

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 <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)
12/01/22	481	157	1536.69	74	1544.85	126	1543.25	108	1533.33	65	1548.18	109	1548.87	51	1549.90	20	1551.27	8.3	< 1520.00	
12/02/22 <sup>2</sup>	454	137	1538.11	65	1545.30	110	1544.02	94	1535.12	57	1548.80	95	1549.29	45	1550.25	17	1551.49	7.4	< 1520.00	
12/03/22	486	157	1537.05	74	1545.01	126	1543.39	108	1533.53	65	1548.37	109	1548.96	52	1549.98	20	1551.33	8.8	< 1520.00	
12/04/22	481	157	1536.87	74	1544.95	126	1543.34	108	1533.46	65	1548.28	109	1548.92	52	1549.95	20	1551.30	8.5	< 1520.00	
12/05/22	484	157	1536.80	74	1544.94	126	1543.32	108	1533.43	65	1548.26	109	1548.91	52	1549.94	20	1551.30	8.4	< 1520.00	
12/06/22	485	157	1536.76	74	1544.93	126	1543.30	108	1533.40	65	1548.24	109	1548.90	52	1549.92	20	1551.29	8.4	< 1520.00	
12/07/22	477	157	1536.79	74	1544.96	126	1543.32	101	1534.24	65	1548.25	109	1548.91	52	1549.93	20	1551.29	8.4	< 1520.00	
12/08/22	479	157	1536.82	74	1544.99	126	1543.36	106	1533.75	59	1548.50	104	1549.03	50	1550.03	19	1551.37	8.4	< 1520.00	
12/09/22	481	157	1536.79	74	1544.96	126	1543.32	108	1533.51	65	1548.26	109	1548.93	51	1549.96	20	1551.32	8.9	< 1520.00	
12/10/22	481	157	1536.77	74	1544.95	126	1543.33	108	1533.49	65	1548.26	109	1548.93	51	1549.97	20	1551.33	8.7	< 1520.00	
12/11/22	481	157	1536.76	74	1544.95	126	1543.34	108	1533.48	65	1548.28	109	1548.95	51	1549.98	20	1551.34	8.5	< 1520.00	
12/12/22	151	48	1544.28	23	1547.45	38	1547.62	33	1543.22	20	1551.45	33	1551.30	16	1551.97	6.1	1552.66	2.6	< 1520.00	
12/13/22	0.56	0.0	1548.12	0.07	1549.06	0.0	1549.98	0.0	1547.99	0.0	1553.29	0.0	1552.80	0.0	1553.25	0.0	1553.61	0.01	< 1520.00	
12/14/22	0.0	0.0	1548.12	0.0	1549.06	0.0	1549.98	0.0	1547.99	0.0	1553.29	0.0	1552.80	0.0	1553.25	0.0	1553.61	0.0	< 1520.00	
12/15/22	0.0	0.0	1549.12	0.05	1549.90	0.0	1550.66	0.0	1548.89	0.02	1553.58	106	1551.91	48	1552.43	20	1553.33	9.1	< 1520.00	
12/16/22	180	70	1545.02	33	1548.35	56	1548.46	48	1543.09	0.05	1552.93	109	1551.46	52	1552.08	21	1552.02	9.5	1520.00	
12/17/22	506	158	1538.97	75	1546.16	127	1545.15	109	1535.22	0.0	1551.49	109	1550.63	52	1551.43	21	1552.62	9.6	< 1520.00	
12/18/22	507	158	1538.51	75	1546.09	127	1544.87	109	1534.91	0.0	1551.24	109	1550.41	52	1551.23	21	1552.45	9.6	< 1520.00	
12/19/22	507	158	1538.23	75	1546.02	127	1544.69	108	1534.71	0.01	1549.23	109	1550.25	52	1551.10	20	1552.33	9.6	< 1520.00	
12/20/22	514	154	1538.32	73	1545.93	124	1544.52	106	1534.90	52	1548.85	107	1549.99	51	1550.92	20	1552.20	9.4	< 1520.00	
12/21/22	476	158	1537.84	75	1545.70	127	1544.19	108	1534.39	67	1548.28	109	1549.72	52	1550.71	20	1552.03	9.5	< 1520.00	
12/22/22	476	158	1537.65	75	1545.60	127	1544.08	108	1534.24	64	1548.26	109	1549.63	52	1550.63	20	1551.95	9.5	< 1520.00	
12/23/22	476	158	1537.53	75	1545.52	127	1543.99	108	1534.13	64	1548.18	109	1549.55	52	1550.55	20	1551.89	9.5	< 1520.00	
12/24/22	472	158	1537.48	75	1545.46	127	1543.92	108	1534.04	64	1548.11	109	1549.49	52	1550.49	20	1551.83	9.4	< 1520.00	
12/25/22	473	158	1537.45	75	1545.41	127	1543.87	108	1533.98	64	1548.07	109	1549.44	52	1550.44	20	1551.78	9.4	< 1520.00	
12/26/22	473	158	1537.39	75	1545.37	127	1543.82	108	1533.92	64	1548.03	109	1549.40	52	1550.40	20	1551.75	9.4	< 1520.00	
12/27/22	474	158	1537.32	75	1545.34	127	1543.79	108	1533.88	64	1548.01	109	1549.38	52	1550.38	20	1551.73	9.4	< 1520.00	
12/28/22	473	158	1537.25	75	1545.30	127	1543.75	108	1533.83	64	1547.97	109	1549.34	52	1550.34	20	1551.68	9.3	< 1520.00	
12/29/22	474	158	1537.22	75	1545.27	127	1543.71	108	1533.78	64	1547.94	109	1549.29	52	1550.29	20	1551.64	9.3	< 1520.00	
12/30/22	476	158	1537.21	75	1545.25	127	1543.68	108	1533.74	64	1547.91	109	1549.26	52	1550.26	20	1551.61	9.2	< 1520.00	
12/31/22	477	158	1537.18	75	1545.22	127	1543.66	108	1533.71	64	1547.90	109	1549.24	52	1550.24	20	1551.58	9.2	< 1520.00	
Monthly Average	415	135	1538.92	64	1545.88	109	1544.70	92	1535.98	48	1549.22	99	1549.80	47	1550.72	18	1551.94	8.2	1520.00	
Analytical	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	15	12/5/2022	17	12/5/2022	9.3	12/5/2022	7.1	12/5/2022	4.1	12/5/2022	0.91	12/5/2022	0.13	12/5/2022	0.19	12/5/2022	1.1	12/5/2022	1.1	12/5/2022
Hexavalent Chromium	0.0046	12/5/2022	ND	12/5/2022	ND	12/5/2022	0.0058	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022
Total Chromium	0.0018 J	12/5/2022	ND	12/5/2022	ND	12/5/2022	0.0040 J	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022	ND	12/5/2022

**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 Eurofins TestAmerica.  
 2: On 12/02, SWF offline due to communication loss.  
 3: From 12/12 - 12/16, PC-116R, PC-99R2/R3, PC-115R, and PC-117 offline due to maintenance  
 4: Duplicates taken on 12/5 for well PC-117; average of both values is presented and used for calculations.  
 5: From 12/12 - 12/18, PC-118 offline due to maintenance.  
 6: From 12/12 - 12/15, PC-119, PC-120, PC-121, and PC-133 offline due to maintenance

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 <sup>4</sup> (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 <sup>5</sup> (gpm)	Water Elevation (ft amsl)
12/01/22	403	42	1584.20	142	1584.14	22	1583.01	3.8	1578.85	41	1576.78	26	1579.47	173	1583.50	1.5	1578.46
12/02/22 <sup>2</sup>	406	39	1584.29	133	1584.37	21	1583.19	3.6	1579.14	39	1577.27	26	1579.35	162	1583.69	1.5	1578.45
12/03/22	402	42	1584.28	142	1584.27	22	1583.10	3.9	1578.86	42	1576.83	27	1579.06	174	1583.59	1.5	1578.46
12/04/22	401	42	1584.23	142	1584.20	22	1583.05	3.9	1578.86	41	1576.82	27	1579.05	174	1583.54	1.5	1578.46
12/05/22	400	42	1584.21	142	1584.17	22	1583.03	3.8	1578.86	41	1576.82	26	1579.05	174	1583.52	1.5	1578.46
12/06/22	400	42	1584.19	142	1584.15	22	1583.01	3.8	1578.85	41	1576.82	26	1579.05	174	1583.50	1.5	1578.45
12/07/22	400	42	1584.17	141	1584.13	22	1583.00	3.8	1578.85	41	1576.82	26	1579.05	174	1583.48	1.5	1578.45
12/08/22	400	42	1584.16	142	1584.12	22	1582.99	3.8	1578.85	41	1576.80	26	1579.05	174	1583.47	1.5	1578.45
12/09/22	399	42	1584.15	142	1584.12	22	1582.99	3.8	1578.85	41	1576.79	26	1579.05	174	1582.85	1.5	1578.44
12/10/22	399	42	1584.15	142	1584.12	22	1582.99	3.8	1578.85	41	1576.80	26	1579.05	174	1583.47	1.5	1578.44
12/11/22	399	42	1584.15	141	1584.13	22	1582.99	3.8	1578.85	41	1576.80	26	1579.05	174	1583.47	1.5	1578.44
12/12/22	397	42	1584.14	142	1584.11	22	1582.99	3.8	1578.85	41	1576.82	26	1579.05	174	1583.47	1.5	1578.44
12/13/22 <sup>3</sup>	304	31	1584.67	106	1585.27	18	1583.97	3.0	1580.06	33	1578.94	23	1580.32	130	1584.01	1.5	1578.46
12/14/22	405	42	1584.47	142	1584.54	23	1583.32	4.1	1578.85	42	1576.91	27	1579.05	174	1581.99	1.5	1578.49
12/15/22	403	42	1584.36	142	1584.38	22	1583.19	4.0	1578.85	41	1576.84	27	1579.04	174	1581.96	1.5	1578.48
12/16/22	402	42	1584.30	142	1584.31	22	1583.14	4.0	1578.85	41	1576.82	26	1579.04	174	1581.93	1.5	1578.47
12/17/22	402	42	1584.27	142	1584.27	22	1583.11	3.9	1578.85	41	1576.82	26	1579.04	174	1581.89	1.5	1578.46
12/18/22	401	42	1584.25	142	1584.24	22	1583.09	3.9	1578.85	41	1576.80	26	1579.04	174	1581.87	1.5	1578.45
12/19/22	401	42	1584.22	142	1584.22	22	1583.07	3.9	1578.84	41	1576.76	26	1579.03	174	1581.84	1.5	1578.45
12/20/22	400	42	1577.51	142	1584.22	22	1583.06	3.9	1578.84	41	1576.74	26	1579.03	174	1581.82	1.5	1578.45
12/21/22	401	42	< 1565.00	142	1584.20	22	1583.06	3.9	1578.84	40	1576.84	26	1579.02	174	1581.94	1.5	1578.45
12/22/22	401	42	1579.62	142	1584.19	22	1583.05	3.9	1578.84	40	1576.84	26	1579.02	174	1581.96	1.5	1578.45
12/23/22	400	42	1584.19	142	1584.19	22	1583.04	3.9	1578.84	40	1576.84	26	1579.02	174	1581.94	1.5	1578.45
12/24/22	400	42	1584.17	142	1584.18	22	1583.04	3.9	1578.84	40	1576.85	26	1579.02	174	1581.91	1.5	1578.45
12/25/22	400	42	1584.17	142	1584.17	22	1583.04	3.8	1578.84	40	1576.87	26	1579.02	174	1581.94	1.5	1578.45
12/26/22	400	42	1584.16	142	1584.17	22	1583.03	3.8	1578.84	40	1576.88	26	1579.02	174	1581.95	1.5	1578.45
12/27/22	400	42	1584.16	142	1584.17	22	1583.04	3.8	1578.84	40	1576.86	26	1579.03	173	1581.95	1.5	1578.45
12/28/22	400	42	1584.15	142	1584.16	22	1583.03	3.8	1578.84	40	1576.83	26	1579.03	173	1581.94	1.5	1578.45
12/29/22	400	42	1584.13	141	1584.14	22	1583.02	3.8	1578.84	40	1576.81	26	1579.03	173	1581.93	1.5	1578.44
12/30/22	399	42	1584.12	141	1584.13	22	1583.01	3.8	1578.84	40	1576.83	26	1579.02	173	1581.93	1.5	1578.44
12/31/22	399	42	1584.11	141	1584.12	22	1583.00	3.8	1578.84	40	1576.87	26	1579.03	173	1581.93	1.5	1578.44
Monthly Average	398	42	1583.24	140	1584.24	22	1583.08	3.8	1578.90	40	1576.91	26	1579.10	172	1582.59	1.5	1578.45
Analytical <sup>1</sup>		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) <sup>6</sup>	Date
Perchlorate		24	12/5/2022	6.7	12/5/2022	150	12/5/2022	96	12/5/2022	150	12/5/2022	70	12/5/2022	50	12/5/2022	29	12/5/2022
Hexavalent Chromium		ND	12/5/2022	0.0020	12/5/2022	0.28	12/5/2022	0.026	12/5/2022	0.45	12/5/2022	0.45	12/5/2022	0.060	12/5/2022	0.035	12/5/2022
Total Chromium		ND	12/5/2022	ND	12/5/2022	0.27	12/5/2022	0.14	12/5/2022	0.55	12/5/2022	0.43	12/5/2022	0.051	12/5/2022	0.031	12/5/2022

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 ug/L; ClO<sub>3</sub> = 10 ug/L; NO<sub>2</sub>-N = 0.055 mg/L; Cr(VI) = 0.25 ug/L).  
 ART-1, 2, 3, 4, 7B, and 8 have adjacent recovery wells, both of which can be used for extraction. The pumping well can be chosen manually or automatically, based on operational considerations.  
 The wells with transducers are ART-1, -2, -3, -4, -7A, -8, -9, and PC-150  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 12/02, AWF offline due to communication loss.  
 3: On 12/13, AWF offline due to maintenance.  
 4: On 12/20, ART-1 transducer offline briefly due to power loss.  
 5: Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow of 1.5 gpm determined from flow tests is presented for 12/01-12/31 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.  
 6: Duplicates taken on 12/5 for well PC-150; average of both values is presented and used for calculations.

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 <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>3,5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,7,8</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
12/01/22	0.22	1715.11	0.88	1707.70	0.0	1718.77	0.0	1723.89	0.83	1718.83	0.41	1709.64	2.7	1708.74	1.1	1705.61	1.0	1713.66	3.0	1708.82
12/02/22	0.21	1715.12	0.88	1707.70	0.0	1718.77	0.0	1723.78	0.84	1718.71	0.41	1709.63	2.7	1708.74	1.1	1705.61	1.0	1713.56	2.8	1709.48
12/03/22	0.21	1715.11	0.88	1707.68	0.0	1718.77	0.0	1723.77	0.83	1718.82	0.41	1709.63	2.7	1708.74	1.1	1705.61	1.0	1713.54	2.7	1708.99
12/04/22	0.21	1715.11	0.88	1707.68	0.0	1718.78	0.0	1723.79	0.83	1718.82	0.41	1709.64	2.7	1708.74	1.1	1705.61	1.00	1713.55	2.7	1708.98
12/05/22	0.21	1715.12	0.88	1707.68	0.0	1718.79	0.0	1723.79	0.83	1718.86	0.41	1709.66	2.7	1708.74	1.1	1705.61	0.99	1713.58	2.6	1708.99
12/06/22	0.22	1715.11	0.88	1707.67	0.0	1718.79	0.0	1723.81	0.83	1718.86	0.41	1709.67	2.7	1708.73	1.1	1705.61	0.99	1713.57	2.6	1709.00
12/07/22	0.22	1715.09	0.89	1707.67	0.0	1718.79	0.0	1723.80	0.83	1718.83	0.41	1709.67	2.7	1708.72	1.1	1705.61	0.98	1713.63	2.6	1709.00
12/08/22	0.22	1715.08	0.88	1707.66	0.02	1718.29	0.10	1716.30	0.83	1718.81	0.41	1709.66	2.7	1708.72	1.1	1705.61	0.98	1713.65	2.5	1709.00
12/09/22	0.22	1715.08	0.89	1707.66	0.0	1718.82	0.1	1710.00	0.83	1718.81	0.41	1709.66	2.7	1708.72	1.1	1705.61	0.98	1713.66	2.5	1709.01
12/10/22	0.22	1715.08	0.89	1707.66	0.0	1718.79	0.1	1710.00	0.82	1718.88	0.40	1709.64	2.7	1708.72	1.1	1705.61	0.98	1713.66	2.5	1709.01
12/11/22	0.22	1715.09	0.89	1707.66	0.0	1718.78	0.1	1710.00	0.82	1718.93	0.40	1709.65	2.7	1708.72	1.0	1705.61	0.96	1713.74	2.6	1709.01
12/12/22	0.22	1715.10	0.88	1707.65	0.0	1718.77	0.1	1710.00	0.82	1718.90	0.40	1709.64	2.7	1708.72	1.0	1705.61	0.86	1714.51	2.6	1709.01
12/13/22 <sup>2</sup>	0.23	1715.10	0.88	1707.67	0.0	1718.79	0.1	< 1710.00	0.82	1718.90	0.40	1709.65	2.7	1708.75	0.97	1706.57	0.81	1714.87	2.5	1709.01
12/14/22	0.21	1715.19	0.82	1708.50	0.0	1718.84	0.1	1710.06	0.74	1719.29	0.37	1710.40	2.4	1709.95	0.92	1707.33	0.87	1714.08	2.5	1709.84
12/15/22 <sup>2</sup>	0.11	1719.59	0.80	1709.62	0.0	1719.13	0.0	1722.49	0.57	1721.03	0.18	1715.17	2.3	1711.74	0.83	1709.38	0.67	1715.96	3.0	1712.00
12/16/22	0.03	1724.74	0.91	1707.67	0.0	1719.15	0.0	1723.91	0.69	1720.29	0.28	1713.87	2.8	1708.74	1.0	1707.55	0.80	1715.37	3.3	1708.73
12/17/22	0.03	1725.41	0.91	1707.68	0.0	1719.04	0.0	1724.01	0.69	1720.26	0.46	1709.47	2.8	1708.74	1.0	1707.60	0.86	1714.78	3.4	1708.73
12/18/22	0.03	1725.46	0.90	1707.72	0.0	1719.02	0.0	1724.04	0.69	1720.27	0.45	1709.53	2.8	1708.74	1.0	1707.65	1.2	1710.33	3.2	1708.72
12/19/22	0.03	1725.48	0.90	1707.70	0.0	1719.95	0.0	1723.99	0.69	1720.26	0.45	1709.52	2.8	1708.74	1.0	1707.66	1.1	1711.49	3.1	1708.72
12/20/22	0.03	1725.48	0.90	1707.70	0.0	1718.92	0.0	1723.96	0.69	1720.25	0.44	1709.50	2.8	1708.74	1.0	1707.54	1.1	1712.02	3.0	1708.73
12/21/22	0.03	1725.34	0.90	1707.70	0.0	1718.92	0.0	1723.99	0.69	1720.25	0.44	1709.49	2.8	1708.74	1.0	1707.41	1.1	1711.69	3.1	1708.73
12/22/22	0.23	1718.58	0.90	1707.74	0.0	1718.91	0.0	1723.98	0.69	1720.25	0.44	1709.50	2.8	1708.74	1.1	1707.05	1.1	1711.08	3.1	1708.74
12/23/22	0.22	1715.04	0.90	1707.68	0.0	1718.91	0.0	1723.93	0.69	1720.26	0.44	1709.50	2.8	1708.74	1.1	1706.91	1.1	1711.30	3.1	1708.74
12/24/22	0.22	1715.05	0.90	1707.70	0.0	1718.91	0.0	1723.90	0.68	1720.28	0.44	1709.50	2.8	1708.74	1.1	1706.88	1.1	1711.48	3.1	1708.73
12/25/22	0.22	1715.04	0.90	1707.68	0.0	1718.91	0.0	1723.90	0.68	1720.31	0.44	1709.50	2.8	1708.74	1.1	1706.54	1.1	1712.14	3.1	1708.73
12/26/22	0.22	1715.04	0.90	1707.68	0.0	1718.91	0.0	1723.92	0.68	1720.32	0.45	1709.50	2.8	1708.74	1.1	1706.62	0.59	1716.68	3.2	1708.72
12/27/22	0.22	1715.02	0.90	1707.76	0.0	1718.95	0.0	1723.97	0.68	1720.34	0.45	1709.61	2.4	1711.34	1.1	1707.11	0.61	1716.61	3.3	1708.73
12/28/22	0.22	1715.04	0.89	1707.92	0.0	1719.07	0.0	1723.95	0.67	1719.34	0.43	1710.68	2.8	1709.27	1.1	1707.75	0.75	1710.79	3.3	1708.73
12/29/22	0.23	1715.03	0.88	1708.09	0.0	1719.12	0.0	1723.97	0.67	1720.33	0.41	1711.26	2.9	1708.74	1.0	1708.21	0.97	1714.21	3.0	1708.92
12/30/22	0.23	1715.02	0.64	1712.18	0.02	1718.62	0.0	1723.97	0.67	1720.34	0.45	1710.00	2.8	1708.99	1.0	1708.27	1.0	1714.25	2.9	1709.30
12/31/22	0.23	1715.03	0.62	1713.29	0.0	1719.11	0.0	1723.96	0.67	1720.36	0.43	1710.01	2.8	1708.74	1.0	1708.46	0.94	1714.33	2.9	1709.05
Monthly Average	0.18	1717.32	0.87	1708.12	0.0	1718.87	0.03	1720.93	0.74	1719.68	0.41	1710.05	2.7	1708.98	1.0	1706.77	0.96	1713.64	2.9	1709.03
Analytical <sup>1</sup>	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	330	12/8/2022	25	12/8/2022	62	12/8/2022	160	12/8/2022	160	12/8/2022	200	12/8/2022	390	12/6/2022	410	12/6/2022	380	12/6/2022	500	12/6/2022
Hexavalent Chromium	0.85	12/8/2022	0.053 Q	12/8/2022	ND	12/8/2022	ND	12/8/2022	1.7	12/8/2022	0.16	12/8/2022	3.0	12/6/2022	4.6	12/6/2022	5.1	12/6/2022	12	12/6/2022
Total Chromium	1.20	12/8/2022	0.055	12/8/2022	0.029	12/8/2022	1.8	12/8/2022	1.7	12/8/2022	0.16	12/8/2022	2.5	12/6/2022	4.3	12/6/2022	5.7	12/6/2022	11	12/6/2022

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 Q = Sample was prepared and/or analyzed past holding time.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 12/13 and 12/15, IWF offline due to maintenance.  
 3: On 12/27, 12/28, and 12/30, I-AA, I-AB, I-B, I-C, I-L, I-R, I-S, and I-Y were offline due to maintenance.  
 4: Duplicates taken on 12/8 for I-AB; average of both values is presented and used for calculations.  
 5: On 12/30, I-B, I-L, I-R, and I-S adjusted to meet flow targets as directed by the Trust.  
 6: On 12/14, I-D, I-E, I-H, I-M, I-P, I-R, I-S, I-W and I-X adjusted to meet flow targets as directed by the Trust.  
 7: On 12/17, I-E, I-H, I-I, I-N, I-R, I-U, I-W, and I-X adjusted to meet flow targets as directed by the Trust.  
 8: On 12/28, I-E, I-L, I-M, I-N, I-R, I-S, I-X, and I-Y adjusted to meet flow targets as directed by the Trust.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-G		I-H <sup>6,7,9,10</sup>		I-I <sup>7</sup>		I-J		I-K		I-L <sup>3,5,8,11,12</sup>		I-M <sup>6,8</sup>		I-N <sup>7,8,13</sup>		I-O <sup>14</sup>		I-P <sup>5</sup>	
	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)	Flow (gpm)	Water Elevation (ft amsl)
12/01/22	0.23	1711.23	0.53	> 1737.00	4.0	1721.34	5.6	1712.13	2.9	1709.88	1.1	< 1712.27	2.2	1716.03	1.6	1718.55	0.57	1720.68	1.9	1719.40
12/02/22	0.22	1711.23	0.52	> 1737.00	3.9	1721.32	5.6	1712.13	2.9	1709.88	1.1	< 1712.27	2.1	1716.01	1.5	1718.26	0.57	1720.66	1.9	1719.33
12/03/22	0.22	1711.24	0.52	> 1737.00	3.8	1721.29	5.6	1712.13	2.9	1709.83	1.1	< 1712.27	2.1	1716.02	1.5	1718.22	0.57	1720.64	1.9	1719.30
12/04/22	0.22	1711.24	0.51	> 1737.00	3.8	1721.30	5.6	1712.13	2.9	1709.85	1.1	< 1712.27	2.1	1715.98	1.4	1718.19	0.13	1720.80	1.8	1719.39
12/05/22	0.22	1711.24	0.50	1719.83	3.8	1721.32	5.6	1712.13	2.9	1709.95	1.1	< 1712.27	2.1	1715.98	1.4	1718.17	0.00	1720.88	1.8	1719.48
12/06/22	0.22	1711.24	0.49	1719.83	3.8	1721.31	5.6	1712.13	2.9	1709.91	1.1	< 1712.27	2.1	1716.01	1.4	1718.17	0.39	1720.33	1.8	1719.51
12/07/22	0.22	1711.24	0.46	1719.83	3.8	1721.28	5.6	1712.13	2.9	1709.95	1.1	< 1712.27	2.1	1716.02	1.4	1718.18	0.81	1720.77	1.8	1719.50
12/08/22	0.22	1711.24	0.44	1719.86	3.8	1721.26	5.6	1712.12	2.9	1710.05	1.1	< 1712.22	2.1	1716.05	1.3	1718.18	0.79	1720.77	1.8	1719.48
12/09/22	0.22	1711.25	0.44	1719.87	3.8	1721.26	5.6	1712.12	2.9	1710.10	1.1	< 1712.22	2.0	1716.06	1.3	1718.19	0.68	1720.78	1.8	1719.43
12/10/22	0.22	1711.25	0.65	1718.71	3.8	1721.26	5.6	1712.12	2.9	1710.09	1.1	< 1712.22	2.0	1716.10	1.3	1718.20	0.64	1720.78	1.8	1719.42
12/11/22	0.22	1711.25	0.63	1718.73	3.8	1721.26	5.6	1712.13	2.9	1710.12	1.0	< 1712.22	2.0	1716.19	1.3	1718.25	0.74	1720.74	1.8	1719.38
12/12/22	0.22	1711.25	0.62	1718.77	3.8	1721.24	5.6	1712.13	2.9	1710.09	1.0	< 1712.22	1.9	1716.42	1.4	1718.07	0.75	1720.71	1.8	1719.34
12/13/22 <sup>2</sup>	0.22	1711.23	0.39	1719.75	3.8	1721.22	5.5	1712.15	2.9	1709.83	1.1	< 1712.22	1.6	1717.37	0.94	1718.57	0.70	1720.74	1.6	1719.53
12/14/22	0.20	1711.64	0.43	1719.63	3.4	1721.30	5.0	1713.38	2.7	1710.50	0.95	1714.57	1.6	1717.27	1.1	1718.83	0.59	1720.80	1.6	1719.62
12/15/22 <sup>2</sup>	0.21	1712.11	0.16	1720.82	1.4	1722.18	4.9	1715.44	2.4	1713.42	0.36	1718.94	1.2	1718.54	0.48	1719.75	0.26	1721.20	1.5	1720.17
12/16/22	0.22	1711.22	0.20	1720.80	3.7	1721.69	5.9	1712.23	2.9	1711.41	0.65	1717.73	1.4	1718.40	0.58	1719.87	0.49	1721.14	1.8	1720.00
12/17/22	0.22	1711.21	0.27	1720.55	3.9	1721.46	5.8	1712.22	2.9	1711.10	0.66	1717.47	1.4	1718.54	0.70	1719.87	0.54	1721.05	1.8	1719.92
12/18/22	0.22	1711.21	0.70	1718.79	4.0	1721.39	5.7	1712.22	2.9	1711.03	0.72	1717.07	1.4	1718.63	1.3	1719.40	0.54	1720.95	1.8	1719.66
12/19/22	0.22	1711.21	0.67	1718.76	4.0	1721.38	5.6	1712.21	2.9	1710.81	1.1	< 1714.00	1.4	1718.67	1.2	1719.32	0.53	1720.90	1.9	1719.47
12/20/22	0.22	1711.22	0.65	1719.02	4.0	1721.64	5.6	1712.21	2.9	1710.97	1.1	< 1714.00	1.4	1718.64	1.1	1719.33	0.52	1721.11	1.8	1719.69
12/21/22	0.22	1711.22	0.65	1719.18	4.0	1721.62	5.7	1712.21	2.9	1711.09	1.1	< 1714.00	1.4	1718.67	1.1	1719.35	0.52	1721.14	1.8	1719.81
12/22/22	0.22	1711.22	0.65	1719.25	3.7	1721.62	5.7	1712.21	2.9	1711.13	1.0	< 1714.00	1.4	1718.61	1.1	1719.36	0.52	1721.15	1.9	1719.84
12/23/22	0.22	1711.22	0.64	1719.35	4.0	1721.63	5.7	1712.21	2.9	1711.14	1.0	1714.17	1.4	1718.56	1.1	1719.38	0.52	1721.15	1.9	1719.84
12/24/22	0.22	1711.22	0.63	1719.43	4.0	1721.63	5.7	1712.20	2.9	1711.15	0.95	1714.52	1.4	1718.56	1.1	1719.39	0.51	1721.16	1.9	1719.85
12/25/22	0.22	1711.22	0.62	1719.50	4.0	1721.65	5.7	1712.20	2.9	1711.10	0.94	1714.65	1.4	1718.52	1.0	1719.43	0.52	1721.17	1.9	1719.89
12/26/22	0.22	1711.22	0.61	1719.58	4.0	1721.66	5.7	1712.20	2.9	1711.13	0.93	1714.74	1.5	1718.52	0.97	1719.55	0.52	1721.19	1.9	1719.93
12/27/22	0.22	1711.22	0.60	1719.65	3.9	1721.70	5.7	1712.20	2.9	1711.32	0.75	1716.50	1.5	1718.58	0.93	1719.66	0.51	1721.23	1.9	1719.98
12/28/22	0.22	1711.22	0.59	1719.80	4.0	1721.70	5.7	1712.20	2.8	1711.31	0.48	1718.77	1.6	1718.20	1.1	1719.55	0.51	1721.24	1.9	1720.01
12/29/22	0.22	1711.21	0.56	1719.91	4.0	1721.68	5.7	1712.19	2.8	1711.38	0.66	1717.66	1.9	1717.46	1.4	1719.08	0.50	1721.23	1.9	1720.03
12/30/22	0.22	1711.21	0.56	1719.90	4.0	1721.68	5.7	1712.19	2.8	1711.33	0.82	1716.21	1.8	1717.50	1.2	1719.09	0.51	1721.23	1.9	1720.04
12/31/22	0.22	1711.22	0.55	1719.93	4.0	1721.71	5.7	1712.19	2.8	1711.44	0.95	1714.80	1.8	1717.55	1.1	1719.20	0.51	1721.26	1.9	1720.08
Monthly Average	0.22	1711.27	0.53	1721.84	3.8	1721.48	5.6	1712.32	2.9	1710.72	0.94	1714.29	1.7	1717.41	1.2	1718.92	0.53	1720.95	1.8	1719.69
Analytical <sup>1</sup>	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	12/8/2022	680	12/6/2022	360	12/8/2022	140	12/8/2022	190	12/8/2022	220	12/8/2022	510	12/6/2022	460	12/6/2022	480	12/8/2022	580	12/6/2022
Hexavalent Chromium	16	12/8/2022	13	12/6/2022	6.4	12/8/2022	3.4	12/8/2022	2.4	12/8/2022	1.4	12/8/2022	5.3	12/6/2022	6.6	12/6/2022	9.5	12/8/2022	9.6	12/6/2022
Total Chromium	17	12/8/2022	12	12/6/2022	5.9	12/8/2022	3.3	12/8/2022	2.3	12/8/2022	1.4	12/8/2022	5.1	12/6/2022	6.9	12/6/2022	9.3	12/8/2022	11	12/6/2022

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 B = Compound was found in the blank and sample.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 12/13 and 12/15, IWF offline due to maintenance.  
 3: On 12/27, 12/28, and 12/30, I-AA, I-AB, I-B, I-C, I-L, I-R, I-S, and I-Y were offline due to maintenance.  
 5: On 12/30, I-B, I-L, I-R, and I-S adjusted to meet flow targets as directed by the Trust.  
 6: On 12/14, I-D, I-E, I-H, I-M, I-P, I-R, I-S, I-W and I-X adjusted to meet flow targets as directed by the Trust.  
 7: On 12/17, I-E, I-H, I-I, I-N, I-R, I-U, I-W, and I-X adjusted to meet flow targets as directed by the Trust.  
 8: On 12/28, I-E, I-L, I-M, I-N, I-R, I-S, I-X, and I-Y adjusted to meet flow targets as directed by the Trust.  
 9: On 12/5, I-H water level taken manually due to transducer failure.  
 10: On 12/10, I-H, I-R, I-S, and I-U adjusted to meet flow targets as directed by the Trust.  
 11: On 12/1 and 12/8, I-L water level taken manually due to water level dropping below transducer level.  
 12: On 12/18, I-L and I-S adjusted to meet flow targets as directed by the Trust.  
 13: On 12/12, I-N, I-W, and I-X adjusted to meet flow targets as directed by the Trust.  
 14: On 12/4, I-O offline for maintenance.

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 (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)
12/01/22	0.20	1715.84	1.1	1713.50	1.4	1709.72	0.72	1707.59	0.68	1710.51	4.3	1718.37	0.69	1716.87	2.9	1708.46	1.2	< 1700.06	8.1	1711.29
12/02/22	0.19	1715.81	1.1	1713.36	1.4	1709.88	0.71	1707.59	0.65	1710.87	4.3	1718.28	0.66	1717.62	2.9	1707.43	1.2	< 1700.06	8.1	1711.14
12/03/22	0.19	1715.78	1.1	1713.44	1.4	1710.01	0.71	1707.59	0.63	1710.21	4.3	1718.20	0.65	1717.99	2.8	1707.83	1.2	< 1700.06	8.1	1711.03
12/04/22	0.19	1715.80	1.1	1713.67	1.4	1710.06	0.72	1707.59	0.63	1711.47	4.3	1718.24	0.64	1718.49	2.8	1708.45	1.2	< 1700.06	8.1	1710.95
12/05/22	0.19	1715.79	1.1	1713.74	1.4	1710.10	0.71	1707.58	0.66	1711.04	4.3	1718.32	0.62	1719.01	2.8	1708.41	1.2	< 1700.06	8.1	1710.92
12/06/22	0.23	1715.45	1.1	1713.85	1.4	1710.23	0.71	1707.56	0.64	1711.16	4.3	1718.29	0.52	1719.40	2.7	1708.53	1.2	< 1700.06	8.1	1710.85
12/07/22	0.25	1715.18	1.0	1713.95	1.3	1710.30	0.71	1707.56	0.64	1711.31	4.3	1718.17	0.30	1720.34	2.8	1707.82	1.2	< 1700.06	8.1	1710.74
12/08/22	0.24	1715.26	1.0	1713.98	1.3	1710.30	0.71	1707.56	0.64	1711.35	4.3	1718.13	0.30	1720.33	2.8	1707.64	1.2	< 1699.92	8.1	1710.69
12/09/22	0.23	1715.31	1.1	1714.02	1.3	1710.37	0.71	1707.56	0.62	1711.31	4.3	1718.11	0.57	1719.23	2.8	1707.63	1.2	< 1699.92	8.1	1710.67
12/10/22	0.23	1715.34	1.3	1710.40	1.5	1707.88	0.71	1707.56	0.74	1707.72	4.3	1718.09	0.53	1719.38	2.7	1708.13	1.2	< 1699.92	8.1	1710.63
12/11/22	0.23	1715.41	1.2	1711.53	1.5	1708.09	0.71	1707.56	0.74	1707.74	4.3	1718.08	0.54	1719.32	2.6	1710.85	1.2	< 1699.92	8.1	1710.61
12/12/22	0.23	1715.40	1.2	1711.16	1.5	1708.14	0.70	1707.55	0.74	1707.74	4.3	1718.00	0.52	1719.37	2.6	1710.12	1.2	< 1699.92	8.1	1710.43
12/13/22 <sup>2</sup>	0.20	1715.61	0.99	1713.56	1.5	1708.35	0.69	1707.63	0.75	1707.78	4.3	1717.95	0.29	1720.25	2.7	1706.82	1.2	< 1699.92	8.0	1710.14
12/14/22	0.17	1715.80	0.93	1714.14	1.3	1709.88	0.61	1709.33	0.69	1708.65	3.9	1718.34	0.34	1720.09	2.5	1708.02	1.2	1706.11	7.3	1711.11
12/15/22 <sup>2</sup>	0.15	1716.17	0.57	1717.39	0.46	1718.96	0.56	1711.74	0.63	1711.15	3.5	1719.87	0.22	1720.84	1.9	1714.42	1.3	1707.35	3.4	1718.74
12/16/22	0.19	1715.82	0.94	1715.74	0.6	1718.67	0.69	1708.56	0.75	1708.66	4.3	1719.12	0.56	1719.69	2.3	1713.75	1.4	< 1700.05	8.3	1712.85
12/17/22	0.19	1715.89	0.91	1715.62	0.99	1717.26	0.69	1708.41	0.75	1708.46	4.3	1718.81	0.59	1719.22	2.3	1713.72	1.4	< 1700.05	8.6	1710.38
12/18/22	0.20	1715.73	0.95	1715.32	1.0	1717.17	0.69	1708.27	0.76	1707.59	4.3	1718.60	0.73	1716.28	2.6	1712.49	1.4	< 1700.05	8.5	< 1710.00
12/19/22	0.21	1715.65	1.2	1713.41	1.0	1716.80	0.69	1707.98	0.76	1707.59	2.7	1719.73	0.72	1715.56	2.6	1712.45	1.3	< 1700.05	8.4	< 1710.00
12/20/22	0.20	1715.70	1.1	1713.67	1.0	1716.61	0.69	1708.00	0.75	1707.61	0.71	1720.27	0.74	1716.33	2.6	1712.52	1.3	< 1700.05	8.5	< 1710.00
12/21/22	0.19	1715.75	1.1	1713.85	1.0	1716.48	0.69	1708.09	0.74	1707.68	1.9	1721.14	0.75	1716.34	2.6	1712.70	1.3	< 1700.05	8.5	< 1710.00
12/22/22	0.19	1715.75	1.1	1713.90	1.0	1716.45	0.69	1708.21	0.74	1707.71	1.8	1721.16	0.77	1715.83	2.5	1712.81	1.3	< 1699.96	8.5	< 1710.00
12/23/22	0.19	1715.77	1.1	1713.96	1.0	1716.34	0.69	1708.25	0.78	1708.29	1.8	1721.17	0.78	1715.19	2.5	1712.90	1.3	< 1699.96	8.5	< 1710.00
12/24/22	0.19	1715.75	1.1	1714.10	1.0	1716.30	0.68	1708.35	0.75	1707.72	1.8	1721.21	0.78	1715.42	2.5	1712.97	1.3	< 1699.96	8.5	< 1710.00
12/25/22	0.19	1715.78	1.1	1714.20	1.0	1716.26	0.68	1708.61	0.76	1707.73	1.7	1721.25	0.79	1715.12	2.5	1713.03	1.3	< 1699.96	8.5	< 1710.00
12/26/22	0.19	1715.81	1.0	1714.36	1.0	1716.30	0.68	1708.59	0.79	1707.66	1.7	1721.26	0.79	1715.02	2.5	1713.23	1.3	< 1699.96	8.5	< 1710.00
12/27/22	0.19	1715.88	0.88	1715.40	0.59	1718.69	0.68	1708.71	0.80	1708.14	1.7	1721.30	0.81	1714.68	2.4	1713.43	1.4	< 1699.96	8.5	< 1709.95
12/28/22	0.19	1715.86	0.64	1716.98	0.68	1718.55	0.69	1708.69	0.79	1708.64	1.8	1721.27	0.81	1714.68	2.7	1711.37	1.2	1707.10	8.5	< 1709.95
12/29/22	0.19	1715.79	0.52	1717.38	1.3	1715.35	0.69	1708.66	0.78	1708.88	1.9	1721.19	0.80	1715.07	3.0	1705.07	1.4	< 1705.00	8.5	< 1709.95
12/30/22	0.19	1715.77	0.69	1716.48	1.3	1714.21	0.69	1708.68	0.79	1708.98	1.9	1721.21	0.80	1715.32	2.9	1705.46	1.4	< 1705.14	8.5	< 1709.95
12/31/22	0.19	1715.82	0.89	1715.21	1.4	1712.57	0.68	1708.84	0.77	1709.15	1.9	1721.23	0.80	1715.64	2.9	1706.64	1.3	< 1705.00	8.5	< 1709.95
Monthly Average	0.20	1715.69	1.00	1714.23	1.2	1713.43	0.69	1708.21	0.72	1709.08	3.2	1719.50	0.63	1717.55	2.6	1710.16	1.3	< 1701.15	8.1	1710.74
Analytical <sup>1</sup>	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	540	12/6/2022	510	12/8/2022	300	12/8/2022	780	12/6/2022	790	12/6/2022	490	12/8/2022	540	12/6/2022	550	12/6/2022	330	12/8/2022	160	12/8/2022
Hexavalent Chromium	10	12/6/2022	0.86	12/8/2022	1.6	12/8/2022	15	12/6/2022	13	12/6/2022	7.3	12/8/2022	10	12/6/2022	8.5	12/6/2022	1.2	12/8/2022	4.6	12/8/2022
Total Chromium	14	12/6/2022	0.84	12/8/2022	1.6	12/8/2022	15	12/6/2022	14	12/6/2022	6.6	12/8/2022	9.7	12/6/2022	9.1	12/6/2022	1.3	12/8/2022	4.5	12/8/2022

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
  - 1: Analytical results are reported from Eurofins TestAmerica.
  - 2: On 12/13 and 12/15, IWF offline due to maintenance.
  - 3: On 12/27, 12/28, and 12/30, I-AA, I-AB, I-B, I-C, I-L, I-R, I-S, and I-Y were offline due to maintenance.
  - 5: On 12/30, I-B, I-L, I-R, and I-S adjusted to meet flow targets as directed by the Trust.
  - 6: On 12/14, I-D, I-E, I-H, I-M, I-P, I-R, I-S, I-W and I-X adjusted to meet flow targets as directed by the Trust.
  - 7: On 12/17, I-E, I-H, I-I, I-N, I-R, I-U, I-W, and I-X adjusted to meet flow targets as directed by the Trust.
  - 8: On 12/28, I-E, I-L, I-M, I-N, I-R, I-S, I-X, and I-Y adjusted to meet flow targets as directed by the Trust.
  - 10: On 12/10, I-H, I-R, I-S, and I-U adjusted to meet flow targets as directed by the Trust.
  - 12: On 12/18, I-L and I-S adjusted to meet flow targets as directed by the Trust.
  - 13: On 12/12, I-N, I-W, and I-X adjusted to meet flow targets as directed by the Trust.
  - 15: On 12/19, I-V offline for maintenance.
  - 16: On 12/1, 12/8, 12/16, and 12/22, I-Y water level taken manually due to water level dropping below transducer level.
  - 17: On 12/27, I-Z water level taken manually due to water level dropping below transducer level.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																
Date	LS #2	GWTP Effluent <sup>1</sup>				GW-11 Influent <sup>1</sup>				FBR Plant Influent <sup>1</sup>						
	Flow (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO <sub>2</sub> (mg/L)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO <sub>2</sub> (mg/L)	Flow (gpm)	TA - ClO <sub>2</sub> (mg/L)	ETI - ClO <sub>2</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)
12/01/22	851	63				0.2				913		47				
12/02/22	782	63				74				790		48				
12/03/22	867	62				0.1				929	47	50				
12/04/22	842	63				0.1				905		44				
12/05/22	843	62				0.1				905		49				
12/06/22	842	62				0.1				904		57				
12/07/22	835	62	0.12	ND	400	1.1	0.085	0.045	43	896		45	120	10	0.063	0.0070
12/08/22	840	63				0.2				903		49				
12/09/22	841	63				0.2				904		50				
12/10/22	841	62				0.2				903	48	40				
12/11/22	842	63				0.1				904		48				
12/12/22	538	62				0.2				877		51				
12/13/22	315	62	0.42	ND	370	11				669		51		9.8	0.19	0.18
12/14/22	394	60				0.2				784		54				
12/15/22	392	40				0.2				829		45				
12/16/22	579	61				0.2				876		45				
12/17/22	848	63				0.2				911	53	47				
12/18/22	846	63				0.2				909		51				
12/19/22	846	62				0.2				908		43				
12/20/22	870	63				0.2				947		44				
12/21/22	851	63	5.6	4.6	370	0.2				914		42		9.9	0.38	0.33
12/22/22	849	62				0.2				911		45				
12/23/22	849	63				0.1				911		41				
12/24/22	844	63				0.1				907	52	58				
12/25/22	844	63				0.1				907		55				
12/26/22	844	63				0.1				907		50				
12/27/22	846	61				0.1				907		60				
12/28/22	845	62	0.35	ND	450	0.1				907		52		9.6	0.064	0.019
12/29/22	845	63				0.2				907		52				
12/30/22	843	69				0.2				911		84				
12/31/22	843	56				0.1				898	53	84				
Monthly Average <sup>2</sup>	779	62	1.8	1.3	394	2.9	0.085	0.045	43	889	51	51	120	9.8	0.17	0.132

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 (ClO<sub>4</sub> = 0.5 ug/L; ClO<sub>3</sub> = 10 ug/L; NO<sub>3</sub>-N= 0.055 mg/L; Cr(VI) = 0.25 ug/L).  
 1: ETI = Envirogen internal process control data, TA = Eurofins TestAmerica data.  
 2: All average concentrations reported are monthly flow weighted averages.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics														
Date	1st Stage FBR <sup>3</sup>			2nd Stage FBR <sup>3</sup>			FBR Plant Effluent <sup>1</sup>							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow <sup>4</sup> (gpm)	TA - ClO <sub>2</sub> (mg/L)	ETI - ClO <sub>2</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	ETI - Turbidity (NTU)
12/01/22	904	6.5	-295	508	6.9	-411	898		0.0					13
12/02/22	919	6.5	-176	622	7.0	-324	756		0.0					12
12/03/22	937	6.5	-355	810	7.0	-409	907	ND	0.0					24
12/04/22	933	6.6	-373	657	7.0	-417	909		0.0					13
12/05/22	932	6.6	-344	721	7.0	-403	908		0.0					18
12/06/22	936	6.5	-372	829	7.0	-410	908		0.0					15
12/07/22	926	6.5	-372	809	7.0	-413	907		0.0	ND	0.0049 J	ND	0.062	21
12/08/22	945	6.5	-369	890	6.9	-412	904		0.0					19
12/09/22	939	6.4	-369	838	6.9	-410	901		0.0					45
12/10/22	925	6.5	-372	845	6.9	-412	907	ND	0.0					19
12/11/22	929	6.3	-375	822	7.0	-409	908		0.0					14
12/12/22	802	6.4	-288	716	6.9	-374	829		0.0		0.0071 J	ND	0.063	28
12/13/22	881	6.6	-300	837	6.9	-341	613		0.0					15
12/14/22	852	6.5	-289	902	6.9	-377	397		0.0					20
12/15/22	891	6.6	-334	569	7.0	-372	138		0.0					23
12/16/22	848	6.5	-336	891	6.9	-393	131		0.0					28
12/17/22	847	6.4	-327	929	6.9	-407	877	0.0043 J D	0.0					13
12/18/22	849	6.4	-342	546	6.9	-412	872		0.0					15
12/19/22	892	6.5	-367	884	6.9	-419	877		0.0					13
12/20/22	961	6.6	-380	622	7.0	-423	889		0.0					13
12/21/22	910	6.5	-374	947	7.0	-419	902		0.0		0.0067 J	ND	0.065	15
12/22/22	878	6.5	-372	702	6.9	-416	882		0.0					11
12/23/22	902	6.5	-377	846	6.9	-417	883		0.0					10
12/24/22	899	6.5	-381	563	6.9	-418	893	ND	0.0					15
12/25/22	894	6.5	-386	870	6.9	-418	870		0.0					13
12/26/22	869	6.5	-389	861	7.0	-419	885		0.0					9.0
12/27/22	859	6.6	-367	875	7.1	-426	884		0.0					9.0
12/28/22	869	6.6	-371	850	7.0	-420	876		0.0		0.0050 J	ND	ND	12
12/29/22	870	6.6	-377	622	7.0	-420	884		0.0					16
12/30/22	861	6.5	-378	635	7.0	-420	878		0.0					15
12/31/22	860	6.6	-373	838	7.1	-422	876	ND	0.0					18
Monthly Average <sup>2</sup>	894	6.5	-351	770	7.0	-406	811	0.00071	ND	ND	0.0058	ND	0.050	16

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 (ClO<sub>2</sub> = 0.5 ug/L; ClO<sub>3</sub> = 10 ug/L; NO<sub>3</sub>-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.

D = Result was obtained from the analysis of a dilution.

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

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

3: 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.

4: 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 <sup>1</sup>				
Date	Field Measurement (ft)	Volume (MG)		
12/15/22	28.3	38.9		
12/31/22	26.4	41.4		

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>2</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
12/15/22	0.0	0.0	826	0.0
12/27/22	0.0	0.0	615	0.0

GW-11 Composite Sample <sup>3</sup>		
Analytes	Concentration	Units
Perchlorate	2.8	mg/L
Chlorate	5.0	mg/L
Ammonia as N	0.44	mg/L
Total Phosphorus	0.80	mg/L
Total Dissolved Solids (TDS)	16,000 D	mg/L
Total Suspended Solids (TSS)	56 D	mg/L
pH	8.6 HF	s.u.
Calcium	770	mg/L
Iron	0.82	mg/L
Chromium (total)	0.0092	mg/L
Chromium VI	ND Q	mg/L
Chloride	6,100	mg/L
Nitrate as N	2.1	mg/L
Sulfate	4,800	mg/L

## Notes:

D = Result was obtained from the analysis of a dilution.

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

ND = Not detected above laboratory method detection limit (NH<sub>3</sub>-N= 0.1 mg/L; NO<sub>3</sub>-N= 0.055 mg/L).

Q = Sample was prepared and/or analyzed past holding time as defined in the method.

1: A transducer installed along the eastern berm provides water pressure measurements that are correlated to elevations for calculation of water depths.

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: November 21, 2022.



Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Monthly Stakeholder Metrics				
Location ID	Average Flow Rate (gpm)	Perchlorate (mg/L) <sup>4</sup>	Chromium (TR) (mg/L) <sup>4</sup>	Chromium(VI) (mg/L) <sup>4</sup>
SWF Total Extraction <sup>1</sup>	620 <sup>3</sup>	8.2	0.0010	0.0019
AWF Total Extraction <sup>1</sup>	447 <sup>3</sup>	49	0.11	0.10
IWF Total Extraction <sup>1</sup>	49 <sup>3</sup>	347	5.5	5.5
AP Area Total Extraction <sup>1</sup>	8.7 <sup>3</sup>	529	0.18	0.18
GWTP Effluent <sup>2</sup>	62	394	1.8	1.3
GW-11 Influent <sup>1</sup>	2.9	43	0.085	0.045
FBR Influent <sup>2</sup>	889	51	0.17	0.13

Notes:

ND = Not detected above laboratory method detection limit (Cr(VI) = 0.25 ug/L).

TR = Total Recoverable.

1: Perchlorate and chromium TR sampled monthly, values reported from Eurofins TestAmerica.

2: Perchlorate, chromium TR, and chromium (VI) sampled weekly, values reported from Eurofins TestAmerica.

3: Sum of daily average flow for individual wells.

4: All concentrations reported are monthly flow weighted averages.

Table 7 - AP Area Operational Metrics

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 <sup>4</sup> (gpm)	Water Elevation (ft amsl)
12/01/22	3.0	1713.45	0.91	1712.20	0.73	1713.24	0.88	1716.41	1.1	1715.49	0.99	1717.22	0.94	1717.19	0.38	1710.60
12/02/22	3.1	1713.18	0.85	1713.12	0.79	1712.87	1.00	1716.57	1.0	1715.71	0.91	1717.12	0.93	1716.76	0.31	1710.52
12/03/22	3.2	1712.82	0.90	1713.52	0.83	1712.50	1.0	1716.14	1.1	1715.93	0.95	1717.24	0.97	1716.87	0.33	1710.98
12/04/22	3.1	1712.98	0.87	1713.65	0.80	1712.42	1.1	1716.10	1.0	1715.87	0.96	1717.80	0.96	1717.30	0.29	1710.67
12/05/22	3.1	1711.73	0.91	1712.96	0.81	1712.54	1.0	1716.01	1.0	1715.62	0.96	1717.33	0.95	1716.99	0.35	1710.59
12/06/22	3.0	1711.26	0.90	1711.78	0.80	1711.71	1.0	1716.19	1.0	1715.80	0.95	1717.17	0.95	1717.31	0.35	1710.94
12/07/22 <sup>2</sup>	3.1	1711.16	0.87	1711.91	0.78	1712.71	1.0	1716.04	1.1	1716.01	0.97	1717.42	0.95	1717.71	0.33	1710.32
12/08/22	3.1	1711.87	0.86	1711.95	0.80	1713.39	1.0	1717.04	0.93	1722.26	0.84	1717.10	0.90	1715.61	0.34	1710.84
12/09/22 <sup>2</sup>	3.1	1712.64	0.85	1712.00	0.79	1714.41	0.14	1717.37	0.92	1725.26	0.83	1716.75	0.88	1714.44	0.34	1710.84
12/10/22	3.0	1712.61	0.82	1711.93	0.80	1713.18	0.44	1717.85	1.2	1715.28	0.81	1717.84	0.97	1714.62	0.43	1710.48
12/11/22	3.0	1712.40	0.85	1711.50	0.80	1712.92	0.54	1717.17	1.1	1715.39	0.80	1718.55	0.97	1714.86	0.41	1710.72
12/12/22	3.0	1713.24	0.80	1710.44	0.81	1714.80	0.56	1716.28	1.1	1715.69	0.79	1720.15	0.95	1714.46	0.40	1710.40
12/13/22	3.1	1713.17	0.87	1710.48	0.84	1714.47	0.30	1718.77	0.61	1724.06	0.43	1722.52	0.52	1719.16	0.22	1718.51
12/14/22	3.0	1714.02	0.88	1710.46	0.78	1714.56	0.59	1718.32	1.1	1718.90	0.74	1718.10	0.99	1717.86	0.48	1717.73
12/15/22 <sup>2</sup>	2.1	1716.31	0.65	1714.89	0.54	1716.94	0.73	1714.66	1.1	1719.06	0.74	1719.33	1.0	1720.45	0.44	1718.27
12/16/22	3.2	1715.46	0.96	1712.23	0.70	1716.94	0.60	1716.34	0.97	1717.47	0.71	1721.67	0.94	1719.40	0.42	1709.17
12/17/22	3.1	1714.26	0.86	1712.57	0.57	1714.56	0.60	1716.60	0.97	1717.23	0.84	1717.12	1.1	1717.54	0.19	1713.89
12/18/22	3.3	1713.83	0.91	1712.51	0.60	1714.14	0.61	1716.24	0.97	1717.47	0.84	1717.98	1.1	1717.66	0.19	1713.20
12/19/22	3.3	1713.71	0.92	1712.56	0.60	1714.25	0.62	1716.10	1.00	1717.26	0.87	1720.24	1.2	1717.69	0.35	1713.14
12/20/22	3.3	1713.85	0.86	1712.49	1.1	1714.41	0.55	1716.26	0.88	1717.62	0.66	1720.06	0.99	1717.76	0.35	1712.43
12/21/22	3.3	1713.78	0.87	1712.64	0.83	1714.22	0.58	1716.29	0.90	1717.55	0.95	1719.00	1.1	1717.74	0.40	1710.21
12/22/22	3.2	1713.40	0.80	1712.81	0.85	1714.23	0.57	1715.97	0.87	1717.31	0.93	1717.32	1.1	1716.22	0.42	1709.89
12/23/22	3.3	1713.35	0.89	1710.07	0.86	1712.94	0.52	1715.90	0.87	1718.23	0.93	1718.87	1.1	1717.49	0.42	1710.00
12/24/22	3.2	1713.16	0.87	1709.94	0.87	1712.87	0.59	1716.01	1.3	1715.56	1.4	1717.43	1.0	1717.40	0.39	1710.04
12/25/22	3.2	1711.58	0.87	1710.04	0.87	1712.52	0.58	1715.05	1.2	1712.41	1.3	1710.22	1.0	1716.86	0.36	1710.07
12/26/22	3.2	1711.73	0.87	1710.16	0.89	1712.30	0.57	1715.76	1.2	1713.32	0.99	1717.62	1.0	1717.11	0.37	1710.22
12/27/22	3.3	1711.76	0.89	1710.26	0.89	1712.04	0.56	1716.43	1.2	1714.32	1.1	1717.67	1.0	1717.06	0.38	1710.36
12/28/22	3.3	1712.20	0.91	1711.60	0.93	1711.50	0.60	1716.80	1.2	1713.75	0.92	1717.87	1.1	1716.39	0.33	1709.87
12/29/22	3.1	1712.06	0.83	1711.75	0.88	1711.47	0.59	1717.01	1.1	1713.87	0.89	1717.97	1.0	1716.60	0.39	1710.12
12/30/22	3.2	1712.97	0.86	1711.70	0.92	1711.32	0.51	1716.71	1.2	1714.77	0.93	1715.97	1.0	1717.05	0.37	1711.62
12/31/22	3.3	1713.05	0.87	1711.65	0.93	1711.40	0.55	1716.57	1.2	1714.82	0.71	1715.94	1.0	1716.94	0.38	1711.67
Monthly Average	3.1	1713.00	0.87	1711.87	0.81	1713.35	0.67	1716.48	1.0	1716.75	0.89	1717.89	0.99	1717.05	0.36	1711.55
Analytical <sup>1</sup>	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L) <sup>3</sup>	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	450	12/7/2022	820	12/7/2022	300	12/7/2022	68	12/7/2022	350	12/7/2022	760	12/7/2022	830	12/7/2022	1,000	12/7/2022
Hexavalent Chromium	0.086	12/7/2022	0.58	12/7/2022	0.68	12/7/2022	0.025	12/7/2022	0.025	12/7/2022	0.089	12/7/2022	0.080	12/7/2022	0.25	12/7/2022
Total Chromium	0.088	12/7/2022	0.56	12/7/2022	0.66	12/7/2022	0.031	12/7/2022	0.028	12/7/2022	0.086	12/7/2022	0.080	12/7/2022	0.23	12/7/2022

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 Eurofins TestAmerica.  
 2: On 12/07, 12/09, and 12/15, AP5 Plot 2 wells offline due to maintenance.  
 3: Duplicates taken on 12/07 for well E2-1; average of both values is presented and used for calculations.  
 4: On 12/19 and 12/20, E2-5 flow meter offline; Averaged flows are presented for these dates.

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

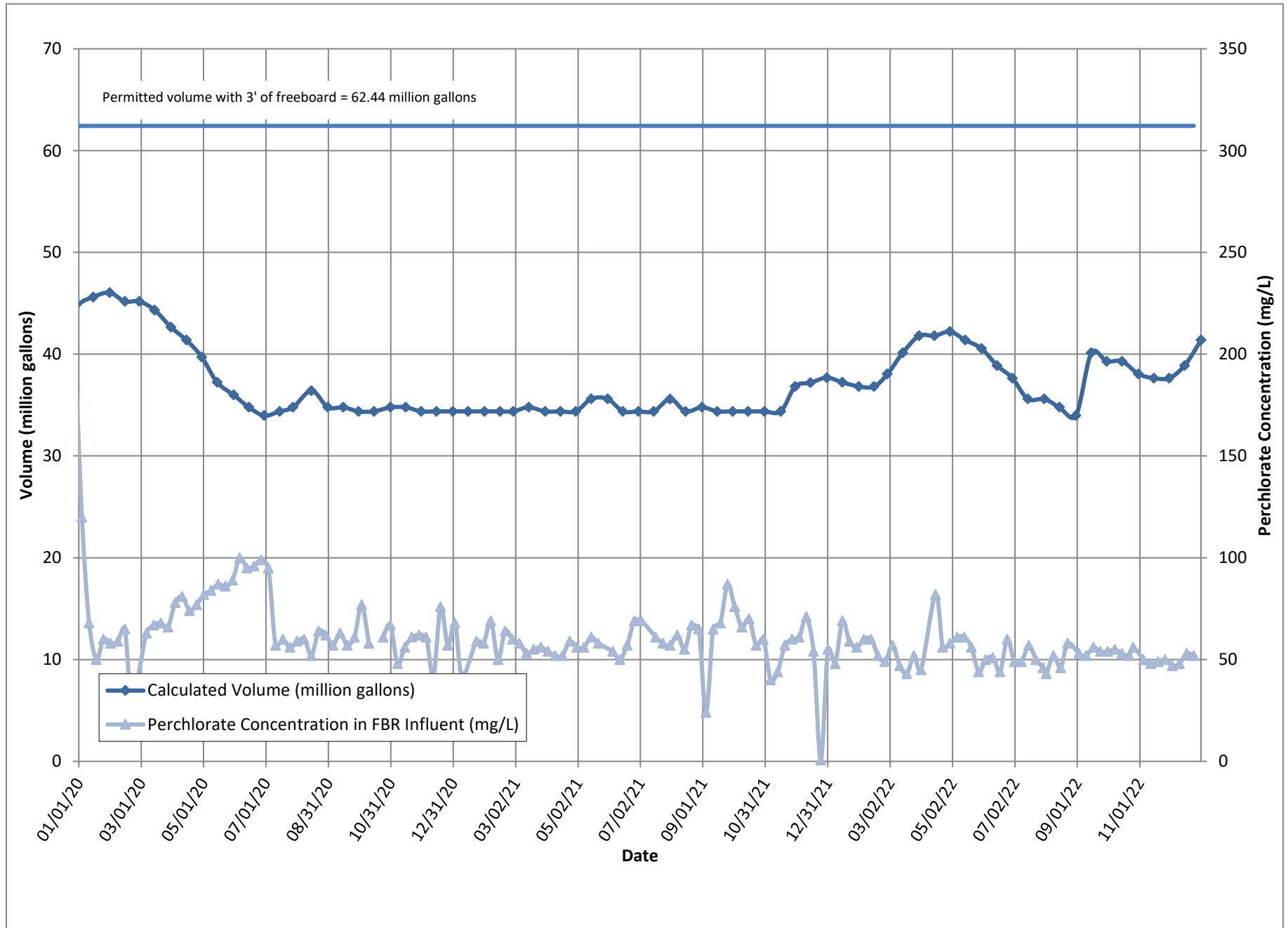


Figure 2 - FBR Equivalent Loading Calculation

