

Table 1 - Seep Well Field (SWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																											
Date	LS #1 Flow (gpm)	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)	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 (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)								
06/01/20	598	165	1536.89	91	1541.90	130	1541.18	109	1537.52	71	1546.90	102	1547.87	51	1548.99	19	1550.00	9.0	1526.05								
06/02/20	600	165	1536.88	90	1541.28	131	1541.77	110	1537.49	72	1546.88	103	1547.85	50	1548.97	19	1549.98	9.0	1525.86								
06/03/20	599	165	1536.84	90	1541.76	131	1541.75	109	1537.46	72	1546.87	102	1547.84	51	1548.96	19	1549.97	9.0	1525.88								
06/04/20	636	164	1536.89	90	1541.76	130	1541.75	108	1537.52	71	1546.86	102	1547.83	50	1548.95	19	1549.94	9.0	1526.13								
06/05/20	620	166	1536.85	91	1541.65	131	1541.75	110	1537.51	72	1546.85	103	1547.82	51	1548.94	20	1549.94	9.1	1526.04								
06/06/20	624	164	1536.80	90	1541.61	129	1541.72	108	1537.43	71	1546.84	102	1547.80	50	1548.92	19	1549.93	9.0	1525.92								
06/07/20	619	167	1536.76	91	1541.90	132	1541.70	110	1537.45	72	1546.81	103	1547.77	50	1548.90	20	1549.90	9.1	1525.90								
06/08/20 ²	614	165	1536.74	91	1541.57	130	1541.68	109	1537.40	72	1546.80	102	1547.77	50	1548.89	19	1549.89	9.0	1525.67								
06/09/20	616	166	1536.73	91	1541.71	130	1541.69	109	1537.39	72	1546.80	102	1547.77	50	1548.89	19	1549.89	9.1	1525.80								
06/10/20 ³	590	161	1536.89	88	1541.63	128	1541.72	106	1537.52	70	1546.83	100	1547.78	49	1548.90	19	1549.90	9.0	1526.92								
06/11/20	592	165	1536.81	91	1541.68	130	1541.69	109	1537.48	71	1546.80	102	1547.75	50	1548.88	19	1549.88	9.0	1525.80								
06/12/20	585	165	1536.76	91	1541.56	130	1541.67	109	1537.43	72	1546.78	102	1547.74	50	1548.86	19	1549.86	9.7	1525.86								
06/13/20	577	165	1536.75	90	1541.56	131	1541.66	109	1537.42	72	1546.77	103	1547.73	50	1548.85	19	1549.85	9.0	1525.84								
06/14/20	583	165	1536.72	91	1541.45	131	1541.64	109	1537.39	72	1546.76	102	1547.72	51	1548.84	19	1549.80	9.0	1525.79								
06/15/20 ²	586	165	1536.70	90	1541.24	130	1541.63	109	1537.37	71	1546.75	102	1547.71	50	1548.83	19	1549.83	9.1	1525.93								
06/16/20	589	165	1536.67	90	1541.59	130	1541.61	109	1537.35	72	1546.74	102	1547.69	50	1548.81	19	1549.81	9.0	1525.91								
06/17/20	619	164	1536.64	90	1541.50	130	1541.60	109	1537.31	71	1546.72	103	1547.67	50	1548.79	19	1549.80	9.0	1525.90								
06/18/20	634	165	1536.62	90	1541.70	130	1541.58	109	1537.31	71	1546.71	102	1547.66	51	1548.78	19	1549.79	9.0	1525.81								
06/19/20	592	165	1536.60	90	1542.04	131	1541.57	109	1537.30	72	1546.69	103	1547.65	50	1548.77	19	1549.78	9.7	1525.84								
06/20/20	595	165	1536.57	90	1541.81	130	1541.56	109	1537.26	71	1546.70	102	1547.64	50	1548.76	19	1549.77	9.0	1525.76								
06/21/20	595	165	1536.54	90	1541.36	131	1541.55	109	1537.26	72	1546.68	103	1547.63	51	1548.75	19	1549.75	9.0	1525.72								
06/22/20 ²	599	165	1536.52	90	1541.80	130	1541.54	109	1537.22	71	1546.67	102	1547.61	50	1548.73	19	1549.74	9.1	1525.67								
06/23/20	595	165	1536.50	90	1541.81	130	1541.52	109	1537.18	72	1546.63	102	1547.60	50	1548.72	19	1549.73	9.0	1525.79								
06/24/20	594	165	1536.47	90	1541.68	131	1541.51	109	1537.18	71	1546.64	103	1547.59	51	1548.71	19	1549.72	9.0	1525.71								
06/25/20	594	165	1536.46	90	1542.04	131	1541.50	110	1537.15	72	1546.63	102	1547.58	50	1548.69	19	1549.70	9.0	1525.71								
06/26/20	594	165	1536.43	90	1541.44	130	1541.48	109	1537.14	72	1546.60	103	1547.56	50	1548.68	19	1549.69	9.0	1525.67								
06/27/20	596	165	1536.41	90	1541.73	131	1541.47	109	1537.11	72	1546.62	102	1547.55	51	1548.67	19	1549.68	9.0	1525.78								
06/28/20	611	165	1536.38	90	1541.42	131	1541.45	109	1537.08	72	1546.59	102	1547.54	50	1548.66	19	1549.66	9.0	1525.80								
06/29/20 ²	598	165	1536.37	90	1541.63	130	1541.44	109	1537.10	71	1546.56	102	1547.52	50	1548.64	19	1549.65	9.0	1525.58								
06/30/20	607	165	1536.36	90	1541.49	131	1541.44	109	1537.07	72	1546.57	102	1547.52	50	1548.64	19	1549.65	9.0	1525.61								
Monthly Average	602	165	1536.65	90	1541.64	130	1541.59	109	1537.33	71	1546.74	102	1547.69	50	1548.81	19	1549.82	9.1	1525.86								
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						
Perchlorate	11		6/2/2020	16		6/2/2020	9.9		6/2/2020	3.9		6/2/2020	3.4		6/2/2020	0.44		6/2/2020	0.038		6/2/2020	0.061		6/2/2020	0.55		6/2/2020
Hexavalent Chromium	0.0073		6/2/2020	0.00043 J		6/2/2020	ND		6/2/2020	0.0061		6/2/2020	ND		6/2/2020	ND		6/2/2020	ND		6/2/2020	ND		6/2/2020	ND		6/2/2020
Total Chromium	0.0066		6/2/2020	ND		6/2/2020	ND		6/2/2020	0.0066		6/2/2020	ND		6/2/2020	ND		6/2/2020	ND		6/2/2020	ND		6/2/2020	ND		6/2/2020

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: On 06/08, 06/15, 06/22, and 06/29, the LS #1 and SWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
- 3: On 06/10, SWF wells offline briefly due to maintenance on LS #1.
- 4: Duplicates taken on 06/02 for well PC-120; average of both values is presented and used for calculations.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																	
Date	LS #3 Flow (gpm)	ART-1/1A		ART-2/2A		ART-3/3A		ART-4/4A		ART-9		ART-7A/7B		ART-8/8A		PC-150	
		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 (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)
06/01/20	395	42	1583.96	153	1583.49	22	1584.99	3.5	1578.86	59	1582.80	19	1584.96	169	1583.47	1.5	1578.66
06/02/20	394	42	1583.95	154	1583.48	23	1584.99	4.2	1578.85	58	1582.77	19	1584.93	168	1583.46	1.5	1578.68
06/03/20	394	42	1583.95	153	1583.47	22	1584.98	3.5	1578.85	58	1582.80	19	1584.96	169	1583.46	1.5	1578.67
06/04/20	387	40	1583.99	148	1583.51	22	1585.02	3.5	1578.85	59	1582.80	19	1584.93	170	1583.49	1.5	1579.12
06/05/20	383	27	1577.42	148	1583.61	22	1585.05	3.5	1578.85	59	1582.80	19	1584.93	170	1583.56	1.5	1578.74
06/06/20	380	25	1577.43	150	1583.63	23	1585.07	3.4	1578.85	59	1582.77	19	1584.91	171	1583.58	1.5	1578.72
06/07/20	381	25	1577.43	149	1583.63	22	1585.07	4.2	1578.85	58	1582.76	19	1584.91	171	1583.58	1.5	1578.70
06/08/20 ²	388	35	1577.43	151	1583.64	22	1585.08	3.7	1578.85	59	1582.76	19	1584.92	170	1583.59	1.5	1578.63
06/09/20	386	24	1577.43	153	1583.66	22	1585.09	4.2	1578.85	59	1582.79	19	1584.92	170	1583.61	1.5	1578.77
06/10/20	395	37	1583.97	153	1583.52	23	1585.03	3.5	1578.85	60	1582.77	19	1584.93	169	1583.51	1.5	1578.78
06/11/20	397	42	1583.94	152	1583.48	22	1585.00	3.5	1578.85	60	1582.80	19	1584.93	169	1583.47	1.5	1578.70
06/12/20	403	42	1583.93	153	1583.45	22	1584.98	3.5	1578.85	59	1582.80	19	1584.93	169	1583.45	1.5	1578.74
06/13/20	393	42	1583.92	154	1583.45	22	1584.97	3.5	1578.85	59	1582.80	19	1584.96	169	1583.44	1.5	1578.80
06/14/20	397	42	1583.91	153	1583.43	22	1584.96	4.2	1578.85	59	1582.82	19	1584.96	168	1583.42	1.5	1578.72
06/15/20 ⁴	394	38	1583.91	153	1583.42	22	1584.96	3.7	1578.86	59	1582.82	19	1584.96	169	1583.42	1.5	1578.71
06/16/20	395	42	1583.89	152	1583.41	22	1584.95	3.5	1578.86	60	1582.82	19	1584.93	168	1583.41	1.5	1578.74
06/17/20	397	42	1583.89	153	1583.40	22	1584.94	3.5	1578.85	59	1582.84	19	1584.96	169	1583.39	1.5	1578.74
06/18/20	396	42	1583.89	153	1583.39	22	1584.93	3.5	1578.85	60	1582.84	19	1584.93	169	1583.39	1.5	1578.71
06/19/20 ³	391	42	1583.91	151	1583.41	22	1584.94	3.5	1578.85	59	1582.82	19	1584.93	167	1583.40	1.5	1578.70
06/20/20	394	42	1583.89	153	1583.39	22	1584.93	4.2	1578.86	59	1582.80	19	1584.91	168	1583.38	1.5	1578.71
06/21/20	394	42	1583.88	154	1583.38	22	1584.92	3.5	1578.86	59	1582.74	19	1584.91	168	1583.37	1.5	1578.64
06/22/20 ²	394	42	1583.88	153	1583.37	22	1584.91	3.6	1578.86	59	1582.74	19	1584.86	168	1583.36	1.5	1578.67
06/23/20	394	42	1583.89	151	1583.38	22	1584.92	3.5	1578.85	59	1582.70	19	1584.88	167	1583.37	1.5	1578.68
06/24/20	397	42	1583.88	153	1583.36	22	1584.91	3.5	1578.85	60	1582.71	19	1584.85	168	1583.35	1.5	1578.71
06/25/20	397	42	1583.86	153	1583.35	22	1584.90	3.5	1578.85	59	1582.70	19	1584.85	169	1583.34	1.5	1578.69
06/26/20	393	42	1583.86	153	1583.34	22	1584.89	3.5	1578.86	60	1582.67	19	1584.85	168	1583.33	1.5	1578.65
06/27/20	394	42	1583.85	153	1583.33	22	1584.89	3.5	1578.86	59	1582.67	19	1584.84	169	1583.33	1.5	1578.70
06/28/20	393	42	1583.84	153	1583.32	22	1584.88	3.5	1578.86	59	1582.66	19	1584.84	169	1583.32	1.5	1578.67
06/29/20 ²	394	42	1583.83	153	1583.31	22	1584.87	3.5	1578.85	59	1582.63	19	1584.80	168	1583.31	1.5	1578.68
06/30/20	395	42	1583.83	153	1583.30	22	1584.87	3.5	1578.85	60	1582.60	19	1584.81	168	1583.31	1.5	1578.67
Monthly Average	393	39	1582.82	152	1583.44	22	1584.96	3.6	1578.85	59	1582.76	19	1584.91	169	1583.43	1.5	1578.72
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc ² (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate	23	6/2/2020	9.3	6/2/2020	210	6/2/2020	140	6/2/2020	180	6/2/2020	93	6/2/2020	68	6/2/2020	54	6/2/2020	
Hexavalent Chromium	ND	6/2/2020	0.0049	F1	0.36	6/2/2020	0.19	6/2/2020	0.68	6/2/2020	0.58	6/2/2020	0.084	6/2/2020	0.058	6/2/2020	
Total Chromium	ND	6/2/2020	0.0048	J	0.31	6/2/2020	0.17	6/2/2020	0.63	6/2/2020	0.51	6/2/2020	0.082	6/2/2020	0.051	6/2/2020	

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 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).
 F1 = MS and/or MSD Recovery is outside acceptance limits.
 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.
 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 06/08, 06/15, 06/22, and 06/29, 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 06/19, AWF wells offline briefly due to maintenance on LS #3.
 4: From 06/05 to 06/10, ART-1A turned off causing ART-1 to run due to a brief power outage at LS #3.
 5: Duplicates taken on 06/02 for well ART-4/4A; average of both values is presented and used for calculations.
 6: Conducted periodic bucket tests to confirm flow rates for PC-150. 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 the month but the totalizer showed zero flow because totalizer units are 1,000 gallons.

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 (gpm)	Water Elevation (ft amsl)	Flow ² (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 ² (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
06/01/20	0.12	1723.35	0.57	1716.24	0.00	1720.88	0.00	1724.17	0.00	1739.90	0.87	1709.64	2.9	1720.88	1.4	1724.46	0.76	1722.98	4.5	1723.80
06/02/20	0.12	1723.45	0.57	1716.27	0.00	1720.87	0.00	1724.17	0.00	1739.93	0.89	1709.70	2.8	1720.88	1.4	1724.46	0.76	1722.96	4.5	1723.80
06/03/20	0.11	1723.57	0.56	1716.29	0.00	1720.88	0.00	1724.20	0.00	1739.97	0.85	1709.73	2.8	1720.90	1.4	1724.48	0.76	1722.94	4.5	1723.83
06/04/20	0.11	1723.55	0.55	1716.39	0.00	1720.88	0.00	1724.21	0.00	1739.92	0.87	1709.70	2.9	1720.94	1.4	1724.49	0.76	1722.95	4.5	1723.83
06/05/20	0.11	1723.66	0.54	1716.28	0.00	1720.88	0.00	1724.22	0.00	1739.94	0.83	1709.67	2.8	1720.94	1.4	1724.49	0.79	1722.90	4.6	1723.84
06/06/20	0.12	1723.51	0.55	1716.29	0.00	1720.88	0.00	1724.20	0.00	1739.92	0.83	1709.69	2.8	1720.91	1.4	1724.47	0.82	1722.88	4.7	1724.02
06/07/20	0.12	1723.71	0.52	1716.29	0.00	1720.88	0.00	1724.18	0.00	1739.94	0.83	1709.63	2.8	1720.87	1.4	1724.43	0.82	1722.82	4.7	1724.11
06/08/20 ²	0.12	1723.48	0.55	1716.46	0.00	1720.80	0.01	1724.12	0.043	1739.98	0.85	1709.63	2.8	1720.88	1.4	1724.42	0.78	1722.83	4.5	1723.97
06/09/20	0.12	1723.55	0.54	1716.39	0.00	1720.84	0.00	1724.17	0.00	1739.98	0.77	1709.64	2.9	1721.05	1.4	1724.46	0.76	1723.05	4.5	1723.79
06/10/20	0.11	1723.89	0.53	1716.54	0.00	1720.85	0.00	1724.19	0.00	1739.97	0.77	1709.64	2.9	1721.07	1.4	1724.48	0.75	1723.03	4.5	1723.82
06/11/20	0.10	1723.76	0.56	1716.16	0.00	1720.85	0.00	1724.20	0.00	1739.95	0.89	1709.69	2.8	1721.09	1.4	1724.48	0.74	1723.10	4.6	1723.83
06/12/20	0.11	1723.83	0.53	1717.21	0.00	1720.87	0.00	1724.22	0.00	1739.98	0.79	1709.68	2.8	1721.11	1.4	1724.50	0.73	1723.13	4.6	1723.85
06/13/20	0.10	1724.09	0.47	1717.31	0.00	1720.88	0.0	1724.22	0.0	1739.93	0.76	1709.65	2.9	1721.11	1.3	1724.50	0.73	1723.17	4.5	1723.86
06/14/20	0.10	1723.88	0.47	1717.42	0.00	1720.88	0.00	1724.22	0.00	1739.97	0.88	1709.67	2.9	1721.11	1.4	1724.50	0.74	1723.15	4.5	1723.85
06/15/20 ²	0.11	1723.89	0.52	1717.38	0.00	1720.89	0.00	1724.23	0.00	1739.98	0.82	1709.59	2.8	1721.13	1.4	1724.52	0.75	1723.17	4.5	1723.88
06/16/20	0.10	1723.94	0.46	1717.40	0.00	1720.89	0.00	1724.23	0.00	1739.96	0.87	1709.62	2.8	1721.13	1.4	1724.52	0.73	1723.13	4.5	1723.88
06/17/20	0.10	1723.92	0.45	1717.56	0.00	1720.89	0.00	1724.21	0.00	1740.00	0.87	1709.71	2.8	1721.12	1.4	1724.50	0.74	1723.12	4.5	1723.86
06/18/20	0.10	1724.18	0.44	1717.58	0.00	1720.90	0.00	1724.22	0.00	1740.00	0.88	1709.65	2.8	1721.13	1.4	1724.51	0.72	1723.18	4.5	1723.87
06/19/20	0.11	1723.41	0.45	1717.54	0.00	1720.90	0.00	1724.22	0.00	1739.98	0.89	1709.67	2.8	1721.13	1.4	1724.52	0.71	1723.28	4.5	1723.88
06/20/20	0.12	1723.33	0.45	1717.58	0.00	1720.90	0.00	1724.23	0.00	1739.98	0.87	1709.69	2.8	1721.14	1.4	1724.53	0.69	1723.35	4.5	1723.89
06/21/20	0.11	1723.57	0.44	1717.65	0.00	1720.89	0.00	1724.23	0.00	1740.00	0.86	1709.68	2.7	1721.14	1.4	1724.53	0.70	1723.20	4.5	1723.89
06/22/20 ²	0.11	1722.98	0.45	1717.73	0.00	1720.89	0.00	1724.23	0.00	1739.99	0.87	1709.66	2.8	1721.23	1.4	1724.53	0.72	1723.18	4.5	1723.89
06/23/20	0.18	1721.12	0.43	1717.75	0.00	1720.89	0.00	1724.24	0.00	1739.97	0.83	1709.64	2.6	1721.28	1.4	1724.54	0.73	1723.20	4.5	1723.91
06/24/20	0.18	1721.27	0.43	1717.75	0.00	1720.90	0.00	1724.25	0.00	1739.99	0.85	1709.69	2.6	1721.29	1.4	1724.56	0.72	1723.22	4.5	1723.92
06/25/20	0.17	1721.44	0.42	1717.77	0.00	1720.89	0.00	1724.23	0.00	1739.98	0.85	1709.69	2.6	1721.27	1.4	1724.53	0.72	1723.17	4.5	1723.88
06/26/20	0.17	1721.60	0.42	1717.79	0.00	1720.90	0.00	1724.23	0.00	1740.00	0.86	1709.68	2.6	1721.29	1.4	1724.55	0.70	1723.24	4.5	1723.90
06/27/20	0.17	1721.77	0.42	1717.83	0.00	1720.90	0.00	1724.26	0.00	1740.00	0.85	1709.73	2.7	1721.31	1.4	1724.58	0.70	1723.27	4.5	1723.93
06/28/20	0.16	1722.08	0.42	1717.81	0.00	1720.90	0.00	1724.25	0.00	1740.00	0.85	1709.65	2.6	1721.33	1.4	1724.61	0.70	1723.33	4.5	1723.94
06/29/20 ^{2 3}	0.16	1722.23	0.43	1718.99	0.00	1720.90	0.00	1724.24	0.00	1740.00	0.85	1713.95	2.6	1722.98	1.4	1724.75	0.71	1724.57	4.5	1724.32
06/30/20	0.18	1721.88	0.58	1712.96	0.00	1720.76	0.00	1724.31	0.00	1740.00	0.79	1709.71	2.7	1720.55	1.2	1724.64	0.59	1723.67	4.5	1723.95
Monthly Average	0.13	1723.13	0.49	1717.02	0.00	1720.88	0.00	1724.22	0.00	1739.97	0.85	1709.81	2.8	1721.14	1.4	1724.52	0.73	1723.17	4.5	1723.90
Analytical ¹	Conc (mg/L)	Date	Conc ⁴ (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	400	6/4/2020	39	6/4/2020	140	6/4/2020	250	6/8/2020	150	6/8/2020	400	6/4/2020	410	6/9/2020	640	6/9/2020	340	6/9/2020	450	6/9/2020
Hexavalent Chromium	0.34	6/4/2020	0.057	6/4/2020	0.00029	6/4/2020	2.1	6/8/2020	1.5	6/8/2020	0.29	6/4/2020	2.7	6/9/2020	4.7	6/9/2020	5.0	6/9/2020	10	6/9/2020
Total Chromium	22	6/4/2020	0.062	6/4/2020	0.024	6/4/2020	2.2	6/8/2020	1.5	6/8/2020	0.29	6/4/2020	3.2	6/9/2020	4.7	6/9/2020	5.2	6/9/2020	10	6/9/2020

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 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: On 06/08, 06/15, 06/22, and 06/29, the IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
 3: On 06/29, IWF wells offline briefly due to maintenance at GWTP.
 4: Duplicates taken on 06/04 for well I-AA; average of both values is presented and used for calculations.
 5: On 06/30, I-AA, I-C, I-L, I-M, I-N and I-R 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-G		I-H		I-I		I-J		I-K		I-L		I-M		I-N		I-O		I-P	
	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 ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
06/01/20	0.16	1723.79	1.5	1722.11	4.9	1723.68	7.7	1712.24	4.0	1709.19	0.91	1722.58	1.8	1724.25	2.9	1723.23	0.26	1723.74	1.4	1723.78
06/02/20	0.16	1723.80	1.5	1722.13	4.9	1723.70	7.6	1712.25	4.0	1709.19	0.89	1722.60	1.8	1724.25	2.9	1723.24	0.26	1723.76	1.4	1723.62
06/03/20	0.16	1723.81	1.4	1722.15	4.8	1723.27	7.7	1712.28	4.0	1709.17	0.9	1722.61	1.8	1724.26	2.9	1723.27	0.26	1723.78	1.4	1723.75
06/04/20	0.16	1723.82	1.4	1722.16	4.8	1723.73	7.8	1712.39	4.0	1709.16	0.86	1722.67	1.8	1724.27	2.9	1723.27	0.25	1723.79	1.4	1723.44
06/05/20	0.16	1723.83	1.4	1722.17	4.6	1723.74	7.8	1712.38	4.0	1709.17	0.84	1722.64	1.8	1724.28	2.8	1723.27	0.25	1723.80	1.3	1723.80
06/06/20	0.16	1723.81	1.6	1722.17	5.0	1723.73	7.7	1712.32	4.0	1709.16	0.83	1722.65	1.8	1724.25	3.0	1723.24	0.26	1723.80	1.4	1723.62
06/07/20	0.16	1723.79	1.6	1722.16	5.1	1723.72	7.6	1712.25	4.1	1709.16	0.82	1722.63	1.8	1724.21	3.0	1723.20	0.27	1723.78	1.4	1723.87
06/08/20 ²	0.16	1723.78	1.5	1722.16	4.9	1723.70	7.7	1712.23	4.0	1709.14	0.86	1722.58	1.8	1724.21	2.9	1723.19	0.26	1723.77	1.4	1723.57
06/09/20	0.16	1723.82	1.6	1722.19	5.0	1723.73	7.7	1712.26	4.0	1709.16	0.86	1722.61	1.7	1724.25	2.8	1723.30	0.26	1723.81	1.4	1722.75
06/10/20	0.16	1723.85	1.6	1722.20	4.9	1723.75	7.7	1712.94	4.0	1709.14	0.83	1722.69	1.7	1724.26	2.7	1723.33	0.25	1723.82	1.4	1722.88
06/11/20	0.15	1723.85	1.5	1722.22	4.9	1723.76	7.7	1712.85	4.0	1709.13	0.80	1722.68	1.7	1724.28	2.7	1723.33	0.23	1723.83	1.4	1722.06
06/12/20	0.16	1723.87	1.4	1722.23	4.9	1723.77	7.7	1713.53	4.0	1709.12	0.79	1722.69	1.7	1724.29	2.6	1723.35	0.25	1723.84	1.4	1722.42
06/13/20	0.15	1723.88	1.5	1722.24	4.9	1723.78	7.7	1713.85	4.0	1709.13	0.79	1722.70	1.7	1724.30	2.7	1723.37	0.25	1723.85	1.4	1722.95
06/14/20	0.15	1723.88	1.5	1722.24	4.9	1723.78	7.9	1713.75	4.0	1709.12	0.79	1722.71	1.7	1724.29	2.6	1723.39	0.25	1723.86	1.3	1722.62
06/15/20 ²	0.16	1723.89	1.5	1722.27	4.9	1723.80	7.7	1714.49	4.0	1709.15	0.82	1722.75	1.7	1724.32	2.7	1723.42	0.25	1723.88	1.4	1722.88
06/16/20	0.16	1723.89	1.4	1722.22	4.9	1723.79	7.7	1714.47	4.0	1709.15	0.76	1722.75	1.7	1724.32	2.6	1723.42	0.25	1723.83	1.6	1723.66
06/17/20	0.15	1723.89	1.5	1722.18	4.9	1723.77	7.7	1713.56	4.0	1709.15	0.75	1722.75	1.7	1724.30	2.6	1723.40	0.25	1723.80	2.0	1723.66
06/18/20	0.15	1723.91	1.5	1722.20	4.9	1723.78	7.7	1714.57	4.0	1709.17	0.75	1722.76	1.7	1724.33	2.6	1723.41	0.24	1723.81	2.0	1723.68
06/19/20	0.15	1723.92	1.4	1722.21	4.9	1723.78	7.7	1714.71	4.0	1709.15	0.76	1722.75	1.7	1724.33	2.6	1723.42	0.24	1723.82	2.0	1723.69
06/20/20	0.15	1723.93	1.4	1722.22	4.9	1723.79	7.7	1714.87	4.0	1709.16	0.77	1722.74	1.7	1724.35	2.5	1723.42	0.22	1723.84	1.9	1723.73
06/21/20	0.16	1723.91	1.4	1722.23	4.6	1723.80	7.8	1714.99	4.0	1709.17	0.79	1722.74	1.7	1724.36	2.5	1723.42	0.22	1723.85	1.7	1723.75
06/22/20 ²	0.15	1723.91	1.4	1722.24	4.9	1723.80	7.8	1715.08	4.0	1709.16	0.77	1722.68	1.7	1724.36	2.6	1723.42	0.24	1723.85	1.8	1723.76
06/23/20	0.16	1723.92	1.4	1722.25	4.2	1723.81	7.7	1715.22	4.0	1709.18	0.80	1722.74	1.7	1724.38	2.5	1723.43	0.22	1723.86	1.7	1723.77
06/24/20	0.16	1723.93	1.3	1722.25	4.2	1723.82	7.7	1715.42	4.0	1709.18	0.76	1722.79	1.7	1724.39	2.6	1723.43	0.22	1723.87	1.7	1723.78
06/25/20	0.16	1723.90	1.3	1722.23	4.0	1723.81	7.7	1715.22	4.0	1709.17	0.73	1722.79	1.6	1724.36	2.5	1723.40	0.23	1723.85	1.7	1723.75
06/26/20	0.16	1723.93	1.4	1722.25	4.1	1723.81	7.7	1715.43	4.0	1709.18	0.73	1722.81	1.6	1724.38	2.5	1723.42	0.23	1723.86	1.6	1723.79
06/27/20	0.16	1723.94	1.4	1722.26	4.3	1723.83	7.7	1715.74	4.0	1709.16	0.71	1722.83	1.6	1724.41	2.5	1723.45	0.22	1723.87	1.6	1723.81
06/28/20	0.16	1723.94	1.3	1722.26	4.1	1723.83	7.6	1715.78	4.0	1709.18	0.70	1722.85	1.4	1724.69	2.6	1723.45	0.22	1723.87	1.6	1723.81
06/29/20 ²	0.16	1724.15	1.4	1723.79	4.3	1724.42	7.7	1726.52	4.0	1720.81	0.74	1723.40	1.6	1725.27	2.6	1724.12	0.23	1723.95	1.7	1724.21
06/30/20	0.14	1724.02	1.5	1722.33	4.9	1723.84	7.7	1715.31	4.0	1709.16	1.3	1721.64	1.3	1724.53	2.6	1723.30	0.15	1723.93	1.1	1724.02
Monthly Average	0.16	1723.89	1.4	1722.26	4.7	1723.78	7.7	1714.30	4.0	1709.55	0.81	1722.69	1.7	1724.36	2.7	1723.38	0.24	1723.83	1.6	1723.53
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	750	6/9/2020	710	6/9/2020	670	6/8/2020	240	6/8/2020	270	6/4/2020	340	6/9/2020	410	6/9/2020	680	6/9/2020	760	6/9/2020	760	6/9/2020
Hexavalent Chromium	15	6/9/2020	13	6/9/2020	7.6	6/8/2020	4.0	6/8/2020	2.2	6/8/2020	1.0	6/4/2020	5.0	6/9/2020	6.0	6/9/2020	12	6/9/2020	13	6/9/2020
Total Chromium	14	6/9/2020	14	6/9/2020	8.9	6/8/2020	4.2	6/8/2020	2.4	6/8/2020	1.1	6/4/2020	5.2	6/9/2020	6.0	6/9/2020	13	6/9/2020	14	6/9/2020

Notes:

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

1: Analytical results are reported from TestAmerica.

2: On 06/08, 06/15, 06/22, and 06/29, the IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

3: On 06/29, IWF wells offline briefly due to maintenance at GWTP.

5: On 06/30, I-AA, I-C, I-L, I-M, I-N and I-R 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 ² (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 (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
06/01/20	0.58	1722.08	0.43	1723.57	5.4	1722.13	0.44	1720.71	0.62	1718.52	4.1	1722.91	0.35	1724.05	3.4	1720.93	1.2	1718.42	7.5	1716.30
06/02/20	0.59	1722.08	0.40	1723.65	5.4	1722.14	0.44	1720.77	0.62	1718.64	4.3	1722.92	0.31	1724.11	3.3	1720.94	1.2	1718.43	7.7	1716.36
06/03/20	0.58	1722.12	0.39	1723.73	5.4	1722.15	0.44	1720.79	0.62	1718.67	4.1	1722.94	0.28	1724.11	3.3	1720.96	1.2	1718.46	7.1	1716.42
06/04/20	0.57	1722.15	0.40	1725.34	5.6	1722.11	0.44	1720.81	0.60	1719.01	4.2	1722.96	0.29	1724.11	3.3	1720.97	1.2	1718.44	7.3	1716.47
06/05/20	0.58	1722.16	0.40	1725.34	5.6	1722.10	0.44	1720.82	0.59	1719.01	4.1	1722.96	0.29	1724.12	3.3	1720.98	1.2	1718.43	7.2	1716.47
06/06/20	0.59	1722.13	0.41	1725.37	5.6	1722.07	0.44	1720.82	0.59	1719.05	4.2	1722.96	0.33	1724.12	3.3	1720.94	1.2	1718.42	7.8	1716.44
06/07/20	0.59	1722.10	0.48	1725.40	5.6	1722.05	0.44	1720.78	0.59	1719.00	4.2	1722.95	0.38	1724.11	3.3	1720.89	1.2	1718.36	8.4	1716.36
06/08/20 ²	0.58	1722.08	0.42	1725.48	5.5	1722.04	0.44	1720.83	0.60	1719.04	4.2	1722.93	0.32	1724.09	3.3	1720.89	1.2	1718.38	7.6	1716.36
06/09/20	0.56	1722.12	0.45	1725.50	5.4	1722.06	0.43	1720.89	0.58	1719.50	4.4	1722.96	0.38	1724.13	3.3	1720.97	1.2	1718.42	8.3	1716.49
06/10/20	0.57	1722.15	0.42	1725.54	5.5	1722.08	0.43	1720.90	0.58	1719.11	4.3	1722.97	0.38	1724.15	3.3	1720.99	1.2	1718.42	7.5	1716.50
06/11/20	0.56	1722.17	0.36	1725.58	5.5	1722.10	0.43	1720.98	0.59	1719.14	4.3	1722.99	0.38	1724.17	3.3	1721.00	1.2	1718.44	7.6	1716.56
06/12/20	0.56	1722.19	0.37	1725.53	5.4	1722.11	0.42	1720.98	0.59	1719.14	4.2	1723.00	0.38	1724.18	3.3	1721.02	1.2	1718.43	7.5	1716.55
06/13/20	0.56	1722.19	0.43	1725.50	5.4	1722.12	0.42	1720.98	0.59	1718.85	4.3	1723.01	0.38	1724.20	3.3	1721.04	1.2	1718.45	7.8	1716.59
06/14/20	0.56	1722.20	0.45	1725.48	5.4	1722.12	0.42	1721.01	0.62	1718.67	4.3	1723.01	0.38	1724.21	3.3	1721.04	1.2	1718.45	8.0	1716.58
06/15/20 ²	0.56	1722.23	0.41	1725.54	5.5	1722.14	0.43	1720.95	0.59	1718.65	4.3	1723.03	0.37	1724.22	3.3	1721.07	1.2	1718.50	7.7	1716.63
06/16/20	0.56	1722.22	0.37	1725.60	5.4	1722.15	0.42	1721.05	0.63	1718.74	4.2	1723.01	0.38	1724.15	3.3	1721.07	1.2	1718.50	7.5	1716.63
06/17/20	0.56	1722.21	0.35	1725.61	5.4	1722.14	0.41	1721.04	0.62	1718.71	4.2	1722.98	0.38	1724.13	3.3	1721.05	1.2	1718.49	7.8	1716.53
06/18/20	0.56	1722.22	0.35	1725.57	5.4	1722.15	0.41	1721.11	0.62	1718.76	4.3	1722.99	0.37	1724.14	3.3	1721.07	1.2	1718.49	7.6	1716.59
06/19/20	0.56	1722.23	0.36	1725.57	5.4	1722.16	0.41	1721.12	0.62	1718.78	4.2	1723.00	0.35	1724.16	3.3	1721.08	1.3	1718.51	8.0	1716.62
06/20/20	0.56	1722.24	0.37	1725.50	5.4	1722.16	0.40	1721.13	0.62	1718.87	4.2	1723.01	0.29	1724.18	3.3	1721.09	1.1	1718.52	7.7	1716.62
06/21/20	0.55	1722.27	0.36	1725.48	5.4	1722.16	0.41	1721.13	0.62	1718.87	4.2	1723.02	0.27	1724.20	3.3	1721.09	1.2	1718.50	7.6	1716.65
06/22/20 ²	0.56	1722.27	0.37	1725.45	5.4	1722.15	0.41	1721.14	0.61	1719.00	4.2	1723.02	0.34	1724.19	3.3	1721.09	1.2	1718.50	7.7	1716.64
06/23/20	0.53	1722.29	0.36	1725.48	5.4	1721.16	0.41	1721.11	0.61	1718.76	4.2	1723.03	0.28	1724.20	3.3	1721.11	1.2	1718.53	7.2	1716.66
06/24/20	0.53	1722.29	0.36	1725.49	5.4	1722.17	0.41	1721.11	0.63	1718.75	4.0	1723.04	0.28	1724.22	3.3	1721.12	1.2	1718.54	7.7	1716.69
06/25/20	0.53	1722.27	0.34	1725.57	5.4	1722.17	0.41	1721.12	0.63	1718.73	4.2	1723.03	0.29	1724.21	3.3	1721.07	1.2	1718.56	7.8	1716.65
06/26/20	0.53	1722.29	0.33	1725.59	5.4	1722.18	0.41	1721.14	0.63	1718.76	4.0	1723.03	0.31	1724.03	3.3	1721.09	1.2	1718.56	7.5	1716.68
06/27/20	0.53	1722.31	0.35	1725.52	5.4	1722.19	0.41	1721.17	0.62	1718.89	4.1	1723.05	0.42	1724.05	3.3	1721.12	1.2	1718.55	7.5	1716.72
06/28/20	0.53	1722.32	0.36	1725.57	5.4	1722.21	0.41	1721.17	0.62	1718.87	4.1	1723.05	0.40	1724.06	3.3	1721.14	1.2	1718.56	7.5	1716.73
06/29/20 ²	0.53	1723.35	0.35	1728.44	5.4	1723.29	0.41	1722.45	0.62	1718.82	4.1	1724.23	0.33	1724.55	3.3	1724.07	1.2	1721.65	7.6	1722.27
06/30/20	0.36	1722.80	1.2	1723.50	5.4	1722.06	0.24	1721.95	0.67	1718.38	4.3	1723.08	0.31	1724.28	3.2	1721.27	1.00	1718.99	8.0	1716.90
Monthly Average	0.55	1722.26	0.41	1725.35	5.4	1722.13	0.42	1721.07	0.61	1718.86	4.2	1723.04	0.34	1724.16	3.3	1721.14	1.2	1718.60	7.7	1716.76
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	690	6/9/2020	640	6/4/2020	300	6/4/2020	840	6/9/2020	980	6/9/2020	670	6/8/2020	630	6/9/2020	590	6/9/2020	380	6/4/2020	410	6/8/2020
Hexavalent Chromium	14	6/9/2020	0.67	6/4/2020	1.5	6/4/2020	14	6/9/2020	14	6/9/2020	11	6/8/2020	12	6/9/2020	6.9	6/9/2020	0.86	6/4/2020	6.9	6/8/2020
Total Chromium	14	6/9/2020	0.64	6/4/2020	1.5	6/4/2020	15	6/9/2020	15	6/9/2020	12	6/8/2020	13	6/9/2020	7.0	6/9/2020	0.79	6/4/2020	7.4	6/8/2020

Notes:

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

1: Analytical results are reported from TestAmerica.

2: On 06/08, 06/15, 06/22, and 06/29, the IWF totalizers were reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.

3: On 06/29, IWF wells offline briefly due to maintenance at GWTP.

5: On 06/30, I-AA, I-C, I-L, I-M, I-N and I-R adjusted to meet flow target as directed by the Trust.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	LS #2	GWTP Effluent ¹				GW-11 Influent ¹				FBR Plant Influent ¹						
	Flow (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO ₂ (mg/L)	Flow ⁴ (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO ₂ (mg/L)	Flow ^{4,5} (gpm)	TA - ClO ₂ (mg/L)	ETI - ClO ₂ (mg/L)	TA - ClO ₂ (mg/L)	TA - NO ₂ - N (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)
06/01/20	955	62				0.00				1,017		90	120	13	0.028	0.030
06/02/20	946	62				0.00				1,017		88				
06/03/20	947	62	0.20	ND	470	0.00				1,025		91				
06/04/20	955	63				0.00				1,021		96				
06/05/20	935	62				0.00				999		97				
06/06/20	935	63				0.00				997	100	94				
06/07/20	936	62				0.00				999		93				
06/08/20 ³	944	62				4.9	0.11	0.031	62	1,032		87				
06/09/20	931	62				0.00				1,009		81		12	0.038	0.035
06/10/20	928	63	0.070	ND	430	0.00				1,026		83				
06/11/20	951	63				0.00				1,019		89				
06/12/20	955	62				0.00				1,018		81				
06/13/20	933	62				0.00				999	95	90				
06/14/20	944	62				0.00				1,027		87				
06/15/20 ³	941	62				0.00				1,019		92		11	0.043	0.041
06/16/20	931	62				0.00				1,039		95				
06/17/20	940	62	0.20	ND	410	0.00				1,011		95				
06/18/20	942	63				0.00				1,005		89				
06/19/20	940	63				0.00				1,016		90				
06/20/20	942	63				0.00				1,066	96	86				
06/21/20	944	62				0.00				1,083		94				
06/22/20 ³	940	62				0.00				1,003		89		12	0.037	0.036
06/23/20	938	62				0.00				1,000		94				
06/24/20	940	62	0.32	ND	450	0.00				1,002		95				
06/25/20	940	63				0.00				1,018		103				
06/26/20	940	63				0.00				1,022		97				
06/27/20	940	63				0.00				1,011	99	100				
06/28/20	940	62				0.00				1,002		95				
06/29/20 ³	940	62				0.00				1,033		90		10 F1	0.035	0.030
06/30/20	938	62				0.00				1,047		89				
Monthly Average ²	941	62	0.21	ND	440	0.16	0.110	0.031	62	1,019	98	91	120	12	0.037	0.035

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading. The only exceptions are the instantaneous flow readings recorded for the 1st and 2nd Stage FBR flows.
 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).
 F1 = MS and/or MSD Recovery 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 06/08, 06/15, 06/22, and 06/29, the LS #2 totalizer was reset. Instantaneous flow rate at the time of the water level measurement was used for these dates.
 4: 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 and maintenance.
 5: From 06/01 to 06/30, the FBR Plant Influent Flow was estimated by summing flows for LS #2, GWTP Effluent, and GW-11 Effluent.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics															
Date	1st Stage FBR ⁶			2nd Stage FBR ⁶			FBR Plant Effluent ⁷								
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow ⁷ (gpm)	TA - ClO ₂ (mg/L)	ETI - ClO ₂ (mg/L)	TA - ClO ₃ (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - NO ₂ - N (mg/L)	ETI - Turbidity (NTU)	
06/01/20	1,025	6.6	-375	809	6.3	-403	1,035		ND	ND	0.0056	0.00034	J	ND	26
06/02/20	1,083	6.6	-388	967	6.3	-409	1,040		ND						41
06/03/20	1,067	6.4	-351	880	6.3	-416	1,077		ND						25
06/04/20	1,055	6.4	-290	852	6.3	-386	1,018		ND						22
06/05/20	1,045	6.4	-369	733	6.4	-399	1,049		ND						14
06/06/20	1,042	6.4	-367	774	6.6	-409	735	ND	ND						27
06/07/20	1,034	6.3	-392	955	6.6	-416	1,019		ND						27
06/08/20	1,089	6.5	-399	1,024	6.7	-404	1,048		ND						17
06/09/20	1,055	6.4	-399	962	6.6	-410	1,066		ND		0.011	ND	ND		20
06/10/20	1,065	6.4	-410	727	6.5	-411	1,066		ND						29
06/11/20	1,071	6.5	-378	956	6.5	-392	1,030		ND						37
06/12/20	1,009	6.5	-310	894	6.5	-399	1,032		ND						35
06/13/20	1,103	6.5	-343	885	6.6	-405	1,001	ND	ND						28
06/14/20	1,090	6.4	-364	954	6.5	-405	1,074		ND						36
06/15/20	1,119	6.4	-399	1,000	6.3	-398	1,069		ND		0.0080	ND	ND		35
06/16/20	1,114	6.4	-409	1,008	6.4	-383	1,086		ND						37
06/17/20	1,052	6.3	-379	881	6.3	-389	1,058		ND						34
06/18/20	1,037	6.3	-255	711	6.3	-373	1,021		ND						24
06/19/20	1,107	6.4	-288	954	6.3	-383	1,031		ND						24
06/20/20	1,127	6.4	-265	925	6.4	-388	1,116	ND	ND						27
06/21/20	923	6.5	-324	989	6.5	-397	1,099		ND						24
06/22/20	1,013	6.3	-316	867	6.4	-392	1,049		ND		0.013	ND	ND		20
06/23/20	1,005	6.3	-276	923	6.3	-395	1,029		ND						58
06/24/20	938	6.2	-321	872	6.4	-399	733		ND						23
06/25/20	1,079	6.4	-271	969	6.2	-360	1,025		ND						14
06/26/20	1,029	6.3	-262	730	6.4	-320	1,084		ND						7
06/27/20	1,098	6.4	-322	1,041	6.5	-330	753	ND	ND						27
06/28/20	1,071	6.4	-346	664	6.5	-342	1,117		ND						0
06/29/20	1,069	6.4	-399	898	6.4	-350	1,034		ND		0.0079	ND	ND		29
06/30/20	1,061	6.4	-412	927	6.4	-358	890		ND						35
Monthly Average ²	1,056	6.4	-346	891	6.4	-388	1,016	ND	ND	ND	0.0094	0.00006	ND	ND	26

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading. The only exceptions are the instantaneous flow readings recorded for the 1st and 2nd Stage FBR flows.

ND = Not detected above laboratory method detection limit (ClO₂ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₂-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.

6: 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.

7: 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 ¹				
Date	Field Measurement (ft)	Volume (MG)		
06/15/20	31.4	34.8		
06/30/20	32.1	34.0		

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
06/11/20	0	0	675	0
06/26/20	0	0	681	0

GW-11 Composite Sample ³		
Analytes	Concentration	Units
Perchlorate	5.1	mg/L
Chlorate	4.8	mg/L
Ammonia as N	0.18 J	mg/L
Total Phosphorus	ND	mg/L
Total Dissolved Solids (TDS)	11,000	mg/L
Total Suspended Solids (TSS)	8.8	mg/L
pH	8.6 HF	s.u.
Calcium	480	mg/L
Iron	0.056 J	mg/L
Chromium (total)	0.0084	mg/L
Chromium VI	ND	mg/L
Chloride	3,300	mg/L
Nitrate as N	ND	mg/L
Sulfate	2,900	mg/L

Notes:

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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.

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).

- 1: A transducer installed along the eastern berm provides water pressure measurements that are correlated to elevations for calculation of water depths. Results from a December 2018 bathymetric survey of the pond will be used to identify adjustment to the procedure, if necessary.
- 2: Pumping occurs over three consecutive days. The total amount pumped over the three day period is listed with the last day pumping occurred.
- 3: GW-11 Corner Composite Sample is collected quarterly, most recent sampling results are presented. Sampled on: May 7, 2020.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics						
Date	Flow ¹ (gpm)	FBR Influent Concentration			Influent Function Load ³ (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO ₄ ² (mg/L)	NO ₃ as N (mg/L)	ClO ₃ (mg/L)		
July 2019	1,007	102	10	140	621	729
Aug 2019	1,005	123	10	140	664	674
Sep 2019	1,015	123	11	130	662	629
Oct 2019	1,012	217	10	130	852	683
Nov 2019	1,019	258	9.5	130	942	727
Dec 2019	1,050	235	9	120	895	773
Jan 2020	1,050	73	9	120	529	757
Feb 2020	1,060	54	10	120	502	730
Mar 2020	1,073	66	10	130	556	713
Apr 2020	1,078	77	11	100	525	658
May 2020	1,065	86	11	120	582	598
June 2020	1,019	98	12	120	592	548

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.

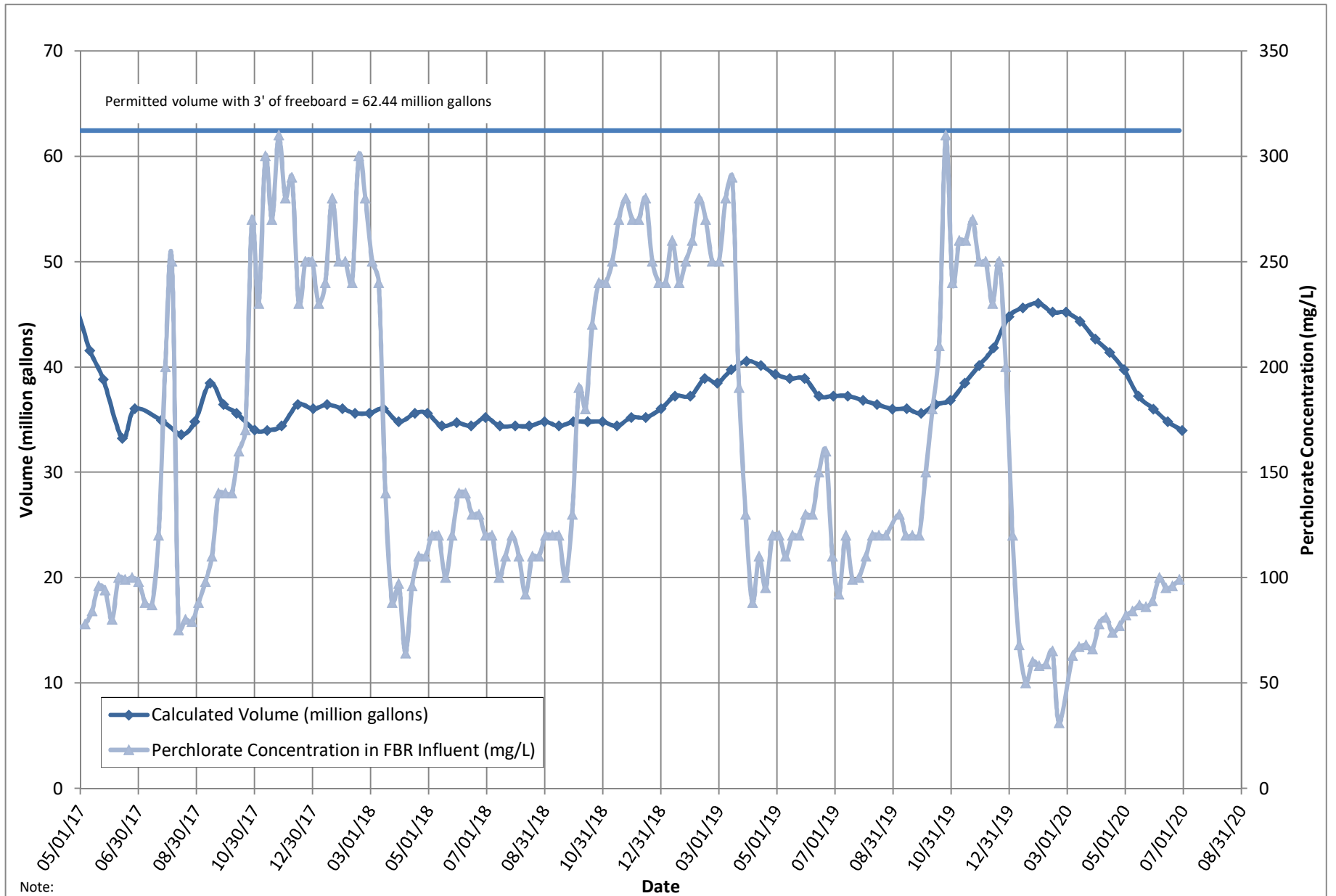
2: The AP-5 wash water feed rate was increased on October 1, 2019 in accordance with the higher seasonal ammonia permit limits beginning October 1. The AP-5 wash water feed rate was decreased in March 2020 to prepare for the lower seasonal ammonia permit limits beginning April 1. AP-5 sediment mixing and solids washing activities were completed on January 4, 2020. Wash water is still being transferred to T-205 to be processed.

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

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	E1-1		E1-2		E1-3		E2-1		E2-2		E2-3		E2-4		E2-5	
	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 (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
06/01/20	2.7	1711.41	1.3	1710.70	0.97	1712.12	1.0	1717.41	1.4	1715.92	1.4	1718.97	1.8	1714.66	0.66	1716.09
06/02/20	2.7	1711.62	1.4	1711.00	1.0	1713.00	1.0	1717.31	1.4	1715.94	1.4	1718.80	1.8	1714.21	0.69	1716.01
06/03/20	2.7	1711.51	1.3	1711.21	1.0	1713.78	1.0	1717.38	1.4	1715.64	1.4	1718.54	1.9	1713.99	0.68	1715.70
06/04/20	2.5	1711.33	1.4	1710.14	1.0	1714.02	1.1	1717.01	1.4	1715.49	1.5	1718.48	1.9	1714.35	0.72	1715.20
06/05/20	2.5	1711.78	1.3	1709.55	0.99	1713.50	1.0	1716.39	1.4	1716.03	1.4	1718.93	1.8	1714.96	0.68	1715.37
06/06/20	2.5	1711.92	1.3	1711.07	1.00	1714.04	1.0	1716.49	0.51	1717.04	1.5	1719.27	1.8	1715.30	0.67	1716.20
06/07/20	2.5	1711.67	1.3	1709.89	1.0	1713.24	1.1	1716.23	1.3	1716.76	1.4	1719.08	1.8	1715.03	0.63	1715.25
06/08/20	2.4	1711.44	1.3	1709.86	1.0	1713.16	1.0	1716.21	1.2	1716.37	1.4	1718.34	1.7	1715.05	0.61	1714.62
06/09/20	2.5	1711.37	1.3	1710.15	1.0	1712.84	1.1	1715.05	1.3	1716.10	1.4	1717.49	2.0	1714.98	0.65	1713.93
06/10/20	2.5	1711.57	1.3	1709.67	1.0	1712.07	1.1	1713.91	1.3	1716.28	1.4	1716.54	1.8	1713.43	0.67	1714.17
06/11/20	2.5	1711.64	1.3	1711.03	1.0	1713.56	1.1	1715.24	1.3	1717.12	1.5	1718.62	1.8	1714.44	0.66	1715.92
06/12/20	2.4	1711.58	1.3	1711.93	0.99	1712.57	0.94	1715.79	1.3	1717.29	1.5	1718.33	1.8	1714.29	0.66	1715.81
06/13/20	2.5	1711.28	1.3	1711.54	1.0	1712.79	0.95	1715.10	1.3	1716.81	1.5	1718.20	1.9	1714.50	0.66	1715.66
06/14/20	2.3	1711.78	1.2	1712.31	0.97	1713.77	0.88	1715.37	1.2	1717.37	1.4	1717.94	1.8	1715.26	0.63	1715.97
06/15/20	2.4	1711.21	1.3	1711.91	1.0	1713.36	1.0	1717.38	1.2	1716.72	1.4	1718.04	1.9	1713.97	0.67	1716.82
06/16/20	2.5	1710.95	1.3	1712.20	1.0	1713.07	1.0	1717.25	1.2	1717.22	1.4	1718.23	1.9	1714.26	0.66	1717.53
06/17/20	2.3	1710.88	1.3	1712.00	0.99	1712.61	1.0	1717.07	0.81	1716.96	1.3	1718.08	1.8	1714.19	0.66	1718.00
06/18/20 ²	2.5	1712.07	1.4	1713.41	0.91	1712.75	1.0	1716.71	0.68	1722.54	1.3	1721.09	1.9	1716.01	0.13	1717.61
06/19/20	2.5	1711.50	1.4	1712.18	0.92	1714.36	1.0	1716.24	0.80	1723.81	1.5	1722.03	1.9	1716.36	0.70	1716.79
06/20/20	2.5	1712.28	1.4	1712.74	0.94	1713.06	1.1	1718.29	0.86	1722.87	1.8	1719.93	1.8	1715.29	0.73	1716.71
06/21/20	2.5	1712.68	1.4	1713.24	0.95	1712.67	1.1	1715.60	1.0	1721.47	1.7	1718.30	1.8	1716.53	0.73	1717.27
06/22/20	2.5	1711.57	1.4	1711.98	0.93	1714.30	1.1	1714.69	0.55	1721.18	1.8	1716.82	1.9	1715.20	0.73	1716.12
06/23/20	2.5	1711.13	1.4	1710.00	0.96	1715.54	1.1	1713.50	1.0	1721.00	1.7	1715.24	1.9	1713.90	0.73	1714.53
06/24/20	2.5	1710.96	1.4	1710.25	0.95	1714.61	1.1	1713.00	1.0	1718.57	1.7	1714.89	1.9	1713.68	0.74	1713.53
06/25/20	2.5	1711.00	1.4	1709.84	0.95	1714.68	1.1	1712.58	0.97	1718.54	1.6	1715.65	1.8	1713.35	0.73	1714.75
06/26/20	2.5	1710.15	1.4	1709.69	0.95	1713.93	1.2	1712.66	0.97	1717.05	1.6	1715.51	1.9	1713.29	0.75	1714.72
06/27/20	2.5	1710.28	1.4	1709.90	0.94	1713.84	1.2	1712.90	0.96	1715.43	1.6	1715.29	1.9	1712.99	0.72	1714.05
06/28/20	2.5	1711.58	1.4	1710.61	0.92	1714.41	1.1	1713.20	0.99	1716.37	1.6	1715.84	1.9	1713.11	0.69	1714.47
06/29/20	2.5	1711.52	1.4	1710.30	0.93	1713.60	1.2	1712.77	0.95	1717.06	1.6	1716.37	1.8	1712.30	0.66	1714.09
06/30/20	2.5	1711.36	1.4	1709.59	0.90	1713.37	1.1	1712.44	1.2	1718.26	1.5	1714.95	1.7	1711.81	0.68	1713.60
Monthly Average	2.5	1711.44	1.3	1711.00	0.98	1713.49	1	1715.37	1.1	1717.84	1.5	1717.79	1.8	1714.36	0.67	1715.55
Analytical ¹	Conc (mg/L)	Date	Conc ² (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 ³ (mg/L)	Date
Perchlorate	510	6/4/2020	1,200	6/4/2020	500	6/4/2020	99	6/4/2020	290	6/4/2020	640	6/4/2020	760	6/4/2020	1,100	6/4/2020
Hexavalent Chromium	0.048	6/4/2020	0.29	6/4/2020	0.54	6/4/2020	0.011	6/4/2020	0.021	6/4/2020	0.034	6/4/2020	0.056	6/4/2020	0.13	6/4/2020
Total Chromium	0.048	6/4/2020	0.27	6/4/2020	0.45	6/4/2020	0.030	6/4/2020	0.029	6/4/2020	0.042	6/4/2020	0.057	6/4/2020	0.14	6/4/2020

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 The flow rate at individual wells is adjusted daily to maintain the water level in the wells above the pump.
 1: Analytical results are reported from TestAmerica.
 2: On 06/18, AP Area wells offline briefly due to maintenance.
 3: Duplicates taken on 06/04 for well E2-5; average of both values is presented and used for calculations.

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



Note:

1. 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. The AP-5 wash water feed rate was increased on October 1, 2019 in accordance with the higher seasonal ammonia permit limits beginning October 1. The AP-5 wash water feed rate was decreased in March 2019 to prepare for the lower seasonal ammonia permit limits beginning April 1.

Figure 2 - FBR Equivalent Loading Calculation

