

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																											
Date	LS #1 Flow <sup>2</sup> (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-123									
		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 <sup>4,5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,7,8</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,7,8,10</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,8</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)								
10/01/23	489	159	1541.93	93	1543.48	129	1547.83	108	1536.61	64	1550.62	110	1553.35	50	< 1525.00	20	1554.83	10	< 1520.00								
10/02/23	490	159	1542.00	93	1543.51	129	1547.91	108	1536.66	64	1550.69	110	1553.43	50	< 1525.00	20	1554.91	10	< 1520.00								
10/03/23	490	159	1542.07	94	1543.52	129	1547.99	108	1536.72	64	1550.76	110	1553.52	50	< 1525.00	20	1554.99	10	< 1520.00								
10/04/23	554	159	1542.10	93	1543.51	129	1548.03	108	1536.76	65	1550.74	113	1553.45	62	< 1525.00	27	1554.68	10	< 1520.00								
10/05/23	555	159	1542.10	93	1543.47	129	1548.02	108	1536.77	65	1550.69	116	1553.35	75	< 1525.00	36	1554.32	10	< 1520.00								
10/06/23	555	159	1542.15	93	1543.47	129	1548.09	108	1536.82	65	1550.74	116	1553.42	75	< 1525.00	36	1554.40	10	< 1520.00								
10/07/23	555	159	1542.18	93	1543.46	129	1548.14	108	1536.86	65	1550.78	116	1553.47	75	< 1525.00	36	1554.45	10	1521.39								
10/08/23	555	159	1542.22	93	1543.44	129	1548.18	108	1536.88	65	1550.81	117	1553.51	75	< 1525.00	36	1554.49	10	1520.03								
10/09/23	555	159	1542.33	93	1543.41	129	1548.25	108	1536.97	65	1550.85	117	1553.56	76	< 1525.00	36	1554.54	10	1520.01								
10/10/23	553	158	1542.61	93	1543.42	128	1548.50	107	1537.24	65	1551.10	90	1553.91	58	< 1525.00	36	1554.66	10	1535.57								
10/11/23	557	160	1542.65	95	1543.38	129	1548.56	108	1537.21	66	1551.13	103	1553.92	48	< 1525.00	36	1554.77	10	1555.00								
10/12/23	557	160	1542.43	95	1543.32	129	1548.36	108	1537.04	65	1550.89	117	1553.57	76	< 1525.00	36	1554.55	10	1555.00								
10/13/23	557	160	1542.40	95	1543.29	129	1548.34	108	1537.01	65	1550.87	117	1553.56	76	< 1525.00	36	1554.55	10	1548.63								
10/14/23	557	160	1542.38	95	1543.26	129	1548.32	108	1536.99	65	1550.85	117	1553.55	76	< 1525.00	36	1554.54	10	1545.23								
10/15/23	557	160	1542.37	95	1543.24	129	1548.33	108	1536.99	65	1550.84	117	1553.56	76	< 1525.00	36	1554.54	10	1544.96								
10/16/23	571	159	1542.61	95	1543.23	129	1548.53	107	1537.31	80	1550.69	78	1554.05	51	< 1525.00	24	1554.26	10	1532.66								
10/17/23	578	160	1542.69	96	1543.20	129	1548.56	107	1537.40	86	1550.53	83	1554.05	51	< 1525.00	20	1526.59	10	1521.48								
10/18/23	556	160	1542.51	95	1543.12	129	1548.37	108	1537.08	64	1550.87	116	1553.57	76	< 1525.00	36	< 1525.00	10	1541.91								
10/19/23	556	160	1542.48	95	1543.08	129	1548.32	108	1537.02	64	1550.83	116	1553.52	76	< 1525.00	36	< 1525.00	10	1554.61								
10/20/23	556	160	1542.41	95	1543.03	129	1548.26	108	1536.97	64	1550.78	116	1553.47	76	< 1525.00	36	< 1525.00	10	1544.64								
10/21/23	556	160	1542.37	95	1542.98	129	1548.20	108	1536.90	64	1550.70	116	1553.40	76	< 1525.00	36	< 1525.00	10	1531.68								
10/22/23	556	160	1542.27	95	1542.91	129	1548.12	108	1536.83	64	1550.63	116	1553.32	76	< 1525.00	36	< 1525.00	10	1531.54								
10/23/23	555	160	1542.16	95	1542.81	129	1548.01	108	1536.73	64	1550.53	116	1553.21	76	< 1525.00	36	< 1525.00	10	1531.43								
10/24/23	555	160	1542.07	95	1542.78	129	1547.93	108	1536.65	64	1550.44	116	1553.11	76	< 1525.00	36	< 1525.00	10	1531.38								
10/25/23	555	160	1542.00	95	1542.73	129	1547.86	108	1536.58	64	1550.36	116	1553.03	76	< 1525.00	36	< 1525.00	10	1531.36								
10/26/23	555	160	1541.91	95	1542.68	128	1547.77	108	1536.50	64	1550.28	116	1552.94	76	< 1525.00	36	< 1525.00	10	1531.28								
10/27/23	491	160	1541.88	95	1542.63	128	1547.74	108	1536.45	64	1550.29	116	1552.97	61	< 1525.00	27	< 1525.00	10	1531.25								
10/28/23	491	160	1541.85	95	1542.59	129	1547.73	108	1536.41	63	1550.29	116	1552.99	51	< 1525.00	20	< 1525.00	10	1531.19								
10/29/23	491	160	1541.79	95	1542.54	128	1547.64	108	1536.33	63	1550.21	116	1552.90	50	< 1525.00	20	< 1525.00	10	1531.07								
10/30/23	491	159	1541.76	95	1542.49	128	1547.61	108	1536.30	63	1550.17	116	1552.88	49	< 1525.00	20	< 1525.00	10	1531.04								
10/31/23	491	159	1541.71	95	1542.44	128	1547.57	108	1536.26	63	1550.14	116	1552.84	49	< 1525.00	20	< 1525.00	10	1531.04								
Monthly Average	540	159	1542.21	95	1543.11	129	1548.10	108	1536.81	66	1550.65	112	1553.40	66	1525.00	31	1540.32	10	1532.43								
Analytical <sup>9</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						
Perchlorate	12		10/12/2023	11		10/12/2023	6.7		10/12/2023	9.6		10/12/2023	6.1		10/12/2023	3.3		10/12/2023	1.4		10/12/2023	0.30		10/12/2023	4.2		10/12/2023
Hexavalent Chromium	0.0053		10/12/2023	0.0014		10/12/2023	0.00017 J		10/12/2023	0.0057		10/12/2023	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023
Total Chromium	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023	0.0011		10/12/2023	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023	ND		10/12/2023

**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.  
 ND = Not detected above laboratory method detection limit (Cr(TR)=2.5 ug/L; Cr(VI) =0.20 ug/L).  
 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 10/10 and 10/16, LS #1 offline due to maintenance.  
 3: On 10/04, PC-99R2/R3 flow meter faulted; average values are presented for this date.  
 4: From 10/04 to 10/27, PC-118 switched from IX System to FBR Plant.  
 5: From 10/16 to 10/17, PC-118 flow increased.  
 6: on 10/04, PC-119, PC-120, and PC-121 flow adjusted.  
 7: on 10/10, PC-119 and PC-120 offline due to maintenance.  
 8: From 10/16 to 10/17, PC-119, PC-120, and PC-121 offline due to maintenance.  
 9: Duplicates taken on 10/12 for well PC-119; average of both values is presented and used for calculations.  
 10: On 10/27, PC-120 and 121 flow adjusted.

Table 2 - Athens Well Field (AWF) Operational Metrics

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 <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2.5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>7</sup> (gpm)	Water Elevation (ft amsl)							
10/01/23	407	42	< 1565.00	128	1587.66	28	1585.25	3.7	1581.67	63	1581.51	23	1584.78	173	1586.41	1.5	1579.83							
10/02/23	408	42	< 1565.00	128	1587.70	28	1585.28	3.7	1581.70	63	1581.68	22	1584.83	173	1586.44	1.5	1579.84							
10/03/23	395	42	< 1565.34	128	1587.75	28	1585.32	3.7	1581.74	63	1582.09	14	1585.13	173	1586.48	1.5	1579.85							
10/04/23	410	42	< 1565.03	128	1587.80	28	1585.35	3.7	1581.78	63	1582.18	23	1585.01	173	1586.52	1.5	1579.86							
10/05/23	410	42	< 1565.00	128	1587.85	28	1585.39	3.7	1581.82	63	1582.23	23	1585.04	173	1586.56	1.5	1579.88							
10/06/23	410	42	< 1565.00	128	1587.90	28	1585.43	3.7	1581.86	62	1582.33	23	1585.10	173	1586.60	1.5	1579.88							
10/07/23	410	42	< 1565.00	128	1587.96	28	1585.47	3.7	1581.91	62	1582.43	23	1585.15	173	1586.65	1.5	1579.90							
10/08/23	410	42	< 1565.00	128	1588.02	28	1585.52	3.7	1581.95	62	1582.53	23	1585.21	173	1586.69	1.5	1579.91							
10/09/23	411	42	< 1565.00	128	1588.08	28	1585.57	3.7	1582.01	63	1582.62	23	1585.27	173	1586.75	1.5	1579.92							
10/10/23	411	42	< 1565.00	128	1588.15	28	1585.62	3.7	1582.06	63	1582.72	23	1585.33	173	1586.80	1.5	1579.94							
10/11/23	412	42	< 1565.00	128	1588.20	28	1585.65	3.7	1582.10	63	1582.80	23	1585.38	173	1586.84	1.5	1579.94							
10/12/23	412	42	< 1587.56	128	1588.23	28	1585.68	3.7	1582.13	63	1582.88	23	1585.43	173	1586.87	1.5	1579.94							
10/13/23	412	42	< 1587.56	128	1588.29	28	1585.72	3.7	1582.18	63	1582.98	23	1585.49	173	1586.91	1.5	1579.95							
10/14/23	412	42	< 1587.56	128	1588.33	28	1585.76	3.7	1582.22	63	1583.06	23	1585.55	173	1586.94	1.5	1579.95							
10/15/23	413	42	< 1587.56	128	1588.38	28	1585.80	3.7	1582.26	63	1583.15	24	1585.60	173	1586.98	1.5	1579.97							
10/16/23	426	42	< 1587.56	128	1588.43	28	1585.84	3.7	1582.31	63	1583.21	31	1583.43	173	1587.03	1.5	1579.98							
10/17/23	436	42	< 1587.56	128	1588.47	28	1585.87	3.7	1582.36	62	1582.74	37	1582.12	173	1587.06	1.5	1579.99							
10/18/23	437	42	< 1587.56	128	1588.50	28	1585.89	3.7	1582.39	62	1582.62	37	1582.03	173	1587.08	1.5	1579.99							
10/19/23	437	42	< 1587.56	128	1588.53	28	1585.92	3.7	1583.38	62	1582.55	37	1581.99	173	1587.10	2.0	1579.99							
10/20/23	437	42	< 1587.56	128	1588.56	28	1585.94	3.7	1585.97	62	1582.53	37	1581.96	173	1587.13	2.0	1580.01							
10/21/23	437	42	< 1587.56	128	1588.60	28	1585.97	3.7	1584.01	62	1582.51	37	1581.95	173	1587.16	2.0	1580.01							
10/22/23	437	42	< 1565.00	128	1588.63	28	1586.00	3.7	1582.59	62	1582.51	37	1581.94	173	1587.19	2.0	1580.01							
10/23/23	437	42	< 1565.00	128	1588.65	28	1586.02	3.7	1582.59	62	1582.50	37	1581.92	173	1587.20	2.0	1580.02							
10/24/23	416	42	< 1565.00	128	1588.67	26	1586.04	3.7	1582.61	47	1583.95	30	1583.09	174	1587.21	2.0	1580.02							
10/25/23	403	42	< 1565.00	128	1588.69	26	1586.07	3.7	1582.63	38	1585.13	26	1584.08	174	1587.24	2.0	1580.03							
10/26/23	334	42	< 1565.00	128	1589.48	26	1586.54	3.7	1582.74	38	1585.28	26	1584.23	85	1584.88	2.0	1579.93							
10/27/23	352	42	< 1565.00	128	1589.60	26	1586.82	3.7	1582.93	38	1585.40	26	1584.36	117	1584.78	2.0	1580.07							
10/28/23	376	42	< 1565.00	128	1589.40	26	1586.77	3.7	1583.00	38	1585.50	26	1584.46	142	1587.99	2.0	1580.07							
10/29/23	377	42	< 1565.00	130	1589.40	26	1586.78	2.9	1582.01	38	1585.58	26	1584.54	142	1587.99	2.0	1580.07							
10/30/23	371	42	< 1565.00	130	1589.45	26	1586.83	3.4	1582.66	38	1585.67	26	1584.63	142	1588.04	2.0	1580.10							
10/31/23	376	42	< 1565.00	130	1589.49	26	1586.88	3.7	1583.09	38	1585.76	26	1584.70	142	1588.07	2.0	1580.09							
Monthly Average	407	42	1572.29	128	1588.48	28	1585.90	3.7	1582.47	56	1583.24	27	1584.19	164	1586.95	1.7	1579.96							
Analytical <sup>1</sup>	Conc (mg/L)		Date		Conc (mg/L)		Date		Conc (mg/L)		Date		Conc (mg/L)		Date		Conc (mg/L)		Date					
Perchlorate	26		10/12/2023	6.2		10/12/2023	130		10/12/2023	110		10/12/2023	120		10/12/2023	51		10/12/2023	42		10/12/2023	49		10/12/2023
Hexavalent Chromium	0.00017	J	10/12/2023	0.00085		10/12/2023	0.21		10/12/2023	0.17		10/12/2023	0.54		10/12/2023	0.36		10/12/2023	0.037		10/12/2023	0.058		10/12/2023
Total Chromium	ND		10/12/2023	ND		10/12/2023	0.19		10/12/2023	0.16		10/12/2023	0.51		10/12/2023	0.33		10/12/2023	0.027		10/12/2023	0.052		10/12/2023

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.  
 ND = Not detected above laboratory method detection limit (Cr(TR)=2.5 ug/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.  
 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 10/24, ART-3/3A, ART-9, and ART-7A/7B adjusted to meet flow targets as directed by the Trust.  
 3: On 10/29, ART-4/4A offline briefly due to maintenance.  
 4: Duplicates taken on 10/12 for well ART-4/4A; average of both values is presented and used for calculations.  
 5: From 10/03 to 10/16, ART-7A switched to ART-7B.  
 6: From 10/26 to 10/27, ART-8A switched to ART-8  
 7: Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow of 1.5 gpm determined from flow tests are presented for 10/01 to 10/23 and average flow of 2.0 gpm determined from flow tests are presented for 10/24 to 10/31. Average flows are 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 (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)
10/01/23	0.19	1721.77	0.85	1707.65	0.0	1718.76	0.0	1723.31	0.64	1720.36	0.42	1709.68	2.8	1708.57	0.77	1717.72	1.1	1714.15	3.1	1716.36
10/02/23	0.23	1716.08	0.85	1707.69	0.0	1718.75	0.0	1723.27	0.62	1720.52	0.41	1709.68	2.8	1708.71	0.72	1717.90	1.0	1714.17	3.0	1716.28
10/03/23	0.25	1714.98	0.85	1707.73	0.0	1718.75	0.0	1723.22	0.55	1721.00	0.42	1709.69	2.8	1708.78	0.66	1718.22	1.0	1714.19	3.1	1716.16
10/04/23 <sup>2</sup>	0.24	1714.68	0.84	1707.75	0.0	1718.74	0.0	1723.18	0.50	1721.32	0.40	1709.74	2.8	1708.76	0.63	1718.35	1.0	1714.15	3.1	1715.86
10/05/23 <sup>3</sup>	0.23	1714.60	0.85	1707.64	0.0	1718.72	0.0	1723.12	0.45	1721.62	0.40	1709.74	2.8	1708.55	0.73	1717.67	1.1	1714.02	3.2	1715.09
10/06/23	0.23	1714.59	0.85	1707.64	0.0	1718.69	0.0	1723.10	0.46	1721.55	0.36	1709.74	2.7	1708.55	0.84	1716.86	1.0	1713.98	3.1	1710.49
10/07/23	0.23	1714.58	0.84	1707.64	0.0	1718.67	0.0	1723.06	0.46	1721.54	0.36	1709.74	2.7	1708.56	0.81	1717.00	1.0	1713.91	2.9	1708.82
10/08/23	0.23	1714.58	0.84	1707.64	0.0	1718.66	0.0	1723.04	0.46	1721.56	0.38	1709.74	2.7	1708.56	0.77	1717.24	1.0	1713.88	2.9	1708.82
10/09/23	0.23	1714.58	0.84	1707.64	0.0	1718.64	0.0	1723.04	0.47	1721.48	0.38	1709.70	2.6	1708.56	0.72	1717.53	1.0	1713.87	2.8	1708.83
10/10/23	0.23	1714.58	0.84	1707.64	0.016	1718.28	0.0	1723.04	0.47	1721.47	0.39	1709.75	2.7	1708.57	0.67	1717.79	1.0	1713.72	2.7	1708.84
10/11/23	0.23	1714.58	0.84	1707.64	0.0	1718.61	0.0	1723.06	0.47	1721.49	0.38	1709.75	2.7	1708.55	0.89	1714.73	1.1	1713.61	2.7	1708.85
10/12/23	0.23	1714.58	0.84	1707.64	0.0	1718.58	0.011	1722.50	0.80	1718.05	0.37	1709.76	2.7	1708.55	1.09	1711.37	1.1	1713.67	2.6	1708.86
10/13/23	0.23	1714.58	0.84	1707.64	0.0	1718.57	0.0	1723.26	0.89	1717.29	0.39	1709.75	2.7	1708.55	1.07	1711.58	1.0	1713.75	2.6	1708.87
10/14/23	0.23	1714.58	0.83	1707.64	0.0	1718.55	0.0	1723.24	0.86	1717.63	0.38	1709.76	2.7	1708.55	1.03	1712.25	1.0	1713.72	2.6	1708.88
10/15/23	0.23	1714.58	0.83	1707.64	0.0	1718.54	0.0	1723.18	0.85	1717.82	0.37	1709.79	2.6	1708.54	1.01	1712.73	1.0	1713.69	2.5	1708.89
10/16/23	0.23	1714.58	0.83	1707.64	0.0	1718.53	0.0	1723.14	0.84	1718.03	0.36	1709.78	2.61	1708.54	0.99	1712.97	1.0	1713.66	2.5	1708.91
10/17/23	0.23	1714.58	0.83	1707.65	0.0	1718.52	0.0	1723.13	0.83	1718.07	0.34	1709.76	2.61	1708.54	0.97	1713.20	1.0	1713.63	2.5	1708.95
10/18/23	0.23	1714.58	0.83	1707.65	0.0	1718.51	0.0	1723.10	0.83	1718.15	0.37	1709.73	2.59	1708.54	0.96	1713.55	1.0	1713.57	2.4	1708.98
10/19/23	0.23	1714.58	0.83	1707.65	0.0	1718.49	0.0	1723.09	0.90	1716.48	0.34	1709.76	2.58	1708.54	0.94	1713.83	1.0	1713.54	2.3	1709.00
10/20/23	0.23	1714.58	0.83	1707.65	0.0	1718.44	0.0	1723.09	0.93	1716.47	0.35	1709.79	2.58	1708.54	0.93	1713.97	1.0	1713.53	2.2	1709.02
10/21/23	0.23	1714.58	0.83	1707.66	0.0	1718.42	0.0	1723.10	0.93	1716.41	0.36	1709.83	2.56	1708.54	0.92	1714.15	1.0	1713.52	2.2	1709.03
10/22/23	0.23	1714.58	0.83	1707.66	0.0	1718.41	0.0	1723.12	0.92	1716.69	0.35	1709.86	2.57	1708.54	0.90	1714.41	1.0	1713.51	2.2	1709.03
10/23/23	0.23	1714.58	0.82	1707.66	0.0	1718.40	0.0	1723.14	0.91	1716.77	0.37	1709.75	2.59	1708.54	0.89	1714.57	1.0	1713.52	2.2	1709.02
10/24/23	0.23	1714.58	0.82	1707.66	0.0	1718.39	0.0	1723.13	0.90	1716.84	0.37	1709.79	2.58	1708.54	0.88	1714.70	1.0	1713.52	2.2	1709.01
10/25/23	0.23	1714.58	0.82	1707.66	0.0	1718.39	0.0	1723.13	0.90	1716.87	0.37	1709.77	2.58	1708.54	0.88	1714.62	1.0	1713.51	2.2	1709.01
10/26/23	0.23	1714.57	0.82	1707.66	0.0	1718.38	0.0	1723.11	0.90	1716.92	0.36	1709.82	2.58	1708.54	0.86	1714.96	1.0	1713.52	2.2	1709.00
10/27/23	0.23	1714.57	0.82	1707.66	0.0	1718.38	0.0	1723.15	0.90	1716.86	0.36	1709.78	2.6	1708.54	0.84	1715.26	1.0	1713.52	2.2	1709.00
10/28/23	0.23	1714.57	0.82	1707.66	0.0	1718.37	0.0	1723.18	0.89	1716.94	0.36	1709.83	2.6	1708.54	0.82	1715.44	1.0	1713.52	2.1	1709.00
10/29/23	0.24	1714.57	0.82	1707.66	0.0	1718.36	0.0	1723.26	0.89	1716.96	0.36	1709.80	2.6	1708.53	0.81	1715.60	1.0	1713.51	2.1	1708.98
10/30/23	0.23	1714.57	0.82	1707.67	0.0	1718.37	0.0	1723.26	0.89	1716.87	0.36	1709.81	2.6	1708.53	0.80	1715.69	1.0	1713.49	2.1	1708.98
10/31/23	0.23	1714.57	0.82	1707.67	0.0	1718.37	0.0	1723.25	0.89	1716.90	0.36	1709.81	2.6	1708.53	0.79	1715.79	1.0	1713.54	2.1	1708.97
Monthly Average	0.23	1714.88	0.83	1707.66	0.0	1718.52	0.0	1723.13	0.75	1718.61	0.37	1709.76	2.6	1708.57	0.86	1715.21	1.0	1713.71	2.5	1710.12
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	10/10/2023	23	10/10/2023	38	10/10/2023	160	10/12/2023	160	10/12/2023	190	10/10/2023	400	10/10/2023	360	10/10/2023	380	10/10/2023	490	10/10/2023
Hexavalent Chromium	0.98	10/10/2023	0.049	10/10/2023	0.001	10/10/2023	1.7	10/12/2023	1.8	10/12/2023	0.18	10/10/2023	2.5	10/10/2023	4.0	10/10/2023	5.9	10/10/2023	11	10/10/2023
Total Chromium	1.0	10/10/2023	0.047	10/10/2023	0.030	10/10/2023	1.7	10/12/2023	1.7	10/12/2023	0.45	10/10/2023	2.6	10/10/2023	3.8	10/10/2023	6.0	10/10/2023	11	10/10/2023

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
  - 1: Analytical results are reported from Eurofins TestAmerica.
  - 2: On 10/04 and 10/05, IWF offline intermittently due to maintenance.
  - 3: on 10/10, I-AB online for sampling.
  - 4: On 10/12, I-AC online for sampling.
  - 5: On 10/12, I-AD adjusted to meet flow targets as directed by the Trust.
  - 6: On 10/19, I-AD, I-H, I-L, and I-O adjusted to meet flow targets as directed by the Trust.
  - 7: On 10/05, I-D, I-F, I-H, I-L, I-O, I-P and I-X adjusted to meet flow targets as directed by the Trust.
  - 8: On 10/11, I-D, I-H, I-L, I-P and I-Y adjusted to meet flow targets 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 <sup>6,7,8</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>6,7,8,9</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>6,7,8</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>7,8</sup> (gpm)	Water Elevation (ft amsl)
10/01/23	0.20	1711.37	0.52	1718.56	4.1	1720.80	5.5	1711.23	2.9	1708.54	0.68	1716.75	1.5	1719.14	1.6	1719.15	0.34	1720.58	1.3	1719.09
10/02/23	0.20	1711.38	0.44	1719.13	4.3	1720.75	5.4	1711.34	2.9	1708.60	0.66	1716.93	1.5	1719.21	1.6	1719.08	0.31	1720.55	1.3	1719.09
10/03/23	0.20	1711.38	0.36	1719.64	4.2	1720.73	5.3	1711.49	2.9	1708.72	0.61	1717.27	1.3	1719.43	1.5	1719.06	0.28	1720.55	1.2	1719.16
10/04/23 <sup>2</sup>	0.20	1711.39	0.32	1719.86	4.2	1720.69	5.3	1711.43	2.8	1708.71	0.59	1717.39	1.3	1719.53	1.5	1719.03	0.25	1720.55	1.2	1719.20
10/05/23 <sup>2</sup>	0.20	1711.36	0.41	1719.30	4.3	1720.64	5.3	1711.23	2.9	1708.58	0.76	1715.90	1.3	1719.55	1.4	1719.00	0.33	1720.50	1.4	1718.85
10/06/23	0.21	1711.30	0.47	1718.48	4.3	1720.59	5.3	1711.23	2.8	1708.61	0.94	1714.15	1.2	1719.55	1.4	1718.88	0.44	1720.37	1.7	1718.22
10/07/23	0.20	1711.29	0.41	1718.50	3.9	1720.55	5.3	1711.23	2.8	1708.60	0.91	1714.30	1.2	1719.54	1.4	1718.76	0.41	1720.33	1.7	1718.06
10/08/23	0.20	1711.28	0.42	1718.48	3.5	1720.51	5.3	1711.23	2.8	1708.54	0.90	1714.42	1.2	1719.54	1.4	1718.66	0.38	1720.30	1.7	1717.94
10/09/23	0.20	1711.28	0.43	1718.48	3.4	1720.49	5.3	1711.24	2.8	1708.55	0.88	1714.54	1.2	1719.50	1.4	1718.58	0.37	1720.28	1.7	1717.86
10/10/23	0.20	1711.29	0.43	1718.54	3.4	1720.48	5.2	1711.24	2.8	1708.54	0.85	1714.82	1.2	1719.47	1.4	1718.50	0.35	1720.27	1.7	1717.84
10/11/23	0.20	1711.28	0.52	1714.08	3.5	1720.46	5.2	1711.24	2.8	1708.55	0.95	1714.45	1.2	1719.46	1.4	1718.42	0.51	1720.08	1.7	1716.66
10/12/23	0.20	1711.28	0.57	1709.52	3.9	1720.41	5.2	1711.24	2.8	1708.55	1.0	< 1714.00	1.2	1719.43	1.4	1718.37	0.62	1719.79	1.7	1712.81
10/13/23	0.20	1711.28	0.55	1709.49	4.3	1720.38	5.2	1711.24	2.8	1708.54	1.0	< 1714.00	1.2	1719.41	1.4	1718.30	0.59	1719.72	1.7	1711.71
10/14/23	0.20	1711.28	0.55	1709.48	4.4	1720.35	5.2	1711.24	2.8	1708.53	1.0	< 1714.00	1.1	1719.39	1.4	1718.21	0.58	1719.67	1.7	1711.26
10/15/23	0.20	1711.28	0.52	1709.46	4.4	1720.34	5.2	1711.24	2.8	1708.52	0.99	< 1714.00	1.1	1719.42	1.4	1718.13	0.57	1719.64	1.6	1710.57
10/16/23	0.20	1711.28	0.49	1709.46	4.3	1720.33	5.2	1711.24	2.8	1708.53	0.96	< 1714.00	1.1	1719.43	1.4	1718.17	0.56	1719.64	1.6	1711.22
10/17/23	0.20	1711.28	0.48	1709.49	3.9	1720.33	5.2	1711.24	2.8	1708.53	0.90	< 1714.02	1.1	1719.44	1.6	1717.43	0.55	1719.64	1.6	1711.51
10/18/23	0.20	1711.28	0.48	1709.52	3.5	1720.32	5.2	1711.24	2.8	1708.52	0.88	< 1711.64	1.1	1719.43	1.8	1716.40	0.53	1719.65	1.6	1711.77
10/19/23	0.20	1711.29	0.46	1709.51	3.4	1720.31	5.2	1711.24	2.8	1708.52	0.99	< 1711.64	1.0	1719.43	1.7	1716.22	0.69	1718.79	1.6	1710.39
10/20/23	0.20	1711.29	0.45	1709.35	3.4	1720.31	5.2	1711.24	2.8	1708.52	1.0	< 1711.64	1.0	1719.43	1.7	1716.18	0.70	1718.95	1.6	1709.52
10/21/23	0.20	1711.29	0.45	1709.36	3.4	1720.30	5.2	1711.24	2.8	1708.54	1.0	< 1711.64	1.0	1719.43	1.7	1716.12	0.67	1719.18	1.6	1709.51
10/22/23	0.20	1711.29	0.46	1709.35	3.5	1720.30	5.2	1711.24	2.8	1708.54	0.97	< 1711.64	1.0	1719.47	1.7	1716.12	0.67	1719.21	1.6	1709.51
10/23/23	0.20	1711.28	0.51	1709.39	3.8	1720.29	5.2	1711.24	2.8	1708.54	0.97	< 1711.64	1.0	1719.47	1.5	1716.72	0.67	1719.13	1.6	1709.50
10/24/23	0.19	1711.28	0.50	1709.39	4.2	1720.29	5.2	1711.24	2.8	1708.54	0.96	< 1711.64	1.0	1719.48	1.5	1716.81	0.65	1719.12	1.6	1709.49
10/25/23	0.20	1711.29	0.52	1709.40	4.4	1720.28	5.2	1711.24	2.8	1708.53	0.95	< 1711.64	1.0	1719.50	1.5	1716.80	0.64	1719.20	1.5	1709.49
10/26/23	0.19	1711.28	0.52	1709.42	4.4	1720.28	5.2	1711.24	2.8	1708.56	0.95	< 1711.64	0.9	1719.50	1.5	1716.80	0.64	1719.16	1.5	1709.49
10/27/23	0.19	1711.28	0.52	1709.38	4.4	1720.27	5.2	1711.24	2.8	1708.56	0.93	< 1714.00	0.9	1719.52	1.5	1716.81	0.58	1719.37	1.5	1709.48
10/28/23	0.19	1711.28	0.52	1709.42	4.4	1720.26	5.2	1711.24	2.8	1708.56	0.91	< 1714.00	0.9	1719.52	1.5	1716.78	0.59	1719.35	1.5	1709.48
10/29/23	0.19	1711.28	0.52	1709.43	4.4	1720.25	5.2	1711.23	2.8	1708.54	0.90	< 1714.00	0.9	1719.52	1.5	1716.74	0.60	1719.30	1.5	1709.48
10/30/23	0.19	1711.28	0.52	1709.40	4.4	1720.24	5.2	1711.24	2.8	1708.55	0.87	< 1714.00	0.9	1719.56	1.6	1716.70	0.59	1719.30	1.5	1709.48
10/31/23	0.19	1711.28	0.52	1709.41	4.4	1720.24	5.2	1711.24	2.8	1708.57	0.87	< 1714.00	0.9	1719.589	1.6	1716.65	0.58	1719.31	1.5	1709.49
Monthly Average	0.20	1711.30	0.48	1712.64	4.0	1720.41	5.2	1711.26	2.8	1708.56	0.90	< 1713.86	1.1	1719.46	1.5	1717.66	0.52	1719.72	1.6	1713.13
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	830	10/10/2023	660	10/10/2023	330	10/12/2023	200	10/12/2023	250	10/10/2023	480	10/10/2023	430	10/10/2023	540	10/10/2023	540	10/10/2023	540	10/10/2023
Hexavalent Chromium	17	10/10/2023	12	10/10/2023	6.2	10/12/2023	3.24	10/12/2023	2.4	10/10/2023	1.3	10/10/2023	5.0	10/10/2023	6.9	10/10/2023	11	10/10/2023	11	10/10/2023
Total Chromium	14	10/10/2023	11	10/10/2023	6.1	10/12/2023	3.2	10/12/2023	2.4	10/10/2023	1.2	10/10/2023	4.9	10/10/2023	6.6	10/10/2023	11	10/10/2023	9.8	10/10/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 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 10/04 and 10/05, IWF offline intermittently due to maintenance.  
 6: On 10/19, I-AD, I-H, I-L, and I-O adjusted to meet flow targets as directed by the Trust.  
 7: On 10/05, I-D, I-F, I-H, I-L, I-O, I-P and I-X adjusted to meet flow targets as directed by the Trust.  
 8: On 10/11, I-D, I-H, I-L, I-O, I-P and I-Y adjusted to meet flow targets as directed by the Trust.  
 9: On 10/18 and 10/26, I-L, I-Y, and I-Z, water level taken manually due to water level dropping below transducer level.

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)
10/01/23	0.42	1714.52	1.0	1718.80	1.7	< 1706.16	0.66	1707.67	0.73	1707.64	4.1	1717.51	0.72	1710.02	2.0	1714.59	1.2	1706.80	8.2	< 1710.00
10/02/23	0.41	1714.52	1.0	1718.81	1.7	< 1706.27	0.66	1707.68	0.72	1707.66	4.1	1717.38	0.71	1710.02	2.0	1714.57	1.2	1709.55	7.8	1710.08
10/03/23	0.41	1714.52	1.0	1718.69	1.7	< 1706.39	0.66	1707.69	0.72	1707.69	4.0	1717.37	0.70	1710.02	2.0	1714.56	1.1	1710.53	7.3	1710.18
10/04/23 <sup>2</sup>	0.41	1714.53	1.0	1718.36	1.7	< 1706.38	0.66	1707.71	0.72	1707.71	4.0	1717.21	0.71	1710.03	2.0	1714.48	1.2	1709.93	6.5	1710.15
10/05/23 <sup>2</sup>	0.40	1714.53	1.1	1718.31	1.7	< 1706.16	0.66	1707.66	0.72	1707.64	4.1	1716.99	0.70	1710.02	2.3	1713.81	1.2	1709.91	6.3	< 1710.00
10/06/23	0.40	1714.53	1.1	1718.10	1.7	< 1706.16	0.66	1707.66	0.72	1707.65	4.1	1716.67	0.67	1710.02	2.5	1712.89	1.2	1708.51	6.7	< 1710.00
10/07/23	0.39	1714.53	1.1	1717.97	1.6	< 1706.16	0.65	1707.66	0.72	1707.65	4.1	1716.38	0.66	1710.02	2.5	1712.76	1.1	1708.36	6.4	< 1710.00
10/08/23	0.38	1714.53	1.1	1717.86	1.6	< 1706.16	0.65	1707.66	0.72	1707.65	4.1	1716.15	0.65	1710.02	2.5	1712.67	1.2	1707.96	6.2	< 1710.00
10/09/23	0.38	1714.53	1.1	1717.75	1.6	< 1706.16	0.65	1707.66	0.72	1707.66	4.1	1715.92	0.64	1710.03	2.5	1712.58	1.2	1707.66	6.4	< 1710.00
10/10/23	0.38	1714.53	1.1	1717.66	1.6	< 1706.16	0.65	1707.65	0.71	1707.66	4.1	1715.75	0.63	1710.03	2.5	1712.52	1.1	1707.70	6.7	< 1710.00
10/11/23	0.38	1714.53	1.1	1717.50	1.6	< 1706.16	0.65	1707.64	0.71	1707.66	4.1	1715.53	0.62	1710.03	2.5	1712.46	1.2	1706.40	6.8	< 1710.00
10/12/23	0.37	1714.52	1.1	1717.29	1.6	< 1706.16	0.64	1707.64	0.70	1707.65	4.1	1714.95	0.60	1710.02	2.5	1712.47	1.2	< 1705.00	6.5	< 1710.00
10/13/23	0.37	1714.52	1.1	1717.23	1.6	< 1706.15	0.64	1707.64	0.69	1707.65	4.1	1714.44	0.58	1710.02	2.5	1712.45	1.2	< 1705.00	7.4	< 1710.00
10/14/23	0.37	1714.52	1.1	1717.21	1.6	< 1706.15	0.64	1707.64	0.70	1707.65	4.1	1714.06	0.57	1710.02	2.5	1712.39	1.2	< 1705.00	6.9	< 1710.00
10/15/23	0.37	1714.52	1.1	1717.21	1.6	< 1706.15	0.64	1707.64	0.69	1707.66	4.1	1713.73	0.57	1710.01	2.5	1712.32	1.2	< 1705.00	5.8	< 1710.00
10/16/23	0.37	1714.53	1.1	1717.09	1.6	< 1706.15	0.64	1707.64	0.69	1707.66	4.1	1713.54	0.56	1710.02	2.5	1712.26	1.2	< 1705.00	5.5	< 1710.00
10/17/23	0.37	1714.53	1.1	1716.98	1.6	< 1706.15	0.64	1707.64	0.69	1707.66	4.1	1713.35	0.56	1710.02	2.5	1712.18	1.2	< 1705.00	6.2	< 1710.00
10/18/23	0.37	1714.53	1.1	1717.01	1.6	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1713.13	0.56	1710.02	2.5	1711.83	1.2	< 1701.28	6.3	1710.11
10/19/23	0.37	1714.53	1.2	1714.99	1.6	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1712.88	0.55	1710.02	2.5	1711.56	1.2	< 1701.28	6.4	1710.11
10/20/23	0.37	1714.53	1.2	1713.88	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1712.55	0.55	1710.02	2.5	1711.36	1.1	< 1701.28	6.3	1710.11
10/21/23	0.37	1714.53	1.3	1713.78	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1712.37	0.54	1710.02	2.5	1711.16	1.1	< 1701.28	6.2	1710.11
10/22/23	0.37	1714.53	1.2	1713.83	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1712.27	0.54	1710.02	2.5	1710.94	1.1	< 1701.28	6.5	1710.11
10/23/23	0.37	1714.52	1.2	1713.88	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1711.95	0.54	1710.02	2.5	1710.90	1.1	< 1701.28	6.7	1710.11
10/24/23	0.36	1714.52	1.2	1714.05	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1711.53	0.54	1710.02	2.5	1710.93	1.1	< 1701.28	6.2	1710.11
10/25/23	0.36	1714.52	1.2	1713.78	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1711.33	0.54	1710.02	2.5	1710.92	1.1	< 1701.28	6.7	1710.11
10/26/23	0.36	1714.52	1.2	1713.76	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1710.95	0.54	1710.02	2.5	1710.84	1.1	< 1701.15	7.2	1710.15
10/27/23	0.36	1714.52	1.2	1713.67	1.5	< 1706.15	0.63	1707.64	0.69	1707.66	4.1	1710.78	0.54	1710.02	2.5	1710.82	1.1	< 1701.15	7.3	1710.15
10/28/23	0.36	1714.52	1.2	1713.74	1.5	< 1706.15	0.63	1707.64	0.68	1707.66	4.1	1710.66	0.54	1710.02	2.5	1710.77	1.1	< 1701.15	7.0	1710.15
10/29/23	0.36	1714.52	1.2	1713.66	1.5	< 1706.15	0.63	1707.63	0.68	1707.66	4.0	1710.24	0.53	1710.01	2.5	1710.63	1.1	< 1701.15	6.8	1710.15
10/30/23	0.36	1714.52	1.2	1713.72	1.5	< 1706.15	0.63	1707.63	0.68	1707.66	4.0	1710.04	0.53	1710.01	2.5	1710.86	1.1	< 1701.15	6.6	1710.15
10/31/23	0.36	1714.52	1.2	1713.82	1.5	< 1706.15	0.63	1707.64	0.68	1707.66	4.0	1710.00	0.53	1710.01	2.5	1710.81	1.1	< 1701.15	6.6	1710.15
Monthly Average	0.38	1714.52	1.1	1716.14	1.6	1706.17	0.64	1707.65	0.70	1707.66	4.1	1713.79	0.59	1710.02	2.4	1712.14	1.2	< 1704.53	6.7	1710.07
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	10/10/2023	535	10/10/2023	330	10/10/2023	690	10/10/2023	760	10/10/2023	520	10/12/2023	580	10/10/2023	570	10/10/2023	290	10/10/2023	140	10/12/2023
Hexavalent Chromium	13	10/10/2023	0.84	10/10/2023	1.5	10/10/2023	15	10/10/2023	14	10/10/2023	7.7	10/12/2023	11	10/10/2023	9.5	10/10/2023	1.2	10/10/2023	4.2	10/12/2023
Total Chromium	12	10/10/2023	0.84	10/10/2023	1.5	10/10/2023	14	10/10/2023	13	10/10/2023	7.5	10/12/2023	10	10/10/2023	8.6	10/10/2023	1.2	10/10/2023	4.2	10/12/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 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 10/04 and 10/05, IWF offline intermittently due to maintenance.  
 7: On 10/05, I-D, I-F, I-H, I-L, I-O, I-P and I-X adjusted to meet flow targets as directed by the Trust.  
 8: On 10/11, I-D, I-H, I-L, I-O, I-P and I-Y adjusted to meet flow targets as directed by the Trust.  
 9: On 10/18 and 10/26, I-L, I-Y, and I-Z, water level taken manually due to water level dropping below transducer level.  
 10: Duplicates taken on 10/10 for well I-R; average of both values is presented and used for calculations.

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>				Unit 4 Influent <sup>2</sup>					FBR Plant Influent <sup>4</sup>							
	Flow (gpm)	Flow (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 <sup>3</sup> (gpm)	PA - Cr (VI) (mg/L)	TA - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	Flow <sup>4,5</sup> (gpm)	TA - ClO <sub>4</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	
10/01/23	868	56				0.0				0.0					970		49					
10/02/23	867	56				0.0				0.0					945		50					
10/03/23	857	48				0.0				0.0					973		48					
10/04/23	902	51	0.68	0.00030 J	380	6.3	0.047	0.057	29	0.0					969		49	99	8.2	0.097	0.035	
10/05/23	935	33				0.0				0.0					969		52					
10/06/23	936	58				0.0				0.0					994		44					
10/07/23	935	57				0.0				0.0					993	43	52					
10/08/23	936	56				0.0				0.0					992		50					
10/09/23	945	55				0.0				0.0					1000		45					
10/10/23	869	53				0.0				0.0					988		45					
10/11/23	939	59	1.2	0.00035 J	370	0.0				0.0					998		41		8.9	0.12	0.044	
10/12/23	944	60				0.0				0.0					1004		44					
10/13/23	938	60				0.0				0.0					998		42					
10/14/23	938	59				0.0				0.0					997	44	42					
10/15/23	939	59				0.0				0.0					997		41					
10/16/23	876	62				0.0				0.0					1138		44					
10/17/23	912	57				0.0				0.0					1142		41					
10/18/23	961	57	1.0	0.00060	350	0.0				0.0					1018		39		9.3	0.10	0.041	
10/19/23	961	60				0.0				0.0					1021		40					
10/20/23	961	61				0.0				0.0					1022		40					
10/21/23	964	55				0.0				0.0					1019	47	40					
10/22/23	967	55				0.0				0.0					1023		39					
10/23/23	962	56				0.0				0.0					1018		38					
10/24/23	946	59				0.0				0.0					1005		40					
10/25/23	927	60	0.91	0.00036 J	390	0.0				0.0					1027		48		8.6	0.079	0.030	
10/26/23	865	37				0.0				0.0					1028		29					
10/27/23	842	60				0.0				0.0					955		38					
10/28/23	838	59				0.0				0.0					954	41	39					
10/29/23	838	58				0.084				0.0					1067		38					
10/30/23	850	59				0.090				0.0					980		39					
10/31/23	846	47				0.084				0.0					914		38					
Monthly Average <sup>2</sup>	912	56	0.95	0.00040	374	0.22	0.047	0.057	29	0.0	0.0	0.0	0.0	0.0	1004	44	43	99	8.7	0.097	0.037	

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.  
 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.  
 TR = Total Recoverable.  
 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 09/01 to 09/30, Unit 4 valve closed due to maintenance.  
 4: From 10/04 to 10/27, PC-118 switched from IX System to FBR Plant.  
 5: On 10/26, FBR Plant offline due to maintenance.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics														
Date	1st Stage FBR <sup>6</sup>			2nd Stage FBR <sup>6</sup>			FBR Plant Effluent <sup>7</sup>							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow <sup>7</sup> (gpm)	TA - ClO <sub>2</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>2</sub> - N (mg/L)	ETI - Turbidity (NTU)
10/01/23	1029	6.4	-249	880	6.5	-359	960		ND					5.0
10/02/23	1016	6.5	-342	924	6.5	-374	965		ND					5.0
10/03/23	1058	6.5	-333	913	6.6	-370	963		ND					8.0
10/04/23	1019	6.7	-374	963	6.5	-386	962		ND	0.019 J	0.0067 J	0.00045 J	ND	8.0
10/05/23	1037	6.5	-319	898	6.4	-392	951		ND					9.0
10/06/23	1002	6.6	-370	904	6.5	-389	958		ND					9.0
10/07/23	906	6.7	-391	836	6.5	-362	925	0.013	ND					22
10/08/23	844	6.5	-334	731	6.4	-345	928		ND					6.0
10/09/23	978	6.6	-335	808	6.5	-378	958		ND					10
10/10/23	1030	6.6	-308	897	6.5	-376	924		ND					5.0
10/11/23	1031	6.6	-353	962	6.7	-343	1016		ND		0.036	0.00033 J	ND	10
10/12/23	1076	6.5	-398	918	6.6	-391	997		ND					7.0
10/13/23	1065	6.6	-393	923	6.6	-404	1007		ND					6.0
10/14/23	1077	6.5	-398	926	6.6	-401	1008	ND D	ND					10
10/15/23	972	6.5	-320	897	6.6	-372	967		ND					12
10/16/23	955	6.5	-367	939	6.4	-374	976		ND					10
10/17/23	1018	6.7	-394	902	6.8	-370	917		ND					6.0
10/18/23	1031	6.5	-359	945	6.7	-367	1009		ND		0.0046 J	0.00016 J	ND	7.0
10/19/23	1029	6.6	-311	934	6.7	-352	1013		ND					5.0
10/20/23	1018	6.5	-323	913	6.8	-368	997		ND					5.0
10/21/23	1019	6.6	-282	887	6.7	-369	998	ND D	ND					18
10/22/23	1028	6.6	-319	836	6.8	-370	1001		ND					16
10/23/23	1028	6.6	-320	883	6.8	-392	997		ND					7.0
10/24/23	1073	6.7	-343	828	7.0	-399	946		ND					8.0
10/25/23	1099	6.7	-337	943	6.9	-398	1005		ND		0.0042 J	ND	ND	8.0
10/26/23	900	6.8	-390	794	7.0	-401	609		ND					18
10/27/23	990	6.4	-321	902	6.8	-397	954		ND					10
10/28/23	904	5.9	-330	1022	6.8	-403	914	ND D	ND					20
10/29/23	1014	5.3	-285	1005	6.9	-409	888		ND					20
10/30/23	985	6.0	-266	882	6.8	-435	925		ND					20
10/31/23	813	5.5	-348	767	6.6	-439	211		ND					12
Monthly Average <sup>2</sup>	1001	6.5	-339	896	6.7	-383	931	0.0043	ND	0.019	0.012	0.00022	ND	10

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.  
 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>2</sub>-N = 0.055 mg/L; Cr(VI) = 0.25 ug/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.  
 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 <sup>1</sup>		
Date	Field Measurement (ft)	Volume (MG)
10/15/23	25.4	42.6
10/31/23	25.1	43.1

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>2</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
10/15/23	389.2	487	173	168
10/24/23	189	458	1,818	163

GW-11 Composite Sample <sup>3</sup>		
Analytes	Concentration	Units
Perchlorate	2.8	mg/L
Chlorate	0.29 J	mg/L
Ammonia as N	0.063	mg/L
Total Phosphorus	0.24	mg/L
Total Dissolved Solids (TDS)	14,000	mg/L
Total Suspended Solids (TSS)	29	mg/L
pH	8.5 HF	s.u.
Calcium	650	mg/L
Iron	0.35	mg/L
Chromium (total)	ND	mg/L
Chromium VI	ND	mg/L
Chloride	5,100	mg/L
Nitrate as N	ND	mg/L
Sulfate	4,400	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 (NO<sub>3</sub>-N= 0.055 mg/L).

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: August 17, 2023



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 2022	897	49	10	110	397	410
Dec 2022	897	51	10	120	413	407
Jan 2023	889	49	9	95	359	400
Feb 2023	900	50	9.0	110	386	393
Mar 2023	913	54	9.0	150	474	406
Apr 2023	917	51	8.9	130	432	410
May 2023	911	57	4.8	110	364	405
June 2023	946	57	8.9	100	400	403
July 2023	946	53	6.6	150	466	420
Aug 2023	938	48	9.5	97	378	419
Sep 2023	980	51	9.7	80	370	402
Oct 2023	1,004	44	8.7	99	393	395

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 (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (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)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
10/01/23	2.2	1711.93	0.89	1710.76	0.75	1717.30	0.58	1717.51	1.0	1717.42	1.3	1716.65	0.89	1718.31	0.42	1710.12
10/02/23	2.1	1712.04	0.88	1710.34	0.65	1713.77	0.64	1717.20	1.0	1717.29	1.2	1716.47	0.93	1718.00	0.42	1709.90
10/03/23	2.1	1711.82	0.88	1709.55	0.66	1714.51	0.62	1716.99	1.0	1717.52	1.2	1716.35	0.92	1718.04	0.42	1709.76
10/04/23	2.1	1711.58	0.71	1709.07	0.68	1717.40	0.62	1717.20	1.0	1717.61	1.3	1716.32	0.95	1718.15	0.41	1709.72
10/05/23	2.1	1711.70	0.64	1712.00	0.75	1714.07	0.59	1718.99	1.0	1717.82	1.3	1717.02	1.1	1717.52	0.40	1709.69
10/06/23	2.1	1712.27	0.58	1711.36	0.66	1713.86	0.65	1717.17	1.2	1716.76	1.3	1716.88	1.1	1717.15	0.40	1709.81
10/07/23	2.1	1711.79	0.71	1711.82	0.75	1714.37	0.63	1717.00	1.3	1717.10	1.3	1716.85	1.1	1717.26	0.39	1709.85
10/08/23	2.1	1712.43	0.69	1710.66	0.81	1714.98	0.62	1717.32	1.1	1716.27	1.3	1716.80	1.1	1717.11	0.40	1710.50
10/09/23	2.1	1712.53	0.65	1710.46	0.86	1715.12	0.61	1717.32	1.2	1716.52	1.3	1716.55	1.1	1716.91	0.40	1711.01
10/10/23	2.2	1713.11	0.66	1710.36	0.70	1714.50	0.58	1716.85	1.1	1716.50	1.1	1716.78	1.1	1717.14	0.35	1710.27
10/11/23	2.1	1713.03	0.79	1710.42	0.95	1714.59	0.61	1717.00	1.3	1716.67	1.4	1716.72	0.98	1716.96	0.46	1710.38
10/12/23	2.0	1712.70	0.78	1710.26	0.86	1714.39	0.60	1717.22	1.2	1715.75	1.3	1716.25	0.99	1717.11	0.40	1710.32
10/13/23	2.1	1713.28	0.74	1709.78	0.74	1715.07	0.49	1719.17	1.2	1715.54	1.2	1715.86	1.0	1717.93	0.41	1711.00
10/14/23	2.0	1712.18	0.72	1709.86	0.82	1712.54	0.80	1715.17	1.2	1715.41	1.2	1715.83	1.0	1717.83	0.39	1711.12
10/15/23	2.1	1711.35	0.71	1709.88	0.64	1710.09	0.77	1714.24	1.1	1715.62	1.2	1716.48	1.0	1717.81	0.44	1710.17
10/16/23	2.1	1710.69	0.71	1709.65	0.70	1709.99	0.77	1714.02	1.2	1715.44	1.2	1716.22	0.99	1717.29	0.44	1711.02
10/17/23	2.1	1710.51	0.71	1709.81	0.70	1710.16	0.71	1713.98	1.2	1715.25	1.3	1715.97	0.98	1717.06	0.45	1710.70
10/18/23	2.0	1709.98	0.60	1709.69	0.71	1710.11	0.77	1713.74	1.1	1715.12	1.1	1716.05	1.0	1716.60	0.36	1710.80
10/19/23	2.1	1709.36	0.53	1709.58	0.70	1709.14	0.73	1713.29	1.1	1714.94	1.2	1715.80	1.0	1716.36	0.41	1710.73
10/20/23	2.1	1712.15	0.72	1709.85	0.70	1710.24	0.72	1715.15	1.1	1715.46	1.2	1716.28	0.97	1715.46	0.38	1710.96
10/21/23	2.1	1712.26	0.64	1709.91	0.70	1710.01	0.73	1715.02	1.1	1715.34	1.2	1716.07	1.0	1715.53	0.38	1710.74
10/22/23	2.1	1711.40	0.49	1709.75	0.71	1710.18	0.73	1714.99	1.1	1715.37	1.3	1716.15	1.0	1717.10	0.38	1710.77
10/23/23	2.1	1711.31	0.69	1709.51	0.72	1709.82	0.71	1714.94	1.1	1715.17	1.1	1716.50	0.96	1716.99	0.38	1711.01
10/24/23	2.0	1711.07	0.70	1708.57	0.73	1709.91	0.73	1714.85	1.2	1715.23	1.2	1716.32	1.0	1716.33	0.40	1710.94
10/25/23	2.1	1711.02	0.67	1709.09	0.73	1710.36	0.71	1714.72	1.1	1715.21	1.1	1716.99	0.98	1715.95	0.39	1710.71
10/26/23	2.0	1711.04	0.69	1709.23	0.71	1710.34	0.67	1714.69	1.1	1715.11	1.1	1716.85	0.96	1716.11	0.39	1710.79
10/27/23	2.1	1711.07	0.73	1709.34	0.75	1710.31	0.72	1714.75	1.2	1715.06	1.2	1716.89	1.0	1716.18	0.43	1710.74
10/28/23	2.0	1711.21	0.71	1709.65	0.72	1710.05	0.68	1714.86	1.1	1715.22	1.2	1716.66	0.97	1716.03	0.44	1710.67
10/29/23	2.0	1713.10	0.25	1711.04	0.73	1710.40	0.67	1716.12	1.1	1715.41	1.2	1715.69	0.93	1717.00	0.44	1711.12
10/30/23	2.2	1712.32	0.66	1710.91	0.93	1711.52	0.65	1716.32	1.2	1715.48	1.3	1716.94	0.99	1717.91	0.51	1710.86
10/31/23	2.2	1712.16	0.68	1710.87	0.69	1711.00	0.63	1715.38	1.1	1715.27	1.2	1716.72	0.91	1717.70	0.48	1710.72
Monthly Average	2.1	1711.76	0.68	1710.10	0.74	1712.26	0.67	1715.91	1.1	1715.93	1.2	1716.45	0.99	1717.06	0.41	1710.54
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 (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	460	10/5/2023	820	10/5/2023	290	10/5/2023	70	10/5/2023	350	10/5/2023	870	10/5/2023	850	10/5/2023	1100	10/5/2023
Hexavalent Chromium	0.10	10/5/2023	0.66	10/5/2023	0.72	10/5/2023	0.026	10/5/2023	0.027	10/5/2023	0.11	10/5/2023	0.085	10/5/2023	0.27	10/5/2023
Total Chromium	0.086	10/5/2023	0.59	10/5/2023	0.65	10/5/2023	0.022	10/5/2023	0.021	10/5/2023	0.097	10/5/2023	0.073	10/5/2023	0.24	10/5/2023

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 10/05 for well E1-2; average of both values is presented and used for calculations.  
 3: on 10/14, E1-3 Flow meter faulted; Averaged values are presented for these dates.  
 4: On 10/01 and 10/02, E2-1 Flow meter faulted; Averaged values are presented for these dates.

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

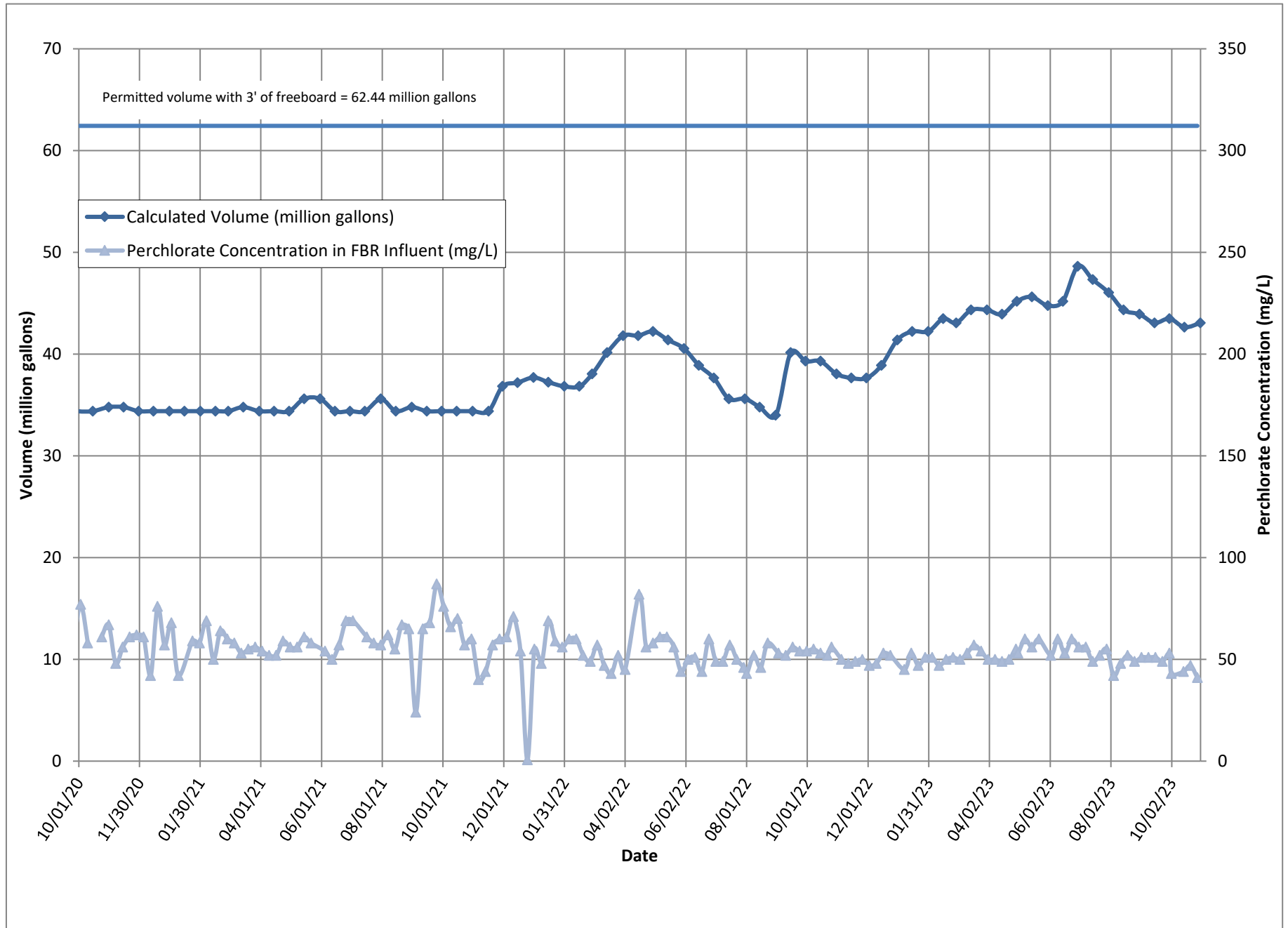


Figure 2 - FBR Equivalent Loading Calculation

