	385.2	45.6	1585.42	109.3	1585.10	27.0	1583.51	2.1	< 1575.00	50.5	1580.86	21.4	1579.97	179.8	1584.86	1.5	1583.51	
06/08/17	377.3	44.5	1585.48	109.1	1585.18	27.1	1583.57	6.3	< 1575.00	50.0	1580.83	19.5	1580.15	173.0	1585.02	1.5	1583.35	
06/09/17	357.9	45.1	1585.35	109.0	1585.03	27.0	1583.47	5.6	< 1575.00	50.0	1580.78	20.1	1579.89	170.8	1584.79	1.5	1583.44	
06/10/17	365.5	44.7	1585.30	109.0	1584.97	26.6	1583.43	4.9	< 1575.00	50.3	1580.30	20.3	1579.89	181.0	1584.74	1.5	1583.33	
06/11/17	335.1	42.9	NM	107.3	1585.62	25.6	1583.68	4.8	< 1575.00	49.8	1580.08	20.1	1579.65	175.1	1582.22	1.5	1585.34	
06/12/17 ³	391.0	45.7	1585.77	108.0	1585.11	22.8	1583.49	6.9	< 1575.00	51.7	1580.25	21.9	1579.97	178.5	1584.86	1.5	1583.33	
06/13/17	384.5	44.8	1585.26	108.5	1584.93	26.6	1583.36	4.9	< 1575.00	49.7	1579.60	19.6	1580.10	180.0	1584.70	1.5	1583.37	
06/14/17	383.5	45.4	1585.21	108.6	1584.89	26.8	1583.33	4.8	< 1575.00	50.2	1579.63	19.9	1580.11	179.4	1584.66	1.5	1583.33	
06/15/17	380.6	44.4	1585.17	108.3	1584.85	25.7	1583.31	5.6	< 1575.00	50.0	1580.75	20.1	1580.26	179.9	1584.63	1.5	1583.46	
06/16/17	378.5	44.4	1585.14	108.3	1584.82	26.4	1583.28	5.6	< 1575.00	50.0	1581.10	20.1	1580.21	179.9	1584.60	1.5	1583.35	
06/17/17	375.3	44.5	1585.11	108.4	1584.78	25.7	1583.26	5.6	< 1575.00	50.0	1581.54	20.2	1580.82	180.0	1584.57	1.5	1583.42	
06/18/17	363.5	43.9	1585.11	107.9	1584.79	25.8	1583.26	5.6	< 1575.00	50.1	1582.24	19.5	1581.17	173.4	1584.57	1.5	1583.33	
06/19/17 ³	360.0	43.9	1585.06	107.8	1584.74	21.8	1583.22	4.3	< 1575.00	51.7	1582.24	23.0	1581.43	181.6	1584.52	1.5	1583.47	
06/20/17	373.6	44.4	1585.02	107.6	1584.70	25.7	1583.20	5.6	< 1575.00	50.0	1582.18	20.8	1580.87	179.9	1584.49	1.5	1583.36	
06/21/17	374.1	44.3	1585.00	108.3	1584.67	25.3	1583.17	4.9	< 1575.00	49.9	1582.28	19.7	1580.75	179.3	1584.47	1.5	1583.38	
06/22/17	374.7	44.4	1584.97	107.6	1584.65	25.7	1583.15	5.6	< 1575.00	50.0	1582.13	19.4	1581.00	180.4	1584.44	1.5	1583.37	
06/23/17	378.1	44.6	1584.94	108.6	1584.62	25.1	1583.13	4.9	< 1575.00	50.1	1581.78	20.9	1580.90	180.4	1584.42	1.5	1583.34	
06/24/17	368.4	43.6	1585.06	106.6	1584.74	24.9	1583.22	5.5	< 1575.00	49.9	1582.29	19.4	1582.08	177.3	1584.55	1.5	1583.36	
06/25/17	373.1	43.9	1584.90	107.7	1584.58	25.4	1583.05	5.5	< 1575.00	50.1	1582.35	20.6	1580.97	180.4	1584.38	1.5	1583.38	
06/26/17 ³	388.9	44.8	1584.87	110.2	1584.55	27.6	1583.03	6.4	< 1575.00	47.7	1581.86	22.9	1580.75	178.6	1584.35	1.5	1583.41	
06/27/17	404.2	44.1	1584.85	107.8	1584.53	25.2	1583.02	5.6	< 1575.00	50.4	1581.92	20.3	1580.50	180.0	1584.34	1.5	1583.39	
06/28/17	376.1	44.2	1584.83	107.7	1584.50	24.8	1583.00	4.8	< 1575.00	49.7	1581.79	20.0	1580.53	180.1	1584.31	1.5	1583.42	
06/29/17	399.9	44.4	1584.55	138.6	1583.70	24.9	1582.87	4.9	< 1575.00	49.9	1581.54	20.1	1580.37	179.5	1584.08	1.5	1583.41	
06/30/17	413.7	44.2	1584.41	156.4	1583.56	23.8	1582.76	4.9	< 1575.00	50.5	1581.42	19.6	1579.93	180.9	1583.95	1.5	1584.81	
Monthly Average	374.8	44.4	1585.23	111.0	1584.90	26.0	1583.35	4.8	< 1575.00	49.4	1581.11	20.3	1580.44	174.2	1584.41	1.5	1583.54	
Analytical ¹	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc ² (mg/L)		Date
Perchlorate	20	6/15/2017	17	6/15/2017	210	6/15/2017	220	6/15/2017	240	6/15/2017	120	6/15/2017	98	6/15/2017	145	6/15/2017		
Hexavalent Chromium	ND	6/15/2017	0.0033	6/15/2017	0.33	6/15/2017	0.30	6/15/2017	0.70	6/15/2017	0.55	6/15/2017	0.091	6/15/2017	0.15	6/15/2017		
Total Chromium	ND	6/15/2017	0.0044	6/15/2017	0.33	6/15/2017	0.29	6/15/2017	0.71	6/15/2017	0.51	6/15/2017	0.092	6/15/2017	0.16	6/15/2017		

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 NM = No measurement.
 ND = Not detected above laboratory method detection limit (ClO₂ = 0.5 ug/L; ClO₂ = 10 ug/L; NO₂-N = 0.055 mg/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.
 ART-1, 2, 3, 4, 7B, and 8 have adjacent recovery wells - "Buddy Wells" - designated by the letter "A". The wells with transducers are ART-1A, -2A, -3A, -4, -7B, -8A, -9, and PC-150.
 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 06/05, 06/12, 06/19, and 06/26, AWF and LS #3 totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
 4: On 06/09, LS #3 down from 5:00 am to 5:30 am due to high winds.
 5: On 06/11, LS #3 down due to high winds at 10:00 pm, back online 06/12 at 7:43 am.
 6: From 06/30-07/02, conducted periodic bucket tests for PC-150 to confirm flow rates. Average flow of 1.5 gpm determined from flow tests is presented for 06/01-06/30 flows and used for calculation purposes. Flow was steady throughout June but the totalizer showed zero flow because totalizer units are 1,000 gallons.
 7: Duplicates taken on 06/15 for well PC-150; average of both values is presented and used for calculation purposes.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System 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 ⁴ (gpm)	Water Elevation ² (ft amsl)	Flow ⁴ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{5,6} (gpm)	Water Elevation (ft amsl)	Flow ^{7,8} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
06/01/17	0.35	< 1714.00	1.0	1721.54	0.00	1721.76	0.00	1723.42	0.00	1725.10	0.81	1709.78	4.4	1714.00	2.8	1722.31	1.9	1708.16	4.5	1715.40
06/02/17	0.34	< 1714.00	1.0	1721.45	0.00	1721.73	0.00	1723.42	0.00	1725.10	0.82	1709.75	4.5	1713.62	2.8	1722.25	1.8	1708.16	4.7	1715.35
06/03/17	0.31	< 1714.00	1.1	1721.36	0.00	1721.71	0.00	1723.43	0.00	1725.10	0.80	1709.78	4.5	1713.28	2.8	1722.21	1.8	1708.17	4.7	1715.33
06/04/17	0.26	< 1714.00	1.0	1721.16	0.00	1721.68	0.00	1723.43	0.00	1725.11	0.79	1709.87	4.2	1713.15	2.8	1722.17	1.7	1708.17	4.7	1715.33
06/05/17 ³	0.23	< 1714.00	1.0	1720.84	0.00	1721.66	0.00	1723.43	0.00	1725.10	2.1	1709.65	4.0	1713.02	2.8	1722.13	1.8	1708.17	4.5	1715.34
06/06/17	0.23	< 1714.00	0.99	1720.83	0.00	1721.63	0.00	1723.43	0.00	1725.10	0.73	1709.70	4.2	1712.79	2.8	1722.10	1.7	1708.17	4.5	1715.36
06/07/17	0.21	< 1714.00	0.98	1720.52	0.00	1721.61	0.00	1723.43	0.00	1725.10	0.75	1709.75	4.2	1712.58	2.8	1722.08	1.7	1708.16	4.5	1715.22
06/08/17	0.19	< 1714.00	0.97	1720.29	0.00	1721.60	0.00	1723.44	0.00	1725.11	0.77	1709.77	4.1	1712.46	2.8	1722.05	1.7	1708.17	4.5	1715.15
06/09/17	0.18	< 1714.00	0.98	1719.90	0.00	1721.59	0.00	1723.46	0.00	1725.13	0.76	1709.78	4.2	1712.49	2.7	1722.02	1.7	1708.17	4.5	1715.10
06/10/17	0.17	< 1714.00	0.97	1719.74	0.00	1721.61	0.00	1723.46	0.00	1725.12	0.79	1709.81	4.3	1713.74	2.7	1722.00	1.7	1708.17	4.5	1715.07
06/11/17	0.17	< 1714.00	0.98	1719.67	0.00	1721.61	0.00	1723.44	0.00	1725.12	0.80	1709.80	4.2	1712.74	2.6	1721.98	1.7	1708.17	4.5	1715.02
06/12/17 ³	0.18	< 1714.00	0.97	1719.65	0.00	1721.61	0.00	1723.42	0.00	1725.11	0.78	1709.82	4.4	1714.56	2.7	1721.99	1.7	1708.17	4.5	1714.99
06/13/17	0.17	< 1714.00	0.96	1719.57	0.00	1721.59	0.00	1723.43	0.00	1725.11	0.78	1709.82	4.3	1714.66	2.6	1721.98	1.7	1708.17	4.5	1714.96
06/14/17	0.14	< 1714.00	0.95	1719.37	0.00	1721.59	0.01	1723.44	0.00	1725.12	0.78	1709.83	4.2	1715.16	2.6	1721.97	1.7	1708.17	4.5	1714.94
06/15/17	0.13	< 1714.00	0.95	1719.31	0.00	1721.61	0.00	1723.46	0.00	1725.13	0.79	1709.85	4.0	1715.39	2.6	1721.98	1.7	1708.17	4.5	1714.92
06/16/17	0.13	< 1714.00	0.94	1719.31	0.00	1721.60	0.00	1723.47	0.00	1725.14	0.77	1709.86	3.9	1715.48	2.6	1721.97	1.6	1708.18	4.5	1714.91
06/17/17	0.12	< 1714.00	0.94	1719.23	0.00	1721.60	0.00	1723.49	0.00	1725.15	0.78	1709.87	3.7	1715.65	2.6	1721.97	1.6	1708.17	4.5	1714.90
06/18/17	0.10	< 1714.00	0.94	1719.12	0.00	1721.58	0.00	1723.49	0.00	1725.14	0.78	1709.87	3.5	1715.83	2.5	1721.96	1.6	1708.17	4.5	1714.87
06/19/17 ³	0.10	< 1714.00	0.93	1718.85	0.00	1721.53	0.00	1723.48	0.00	1725.14	0.73	1709.86	3.5	1715.87	2.5	1721.96	1.6	1708.17	4.4	1714.86
06/20/17	0.09	< 1714.00	0.88	1719.54	0.00	1721.55	0.00	1723.49	0.00	1725.15	0.73	1709.82	2.8	1718.78	2.5	1722.01	1.6	1708.19	4.5	1714.87
06/21/17	0.08	< 1714.00	0.84	1719.48	0.00	1721.51	0.00	1723.50	0.00	1725.16	0.68	1709.67	3.0	1712.48	2.4	1722.00	1.6	1708.19	4.5	1714.84
06/22/17	0.07	< 1714.00	0.84	1719.48	0.00	1721.49	0.00	1723.49	0.00	1725.16	0.68	1709.81	3.9	1712.12	2.4	1721.94	1.6	1708.18	4.4	1714.82
06/23/17	0.07	< 1714.00	0.81	1719.70	0.00	1721.48	0.00	1723.48	0.00	1725.15	0.68	1709.77	3.8	1711.77	2.4	1721.91	1.6	1708.20	4.5	1714.81
06/24/17	0.06	< 1714.00	0.58	1719.95	0.00	1721.48	0.00	1723.48	0.00	1725.15	0.68	1709.75	3.8	1711.76	2.3	1721.89	1.6	1708.19	4.5	1714.81
06/25/17	0.06	< 1714.00	0.94	1719.93	0.00	1721.47	0.00	1723.47	0.00	1725.15	0.68	1709.63	3.7	1711.60	2.3	1721.87	1.6	1708.19	4.5	1714.82
06/26/17 ³	0.05	< 1714.00	0.75	1720.07	0.00	1721.47	0.00	1723.48	0.00	1725.15	0.83	1709.77	3.8	1711.59	2.3	1721.85	1.8	1708.19	4.4	1714.86
06/27/17	0.05	< 1714.00	0.73	1720.15	0.00	1721.46	0.00	1723.49	0.00	1725.15	0.68	1709.64	3.7	1711.56	2.3	1721.84	1.6	1708.19	4.4	1714.89
06/28/17	0.05	< 1714.00	0.72	1720.11	0.00	1721.43	0.00	1723.49	0.00	1725.16	0.65	1709.81	3.7	1711.55	2.3	1721.84	1.6	1708.19	4.5	1714.91
06/29/17	0.02	< 1714.00	0.50	1720.71	0.00	1721.57	0.00	1723.47	0.00	1725.15	0.57	1709.83	2.5	1716.94	2.2	1721.94	1.6	1708.19	4.5	1714.87
06/30/17	0.04	< 1714.00	0.76	1719.60	0.00	1721.48	0.00	1723.48	0.00	1725.15	0.74	1709.83	3.4	1716.90	2.2	1721.97	1.6	1708.20	4.5	1714.87
Monthly Average	0.14	< 1714.00	0.90	1720.01	0.00	1721.58	0.00	1723.46	0.00	1725.13	0.79	1709.79	3.9	1713.78	2.6	1722.00	1.7	1708.18	4.5	1715.01
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 (mg/L)	Date	Conc (mg/L)	Date	Conc ⁹ (mg/L)	Date
Perchlorate	870	6/19/2017	100	6/20/2017	200	6/20/2017	240	6/14/2017	150	6/14/2017	340	6/20/2017	720	6/20/2017	680	6/20/2017	560	6/20/2017	750	6/20/2017
Hexavalent Chromium	ND	6/19/2017	0.045	6/20/2017	ND	6/20/2017	2.0	6/14/2017	1.2	6/14/2017	0.039	6/20/2017	1.8	6/20/2017	4.8	6/20/2017	5.9	6/20/2017	11	6/20/2017
Total Chromium	0.16	6/19/2017	0.045	6/20/2017	0.012	6/20/2017	2.0	6/14/2017	1.2	6/14/2017	0.044	6/20/2017	2.0	6/20/2017	4.8	6/20/2017	6.2	6/20/2017	11	6/20/2017

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: On 06/05, 06/12, 06/19, and 06/26 IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
 4: On 06/29, I-AR, I-AA, I-B, I-C, I-L, I-R, I-S, and I-Y down from 6:07 am to 11:30 am due to maintenance.
 5: On 06/07, I-B, I-G, I-O, I-U, I-X, and I-Y adjusted to meet flow target as directed by the Trust.
 6: On 06/20, I-B, I-L, and I-Y adjusted to meet flow target as directed by the Trust.
 7: On 06/01, I-C, I-G, I-L, I-M, I-O, I-S, I-X, and I-Y adjusted to meet flow target as directed by the Trust.
 8: On 06/21, I-C, I-M, I-S, and I-X adjusted to meet flow target as directed by the Trust.
 9: Duplicates taken on 06/20 for well I-F; average of both values is presented and used for calculation purposes.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System 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 ^{3,7} (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 ^{4,6,7} (gpm)	Water Elevation (ft amsl)	Flow ^{7,8} (gpm)	Water Elevation ² (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{3,7} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
06/01/17	0.07	< 1710.00	1.3	1714.17	5.2	1721.83	6.6	1707.04	3.5	1710.93	1.8	1711.50	1.7	< 1710.00	4.2	1719.96	0.35	1721.56	2.0	1720.68
06/02/17	0.04	< 1710.00	1.3	1714.74	5.1	1721.83	6.6	1707.05	3.5	1710.92	2.0	1711.48	2.1	< 1710.00	4.2	1719.90	0.27	1721.59	2.0	1720.68
06/03/17	0.03	< 1710.00	1.3	1715.07	5.0	1721.84	6.6	1707.05	3.5	1710.96	2.0	1711.48	2.1	< 1710.00	4.2	1719.87	0.24	1721.61	1.9	1720.73
06/04/17	0.00	< 1710.00	1.3	1716.12	4.9	1721.83	6.6	1707.05	3.3	1710.96	1.9	1711.51	1.9	< 1710.00	4.2	1719.86	0.21	1721.63	1.9	1720.75
06/05/17 ³	0.06	1713.88	1.3	1717.20	4.8	1721.84	6.5	1707.05	3.5	1711.01	2.0	1711.49	1.9	< 1710.00	4.2	1719.86	0.18	1721.65	1.8	1720.78
06/06/17	0.05	1710.18	1.2	1717.36	4.8	1721.84	6.5	1707.05	3.5	1711.00	1.9	1711.84	1.9	< 1710.00	4.2	1719.87	0.19	1726.95	1.8	1720.82
06/07/17	0.05	< 1710.00	1.3	1717.44	4.9	1721.83	6.5	1707.05	3.5	1710.99	1.9	1711.50	1.9	< 1710.00	4.2	1719.78	0.33	1728.72	1.8	1720.79
06/08/17	0.06	1712.77	1.3	1717.57	4.9	1721.83	6.5	1707.06	3.5	1711.03	1.9	1712.10	1.9	< 1710.00	4.2	1719.70	0.40	1730.15	1.8	1720.80
06/09/17	0.07	1714.51	1.3	1717.66	4.9	1721.84	6.5	1707.05	3.5	1711.10	1.8	1711.56	1.9	< 1710.00	4.2	1719.66	0.39	1731.09	1.8	1720.83
06/10/17	0.06	1715.11	1.3	1717.72	4.9	1721.84	6.5	1707.06	3.5	1711.08	1.9	1711.51	1.8	< 1710.00	4.2	1719.63	0.43	1731.87	1.8	1720.84
06/11/17	0.05	1716.21	1.3	1717.87	4.9	1721.82	6.5	1707.05	3.5	1711.04	1.9	1711.56	1.8	< 1710.00	4.2	1719.58	0.41	1734.72	1.8	1720.90
06/12/17 ³	0.05	1716.15	1.4	1718.13	5.0	1721.87	6.7	1707.05	3.5	1711.00	2.0	1711.50	1.8	< 1710.00	4.2	1719.55	0.38	1731.74	1.8	1720.94
06/13/17	0.04	1715.61	1.3	1718.20	5.0	1721.85	6.5	1707.05	3.4	1713.90	1.9	1711.48	1.8	< 1710.00	4.2	1719.53	0.37	1722.64	1.8	1720.96
06/14/17	0.04	1714.82	1.2	1718.27	5.0	1721.85	6.5	1707.05	3.2	1713.92	1.9	1712.11	1.8	< 1710.00	4.2	1719.51	0.34	1723.23	1.8	1720.97
06/15/17	0.04	1714.89	1.3	1718.39	4.9	1721.86	6.5	1707.05	3.3	1713.95	1.8	1713.47	1.8	< 1710.00	4.2	1719.48	0.32	1723.42	1.7	1720.98
06/16/17	0.05	1715.52	1.2	1718.50	4.9	1721.86	6.6	1707.05	3.3	1714.08	1.8	1713.49	1.7	< 1710.00	4.2	1719.47	0.27	1723.67	1.7	1720.96
06/17/17	0.05	1714.67	1.2	1718.53	4.9	1721.87	6.6	1707.05	3.3	1714.14	1.8	1713.64	1.7	< 1710.00	4.2	1719.46	0.28	1715.93	1.6	1720.97
06/18/17	0.05	1714.47	1.1	1718.56	4.9	1721.86	6.6	1707.05	3.3	1714.12	1.9	1711.49	1.7	< 1710.00	4.2	1719.43	0.26	1716.18	1.6	1720.97
06/19/17 ³	0.04	1714.76	1.0	1718.62	4.9	1721.86	6.4	1707.05	3.2	1714.11	2.1	1711.51	1.7	< 1710.00	4.1	1719.42	0.27	1716.12	1.7	1720.96
06/20/17	0.04	1714.88	1.0	1718.66	4.9	1721.86	6.5	1707.05	3.2	1714.36	1.9	1711.50	1.6	< 1710.00	4.1	1719.42	0.28	1713.73	1.7	1720.97
06/21/17	0.04	1713.69	0.99	1718.77	4.9	1721.87	6.5	1707.06	3.2	1714.17	1.9	1711.49	1.7	< 1710.00	4.2	1719.40	0.28	1717.77	1.6	1720.99
06/22/17	0.04	1715.11	0.98	1718.78	4.9	1721.86	6.5	1707.06	3.2	1714.18	1.9	1711.48	2.0	< 1710.00	4.1	1719.39	0.27	1717.99	1.6	1720.99
06/23/17	0.04	1711.95	0.96	1718.81	4.9	1721.86	6.6	1707.07	3.3	1714.16	1.9	1712.33	2.0	< 1710.00	4.1	1719.38	0.25	1722.22	1.6	1720.98
06/24/17	0.04	< 1710.00	0.95	1719.11	4.9	1721.86	6.6	1707.07	3.3	1714.15	1.8	1713.59	1.9	< 1710.00	4.1	1719.37	0.26	1722.23	1.7	1720.99
06/25/17	0.04	< 1710.00	0.93	1719.15	4.9	1721.85	6.5	1707.07	3.3	1714.12	1.7	1714.04	1.9	< 1710.00	3.9	1719.54	0.25	1722.24	1.6	1720.99
06/26/17 ³	0.04	< 1710.00	0.95	1719.19	5.0	1721.87	6.4	1707.07	3.2	1714.13	1.7	1714.81	1.9	< 1710.00	3.8	1719.58	0.22	1722.23	1.6	1721.01
06/27/17	0.09	1716.71	0.98	1719.24	4.9	1721.89	6.5	1707.07	3.2	1714.19	1.6	1714.40	1.9	< 1710.00	3.7	1719.62	0.20	1722.22	1.6	1721.05
06/28/17	0.19	1716.26	1.0	1719.64	4.9	1721.90	6.5	1707.07	3.2	1714.11	1.6	1714.64	1.7	< 1710.00	3.7	1719.64	0.13	1721.88	1.6	1721.09
06/29/17	0.18	1716.47	1.0	1719.71	4.9	1721.92	6.5	1707.08	3.2	1714.13	1.1	1711.47	1.6	< 1710.00	4.1	1719.35	0.19	1721.64	1.6	1721.09
06/30/17	0.17	1716.33	1.0	1719.62	4.9	1721.90	6.6	1707.08	3.3	1714.19	1.9	1712.15	1.6	< 1710.00	4.2	1719.34	0.34	1721.55	1.6	1721.07
Monthly Average	0.06	1713.50	1.2	1718.03	4.9	1721.86	6.5	1707.06	3.4	1712.87	1.8	1712.27	1.8	1710.00	4.1	1719.59	0.28	1723.01	1.7	1720.92
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 (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	1,400	6/19/2017	1,300	6/19/2017	910	6/14/2017	360	6/14/2017	270	6/14/2017	890	6/20/2017	700	6/20/2017	610	6/20/2017	900	6/19/2017	1,100	6/19/2017
Hexavalent Chromium	19	6/19/2017	15	6/19/2017	12	6/14/2017	3.7	6/14/2017	2.1	6/14/2017	0.28	6/20/2017	6.1	6/20/2017	5.4	6/20/2017	16	6/19/2017	16	6/19/2017
Total Chromium	19	6/19/2017	15	6/19/2017	11	6/14/2017	3.8	6/14/2017	2.2	6/14/2017	0.29	6/20/2017	6.2	6/20/2017	6.5	6/20/2017	17	6/19/2017	17	6/19/2017

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
 - Analytical results are reported from TestAmerica.
 - 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.
 - On 06/05, 06/12, 06/19, and 06/26 IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
 - On 06/29, I-AR, I-AA, I-B, I-C, I-L, I-R, I-S, and I-Y down from 6:07 am to 11:30 am due to maintenance.
 - On 06/07, I-B, I-G, I-O, I-U, I-X, and I-Y adjusted to meet flow target as directed by the Trust.
 - On 06/20, I-B, I-L, and I-Y adjusted to meet flow target as directed by the Trust.
 - On 06/01, I-C, I-G, I-L, I-M, I-O, I-S, I-X, and I-Y adjusted to meet flow target as directed by the Trust.
 - On 06/21, I-C, I-M, I-S, and I-X adjusted to meet flow target as directed by the Trust.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System 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 (gpm)	Water Elevation (ft amsl)	Flow ⁴ (gpm)	Water Elevation (ft amsl)	Flow ^{4,7,8} (gpm)	Water Elevation ² (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{5,9} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{2,7,8} (gpm)	Water Elevation (ft amsl)	Flow ^{3,5,6,7} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation ² (ft amsl)
06/01/17	0.64	1716.92	1.8	1713.55	4.8	1715.50	0.50	1711.95	0.89	1707.36	4.4	1719.36	0.97	1718.32	2.0	1716.37	1.8	1705.01	7.7	< 1710.00
06/02/17	0.64	1716.96	1.8	1713.60	4.8	1715.65	0.51	1710.97	0.89	1707.36	4.2	1719.35	1.00	1717.51	2.0	1716.81	1.7	1707.97	7.7	< 1710.00
06/03/17	0.64	1716.92	1.6	1714.01	4.7	1715.29	0.53	1711.39	0.88	1707.36	4.2	1719.36	0.95	1717.85	1.9	1717.10	1.7	1705.01	7.5	< 1710.00
06/04/17	0.64	1716.88	1.6	1712.51	4.7	1716.14	0.50	1711.59	0.92	1707.36	4.2	1719.37	0.94	1718.37	1.7	1717.40	1.7	1705.01	7.5	< 1710.00
06/05/17 ⁹	0.63	1716.94	1.6	1711.45	4.5	1715.39	0.51	1711.08	0.91	1707.35	4.3	1719.38	0.95	1718.44	3.3	1717.54	2.3	1705.07	7.6	< 1710.00
06/06/17	0.64	1716.95	1.6	1710.68	4.5	1714.49	0.52	1710.37	0.90	1707.36	4.3	1719.38	0.96	1718.47	1.6	1717.70	1.7	1705.01	7.6	< 1710.00
06/07/17	0.64	1716.91	1.6	1711.64	4.5	1713.98	0.53	1710.03	0.90	1707.34	4.3	1719.35	0.96	1718.10	1.9	1716.03	1.7	1705.01	7.5	< 1710.00
06/08/17	0.64	1716.91	1.5	1710.86	4.4	1714.45	0.52	1710.72	0.90	1707.34	4.3	1719.35	0.95	1718.30	2.1	1716.04	1.4	1705.01	7.6	< 1710.00
06/09/17	0.64	1716.83	1.6	1716.02	4.3	1714.62	0.51	1710.72	0.90	1707.34	4.3	1719.37	0.96	1718.42	2.1	1716.17	1.7	1705.01	7.6	< 1710.00
06/10/17	0.64	1716.75	1.2	1716.92	4.3	1715.22	0.52	1710.27	0.90	1707.34	4.4	1719.36	0.95	1718.47	2.0	1716.16	1.7	1705.01	7.8	< 1710.00
06/11/17	0.64	1716.96	1.2	1716.99	4.2	1716.49	0.54	1709.68	0.90	1707.33	4.4	1719.35	0.93	1719.14	2.0	1716.12	1.7	1706.47	7.8	< 1710.00
06/12/17 ⁹	0.63	1716.71	1.6	1715.52	4.2	1718.06	0.54	1709.23	0.88	1707.34	4.4	1719.40	0.93	1718.64	4.1	1716.03	1.6	1705.01	7.9	< 1710.00
06/13/17	0.64	1716.74	1.6	1716.21	4.1	1717.83	0.52	1710.24	0.90	1707.33	4.3	1719.38	0.94	1718.69	2.0	1716.02	1.7	1705.01	7.9	< 1710.00
06/14/17	0.63	1716.79	1.5	1716.99	4.1	1717.56	0.54	1708.68	0.90	1707.33	4.3	1719.40	0.93	1718.72	2.0	1716.05	1.7	1721.79	7.7	< 1710.00
06/15/17	0.62	1716.81	1.3	1716.91	4.1	1719.11	0.55	1708.76	0.90	1707.33	4.3	1719.40	0.93	1718.72	2.0	1716.03	1.3	1705.01	7.6	< 1710.00
06/16/17	0.62	1716.74	1.2	1717.09	4.1	1719.04	0.54	1709.57	0.90	1707.33	4.3	1719.41	0.97	1717.63	2.0	1716.08	1.8	1705.01	7.6	< 1710.00
06/17/17	0.62	1716.75	1.1	1717.88	4.1	1719.14	0.54	1709.65	0.90	1707.34	4.4	1719.42	1.0	1718.08	1.9	1716.09	1.8	1705.01	7.5	< 1710.00
06/18/17	0.62	1716.73	1.2	1712.65	4.0	1718.84	0.53	1709.72	0.90	1707.33	4.4	1719.41	1.00	1718.07	2.0	1716.05	1.8	1705.01	7.5	< 1710.00
06/19/17 ⁹	0.56	1714.16	1.4	1713.37	4.0	1718.50	0.53	1709.63	0.90	1707.37	4.4	1719.41	1.0	1717.13	3.9	1716.04	1.7	1706.93	7.4	< 1710.00
06/20/17	0.56	1714.07	1.3	1710.73	4.0	1718.60	0.52	1710.97	0.90	1707.33	4.3	1719.40	1.0	1717.47	1.9	1716.19	1.6	1705.01	7.5	< 1710.00
06/21/17	0.57	1714.18	1.6	1709.84	4.2	1711.45	0.51	1710.96	0.91	1707.33	4.3	1719.41	1.0	1717.40	2.0	1715.66	1.6	1713.35	7.5	< 1710.00
06/22/17	0.56	1717.26	1.6	1709.80	4.4	< 1710.00	0.51	1711.19	0.90	1721.60	4.3	1719.41	1.0	1717.97	2.0	1715.91	1.3	1716.89	7.5	< 1710.00
06/23/17	0.56	1717.31	1.6	1710.74	4.4	< 1710.00	0.50	1711.80	0.91	1719.16	4.3	1719.40	0.99	1718.07	1.9	1716.07	1.1	1717.34	7.5	< 1710.00
06/24/17	0.56	1717.21	1.6	1711.36	4.3	1710.15	0.50	1711.84	0.91	1730.12	4.3	1719.41	0.99	1718.09	1.9	1716.08	0.99	1717.87	7.5	< 1710.00
06/25/17	0.56	1717.31	1.5	1710.96	4.4	1712.15	0.50	1711.52	0.91	1732.30	4.4	1719.41	1.00	1718.07	1.9	1716.22	0.92	1718.59	7.5	< 1710.00
06/26/17 ⁹	0.50	1717.78	1.8	1711.26	4.3	1712.53	0.50	1711.78	0.89	1733.27	4.4	1719.42	1.0	1718.12	3.6	1716.48	0.81	1718.82	7.3	< 1710.00
06/27/17	0.49	1717.84	1.5	1710.59	4.3	1711.18	0.49	1712.15	0.90	> 1736.00	4.3	1719.47	0.98	1718.39	1.8	1716.53	1.1	1705.01	7.5	< 1710.00
06/28/17	0.49	1717.78	1.4	1711.00	4.2	< 1710.00	0.49	1711.91	0.90	> 1736.00	4.3	1719.49	0.95	1718.64	1.8	1716.69	1.6	1713.76	7.5	< 1710.00
06/29/17	0.50	1717.71	1.4	1710.05	3.1	1719.54	0.49	1711.49	0.90	> 1736.00	4.3	1719.50	0.97	1718.44	1.8	1716.68	1.2	1705.01	7.0	< 1710.00
06/30/17	0.51	1717.13	1.7	1710.77	4.2	1716.24	0.49	1711.85	0.90	1734.82	4.3	1719.48	0.98	1718.39	1.7	1716.78	1.7	1705.01	7.4	< 1710.00
Monthly Average	0.60	1716.76	1.5	1713.07	4.3	1715.24	0.52	1710.72	0.90	1714.45	4.3	1719.40	0.97	1718.20	2.2	1716.37	1.5	1708.50	7.6	< 1710.00
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 (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	1,100	6/19/2017	930	6/20/2017	510	6/20/2017	1,900	6/19/2017	1,800	6/19/2017	770	6/14/2017	980	6/19/2017	1,100	6/20/2017	1,100	6/20/2017	560	6/14/2017
Hexavalent Chromium	18	6/19/2017	0.13	6/20/2017	0.49	6/20/2017	21	6/19/2017	20	6/19/2017	16	6/14/2017	17	6/19/2017	7.3	6/20/2017	0.21	6/20/2017	9.2	6/14/2017
Total Chromium	19	6/19/2017	0.14	6/20/2017	0.51	6/20/2017	21	6/19/2017	22	6/19/2017	16	6/14/2017	17	6/19/2017	7.6	6/20/2017	0.23	6/20/2017	9.3	6/14/2017

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: On 06/05, 06/12, 06/19, and 06/26 IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
 4: On 06/29, I-AR, I-AA, I-B, I-C, I-L, I-R, I-S, and I-Y down from 6:07 am to 11:30 am due to maintenance.
 5: On 06/07, I-B, I-G, I-O, I-U, I-X, and I-Y adjusted to meet flow target as directed by the Trust.
 6: On 06/20, I-B, I-L, and I-Y adjusted to meet flow target as directed by the Trust.
 7: On 06/01, I-C, I-G, I-L, I-M, I-O, I-S, I-X, and I-Y adjusted to meet flow target as directed by the Trust.
 8: On 06/21, I-C, I-M, I-S, and I-X adjusted to meet flow target as directed by the Trust.
 9: From 06/22-06/30, I-U transducer data is suspect. Instrumentation is investigating.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	LS #2	GWTP Effluent				GW-11 Influent				FBR Plant Influent ⁷						
	Flow ^{4,5,6} (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO ₂ (mg/L)	Flow ⁷ (gpm)	Cr (TR) (mg/L)	Cr (VI) (mg/L)	ClO ₂ (mg/L)	Flow ^{4,7} (gpm)	TA - ClO ₂ (mg/L)	ETI - ClO ₂ (mg/L)	TA - ClO ₃ (mg/L)	TA - NO ₃ - N (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)
06/01/17	46.5	89.6	0.46	ND	670	0.00				1127.6		79.30				
06/02/17	89.0	91.0				0.00				1,157.2		84.70				
06/03/17	197.8	89.1				0.00				1,149.2	80	88.10				
06/04/17	376.9	88.0				0.00				1,107.8		86.70				
06/05/17 ³	665.0	88.1				0.00				1,191.9		85.60	170	12	0.063	0.048
06/06/17	271.3	87.3				198.1	0.26	0.051	99	1,104.8		83.00				
06/07/17	81.6	88.3				0.00				1,128.9		83.00				
06/08/17	45.2	88.6	0.75	ND	600	0.00				1,082.7		89.00				
06/09/17	241.5	89.4				0.00				1,093.2		90.00				
06/10/17	246.7	86.5				0.00				1,085.8	100	87.00				
06/11/17	226.1	87.9				0.00				1,024.0		85.90				
06/12/17 ³	828.4	83.9				0.00				914.4		77.84		12	0.24	
06/13/17	33.6	86.7				0.00				1,013.8		91.20				
06/14/17	19.2	87.5				0.00				855.1		98.00				0.078
06/15/17	129.2	85.4	0.83	ND	730	0.00				927.6		96.00				
06/16/17	276.4	85.8				0.00				952.6		94.00				
06/17/17	410.7	85.2				0.00				981.0	99	90.00				
06/18/17	440.1	85.3				0.00				969.0		85.00				
06/19/17 ³	941.0	85.9				0.00				973.9		89.00		14	0.062	0.054
06/20/17	429.9	83.5				0.00				981.3		81.00				
06/21/17	397.3	84.9				0.00				996.3		82.00				
06/22/17	203.3	87.7	0.29	ND	700	0.00				1,023.3		90.00				
06/23/17	406.7	86.0				0.00				1,073.8		85.00				
06/24/17	537.4	85.7				0.00				1,028.5	100	86.00				
06/25/17	528.1	84.7				0.00				1,103.7		84.05				
06/26/17 ³	791.9	84.0				0.00				1,112.9		83.97		12	0.16	0.024
06/27/17	614.5	84.9				0.00				1,091.0		85.00				
06/28/17	232.6	85.6				0.00				1,046.2		77.00				
06/29/17	31.2	75.8	0.50	ND	690	0.00				1,043.2		70.06				
06/30/17	204.1	84.5				0.00				1,067.6		90.00				
Monthly Average ²	331.4	86.2	0.58	ND	677	6.6	0.26	0.05	99	1,046.9	95	85.79	170	12	0.13	0.049

Notes:

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

NA = Not Analyzed; ND = Not detected above laboratory method detection limit (ClO₂ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₃-N = 0.055 mg/L, Cr(VI) = 0.25 ug/L).

B = Compound was found in the blank and sample.

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

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

3: On 06/05, 06/12, 06/19, and 06/26 LS #2 totalizer was reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

4: From 06/01-06/30, LS #2 flow meter intermittently lost communication with PLC. Flow was not interrupted. The FBR Plant Influent Flow was estimated by summing flows for LS #1, LS #3, GWTP Effluent, and GW-11 Effluent.

5: On 06/09, LS #2 down from 05:00 am to 05:30 am due to high winds.

6: On 06/11, LS #2 down due to high winds at 10:00 pm, back online 06/12 at 7:43 am.

7: Flows bypassed GW-11 Influent and FBR Plant Influent totalizers from 06/01 to 06/30 due to FBR plant influent strainers clogging, except for monthly sampling.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics															
Date	1st Stage FBR Influent			2nd Stage FBR Influent			FBR Plant Effluent ^{1,8}								
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow ^{9,10} (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)	
06/01/17	1,194.4	6.6	-376	900.9	6.7	-422	1,048.1		ND					8	
06/02/17	1,172.4	6.6	-385	976.0	6.7	-419	1,087.2		ND					10	
06/03/17	1,171.7	7.3	-389	1,092.9	6.6	-421	1,066.2	ND						9	
06/04/17	1,149.1	7.2	-387	1,010.4	6.6	-423	1,044.1							7	
06/05/17	1,156.7	7.1	-368	910.4	6.7	-427	1,052.9			ND	0.0084	ND	ND	9	
06/06/17	1,144.9	6.9	-251	843.3	6.7	-431	681.5							8	
06/07/17	1,130.3	6.7	-272	880.1	6.7	-430	1,031.6							4	
06/08/17	1,165.5	6.6	-244	962.3	6.7	-431	992.5							4	
06/09/17	1,139.8	6.6	-270	891.1	6.7	-433	1,042.5							4	
06/10/17	1,141.5	6.6	-285	1,013.2	6.7	-431	1,033.2	ND						17	
06/11/17	1,119.1	6.7	-298	1,051.0	6.7	-432	1,043.1							7	
06/12/17	701.0	6.6	-299	894.9	6.7	-435	903.9				0.030		ND	8	
06/13/17	683.8	6.5	-274	303.9	6.7	-433	647.9							8	
06/14/17	774.9	6.5	-305	354.6	6.6	-433	638.9					ND		1	
06/15/17	760.7	6.5	-279	812.8	6.6	-434	712.2							1	
06/16/17	976.6	6.4	-191	932.0	6.6	-434	739.9							2	
06/17/17	997.2	6.5	-282	955.5	6.6	-436	909.2	ND						5	
06/18/17	1,024.6	6.6	-260	773.0	6.6	-437	873.8							4	
06/19/17	859.0	6.5	-304	567.8	6.6	-436	882.1				0.0067	ND	ND	3	
06/20/17	799.5	8.1	-312	517.2	6.6	-438	763.7							2	
06/21/17	820.0	7.9	-314	867.9	6.6	-438	778.5							2	
06/22/17	824.9	7.9	-262	487.4	6.6	-426	797.7							4	
06/23/17	848.0	7.7	-303	789.7	6.6	-429	794.5							4	
06/24/17	889.4	7.8	-285	622.1	6.6	-388	604.3	ND						8	
06/25/17	838.4	7.7	-223	799.2	6.6	-415	846.2							5	
06/26/17	813.6	7.7	-340	895.6	6.7	-432	823.7				0.010	ND	ND	8	
06/27/17	850.5	7.6	-351	579.2	6.7	-431	799.3							9	
06/28/17	798.4	7.6	-305	596.6	6.7	-435	834.3							5	
06/29/17	833.8	6.8	-356	902.1	6.7	-437	832.0							12	
06/30/17	829.1	6.6	-306	766.9	6.7	-438	827.1							9	
Monthly Average ²	953.6	7.0	-304	798.3	6.6	-429	871.1	ND	ND	ND	0.013	ND	ND	6	

Notes:

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

NA = Not Analyzed; ND = Not detected above laboratory method detection limit (ClO₄ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₃-N = 0.055 mg/L, Cr(VI) = 0.25 ug/L).

H= Sample was prepped or analyzed beyond the specified holding time

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.

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.

9: On 06/06, FBR Plant down for scheduled maintenance.

10: On 06/12, flow to the FBR Plant was adjusted as directed by the Trust.

GW-11 Level Monitoring		
Date	Field Measurement (ft)	Volume (MG)
06/14/17	32.7	33.2
06/27/17	30.5	36.0

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ¹ (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
06/16/17	0	0	0	0
07/07/17 ²	280	862	2160	5249

GW-11 Composite Sample ³		
Analytes	Concentration	Units
Perchlorate	35	mg/L
Chlorate	49	mg/L
Ammonia as N	0.44	mg/L
Total Phosphorus	ND	mg/L
Total Dissolved Solids (TDS)	6,500	mg/L
Total Suspended Solids (TSS)	68	mg/L
pH	8.3	s.u.
Calcium	350	mg/L
Iron	1.1	mg/L
Chromium (total)	0.041	mg/L
Chromium VI	0.0024	mg/L
Chloride	2,400	mg/L
Nitrate as N	1.8 J	mg/L
Sulfate	2,000	mg/L

Notes:

ND = Not detected above laboratory method detection limit (NH₃-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.

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: Pumping during the second June 2017 leak detection monitoring event suggested several malfunctioning generators/pumps. In response, this June monitoring event was extended from 06/26 to 07/07 when resolution was achieved. The malfunctions were largely attributed to electrical faults, which were promptly repaired. Once an accurate 3-day testing event (as described in Note 1, above) was achieved from 07/05-07/07, the resulting recharge rate (a.k.a., leakage measurement) did not exceed the permitted rate. The results of the 3-day testing event are presented.

3: Corner Composite Sample collected quarterly, most recent sampling results presented. Sampled on: May 17, 2017 by Envirogen.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics						
Date	Flow ¹ (gpm)	FBR Influent Concentration			Influent Function Load ² (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO ₄ (mg/L)	NO ₃ as N (mg/L)	ClO ₃ (mg/L)		
July 2016	878	86	11	140	519	626
Aug 2016	901	80	9.2	180	577	581
Sep 2016	843	78	7.7	150	470	562
Oct 2016	860	86	8.6	190	573	563
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	102	12	180	677	622
Apr 2017	1,066	87	13	190	759	653
May 2017	1,102	88	12	190	773	703
June 2017	1,047	95	12	170	720	717

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 calculated as $[(0.9 \times \text{NO}_3 \text{ as N} + 0.17 \times \text{ClO}_3 + 0.18 \times \text{ClO}_4) \times \text{Flow} \times 1440 / 1000000] \times 8.34$.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	E1-1				E1-2				E1-3				E2-1 ⁶			
	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ^{1,3} (mg/L)	ClO ₂ ^{1,3} (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ^{1,4} (mg/L)	ClO ₂ ^{1,4} (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ^{1,5} (mg/L)	ClO ₂ ^{1,5} (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ¹ (mg/L)	ClO ₂ ¹ (mg/L)
06/01/17	3.8	1,711.67			1.3	1,720.72			0.98	1,710.97			0.00			
06/02/17	3.9	1,711.69			1.4	1,720.92			1.0	1,710.99			0.00			
06/03/17	3.9				1.4				1.0				0.00			
06/04/17	3.9				1.4				1.0				0.00			
06/05/17	3.5	1,713.11	0.022	750	1.3	1,721.11	0.017	990	0.92	1,711.91	0.061	990	0.00			
06/06/17	3.5	1,711.68			1.3	1,720.32			0.91	1,710.96			0.00			
06/07/17	4.3	1,711.69			1.6	1,721.51			1.1	1,710.96			0.00			
06/08/17	3.1	1,711.66			1.2	1,719.85			0.81	1,710.96			0.00			
06/09/17	3.9	1,711.67			1.4	1,721.26			1.0	1,710.96			0.00			
06/10/17	3.9				1.4				1.0				0.00			
06/11/17	3.9				1.4				1.0				0.00			
06/12/17	3.7	1,714.13	0.025	805	1.3	1,722.95	0.016	840	1.0	1,711.94	0.068	990	0.00			
06/13/17	3.3	1,711.66			1.2	1,720.48			0.90	1,709.97			0.00			
06/14/17	3.9	1,711.66			1.5	1,720.56			1.1	1,710.98			0.00			
06/15/17	3.4	1,711.68			1.3	1,718.92			0.9	1,710.95			0.00			
06/16/17	3.5	1,711.67			1.4	1,719.21			0.95	1,710.94			0.00			
06/17/17	3.5				1.4				0.95				0.00			
06/18/17	3.5				1.4				0.95				0.00			
06/19/17	3.3	1,711.72	0.023	750	1.4	1,720.61	0.020	1,050	0.89	1,710.96	0.064	1,000	0.00			
06/20/17	4.1	1,711.67			1.8	1,720.53			1.1	1,710.96			0.00			
06/21/17	3.5	1,711.70			1.5	1,717.94			0.96	1,710.96			0.00			
06/22/17	3.5	1,711.67			1.5	1,718.27			0.94	1,710.97			0.00			
06/23/17	3.5	1,711.67			1.5	1,719.14			0.95	1,710.95			0.00			
06/24/17	3.5				1.5				0.95				0.00			
06/25/17	3.5				1.5				0.95				0.00			
06/26/17	3.4	1,711.65	0.021	650	1.4	1,719.51	0.011	680	0.93	1,710.95	0.057	885	0.00			
06/27/17	4.1	1,711.65			1.8	1,720.79			1.2	1,710.96			0.00			
06/28/17	3.1	1,711.66			1.3	1,718.75			0.87	1,710.94			0.00			
06/29/17	2.7	1,712.02			0.89	1,721.97			0.66	1,714.45			0.00			
06/30/17	3.5	1,717.49			1.5	1,723.95			0.80	1,717.43			0.00			
Monthly Average ²	3.6	1,712.13	0.023	738	1.4	1,720.42	0.016	887	0.96	1,711.46	0.062	966	0.00			

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.
 H = Sample was prepped or analyzed beyond the specified holding time
 1: Analytical results are reported from TestAmerica.
 2: All average concentrations reported are monthly flow weighted averages.
 3: Duplicates taken on 06/05 and 06/12 for well E1-1; average of both values is presented and used for calculation purposes.
 4: Duplicates taken on 06/19 for well E1-2; average of both values is presented and used for calculation purposes.
 5: Duplicates taken on 06/26 for well E1-3; average of both values is presented and used for calculation purposes.
 6: No flushing and no pumping occurring at E2 plot from 06/01 to 06/30.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	E2-2 ⁶				E2-3 ⁶				E2-4 ⁶				E2-5 ⁶			
	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ¹ (mg/L)	ClO ₂ ¹ (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ¹ (mg/L)	ClO ₂ ¹ (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ¹ (mg/L)	ClO ₂ ¹ (mg/L)	Flow (gpm)	Water Elevation (ft amsl)	Cr (VI) ¹ (mg/L)	ClO ₂ ¹ (mg/L)
06/01/17	0.00				0.00				0.00				0.00			
06/02/17	0.00				0.00				0.00				0.00			
06/03/17	0.00				0.00				0.00				0.00			
06/04/17	0.00				0.00				0.00				0.00			
06/05/17	0.00				0.00				0.00				0.00			
06/06/17	0.00				0.00				0.00				0.00			
06/07/17	0.00				0.00				0.00				0.00			
06/08/17	0.00				0.00				0.00				0.00			
06/09/17	0.00				0.00				0.00				0.00			
06/10/17	0.00				0.00				0.00				0.00			
06/11/17	0.00				0.00				0.00				0.00			
06/12/17	0.00				0.00				0.00				0.00			
06/13/17	0.00				0.00				0.00				0.00			
06/14/17	0.00				0.00				0.00				0.00			
06/15/17	0.00				0.00				0.00				0.00			
06/16/17	0.00				0.00				0.00				0.00			
06/17/17	0.00				0.00				0.00				0.00			
06/18/17	0.00				0.00				0.00				0.00			
06/19/17	0.00				0.00				0.00				0.00			
06/20/17	0.00				0.00				0.00				0.00			
06/21/17	0.00				0.00				0.00				0.00			
06/22/17	0.00				0.00				0.00				0.00			
06/23/17	0.00				0.00				0.00				0.00			
06/24/17	0.00				0.00				0.00				0.00			
06/25/17	0.00				0.00				0.00				0.00			
06/26/17	0.00				0.00				0.00				0.00			
06/27/17	0.00				0.00				0.00				0.00			
06/28/17	0.00				0.00				0.00				0.00			
06/29/17	0.00				0.00				0.00				0.00			
06/30/17	0.00				0.00				0.00				0.00			
Monthly Average ²	0.00				0.00				0.00				0.00			

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.
 6: No flushing and no pumping occurring at E2 plot from 06/01 to 06/30.

Figure 1 - GW-11 Pond Volume and Perchlorate Concentration

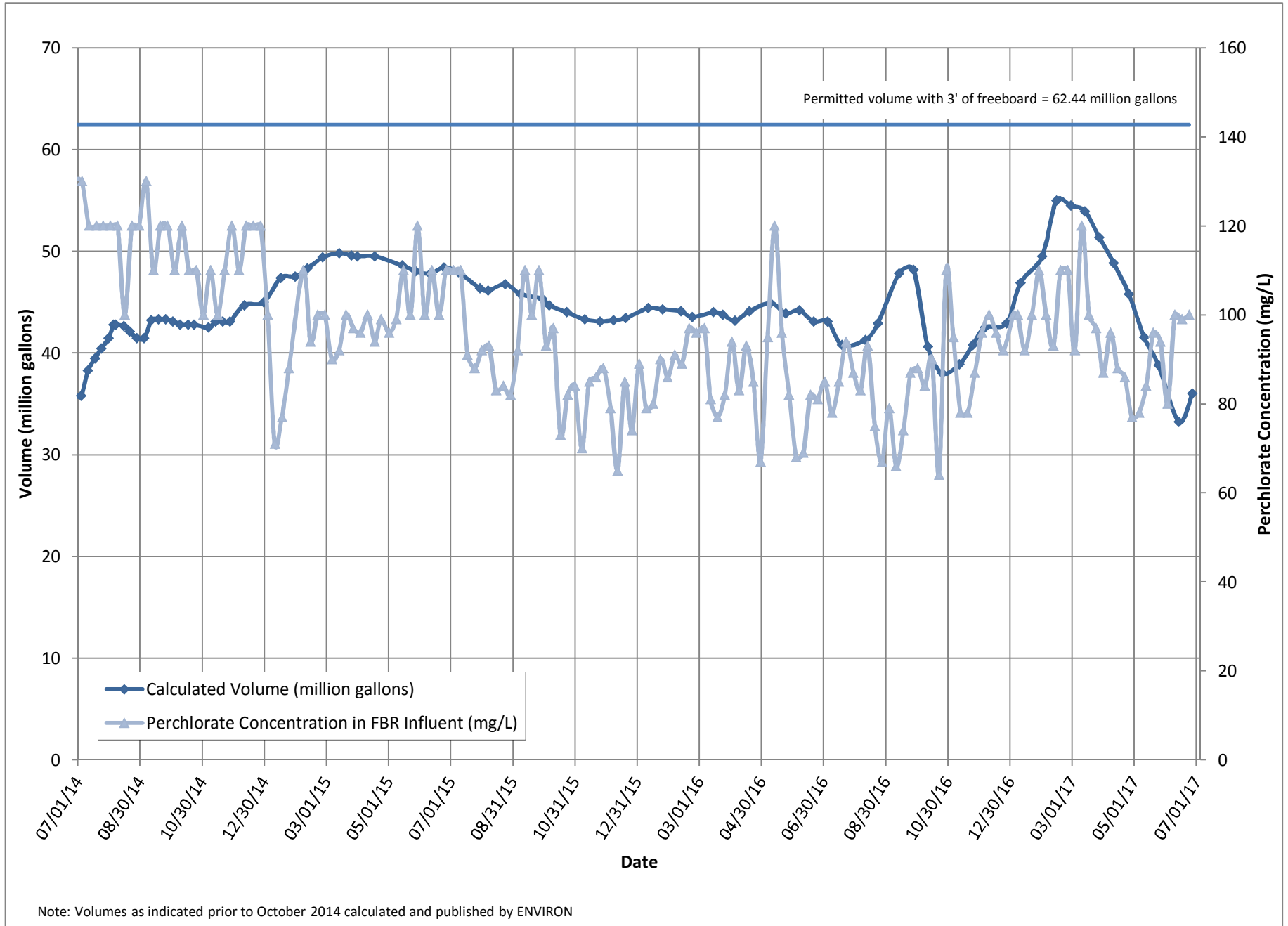


Figure 2 - FBR Equivalent Loading Calculation

