

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)		
10/01/24	522	160	1539.42	65	1520.28	127	1545.47	108	1534.02	62	1547.21	115	1548.04	49	1549.87	20	1550.96	8.7	1520.02		
10/02/24	526	160	1539.40	69	1520.28	127	1545.49	107	1534.01	62	1547.22	115	1548.06	49	1549.89	20	1550.99	8.6	1520.00		
10/03/24	526	160	1539.40	69	1520.29	127	1545.50	107	1534.01	62	1547.23	115	1548.08	49	1549.91	20	1551.01	8.5	1520.00		
10/04/24	521	160	1539.40	64	1520.29	127	1545.51	107	1534.01	62	1547.23	115	1548.09	49	1549.92	20	1551.02	8.5	1520.00		
10/05/24	515	160	1539.41	58	1520.29	127	1545.51	107	1534.01	62	1547.23	115	1548.09	49	1549.93	20	1551.03	8.5	1520.00		
10/06/24	523	160	1539.42	67	1520.29	127	1545.53	107	1534.01	62	1547.24	115	1548.11	49	1549.94	20	1551.04	8.6	1520.00		
10/07/24	527	160	1539.43	71	1520.29	127	1545.54	107	1534.02	62	1547.25	115	1548.12	49	1549.95	20	1551.06	8.6	1520.00		
10/08/24	522	159	1539.44	65	1520.29	127	1545.56	107	1534.02	62	1547.25	115	1548.13	49	1549.97	20	1551.06	8.6	1520.00		
10/09/24	518	159	1539.43	61	1520.29	127	1545.57	107	1534.02	62	1547.25	115	1548.13	49	1549.97	20	1551.07	8.6	1520.00		
10/10/24	524	159	1539.44	68	1520.29	127	1545.57	107	1534.03	62	1547.25	115	1548.14	49	1549.97	20	1551.07	8.6	1520.00		
10/11/24	526	159	1539.44	70	1520.29	127	1545.57	107	1534.02	62	1547.25	115	1548.14	49	1549.98	20	1551.08	8.6	1520.00		
10/12/24	519	159	1539.45	63	1520.29	127	1545.57	107	1534.03	62	1547.25	115	1548.15	49	1549.98	20	1551.08	8.6	1520.00		
10/13/24	523	159	1539.45	67	1520.29	127	1545.58	107	1534.03	62	1547.25	115	1548.15	49	1549.99	20	1551.09	8.6	1520.00		
10/14/24	524	159	1539.45	68	1520.29	127	1545.58	107	1534.03	62	1547.25	115	1548.15	49	1549.99	20	1551.09	8.6	1520.00		
10/15/24	523	159	1539.45	67	1520.29	127	1545.59	107	1534.03	62	1547.25	115	1548.16	49	1549.99	20	1551.10	8.6	1520.00		
10/16/24	523	159	1539.45	68	1520.29	127	1545.60	107	1534.04	62	1547.26	115	1548.17	49	1550.00	20	1551.11	8.6	1520.00		
10/17/24	524	159	1539.45	68	1520.29	127	1545.61	107	1534.04	62	1547.26	115	1548.18	49	1550.01	20	1551.11	8.5	1520.00		
10/18/24	523	159	1539.43	67	1520.29	127	1545.59	107	1534.02	62	1547.24	115	1548.15	48	1549.99	20	1551.09	8.5	1520.00		
10/19/24	523	159	1539.45	67	1520.29	127	1545.58	107	1534.03	62	1547.24	115	1548.15	48	1549.99	20	1551.09	8.6	1520.00		
10/20/24	523	159	1539.46	67	1520.29	127	1545.58	107	1534.03	62	1547.24	115	1548.15	49	1549.99	20	1551.09	8.6	1520.00		
10/21/24	523	159	1539.46	67	1520.29	127	1545.58	107	1534.03	62	1547.23	115	1548.16	48	1549.99	20	1551.09	8.6	1520.00		
10/22/24	523	159	1539.45	67	1520.29	127	1545.58	107	1534.03	62	1547.23	115	1548.15	49	1549.99	20	1551.09	8.6	1520.00		
10/23/24 <sup>2</sup>	499	151	1539.89	67	1520.61	121	1545.81	102	1534.60	59	1547.36	109	1548.28	46	1550.09	19	1551.15	8.4	1521.34		
10/24/24	523	159	1539.55	68	1520.30	127	1545.62	107	1534.16	62	1547.25	115	1548.19	49	1550.02	20	1551.11	9.1	1522.40		
10/25/24 <sup>2</sup>	499	152	1539.97	64	1521.59	121	1545.86	102	1534.82	59	1547.44	110	1548.32	46	1550.12	19	1551.17	8.7	1523.97		
10/26/24	524	160	1539.61	68	1520.30	127	1545.63	107	1534.19	62	1547.25	115	1548.19	49	1550.02	20	1551.11	9.2	1523.69		
10/27/24	523	159	1539.57	67	1520.30	127	1545.62	107	1534.15	62	1547.24	115	1548.18	49	1550.01	20	1551.10	9.1	1522.70		
10/28/24	523	160	1539.54	67	1520.31	127	1545.61	107	1534.13	62	1547.24	115	1548.18	49	1550.01	20	1551.11	9.0	1522.00		
10/29/24	523	159	1539.50	67	1520.31	127	1545.59	107	1534.10	62	1547.22	115	1548.16	48	1550.00	20	1551.10	9.0	1521.41		
10/30/24	523	159	1539.51	67	1520.30	127	1545.59	107	1534.09	62	1547.21	115	1548.16	48	1550.00	20	1551.10	8.9	1521.16		
10/31/24	523	159	1539.54	67	1520.30	127	1545.61	107	1534.10	62	1547.23	115	1548.19	48	1550.03	20	1551.13	8.9	1520.96		
Monthly Average	521	159	1539.49	67	1520.34	127	1545.59	107	1534.09	62	1547.25	115	1548.15	48	1549.98	20	1551.08	8.7	1520.63		
Analytical <sup>1</sup>	Conc <sup>2</sup> (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date	Conc (mg/L)		Date
Perchlorate	14	10/16/2024	18	10/16/2024	11	10/16/2024	10	10/16/2024	3.8	10/16/2024	0.60	10/16/2024	0.041	10/16/2024	0.024	10/16/2024	1.1	10/16/2024			
Hexavalent Chromium	0.0032	10/16/2024	0.00078	10/16/2024	ND	10/16/2024	0.0088	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	
Total Chromium	0.0029	10/16/2024	ND	10/16/2024	ND	10/16/2024	0.0081	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	ND	10/16/2024	

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 µg/L; Cr(VI) =0.20 µg/L).  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 10/23 and 10/25, SWF wells offline due to maintenance.  
 3: Duplicates taken on 10/16 of well PC-116R; average of both values are 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 (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)
10/01/24	378	42	1586.91	130	1586.72	26	1585.71	4.0	1581.79	51	1577.00	29	1581.28	136	1579.82	2.5	1579.79
10/02/24	378	42	1586.94	130	1586.75	26	1585.74	4.0	1581.82	51	1576.99	29	1581.18	136	1579.85	2.5	1579.80
10/03/24	351	41	1587.02	120	1587.01	25	1586.03	3.7	1582.25	48	1577.55	27	1581.49	125	1580.08	2.5	1580.62
10/04/24 <sup>2</sup>	382	42	1587.08	130	1586.89	27	1585.85	4.0	1581.97	53	1577.02	29	1581.36	136	1579.96	2.5	1579.91
10/05/24	382	42	1587.04	130	1586.85	27	1585.80	4.0	1581.93	53	1577.03	29	1581.44	137	1579.92	2.5	1579.90
10/06/24	382	42	1587.04	130	1586.84	26	1585.80	4.0	1581.93	53	1577.00	29	1581.45	137	1579.91	2.5	1579.88
10/07/24	382	42	1587.05	130	1586.86	26	1585.81	4.0	1581.94	53	1577.03	29	1581.41	137	1579.92	2.5	1579.88
10/08/24	383	42	1587.05	130	1586.86	26	1585.82	4.0	1581.94	53	1577.12	29	1581.40	137	1579.93	2.5	1579.87
10/09/24	382	42	1587.05	131	1586.86	26	1585.82	4.0	1581.94	53	1577.16	29	1581.36	137	1579.93	2.5	1579.86
10/10/24	385	42	1587.06	131	1586.87	26	1585.82	4.0	1581.94	53	1577.05	29	1581.37	136	1579.94	2.5	1579.88
10/11/24	387	42	1587.07	131	1586.88	27	1585.83	4.0	1581.95	54	1576.99	29	1581.41	136	1579.94	2.5	1579.90
10/12/24	382	42	1587.08	131	1586.89	26	1585.84	4.0	1581.97	53	1577.10	29	1581.40	136	1579.96	2.5	1579.87
10/13/24	382	42	1587.10	131	1586.90	27	1585.85	4.0	1581.98	53	1577.13	29	1581.41	136	1579.97	2.5	1579.87
10/14/24	382	42	1587.10	131	1586.91	27	1585.86	4.0	1581.98	53	1577.12	29	1581.51	136	1579.98	2.5	1579.87
10/15/24	382	42	1587.12	131	1586.93	27	1585.87	4.0	1582.00	53	1577.10	29	1581.56	136	1579.99	2.5	1579.87
10/16/24	382	42	1587.14	131	1586.95	27	1585.89	4.0	1582.03	53	1577.02	29	1581.47	135	1580.02	2.7	1579.88
10/17/24	382	42	1587.16	131	1586.97	27	1585.91	4.0	1582.05	54	1577.01	29	1581.32	135	1580.04	2.7	1579.89
10/18/24	381	42	1587.14	131	1586.95	27	1585.90	4.0	1582.04	54	1577.00	29	1581.63	134	1580.06	2.7	1579.88
10/19/24	381	42	1587.16	131	1586.97	27	1585.92	4.0	1582.06	54	1577.09	29	1581.86	134	1580.08	2.7	1579.88
10/20/24	381	42	1587.18	131	1586.98	27	1585.93	4.0	1582.09	54	1577.00	29	1581.91	134	1580.10	2.7	1579.88
10/21/24	381	42	1587.19	130	1587.00	27	1585.95	4.0	1582.11	54	1576.99	29	1581.91	134	1580.12	2.7	1579.88
10/22/24	381	42	1587.20	131	1587.01	27	1585.96	4.0	1582.13	54	1577.04	29	1581.92	134	1580.13	2.7	1579.89
10/23/24	381	42	1587.21	131	1587.02	27	1585.97	4.0	1582.16	54	1576.98	29	1581.88	134	1580.14	2.7	1579.89
10/24/24	381	42	1587.22	130	1587.03	27	1585.98	4.0	1582.18	54	1576.94	29	1581.80	134	1580.15	2.7	1579.89
10/25/24	381	42	1587.21	131	1587.02	27	1585.98	4.0	1582.19	54	1577.04	29	1581.92	134	1580.15	2.7	1579.89
10/26/24	381	42	1587.22	131	1587.03	27	1585.99	4.0	1582.21	54	1576.98	29	1581.97	133	1580.16	2.7	1579.89
10/27/24	381	42	1587.24	131	1587.04	27	1586.01	4.0	1582.24	54	1577.00	29	1581.83	133	1580.18	2.7	1579.91
10/28/24	381	42	1587.25	131	1587.06	27	1586.02	4.0	1582.26	54	1576.98	29	1581.58	133	1580.20	2.7	1579.90
10/29/24	380	42	1587.23	130	1587.04	27	1586.01	4.0	1582.251	54	1576.98	29	1581.74	133	1580.18	2.7	1579.89
10/30/24	380	42	1587.22	131	1587.03	27	1586.00	4.0	1582.25	54	1577.03	29	1582.01	133	1580.17	2.7	1579.89
10/31/24	380	42	1587.24	131	1587.05	27	1586.02	4.0	1582.27	54	1577.01	29	1581.93	133	1580.19	2.7	1579.91
Monthly Average	381	42	1587.13	130	1586.94	27	1585.90	4.0	1582.06	53	1577.05	29	1581.60	135	1580.04	2.6	1579.90
Analytical <sup>1</sup>		Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc <sup>c</sup> (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate		25	10/16/2024	6.7	10/16/2024	130	10/16/2024	120	10/16/2024	140	10/16/2024	70	10/16/2024	48	10/16/2024	66	10/16/2024
Hexavalent Chromium		ND	10/16/2024	ND	10/16/2024	0.22	10/16/2024	0.20	10/16/2024	0.59	10/16/2024	0.40	10/16/2024	0.046	10/16/2024	0.080	10/16/2024
Total Chromium		ND	10/16/2024	ND	10/16/2024	0.20	10/16/2024	0.19	10/16/2024	0.55	10/16/2024	0.35	10/16/2024	0.043	10/16/2024	0.081	10/16/2024

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 µg/L; Cr(VI) = 0.25 µg/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 10/04, AWF offline briefly due to maintenance.  
 3: Duplicates taken on 10/16 of well ART-4/4A; average of both values are presented and used for calculations.  
 4: On 10/16, Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow determined from flow tests was 2.5 gpm from 10/01 to 10/15 and 2.7 gpm from 10/16 to 10/31. Flow used for calculation purposes was steady throughout the month but the totalizer showed zero flow 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 <sup>3</sup> (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)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>5,6</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
10/01/24	0.25	1714.89	0.77	1709.12	0.0	1710.00	0.0	1740.00	0.52	1721.44	0.42	1709.54	2.3	1710.24	1.1	1705.69	1.1	1708.69	2.6	1709.11
10/02/24	0.25	1714.89	0.80	1708.43	0.0	1710.00	0.0	1740.00	0.52	1721.48	0.41	1709.51	2.3	1710.65	1.1	1705.68	1.1	1708.71	2.7	1709.11
10/03/24	0.25	1714.88	0.80	1708.48	0.0	1710.00	0.0	1740.00	0.52	1721.48	0.41	1709.50	2.3	1710.99	1.1	1705.69	1.1	1708.74	2.7	1709.10
10/04/24	0.25	1714.88	0.79	1708.59	0.0	1710.00	0.0	1740.00	0.53	1721.42	0.42	1709.51	2.2	1711.26	1.1	1705.70	1.1	1708.72	2.7	1709.09
10/05/24	0.25	1714.90	0.79	1708.61	0.0	1710.00	0.0	1740.00	0.53	1721.44	0.42	1709.51	2.2	1711.39	1.1	1705.69	1.1	1708.74	2.6	1709.09
10/06/24	0.25	1714.89	0.79	1708.61	0.0	1710.00	0.0	1740.00	0.52	1721.44	0.43	1709.49	2.2	1711.92	1.1	1705.70	1.2	1708.75	2.6	1709.09
10/07/24	0.25	1714.90	0.79	1708.56	0.0	1710.00	0.0	1740.00	0.52	1721.47	0.46	1709.49	2.1	1712.52	1.1	1705.69	1.1	1708.71	2.7	1709.09
10/08/24	0.25	1714.90	0.81	1708.03	0.0	1710.00	0.0	1740.00	0.52	1721.49	0.44	1709.49	2.1	1712.89	1.1	1705.69	1.1	1708.71	2.7	1709.09
10/09/24	0.25	1714.90	0.80	1708.31	0.0	1710.00	0.0	1740.00	0.52	1721.49	0.38	1709.49	2.2	1712.19	1.1	1705.69	1.1	1708.74	2.8	1709.06
10/10/24	0.25	1714.91	0.77	1708.97	0.0	1710.00	0.0	1740.00	0.52	1721.49	0.38	1709.49	2.5	1708.54	1.1	1705.70	1.1	1708.72	2.6	1709.09
10/11/24	0.25	1714.90	0.81	1708.22	0.0	1710.00	0.0	1740.00	0.51	1721.58	0.39	1709.49	2.1	1711.84	1.1	1705.69	1.1	1708.74	2.5	1709.09
10/12/24	0.25	1714.90	0.83	1707.73	0.0	1710.00	0.0	1740.00	0.51	1721.58	0.39	1709.50	2.3	1711.39	1.1	1705.69	1.1	1708.73	2.4	1709.11
10/13/24	0.25	1714.89	0.83	1707.73	0.0	1710.00	0.0	1740.00	0.52	1721.51	0.38	1709.50	2.2	1711.58	1.1	1705.69	1.1	1708.73	2.4	1709.13
10/14/24	0.25	1714.89	0.83	1707.73	0.0	1710.00	0.0	1740.00	0.52	1721.46	0.38	1709.50	2.2	1712.55	1.1	1705.69	1.1	1708.73	2.4	1709.13
10/15/24	0.25	1714.89	0.83	1707.73	0.0	1710.00	0.0	1740.00	0.53	1721.42	0.38	1709.50	2.1	1713.30	1.1	1705.69	1.1	1708.75	2.4	1709.13
10/16/24	0.25	1714.91	0.83	1707.74	0.0	1715.65	0.0	1740.00	0.52	1721.45	0.38	1709.50	2.0	1713.62	1.1	1705.69	1.1	1708.76	2.4	1709.17
10/17/24	0.25	1714.92	0.83	1707.74	0.0	1718.88	0.0	1740.00	0.51	1721.52	0.38	1709.50	2.1	1713.75	1.1	1705.69	1.1	1708.75	2.4	1709.15
10/18/24	0.25	1714.91	0.83	1707.75	0.0	1718.90	0.0	1740.00	0.51	1721.51	0.45	1709.50	2.5	1709.56	1.1	1705.69	1.1	1708.74	2.3	1709.17
10/19/24	0.25	1714.93	0.80	1708.24	0.0	1718.92	0.0	1740.00	0.47	1721.73	0.48	1709.91	2.4	1710.10	1.1	1706.26	1.1	1709.24	2.2	1709.59
10/20/24	0.25	1714.88	0.83	1707.72	0.0	1718.92	0.0	1740.00	0.49	1721.65	0.50	1709.52	2.4	1710.74	1.1	1705.70	1.1	1708.77	2.3	1709.16
10/21/24	0.25	1714.88	0.83	1707.72	0.0	1718.90	0.0	1740.00	0.50	1721.60	0.49	1709.52	2.4	1710.74	1.1	1705.70	1.1	1708.77	2.3	1709.13
10/22/24	0.25	1714.88	0.83	1707.72	0.0	1718.88	0.0	1740.00	0.50	1721.62	0.47	1709.52	2.4	1710.49	1.1	1705.69	1.1	1708.76	2.2	1709.16
10/23/24	0.25	1714.88	0.83	1707.76	0.0	1718.87	0.11	1740.00	0.50	1721.57	0.45	1709.52	2.4	1710.36	1.1	1705.70	1.1	1708.76	2.1	1709.19
10/24/24	0.25	1714.88	0.82	1707.76	0.0	1718.85	0.11	1740.00	0.51	1721.54	0.44	1709.52	2.4	1710.25	1.1	1705.70	1.1	1708.74	2.1	1709.20
10/25/24	0.25	1714.88	0.82	1707.86	0.0	1718.84	0.10	1740.00	0.51	1721.48	0.46	1709.52	2.4	1710.17	1.1	1705.70	1.1	1708.72	2.0	1709.19
10/26/24	0.25	1714.88	0.82	1707.73	0.0	1718.81	0.10	1740.00	0.52	1721.43	0.44	1709.53	2.3	1710.25	1.1	1705.69	1.1	1708.76	2.0	1709.19
10/27/24	0.25	1714.88	0.81	1707.95	0.0	1718.81	0.10	1740.00	0.52	1721.41	0.46	1709.53	2.3	1710.30	1.1	1705.69	1.1	1708.73	2.0	1709.20
10/28/24	0.25	1714.88	0.81	1707.97	0.0	1718.80	0.10	1740.00	0.52	1721.43	0.47	1709.54	2.3	1710.29	1.1	1705.69	1.1	1708.68	2.0	1709.23
10/29/24	0.25	1714.88	0.81	1707.79	0.0	1718.79	0.0	1740.00	0.51	1721.51	0.46	1709.58	2.2	1711.71	1.1	1705.72	1.1	1708.77	1.9	1709.28
10/30/24 <sup>2</sup>	0.25	1714.90	0.81	1708.01	0.0	1718.80	0.0	1740.00	0.46	1721.75	0.46	1709.72	1.9	1713.67	1.1	1705.92	1.1	1709.06	2.2	1709.57
10/31/24	0.25	1714.87	0.82	1707.67	0.0	1718.84	0.0	1740.00	0.46	1721.81	0.47	1709.53	1.8	1714.74	1.1	1705.69	1.1	1708.71	2.1	1709.25
Monthly Average	0.25	1714.89	0.81	1708.06	0.0	1714.47	0.0	1740.00	0.51	1721.52	0.43	1709.53	2.2	1711.42	1.1	1705.72	1.1	1708.76	2.4	1709.17
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	300	10/2/2024	21	10/2/2024	75	10/2/2024	150	10/23/2024	160	10/7/2024	210	10/2/2024	320	10/2/2024	400	10/2/2024	350	10/2/2024	450	10/2/2024
Hexavalent Chromium	0.91	10/17/2024	0.045	10/17/2024	0.013	10/17/2024	1.7	10/23/2024	1.8	10/7/2024	0.29	10/17/2024	2.3	10/17/2024	3.9	10/17/2024	5.4	10/17/2024	11	10/17/2024
Total Chromium	1.50	10/2/2024	0.045	10/2/2024	0.043	10/2/2024	2.5	10/23/2024	1.8	10/7/2024	0.27	10/2/2024	2.3	10/2/2024	3.8	10/2/2024	5.3	10/2/2024	10	10/2/2024

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
  - 1: Analytical results are reported from Eurofins TestAmerica.
  - 2: On 10/30, IWF offline due to maintenance.
  - 3: On 10/03, 10/17, and 10/28, I-AR water level measured manually due to water level dropping below transducer level.
  - 4: On 10/23, I-AC online for sampling.
  - 5: On 10/01, I-C, I-M, and I-X adjusted to meet flow targets as described by the Trust.
  - 6: On 10/10, I-C, I-N, I-O, and I-X adjusted to meet flow targets as described by the Trust.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-G		I-H		Flow <sup>8</sup> I-I		I-J		I-K		I-L		Flow <sup>9,10,11</sup> I-M		Flow <sup>6,10,11</sup> I-N		Flow <sup>6</sup> I-O		Flow <sup>13</sup> 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 (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)
10/01/24	0.21	1711.44	0.78	1709.62	0.0	1720.53	5.5	1711.21	2.8	1708.39	0.88	1715.70	1.9	1714.17	1.3	1718.15	0.74	1721.14	0.0	1705.00
10/02/24	0.21	1711.48	0.77	1709.82	0.0	1720.55	5.5	1711.22	2.8	1708.41	0.88	1715.72	1.8	1714.34	1.3	1718.14	0.69	1721.16	0.0	1705.00
10/03/24	0.21	1711.48	0.78	1710.48	0.0	1720.56	5.5	1711.22	2.8	1708.41	0.87	1715.72	1.7	1714.53	1.3	1718.20	0.69	1721.17	0.0	1705.00
10/04/24	0.21	1711.48	0.78	1710.08	0.0	1720.56	5.5	1711.22	2.8	1708.42	0.88	1715.68	1.7	1714.63	1.3	1718.30	0.70	1721.18	0.0	1705.00
10/05/24	0.21	1711.47	0.79	1710.43	0.0	1720.56	5.5	1711.22	2.8	1708.43	0.88	1715.60	1.6	1714.72	1.3	1718.28	0.70	1721.19	0.0	1705.00
10/06/24	0.21	1711.47	0.79	1710.08	0.0	1720.57	5.5	1711.22	2.8	1708.41	0.88	1715.60	1.6	1714.84	1.3	1718.30	0.72	1721.21	0.0	1705.00
10/07/24	0.21	1711.47	0.80	1709.64	0.0	1720.58	5.5	1711.22	2.8	1708.42	0.90	1715.49	1.9	1714.09	1.3	1718.39	0.73	1721.22	0.0	1705.00
10/08/24	0.21	1711.47	0.78	1709.49	0.0	1720.58	5.5	1711.22	2.8	1708.43	0.90	1715.55	1.8	1714.13	1.2	1718.54	0.69	1721.16	1.6	1708.08
10/09/24	0.20	1711.46	0.70	1709.49	0.0	1720.52	5.5	1711.22	2.8	1708.42	0.89	1715.56	1.8	1714.33	1.3	1718.54	0.69	1720.94	2.4	1709.67
10/10/24	0.20	1711.46	0.67	1709.51	2.0	1720.63	5.5	1711.22	2.8	1708.42	0.90	1715.43	1.7	1714.61	1.6	1717.41	0.72	1720.82	2.3	1709.69
10/11/24	0.20	1711.46	0.64	1709.54	3.3	1721.22	5.4	1711.21	2.8	1708.43	0.85	1716.01	1.4	1715.34	1.5	1717.73	0.76	1720.66	2.2	1709.72
10/12/24	0.20	1711.46	0.60	1709.46	3.4	1721.11	5.4	1711.21	2.8	1708.43	0.82	1716.39	1.8	1714.33	1.5	1717.60	0.77	1720.53	2.1	1709.75
10/13/24	0.20	1711.46	0.56	1709.42	3.3	1721.02	5.4	1711.20	2.8	1708.42	0.85	1716.19	1.8	1714.32	1.5	1717.63	0.78	1720.44	2.0	1709.77
10/14/24	0.20	1711.46	0.58	1709.41	3.4	1720.96	5.3	1711.20	2.8	1708.43	0.86	1716.08	1.7	1714.39	1.4	1717.74	0.78	1720.36	1.9	1709.84
10/15/24	0.20	1711.46	0.57	1709.37	3.3	1720.90	5.3	1711.20	2.8	1708.40	0.87	1716.03	1.7	1714.49	1.4	1717.82	0.78	1720.30	1.9	1709.81
10/16/24	0.20	1711.44	0.54	1709.34	3.3	1720.87	5.3	1711.20	2.8	1708.41	0.87	1716.12	1.7	1714.62	1.4	1717.87	0.78	1720.24	1.8	1709.81
10/17/24	0.20	1711.42	0.56	1709.37	3.5	1720.84	5.3	1711.20	2.8	1708.43	0.86	1716.28	1.6	1714.73	1.4	1717.91	0.77	1720.19	1.8	1709.76
10/18/24	0.20	1711.40	0.58	1709.42	3.5	1720.79	5.3	1711.19	2.8	1708.42	0.87	1716.12	2.0	1713.75	1.6	1717.18	0.78	1720.08	1.8	1709.78
10/19/24	0.19	1711.59	0.56	1709.78	3.3	1720.83	5.1	1711.85	2.7	1708.95	0.77	1716.96	1.8	1714.07	1.3	1717.80	0.74	1720.09	1.7	1710.39
10/20/24	0.20	1711.40	0.57	1709.34	3.5	1720.75	5.3	1711.19	2.8	1708.45	0.78	1717.09	1.8	1714.14	1.2	1718.53	0.78	1720.00	1.8	1709.85
10/21/24	0.20	1711.41	0.57	1709.32	3.5	1720.73	5.3	1711.19	2.8	1708.45	0.79	1716.79	1.8	1714.14	1.1	1718.55	0.78	1719.93	1.7	1709.86
10/22/24	0.19	1711.44	0.56	1709.31	3.4	1720.71	5.3	1711.19	2.8	1708.45	0.86	1716.02	2.3	1712.61	1.8	1716.03	0.77	1719.78	1.7	1709.86
10/23/24	0.19	1711.45	0.53	1709.30	3.4	1720.69	5.3	1711.19	2.8	1708.45	0.86	1715.90	2.3	1712.62	1.8	1715.57	0.77	1719.64	1.7	1709.88
10/24/24	0.19	1711.45	0.52	1709.31	3.5	1720.68	5.3	1711.19	2.8	1708.45	0.86	1715.77	2.2	1712.77	1.7	1715.50	0.77	1719.61	1.7	1709.87
10/25/24	0.19	1711.45	0.52	1709.34	3.5	1720.66	5.2	1711.19	2.8	1708.46	0.86	1715.72	2.1	1713.01	1.7	1715.42	0.77	1719.55	1.7	1709.84
10/26/24	0.19	1711.44	0.51	1709.32	3.3	1720.63	5.2	1711.19	2.8	1708.44	0.85	1715.64	2.0	1713.17	1.7	1715.39	0.77	1719.50	1.7	1709.84
10/27/24	0.19	1711.44	0.51	1709.28	3.1	1720.63	5.2	1711.19	2.8	1708.45	0.87	1715.48	2.0	1713.23	1.7	1715.48	0.77	1719.50	1.7	1709.85
10/28/24	0.20	1711.43	0.54	1709.30	3.5	1720.63	5.2	1711.20	2.8	1708.44	0.88	1715.29	2.0	1713.33	1.6	1715.54	0.76	1719.51	1.7	1709.84
10/29/24	0.19	1711.42	0.54	1709.37	3.5	1720.62	5.2	1711.31	2.8	1708.55	0.86	1715.51	1.8	1713.71	1.6	1715.74	0.77	1719.46	1.6	1709.99
10/30/24 <sup>2</sup>	0.19	1711.46	0.53	1709.51	3.3	1720.66	5.1	1711.84	2.7	1708.96	0.79	1716.19	1.7	1714.14	1.5	1716.46	0.72	1719.53	1.6	1710.30
10/31/24	0.19	1711.40	0.54	1709.30	3.5	1720.62	5.3	1711.26	2.8	1708.50	0.84	1716.08	1.7	1714.38	1.4	1717.35	0.71	1719.59	1.7	1709.77
Monthly Average	0.20	1711.45	0.62	1709.54	2.4	1720.72	5.3	1711.25	2.8	1708.47	0.86	1715.93	1.8	1714.05	1.4	1717.33	0.75	1720.31	1.4	1708.70
Analytical <sup>1</sup>	Conc (mg/L)	Date	Conc <sup>2</sup> (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc <sup>17</sup> (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	790	10/7/2024	600	10/7/2024	370	10/7/2024	150	10/7/2024	200	10/7/2024	220	10/2/2024	485	10/2/2024	400	10/2/2024	540	10/3/2024	690	10/3/2024
Hexavalent Chromium	16	10/7/2024	12	10/7/2024	6.7	10/7/2024	3.2	10/7/2024	2.5	10/7/2024	1.2	10/17/2024	4.6	10/17/2024	6.0	10/17/2024	12	10/3/2024	11	10/3/2024
Total Chromium	15	10/7/2024	12	10/7/2024	6.5	10/7/2024	3.4	10/7/2024	2.5	10/7/2024	1.1	10/2/2024	4.7	10/2/2024	6.3	10/2/2024	10	10/3/2024	11 B	10/3/2024

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 A "c" 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.  
 B = Compound was found in the blank and sample.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 10/30, IWF offline due to maintenance.  
 5: On 10/01, I-C, I-M, and I-X adjusted to meet flow targets as described by the Trust.  
 6: On 10/10, I-C, I-N, I-O, and I-X adjusted to meet flow targets as described by the Trust.  
 7: Duplicates taken on 10/07 of well I-H for hexavalent chromium; average of both values are presented and used for calculations.  
 8: From 10/01 to 10/09, I-I offline due to maintenance.  
 9: On 10/12, I-M and I-X adjusted to meet flow targets as described by the Trust.  
 10: On 10/18, I-M, I-N, and I-X adjusted to meet flow targets as described by the Trust.  
 11: On 10/22, I-M and I-N adjusted to meet flow targets as described by the Trust.  
 12: Duplicates taken on 10/02 for perchlorate and total chromium and on 10/17 for hexavalent chromium of well I-M for perchlorate and hexavalent chromium; average of both values are presented and used for calculations.  
 13: From 10/01 to 10/07, I-P offline due to maintenance.

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-Z	
	Flow <sup>14</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>15</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 <sup>5,6,9,10,15</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
10/01/24	0.00	1718.32	0.54	1724.46	1.4	1713.58	0.68	1707.57	0.75	1707.68	4.1	1719.25	0.68	1718.02	2.6	1710.60	1.13	1714.20
10/02/24	0.00	1718.35	0.49	1724.70	1.4	1713.53	0.68	1707.57	0.75	1707.68	4.1	1719.32	0.68	1718.49	2.5	1712.02	1.11	1714.57
10/03/24	0.00	1718.36	0.48	1724.72	1.4	1713.49	0.69	1707.57	0.75	1734.06	4.1	1719.34	0.67	1718.65	2.5	1712.26	1.11	1714.59
10/04/24	0.00	1716.91	0.48	1724.70	1.4	1713.45	0.69	1707.57	0.75	1736.00	4.1	1719.36	0.66	1718.67	2.6	1710.27	1.11	1714.62
10/05/24	0.00	1714.55	0.49	1724.66	1.4	1713.41	0.69	1707.57	0.75	1736.00	4.1	1719.36	0.64	1718.93	2.7	1709.77	1.11	1714.55
10/06/24	0.00	1714.55	0.48	1724.65	1.4	1713.33	0.69	1707.57	0.75	1736.00	4.1	1719.37	0.64	1718.93	2.6	1710.83	1.12	1714.48
10/07/24	0.31	1714.57	0.46	1724.71	1.4	1713.34	0.69	1707.56	0.75	1736.00	4.1	1719.39	0.64	1718.97	2.5	1711.64	1.12	1714.37
10/08/24	0.40	1714.54	0.38	1725.02	1.4	1713.47	0.68	1707.56	0.75	1736.00	4.1	1719.38	0.60	1718.95	2.1	1713.61	1.13	1714.40
10/09/24	0.39	1714.54	0.41	1724.92	1.4	1713.54	0.68	1707.56	0.74	1736.00	4.1	1719.20	0.61	1717.03	2.2	1713.63	1.12	1714.47
10/10/24	0.38	1714.54	0.43	1724.84	1.4	1713.37	0.67	1707.56	0.74	1736.00	4.1	1718.80	0.61	1715.67	2.5	1712.32	1.12	1714.45
10/11/24	0.38	1714.54	0.41	1724.65	1.4	1713.55	0.67	1707.56	0.73	1736.00	4.1	1718.06	0.53	1715.42	2.5	1712.03	1.02	1715.46
10/12/24	0.38	1714.54	0.43	1724.24	1.4	1714.15	0.67	1707.56	0.73	1736.00	4.1	1717.64	0.65	1710.01	2.6	1709.26	0.99	1715.95
10/13/24	0.37	1714.54	0.41	1723.97	1.4	1714.16	0.66	1707.56	0.72	1736.00	4.1	1717.24	0.64	1710.01	2.6	1709.18	0.98	1715.97
10/14/24	0.37	1714.53	0.36	1723.86	1.4	1714.29	0.66	1707.56	0.72	1736.00	4.1	1716.94	0.63	1710.01	2.6	1709.34	0.99	1715.95
10/15/24	0.37	1714.53	0.36	1723.79	1.3	1715.07	0.66	1707.56	0.71	1736.00	4.1	1716.64	0.61	1710.01	2.6	1709.34	0.98	1716.00
10/16/24	0.37	1714.54	0.43	1723.71	1.2	1716.08	0.66	1707.56	0.71	1736.00	4.1	1716.48	0.61	1710.01	2.6	1709.50	1.0	1716.03
10/17/24	0.37	1714.54	0.47	1723.65	1.3	1716.09	0.66	1707.56	0.71	1736.00	4.1	1716.33	0.61	1710.01	2.6	1709.79	1.0	1716.07
10/18/24	0.36	1714.53	0.47	1723.60	1.2	1716.02	0.65	1707.55	0.70	1736.00	4.1	1715.94	0.61	1710.00	2.8	1703.74	1.0	1716.04
10/19/24	0.35	1714.58	0.46	1721.84	1.1	1716.82	0.64	1707.85	0.68	1736.00	3.9	1716.18	0.49	1713.37	2.7	1703.96	0.89	1716.59
10/20/24	0.36	1714.53	0.51	1719.86	1.4	1714.67	0.65	1707.55	0.70	1736.00	4.1	1715.88	0.51	1713.03	2.8	1704.13	0.90	1716.67
10/21/24	0.36	1714.53	0.52	1719.92	1.6	1711.17	0.65	1707.56	0.70	1736.00	4.1	1715.77	0.54	1711.15	2.8	1704.67	0.91	1716.48
10/22/24	0.36	1714.53	0.52	1719.88	1.6	1710.85	0.65	1707.56	0.70	1736.00	4.1	1715.58	0.56	1710.01	2.8	1703.68	0.95	1716.13
10/23/24	0.36	1714.53	0.52	1719.83	1.6	1710.65	0.65	1707.56	0.70	1736.00	4.1	1715.41	0.58	1710.01	2.7	1702.06	1.0	1716.00
10/24/24	0.36	1714.53	0.49	1719.93	1.6	1710.43	0.65	1707.56	0.70	1736.00	4.1	1715.21	0.58	1710.01	2.7	1701.51	1.0	1715.85
10/25/24	0.36	1714.53	0.54	1719.74	1.6	1710.27	0.64	1707.56	0.69	1736.00	4.1	1714.92	0.57	1710.01	2.7	1701.17	1.0	1715.76
10/26/24	0.36	1714.53	0.59	1719.52	1.6	1710.17	0.64	1707.56	0.70	1736.00	4.1	1714.53	0.56	1710.01	2.7	1700.59	1.0	1715.70
10/27/24	0.36	1714.53	0.59	1719.49	1.6	1710.05	0.64	1707.56	0.70	1736.00	4.1	1714.50	0.56	1710.01	2.7	1700.74	1.0	1715.66
10/28/24	0.36	1714.53	0.57	1719.54	1.6	< 1709.91	0.65	1707.56	0.70	1736.00	4.1	1714.47	0.56	1710.01	2.7	1701.10	1.0	1715.54
10/29/24	0.35	1714.53	0.58	1718.94	1.5	1711.35	0.64	1707.57	0.69	1736.00	4.0	1714.26	0.55	1710.00	2.6	1702.37	0.94	1715.83
10/30/24 <sup>2</sup>	0.35	1714.53	0.57	1718.37	1.3	1713.68	0.63	1707.65	0.68	1736.00	3.9	1714.81	0.50	1711.32	2.1	1705.77	0.89	1716.25
10/31/24	0.35	1714.53	0.56	1717.97	1.3	1714.53	0.64	1707.55	0.69	1736.00	4.1	1714.60	0.54	1710.14	2.8	< 1698.58	0.90	1716.34
Monthly Average	0.29	1714.98	0.48	1722.38	1.4	1713.18	0.66	1707.57	0.72	1734.11	4.1	1716.91	0.59	1713.13	2.6	1707.08	1.0	1715.52
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
Perchlorate	500	10/9/2024	470	10/2/2024	250	10/2/2024	690	10/7/2024	740	10/7/2024	500	10/7/2024	550	10/3/2024	510	10/2/2024	240	10/2/2024
Hexavalent Chromium	12	10/17/2024	0.87	10/17/2024	1.4	10/17/2024	14	10/7/2024	14	10/7/2024	8.8	10/7/2024	11	10/3/2024	8.4	10/17/2024	1.1	10/17/2024
Total Chromium	14	10/9/2024	0.82	10/2/2024	1.4	10/2/2024	13	10/7/2024	14	10/7/2024	8.3	10/7/2024	10 B	10/3/2024	8.7	10/2/2024	1.0	10/2/2024

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 B = Compound was found in the blank and sample.  
 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.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 10/30, IWF offline due to maintenance.  
 5: On 10/01, I-C, I-M, and I-X adjusted to meet flow targets as described by the Trust.  
 6: On 10/10, I-C, I-N, I-O, and I-X adjusted to meet flow targets as described by the Trust.  
 9: On 10/12, I-M and I-X adjusted to meet flow targets as described by the Trust.  
 10: On 10/18, I-M, I-N, and I-X adjusted to meet flow targets as described by the Trust.  
 14: From 10/01 to 10/06, I-Q offline due to maintenance.  
 15: On 10/20, I-S adjusted to meet flow targets as described by the Trust.  
 16: On 10/30, I-X offline briefly due to maintenance.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																
Date	LS #2	Chromium Treatment Subsystem Effluent <sup>1</sup>				GW-11 Influent <sup>1</sup>				FBR Plant Influent <sup>1</sup>						
	Flow (gpm)	Flow <sup>3</sup> (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO <sub>4</sub> (mg/L)	Flow (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO <sub>4</sub> (mg/L)	Flow (gpm)	TA - ClO <sub>4</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)
10/01/24	814	25	0.56	ND	340	0.0				839		45		9.4 H3	0.023	0.065
10/02/24	814	39				0.0				854		30				
10/03/24	786	36				0.0				883		56				
10/04/24	813	60				0.0				876		38				
10/05/24	815	72				0.0				947	49	48				
10/06/24	814	51				0.0				1002		47				
10/07/24	814	54				0.0				973		51	94	8.6 H3	0.10	
10/08/24	824	60	0.59	ND	390	4.5	0.068	0.071	36	982		50				0.062
10/09/24	812	74				0.0				954		52				
10/10/24	824	45				0.0				950		53				
10/11/24	803	60				0.0				893		53				
10/12/24	820	62				0.0				883	48	54				
10/13/24	835	58				0.0				893		54				
10/14/24	813	60				0.0				905		52				
10/15/24	824	60	0.49	ND	340	0.0				949		47		8.3 H3	0.11	0.031
10/16/24	813	57				0.0				1007		45				
10/17/24	821	60				0.0				958		47				
10/18/24	811	52				0.0				913		50				
10/19/24	812	59				0.0				929	49	51				
10/20/24	811	53				0.0				927		50				
10/21/24	811	51				0.0				933		49				
10/22/24	824	52	0.92	ND	340	0.0				1000		36		8.0	0.10	0.037
10/23/24	789	59				0.0				988		40				
10/24/24	811	52				0.0				991		47				
10/25/24	792	56				0.0				1003		47				
10/26/24	812	56				0.0				1023	49	46				
10/27/24	810	56				0.0				991		48				
10/28/24	813	56				0.0				973		51				
10/29/24	818	50	0.43	ND	360	0.056				974		51		5.1	0.079	0.052
10/30/24	810	52				0.078				980		42				
10/31/24	813	22				0.081				936		41				
Monthly Average <sup>2</sup>	813	53	0.61	ND	356	0.16	0.07	0.07	36	945	49	47	94	7.8	0.089	0.048

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.  
 H3 = Sample was received and analyzed past holding time. This does not meet regulatory requirements  
 TR = Total Recoverable.  
 ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 µg/L; ClO<sub>3</sub> = 10 µg/L; NO<sub>3</sub>-N= 0.055 mg/L; Cr(VI) = 0.25 µg/L).  
 1: ETI = Envirogen internal process control data, TA = Eurofins TestAmerica data, PA = Pace Analytical data.  
 2: All average concentrations reported are monthly flow weighted averages.  
 3: From 10/15 to 10/18, CTS totalizer offline; averaged flows are presented for these dates.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics															
Date	1st Stage FBR <sup>4</sup>			2nd Stage FBR <sup>4</sup>			FBR Plant Effluent <sup>5</sup>								
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow <sup>5</sup> (gpm)	TA - ClO <sub>4</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	ETI - Turbidity (NTU)	
10/01/24	635	6.5	-259	750	6.8	-409	599		0.0			0.090	ND	ND H3	28
10/02/24	808	6.4	-138	784	6.8	-389	785		0.17						34
10/03/24	653	6.4	-220	639	6.7	-410	625		0.0						23
10/04/24	780	6.5	-226	755	6.8	-399	823		0.25						29
10/05/24	918	6.5	-273	909	6.8	-408	927	ND D	0.0						21
10/06/24	549	6.6	-246	840	6.7	-367	974		0.0						37
10/07/24	871	6.5	-272	731	6.7	-388	928		0.0	ND D Q3	0.025		ND H3		33
10/08/24	844	6.6	-299	914	6.7	-380	937		0.0			ND			53
10/09/24	803	6.6	-299	819	6.7	-398	913		0.0						25
10/10/24	810	6.4	-290	830	6.6	-387	919		0.47						29
10/11/24	794	6.4	-292	810	6.6	-381	898		0.0						31
10/12/24	786	6.6	-302	817	6.5	-385	876	ND D	0.0						37
10/13/24	798	6.6	-305	809	5.6	-376	893		0.0						30
10/14/24	792	6.6	-317	779	5.6	-400	907		0.0						30
10/15/24	904	6.6	-316	943	5.0	-384	962		0.0		0.022	ND	ND H3		30
10/16/24	953	6.6	-275	969	4.4	-378	978		0.0						29
10/17/24	826	6.7	-307	889	6.6	-396	837		0.0						30
10/18/24	855	6.7	-440	894	6.5	-380	935		0.0						6.0
10/19/24	850	6.7	-308	839	6.4	-373	940 D	ND D	0.0						18
10/20/24	841	6.7	-291	974	6.4	-370	933		0.0						18
10/21/24	849	6.8	-308	845	6.4	-374	821		0.0						32
10/22/24	872	6.7	-204	959	6.3	-358	951		0.0		0.024	ND	0.018 J		25
10/23/24	936	6.7	-352	1073	6.5	-359	987		0.15						12
10/24/24	883	6.8	-357	952	6.5	-373	1021		0.0						40
10/25/24	900	6.8	-366	798	6.5	-370	1005		0.0						17
10/26/24	906	7.0	-375	959	6.5	-373	1017	ND D	0.0						28
10/27/24	866	6.8	-338	950	6.4	-370	1004		0.0						32
10/28/24	909	7.0	-382	953	6.4	-363	935		0.0						29
10/29/24	896	6.9	-411	949	6.5	-364	865		0.0		0.018	ND	ND		23
10/30/24	816	7.1	-424	933	6.5	-361	915		0.0						25
10/31/24	845	7.0	-412	679	6.3	-339	937		0.0						20
Monthly Average <sup>2</sup>	831	6.7	-312	863	6.4	-379	905	ND	0.0	ND	0.029	ND	0.0037		28

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.

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

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.

H3 = Sample was received and analyzed past holding time. This does not meet regulatory requirements

Q3 = Sample received with improper chemical preservation.

TR = Total Recoverable.

ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 µg/L; ClO<sub>3</sub> = 10 µg/L; NO<sub>3</sub>-N= 0.055 mg/L; Cr(VI) = 0.25 µg/L).

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

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

4: 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.

5: 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)
10/15/24	28.7	38.4
10/31/24	30.1	36.5

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>2</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
10/09/24	2.0	423	605	36
10/23/24	12.9	386	633	26

GW-11 Composite Sample <sup>3</sup>		
Analytes	Concentration	Units
Perchlorate	1.2 J	mg/L
Chlorate	0.62	mg/L
Ammonia as N	0.050	mg/L
Total Phosphorus	0.51	mg/L
Total Dissolved Solids (TDS)	13,000	mg/L
Total Suspended Solids (TSS)	120 D	mg/L
pH	8.2 HF	s.u.
Calcium	650	mg/L
Iron	0.27	mg/L
Chromium (total)	0.010	mg/L
Chromium VI	0.052	mg/L
Chloride	4,500	mg/L
Nitrate as N	0.014 J H	mg/L
Sulfate	3,800	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.

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: 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: September 18, 2024



Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics						
Date	Flow <sup>1</sup> (gpm)	FBR Influent Concentration			Influent Function Load <sup>2</sup> (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO <sub>4</sub> (mg/L)	NO <sub>3</sub> as N (mg/L)	ClO <sub>3</sub> (mg/L)		
Nov 2023	939	50	9.4	65	321	388
Dec 2023	994	50	7.2	100	387	386
Jan 2024	1,002	45	6.7	77	328	363
Feb 2024	934	48	7.9	73	316	352
Mar 2024	940	39	6.5	46	234	330
Apr 2024	1,022	52	7.6	100	408	332
May 2024	896	50	7.9	130	411	347
June 2024	1,028	40	8.3	110	412	351
July 2024	919	46	9.0	81	332	352
Aug 2024	867	51	9.8	100	365	360
Sep 2024	888	45	9.6	100	361	381
Oct 2024	945	49	7.8	94	361	373

Notes:

Concentrations and flow are presented as monthly average.

1: Flow used in loading calculation is average monthly FBR influent flow.

2: 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 <sup>3</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 <sup>4</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
10/01/24	2.3	1711.01	0.46	1711.07	0.55	1711.00	0.81	1714.78	0.92	1716.15	1.4	1715.42	1.4	1715.00	0.25	1718.09
10/02/24	2.3	1710.71	0.34	1711.20	0.56	1710.98	0.81	1714.40	0.91	1716.13	1.1	1715.21	1.3	1714.29	0.24	1718.01
10/03/24	1.8	1710.95	0.30	1711.08	0.43	1710.80	0.88	1714.45	0.90	1717.16	0.8	1715.33	1.5	1715.89	0.16	1717.69
10/04/24	2.8	1710.79	0.39	1710.72	0.69	1711.96	0.71	1714.49	0.91	1717.10	1.8	1715.17	1.1	1716.23	0.26	1716.95
10/05/24	2.3	1710.58	0.37	1711.02	0.55	1711.19	0.79	1714.65	0.90	1716.79	1.3	1717.88	1.3	1716.46	0.26	1717.56
10/06/24	2.3	1710.70	0.38	1710.18	0.56	1713.25	0.79	1713.46	0.90	1716.85	1.3	1717.79	1.3	1716.79	0.25	1716.64
10/07/24	2.3	1711.18	0.36	1710.85	0.54	1711.63	0.78	1713.20	0.92	1716.39	1.3	1717.74	1.3	1716.44	0.26	1716.93
10/08/24	2.2	1710.79	0.36	1711.02	0.52	1711.78	0.76	1712.73	0.89	1716.05	1.2	1717.27	1.3	1716.22	0.25	1716.61
10/09/24	2.4	1709.90	0.37	1711.82	0.61	1711.29	0.79	1713.65	0.94	1717.30	1.3	1716.21	1.3	1717.74	0.20	1717.79
10/10/24	2.4	1710.71	0.54	1710.18	0.57	1711.44	0.75	1715.14	0.89	1716.36	1.2	1715.42	1.3	1717.89	0.12	1719.83
10/11/24	2.4	1710.15	0.49	1709.98	0.58	1710.88	0.76	1715.56	0.90	1715.78	1.2	1715.87	1.3	1718.47	0.15	1715.44
10/12/24	2.4	1710.31	0.45	1709.93	0.58	1710.93	0.73	1715.28	0.90	1714.99	1.2	1715.57	1.3	1720.59	0.32	1715.75
10/13/24	2.4	1710.21	0.32	1710.42	0.57	1710.95	0.72	1715.79	0.90	1717.18	1.2	1715.73	1.3	1721.13	0.29	1716.05
10/14/24	2.4	1709.93	0.45	1709.65	0.58	1711.43	0.72	1714.44	0.90	1716.93	1.5	1715.55	1.3	1720.20	0.27	1715.82
10/15/24	2.3	1710.24	0.22	1710.20	0.53	1710.10	0.66	1715.48	0.85	1716.15	1.4	1715.74	1.2	1718.42	0.23	1715.23
10/16/24	2.3	1709.93	0.35	1711.34	0.51	1710.30	0.67	1716.04	0.83	1716.39	1.0	1715.57	1.2	1718.38	0.23	1715.21
10/17/24	2.3	1710.31	0.56	1711.17	0.52	1710.18	0.68	1715.99	0.84	1716.44	1.2	1715.93	1.2	1717.99	0.23	1715.47
10/18/24	2.3	1710.20	0.57	1710.40	0.52	1709.81	0.69	1715.87	0.85	1716.65	1.2	1716.07	1.2	1717.83	0.23	1716.12
10/19/24	2.3	1710.24	0.56	1709.97	0.51	1709.98	0.68	1715.71	0.83	1716.30	1.2	1716.22	1.2	1717.78	0.23	1715.79
10/20/24	2.3	1709.93	0.56	1710.09	0.51	1709.74	0.68	1716.09	0.83	1716.38	1.2	1716.27	1.2	1717.90	0.23	1715.71
10/21/24	2.3	1710.24	0.56	1710.21	0.52	1710.67	0.68	1716.03	0.83	1716.44	1.2	1716.62	1.2	1717.25	0.23	1716.04
10/22/24	2.3	1710.15	0.57	1709.95	0.53	1710.66	0.69	1715.79	0.85	1716.63	1.3	1716.54	1.2	1716.99	0.23	1716.15
10/23/24	2.2	1710.23	0.55	1709.88	0.44	1710.64	0.67	1715.45	0.82	1716.39	1.2	1716.95	1.2	1716.78	0.22	1718.00
10/24/24	1.3	1710.25	0.45	1709.81	0.46	1710.57	0.48	1716.04	0.60	1714.98	1.2	1717.51	0.67	1716.29	0.30	1712.84
10/25/24	2.3	1710.56	0.47	1710.04	0.45	1710.89	0.71	1716.20	1.16	1714.50	1.2	1716.42	1.5	1716.59	0.41	1713.54
10/26/24	2.2	1710.17	0.56	1709.89	0.55	1710.20	0.71	1715.80	0.91	1715.25	1.1	1716.59	1.3	1716.73	0.35	1713.90
10/27/24	2.1	1710.01	0.53	1710.33	0.46	1710.75	0.72	1715.94	1.04	1715.14	1.2	1716.52	1.2	1716.94	0.33	1714.03
10/28/24	2.7	1709.87	0.56	1709.93	0.58	1710.62	0.78	1716.42	1.04	1714.82	1.2	1717.32	1.4	1716.52	0.38	1714.57
10/29/24	2.6	1710.11	1.04	1709.95	0.80	1710.38	0.95	1717.21	1.22	1715.52	1.2	1718.42	1.8	1717.14	0.47	1716.44
10/30/24	3.7	1710.17	0.67	1709.99	0.76	1710.62	0.82	1717.53	1.42	1716.00	1.2	1719.45	1.9	1716.79	0.47	1715.76
10/31/24	2.4	1711.20	0.63	1709.64	0.61	1712.95	0.91	1712.94	1.05	1721.34	1.2	1719.42	1.3	1722.29	0.26	1716.69
Monthly Average	2.3	1710.38	0.48	1710.39	0.55	1710.92	0.74	1715.24	0.92	1716.34	1.2	1716.57	1.3	1717.49	0.27	1716.15
Analytical <sup>1</sup>	Conc <sup>2</sup> (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	460	10/9/2024	490	10/9/2024	290	10/9/2024	58	10/9/2024	330	10/9/2024	850	10/9/2024	880	10/9/2024	930	10/9/2024
Hexavalent Chromium	0.13	10/9/2024	0.17	10/9/2024	0.75	10/9/2024	0.027	10/9/2024	0.028	10/9/2024	0.12	10/9/2024	0.11	10/9/2024	0.22	10/24/2024
Total Chromium	0.14	10/9/2024	0.77	10/9/2024	0.77	10/9/2024	0.027	10/9/2024	0.029	10/9/2024	0.12	10/9/2024	0.11	10/9/2024	0.21	10/9/2024

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: Duplicates taken on 10/09 of well E1-1; average of both values are presented and used for calculations.  
 3: From 10/13 to 10/16, E1-2 offline periodically due to maintenance.  
 4: From 10/27 to 10/31, E2-3 totalizer offline due to maintenance; averaged flow presented for these dates.

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

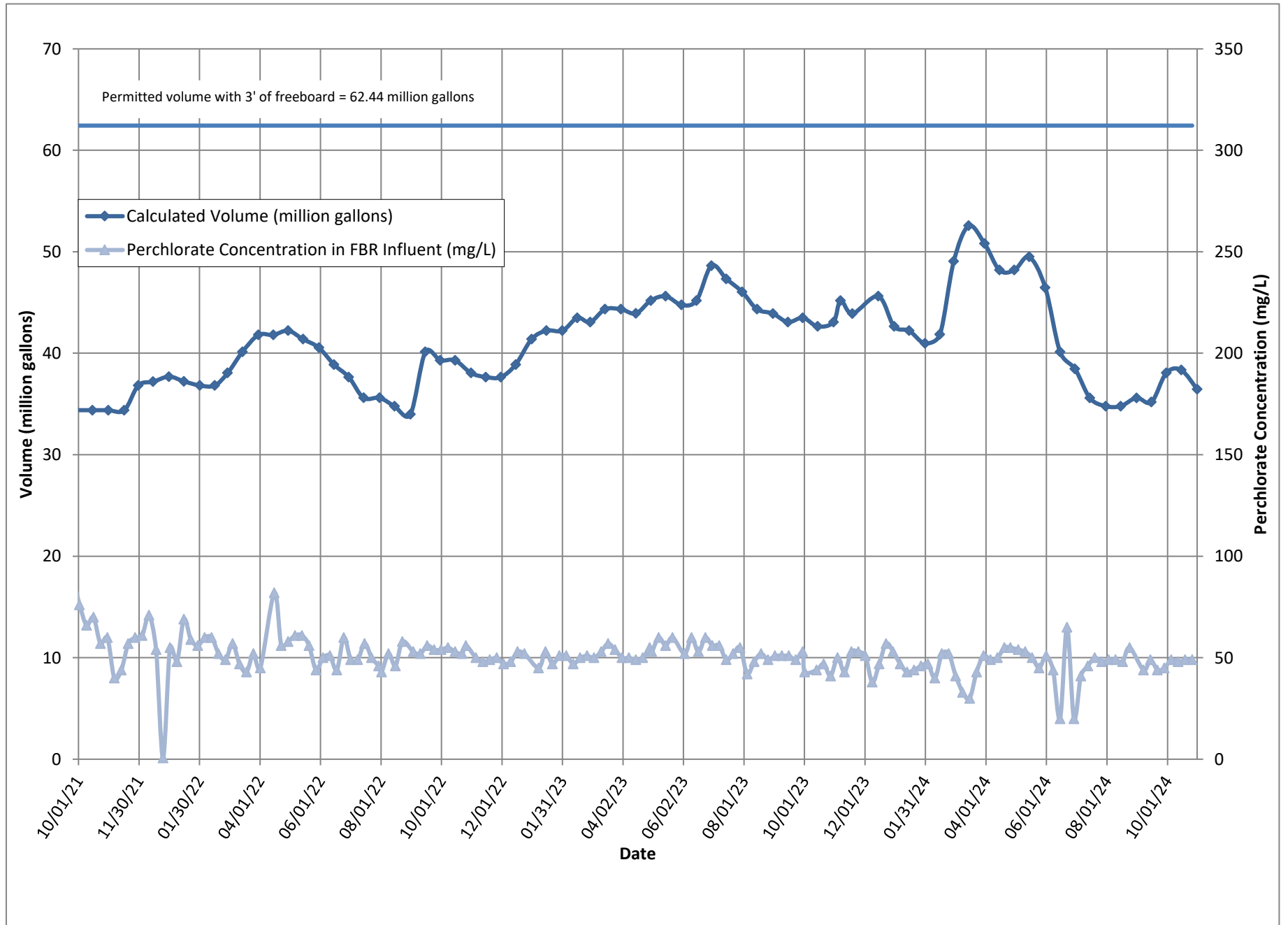


Figure 2 - FBR Equivalent Loading Calculation

