

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)
11/01/24	523	159	1539.54	67	1520.30	127	1545.62	107	1534.11	62	1547.24	115	1548.20	48	1550.04	20	1551.14	8.9	1520.82
11/02/24	523	159	1539.53	67	1520.30	127	1545.63	107	1534.11	62	1547.25	115	1548.21	48	1550.05	20	1551.15	8.9	1520.56
11/03/24	522	159	1539.52	67	1520.30	127	1545.63	107	1534.10	62	1547.24	115	1548.21	48	1550.04	20	1551.14	8.9	1520.12
11/04/24	522	159	1539.51	67	1520.30	127	1545.62	107	1534.09	62	1547.23	115	1548.19	48	1550.03	20	1551.13	8.9	1520.32
11/05/24	522	159	1539.54	67	1520.30	127	1545.65	107	1534.11	62	1547.25	115	1548.23	48	1550.06	20	1551.16	8.9	1520.26
11/06/24	522	159	1539.55	67	1520.30	127	1545.66	107	1534.11	62	1547.26	115	1548.24	48	1550.07	20	1551.17	8.9	1520.24
11/07/24	522	159	1539.57	67	1520.30	127	1545.68	107	1534.12	62	1547.27	115	1548.26	48	1550.09	20	1551.19	8.9	1520.77
11/08/24	522	159	1539.59	67	1520.29	127	1545.71	107	1534.14	62	1547.29	115	1548.28	48	1550.12	20	1551.22	8.9	1520.70
11/09/24	522	159	1539.60	67	1520.29	127	1545.73	107	1534.15	62	1547.30	115	1548.30	48	1550.14	20	1551.24	8.9	1520.50
11/10/24	522	159	1539.60	67	1520.29	127	1545.74	107	1534.16	62	1547.31	115	1548.31	48	1550.15	20	1551.25	8.9	1520.50
11/11/24	523	159	1539.68	67	1520.30	127	1545.77	107	1534.23	62	1547.35	115	1548.36	49	1550.19	20	1551.29	8.9	1520.60
11/12/24	516	155	1539.92	66	1520.82	127	1545.79	107	1534.34	62	1547.34	115	1548.35	47	1550.20	19	1551.30	8.9	1520.43
11/13/24	523	160	1539.73	67	1520.30	127	1545.77	107	1534.31	62	1547.33	115	1548.34	48	1550.17	20	1551.27	8.9	1520.51
11/14/24	523	160	1539.72	67	1520.30	127	1545.78	107	1534.30	62	1547.34	115	1548.35	48	1550.19	20	1551.28	8.9	1520.40
11/15/24	523	160	1539.70	67	1520.31	127	1545.80	107	1534.30	62	1547.36	115	1548.38	48	1550.21	20	1551.30	8.9	1520.18
11/16/24	522	160	1539.70	67	1520.30	127	1545.82	107	1534.30	62	1547.37	115	1548.40	48	1550.23	20	1551.33	8.9	1520.33
11/17/24	523	160	1539.73	67	1520.31	127	1545.86	107	1534.33	62	1547.40	115	1548.44	48	1550.28	20	1551.38	8.9	1520.46
11/18/24	523	160	1539.77	67	1520.31	127	1545.91	107	1534.36	62	1547.45	115	1548.50	48	1550.34	20	1551.44	8.9	1520.61
11/19/24	523	160	1539.81	67	1520.31	127	1545.95	107	1534.39	62	1547.48	115	1548.54	48	1550.38	20	1551.48	9.0	1520.78
11/20/24	523	160	1539.87	67	1520.30	127	1546.01	107	1534.43	62	1547.53	115	1548.60	48	1550.44	20	1551.54	9.4	1527.55
11/21/24	523	160	1539.93	67	1520.31	127	1546.07	107	1534.48	62	1547.58	116	1548.67	48	1550.51	20	1551.61	10.0	1530.30
11/22/24	523	160	1539.98	67	1520.31	127	1546.14	107	1534.53	62	1547.64	116	1548.74	49	1550.59	20	1551.69	10.0	1530.03
11/23/24	523	160	1540.03	67	1520.31	128	1546.21	107	1534.59	62	1547.70	116	1548.82	49	1550.66	20	1551.76	9.9	1529.89
11/24/24	523	160	1540.06	67	1520.31	128	1546.25	107	1534.62	62	1547.73	116	1548.86	49	1550.70	20	1551.80	9.9	1529.64
11/25/24	523	160	1540.10	67	1520.31	128	1546.29	107	1534.66	62	1547.77	116	1548.90	49	1550.74	20	1551.84	9.9	1529.51
11/26/24 ²	507	155	1540.51	65	1521.26	124	1546.54	103	1535.23	60	1547.96	112	1549.06	47	1550.88	19	1551.95	9.6	1530.41
11/27/24	524	160	1540.29	68	1520.32	128	1546.39	107	1534.83	62	1547.84	116	1548.99	49	1550.82	20	1551.92	9.9	1529.64
11/28/24	524	160	1540.28	68	1520.32	128	1546.40	107	1534.83	62	1547.85	116	1549.00	49	1550.83	20	1551.93	9.9	1529.51
11/29/24	524	160	1540.28	68	1520.33	128	1546.41	107	1534.83	62	1547.86	116	1549.01	49	1550.85	20	1551.95	9.9	1529.44
11/30/24	524	160	1540.29	68	1520.34	128	1546.43	107	1534.84	62	1547.88	116	1549.04	49	1550.87	20	1551.98	9.9	1529.36
Monthly Average	522	159	1539.83	67	1520.36	127	1545.94	107	1534.40	62	1547.48	115	1548.53	48	1550.36	20	1551.46	9.3	1523.81
Analytical ¹		Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate		14	11/15/2024	14	11/15/2024	8.5	11/15/2024	7.6	11/15/2024	3.5	11/15/2024	0.605	11/15/2024	0.044	11/15/2024	0.027	11/15/2024	1.1	11/15/2024
Hexavalent Chromium		0.0065	11/15/2024	0.0008	11/15/2024	ND	11/15/2024	0.0086	11/20/2024	ND	11/20/2024	ND	11/20/2024	ND	11/20/2024	ND	11/20/2024	ND	11/20/2024
Total Chromium		ND	11/15/2024	ND	11/15/2024	ND	11/15/2024	0.0042	11/15/2024	ND	11/15/2024	ND	11/15/2024	ND	11/15/2024	ND	11/15/2024	ND	11/15/2024

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 11/26, SWF wells offline due to maintenance.
 3: Duplicates taken on 11/15 for perchlorate and total chromium and 11/20 for hexavalent chromium of well PC-119; 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 ² (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{3,4} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁷ (gpm)	Water Elevation (ft amsl)
11/01/24	381	42	1587.25	131	1587.06	27	1586.03	4.0	1582.26	54	1576.98	29	1581.87	133	1580.20	2.7	1579.92
11/02/24	381	42	1587.26	130	1587.07	27	1586.04	4.0	1582.30	55	1577.04	28	1581.72	133	1580.22	2.7	1579.91
11/03/24	380	42	1587.25	131	1587.06	27	1586.03	4.0	1582.29	54	1577.00	29	1581.79	133	1580.21	2.7	1579.90
11/04/24	381	42	1587.23	132	1587.04	27	1586.01	4.0	1581.80	54	1576.99	29	1582.06	133	1580.19	2.7	1579.89
11/05/24	381	42	1587.26	130	1587.07	27	1586.03	4.0	1581.12	54	1576.99	29	1581.95	133	1580.21	2.7	1579.88
11/06/24	381	42	1587.24	130	1587.05	27	1586.02	3.5	1581.74	54	1576.99	29	1582.18	133	1580.20	2.7	1579.88
11/07/24	358	42	1587.47	99	1585.71	26	1586.14	3.5	1581.75	54	1576.98	29	1582.30	133	1580.38	2.7	1579.89
11/08/24	381	42	1587.34	130	1589.13	27	1586.09	3.3	1581.51	54	1576.99	29	1582.25	133	1580.28	2.7	1579.90
11/09/24	381	42	1587.31	130	1589.10	27	1586.07	3.4	1581.65	54	1576.99	29	1582.20	133	1580.26	2.7	1579.89
11/10/24	381	42	1587.29	130	1589.08	27	1586.06	4.0	1582.30	54	1576.97	29	1582.24	133	1580.24	2.7	1579.89
11/11/24	381	42	1587.30	130	1589.09	27	1586.07	3.7	1582.02	54	1576.99	29	1582.13	133	1580.25	2.7	1579.88
11/12/24	380	42	1587.27	131	1589.06	27	1586.05	4.0	1582.25	54	1576.98	29	1582.29	132	1580.23	2.7	1579.88
11/13/24	381	42	1587.25	130	1589.04	27	1586.04	4.0	1584.01	54	1576.90	29	1582.44	133	1580.22	2.7	1579.89
11/14/24	384	42	1587.26	130	1589.05	27	1586.06	4.0	1583.73	54	1576.82	29	1582.26	133	1580.23	2.7	1579.84
11/15/24	381	42	1587.26	129	1589.05	27	1586.05	4.0	1582.42	54	1576.85	29	1582.04	133	1580.23	2.7	1579.89
11/16/24	380	42	1587.23	129	1589.02	27	1586.03	4.0	1582.39	54	1576.85	29	1582.19	133	1580.21	2.7	1579.88
11/17/24	380	42	1587.24	130	1589.03	27	1586.04	4.0	1582.40	54	1576.85	29	1582.25	132	1580.22	2.7	1579.88
11/18/24	367	42	1587.40	129	1589.23	26	1586.20	4.0	1582.47	54	1576.86	29	1582.23	119	1580.46	2.7	1579.89
11/19/24	394	42	1587.21	128	1588.98	27	1585.99	4.0	1582.43	54	1576.92	29	1582.61	148	1580.01	2.7	1579.89
11/20/24	394	42	1587.13	128	1588.90	26	1585.92	4.0	1583.83	54	1576.94	28	1582.78	148	1579.93	2.7	1579.89
11/21/24	394	42	1587.10	128	1588.87	26	1585.89	4.0	1586.20	54	1576.96	28	1582.84	148	1579.91	2.7	1579.88
11/22/24	394	42	1587.10	128	1588.87	26	1585.89	4.0	1586.21	55	1576.93	28	1582.77	148	1579.91	2.7	1579.89
11/23/24	394	42	1587.12	129	1588.88	26	1585.89	4.0	1586.19	55	1576.94	28	1582.60	148	1579.91	2.7	1579.88
11/24/24	394	42	1587.10	131	1588.86	26	1585.88	4.0	1586.17	55	1576.92	29	1582.79	148	1579.90	2.7	1579.87
11/25/24	394	42	1587.09	128	1588.85	26	1585.87	4.0	1586.13	55	1576.91	29	1583.07	148	1579.89	2.7	1579.86
11/26/24	394	42	1587.12	130	1588.89	26	1585.89	4.0	1585.91	55	1576.90	29	1582.95	148	1579.92	2.7	1579.86
11/27/24	394	42	1587.10	129	1588.86	26	1585.87	4.0	1586.09	55	1576.87	29	1583.13	148	1579.90	2.7	1579.86
11/28/24	394	42	1587.09	128	1588.85	26	1585.86	4.0	1586.11	55	1576.86	29	1583.31	148	1579.89	2.7	1579.86
11/29/24	394	42	1587.09	128	1588.85	26	1585.86	4.0	1586.142	56	1576.44	28	1583.36	148	1579.89	2.7	1579.86
11/30/24	395	42	1587.09	128	1588.85	26	1585.87	4.0	1586.172	56	1576.01	28	1583.41	148	1579.89	2.7	1579.87
Monthly Average	384.9	42.0	1587.2	128.4	1588.5	26.6	1586.0	3.91	1583.6	54.5	1576.9	28.6	1582.5	138.5	1580.1	2.70	1579.9
Analytical ¹		Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate		22	11/15/2024	6.0	11/15/2024	120	11/15/2024	87	11/15/2024	120	11/15/2024	55	11/15/2024	45	11/20/2024	44	11/15/2024
Hexavalent Chromium		ND	11/20/2024	0.003	11/20/2024	0.227	11/20/2024	0.135	11/20/2024	0.565	11/20/2024	0.372	11/20/2024	0.048	11/20/2024	0.072	11/20/2024
Total Chromium		ND	11/15/2024	ND	11/15/2024	0.22	11/15/2024	0.15	11/15/2024	0.56	11/15/2024	0.37	11/15/2024	0.049	11/20/2024	0.063	11/15/2024

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 11/07, ART-2 offline due to maintenance.
 3: On 11/04, ART-4 flow meter offline; Averaged flows are presented during for this date
 4: On 11/20, ART-4 switched to ART-4a.
 5: Duplicates taken on 11/15 for perchlorate and total chromium and on 11/20 for hexavalent chromium of well ART-9; average of both values are presented and used for calculations
 6: On 11/18, ART-8a offline briefly due to maintenance.
 7: Conducted periodic bucket test to confirm flow rates for PC-150. Average flow determined from flow tests was 2.7 gpm. 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 ² (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ³ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁴ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
11/01/24	0.25	1714.88	0.82	1707.64	0.0	1718.84	0.0	1740.00	0.49	1721.65	0.48	1709.52	1.8	1714.96	1.1	1705.69	1.1	1708.69	2.0	1709.22
11/02/24	0.25	1714.88	0.82	1707.65	0.0	1718.86	0.0	1740.00	0.49	1721.62	0.48	1709.52	1.8	1715.11	1.1	1705.69	1.1	1708.69	2.0	1709.23
11/03/24	0.25	1714.88	0.82	1707.65	0.0	1718.86	0.0	1740.00	0.50	1721.58	0.48	1709.52	1.8	1715.30	1.1	1705.69	1.1	1708.69	2.0	1709.23
11/04/24	0.25	1714.87	0.82	1707.65	0.0	1718.87	0.0	1740.00	0.50	1721.52	0.48	1709.52	2.2	1712.06	1.1	1705.69	1.1	1708.72	2.0	1709.22
11/05/24	0.25	1714.87	0.82	1707.65	0.0	1718.86	0.0	1740.00	0.51	1721.49	0.48	1709.52	2.5	1708.40	1.1	1705.69	1.1	1708.71	2.0	1709.24
11/06/24	0.25	1714.86	0.82	1707.70	0.0	1718.52	0.0	1740.00	0.51	1721.49	0.47	1709.52	2.5	1708.40	1.1	1705.69	1.1	1708.71	2.0	1709.22
11/07/24	0.25	1714.86	0.82	1707.72	0.0	1718.83	0.0	1740.00	0.51	1721.46	0.47	1709.52	2.5	1708.40	1.1	1705.69	1.1	1708.71	2.0	1709.22
11/08/24	0.25	1714.86	0.82	1707.72	0.0	1718.82	0.0	1740.00	0.51	1721.45	0.47	1709.52	2.5	1708.40	1.1	1705.69	1.1	1708.72	2.0	1709.22
11/09/24	0.25	1714.86	0.82	1707.82	0.0	1718.81	0.0	1740.00	0.51	1721.46	0.46	1709.52	2.5	1708.40	1.1	1705.69	1.1	1708.73	2.0	1709.23
11/10/24	0.25	1714.87	0.81	1707.85	0.0	1718.80	0.0	1740.00	0.52	1721.37	0.46	1709.52	2.5	1708.41	1.1	1705.68	1.1	1708.73	2.0	1709.20
11/11/24	0.25	1714.87	0.81	1707.95	0.0	1718.80	0.0	1740.00	0.52	1721.38	0.46	1709.52	2.5	1708.41	1.1	1705.68	1.1	1708.71	2.1	1708.90
11/12/24	0.25	1714.87	0.81	1707.96	0.0	1718.79	0.0	1740.00	0.52	1721.36	0.46	1709.60	2.5	1708.41	1.1	1705.68	1.1	1708.70	2.2	1709.04
11/13/24	0.25	1714.87	0.80	1708.17	0.0	1718.79	0.10	1740.00	0.52	1721.36	0.46	1709.71	2.5	1708.42	1.1	1705.67	1.1	1708.69	2.1	1709.27
11/14/24	0.25	1714.87	0.80	1708.07	0.0	1718.79	0.10	1740.00	0.52	1721.34	0.46	1709.66	2.5	1708.43	1.1	1705.67	1.1	1708.68	2.1	1709.29
11/15/24	0.23	1714.88	0.80	1708.08	0.0	1718.79	0.10	1740.00	0.53	1721.33	0.46	1709.67	2.5	1708.43	1.1	1705.67	1.1	1708.69	2.1	1709.31
11/16/24	0.23	1714.89	0.80	1708.05	0.0	1718.78	0.10	1740.00	0.53	1721.31	0.46	1709.69	2.5	1708.42	1.1	1705.67	1.1	1708.68	2.1	1709.29
11/17/24	0.23	1714.89	0.80	1708.09	0.0	1718.78	0.10	1740.00	0.53	1721.29	0.46	1709.69	2.4	1708.42	1.1	1705.68	1.1	1708.68	2.1	1709.27
11/18/24	0.23	1714.89	0.80	1708.05	0.0	1718.79	0.10	1740.00	0.52	1721.30	0.46	1709.70	2.4	1708.42	1.1	1705.68	1.1	1708.69	2.1	1709.26
11/19/24	0.23	1714.89	0.81	1707.84	0.0	1718.77	0.10	1740.00	0.52	1721.28	0.46	1709.69	2.4	1708.42	1.1	1705.68	1.1	1708.69	2.1	1709.25
11/20/24	0.23	1714.90	0.81	1707.80	0.0	1718.73	0.09	1740.00	0.53	1721.21	0.45	1709.73	2.4	1708.48	1.1	1705.70	1.1	1708.73	2.1	1709.26
11/21/24	0.23	1714.90	0.81	1707.71	0.0	1718.78	0.0	1740.00	0.50	1721.38	0.45	1710.00	2.5	1708.40	1.1	1705.65	1.1	1708.72	2.2	1709.24
11/22/24	0.23	1714.89	0.81	1707.76	0.0	1718.80	0.0	1740.00	0.50	1721.44	0.46	1709.86	2.5	1708.52	1.1	1705.70	1.1	1708.80	2.2	1709.30
11/23/24	0.23	1714.89	0.81	1707.85	0.0	1718.82	0.0	1740.00	0.46	1721.70	0.47	1709.69	2.5	1708.70	1.1	1705.79	1.1	1708.96	2.3	1709.38
11/24/24	0.23	1714.88	0.81	1707.77	0.0	1718.83	0.0	1740.00	0.39	1722.13	0.47	1709.73	2.5	1708.58	1.1	1705.73	1.1	1708.91	2.4	1709.25
11/25/24	0.25	1714.87	0.82	1707.65	0.0	1718.86	0.0	1740.00	0.38	1722.20	0.48	1709.71	2.5	1708.40	1.1	1705.66	1.1	1708.78	2.5	1709.11
11/26/24	0.25	1714.88	0.82	1707.70	0.0	1718.90	0.0	1740.00	0.36	1722.32	0.48	1709.76	2.5	1708.47	1.1	1705.70	1.1	1708.80	2.6	1709.17
11/27/24	0.25	1714.87	0.82	1707.71	0.0	1718.90	0.0	1740.00	0.35	1722.38	0.48	1709.88	2.6	1708.41	1.1	1705.69	1.1	1708.76	2.6	1709.11
11/28/24	0.25	1714.87	0.82	1707.72	0.0	1718.88	0.0	1740.00	0.35	1722.37	0.48	1709.86	2.5	1708.40	1.1	1705.68	1.1	1708.75	2.3	1709.15
11/29/24	0.25	1714.87	0.82	1707.72	0.0	1718.87	0.10	1740.00	0.56	1721.05	0.47	1709.86	2.5	1708.40	1.1	1705.68	1.1	1708.74	2.2	1709.20
11/30/24	0.25	1714.88	0.80	1708.24	0.0	1718.87	0.0	1740.00	0.46	1721.59	0.46	1709.94	2.4	1709.21	1.1	1706.01	1.1	1709.27	2.3	1709.77
Monthly Average	0.24	1714.88	0.81	1707.83	0.0	1718.81	0.0	1740.00	0.49	1721.56	0.47	1709.67	2.4	1709.25	1.1	1705.70	1.1	1708.75	2.2	1709.24
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	320	11/6/2024	19	11/6/2024	33	11/6/2024	140	11/13/2024	150	11/13/2024	250	11/6/2024	370	11/8/2024	360	11/8/2024	330	11/8/2024	480	11/8/2024
Hexavalent Chromium	0.89	11/6/2024	0.045	11/6/2024	ND	11/6/2024	1.7	11/13/2024	1.7	11/13/2024	0.29	11/6/2024	2.4	11/8/2024	3.9	11/8/2024	5.2	11/8/2024	10	11/8/2024
Total Chromium	1.0	11/6/2024	0.054	11/6/2024	0.024	11/6/2024	2.4	11/13/2024	1.6	11/13/2024	0.31	11/6/2024	2.3	11/8/2024	3.8	11/8/2024	6.4	11/8/2024	11	11/8/2024

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
 - 1: Analytical results are reported from Eurofins TestAmerica.
 - 2: On 11/06, 11/15, and 11/25, I-AR water level measured manually due to water level dropping below transducer level.
 - 3: On 11/06, I-AB online for sampling.
 - 4: On 11/29, I-AD and I-R adjusted to meet flow targets as described by the Trust.
 - 5: On 11/06, I-C, I-M, and I-S adjusted to meet flow targets as described by the Trust.
 - 6: On 11/27, I-L, I-M, I-S, I-W, and I-X adjusted to meet flow targets as described by the Trust.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	I-G		I-H		I-I		I-J		I-K		I-L		I-M		I-N		I-O		I-P	
	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ^{5,6} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
11/01/24	0.19	1711.40	0.54	1709.26	3.5	1720.58	5.2	1711.19	2.8	1708.47	0.83	1716.21	1.6	1714.50	1.4	1717.32	0.72	1719.51	1.6	1709.80
11/02/24	0.19	1711.40	0.54	1709.25	3.5	1720.58	5.2	1711.19	2.8	1708.48	0.83	1716.31	1.6	1714.72	1.4	1717.36	0.72	1719.51	1.6	1709.81
11/03/24	0.19	1711.40	0.53	1709.31	3.5	1720.57	5.2	1711.19	2.8	1708.50	0.83	1716.51	1.5	1714.90	1.4	1717.39	0.72	1719.48	1.6	1709.80
11/04/24	0.19	1711.40	0.53	1709.29	3.5	1720.55	5.2	1711.19	2.8	1708.51	0.84	1716.66	1.7	1714.42	1.4	1717.46	0.72	1719.45	1.6	1709.78
11/05/24	0.19	1711.40	0.53	1709.25	3.5	1720.54	5.2	1711.19	2.8	1708.48	0.84	1716.35	1.9	1713.82	1.3	1717.52	0.72	1719.44	1.6	1709.78
11/06/24	0.19	1711.39	0.53	1709.30	3.5	1720.53	5.2	1711.19	2.8	1708.43	0.84	1716.07	1.8	1713.98	1.3	1717.53	0.72	1719.40	1.6	1709.77
11/07/24	0.19	1711.39	0.53	1709.28	3.5	1720.52	5.2	1711.18	2.8	1708.43	0.83	1715.98	1.7	1714.13	1.3	1717.48	0.72	1719.37	1.6	1709.75
11/08/24	0.19	1711.39	0.53	1709.26	3.5	1720.52	5.2	1711.18	2.8	1708.41	0.84	1715.82	1.6	1714.56	1.3	1717.49	0.71	1719.37	1.6	1709.76
11/09/24	0.19	1711.39	0.53	1709.28	3.5	1720.52	5.2	1711.18	2.8	1708.43	0.84	1715.78	1.5	1714.91	1.3	1717.89	0.71	1719.38	1.6	1709.76
11/10/24	0.19	1711.39	0.52	1709.29	3.5	1720.51	5.2	1711.19	2.8	1708.43	0.84	1715.73	1.5	1714.87	1.2	1717.96	0.71	1719.36	1.6	1709.75
11/11/24	0.19	1711.40	0.52	1709.25	3.5	1720.52	5.2	1711.19	2.8	1708.43	0.84	1715.77	2.0	1713.50	1.2	1718.13	0.73	1719.34	1.6	1709.75
11/12/24	0.19	1711.40	0.52	1709.32	3.5	1720.50	5.2	1711.19	2.8	1708.44	0.84	1715.72	1.9	1713.73	1.3	1717.89	0.73	1719.31	1.6	1709.74
11/13/24	0.19	1711.39	0.52	1709.27	3.5	1720.49	5.2	1711.19	2.8	1708.43	0.80	1715.99	1.8	1713.91	1.5	1717.18	0.73	1719.29	1.6	1709.72
11/14/24	0.19	1711.39	0.52	1709.24	3.5	1720.50	5.2	1711.18	2.8	1708.39	0.78	1716.20	1.7	1714.11	1.5	1717.16	0.73	1719.31	1.6	1709.73
11/15/24	0.19	1711.39	0.52	1709.28	3.5	1720.51	5.2	1711.19	2.8	1708.39	0.78	1716.20	1.7	1714.26	1.4	1717.17	0.73	1719.33	1.6	1709.73
11/16/24	0.19	1711.39	0.52	1709.29	3.5	1720.50	5.2	1711.18	2.8	1708.40	0.75	1716.51	1.8	1713.90	1.4	1717.20	0.74	1719.26	1.6	1709.74
11/17/24	0.19	1711.39	0.52	1709.27	3.5	1720.49	5.1	1711.19	2.8	1708.33	0.78	1716.26	1.8	1713.97	1.4	1717.23	0.73	1719.23	1.6	1709.74
11/18/24	0.19	1711.39	0.52	1709.27	3.5	1720.48	5.1	1711.18	2.8	1708.28	0.81	1715.96	1.7	1714.16	1.4	1717.27	0.74	1719.22	1.6	1709.74
11/19/24	0.19	1711.39	0.52	1709.32	3.5	1720.41	5.1	1711.18	2.8	1708.31	0.85	1715.52	1.6	1714.26	1.4	1717.32	0.74	1719.09	1.6	1709.72
11/20/24	0.19	1711.40	0.51	1709.31	3.5	1720.25	5.1	1711.26	2.8	1708.39	0.85	1715.57	1.6	1714.41	1.4	1717.39	0.72	1719.11	1.6	1709.77
11/21/24	0.19	1711.39	0.52	1709.27	3.4	1720.31	5.2	1711.18	2.8	1708.31	0.82	1715.96	1.3	1715.37	1.4	1717.63	0.73	1719.18	1.6	1709.79
11/22/24	0.19	1711.40	0.52	1709.28	3.4	1720.41	5.1	1711.35	2.8	1708.42	0.78	1716.42	1.2	1715.69	1.3	1717.88	0.71	1719.27	1.6	1709.94
11/23/24	0.19	1711.43	0.52	1709.32	3.0	1721.03	5.1	1711.62	2.7	1708.73	0.68	1717.47	0.90	1716.34	1.1	1718.58	0.65	1719.55	1.6	1710.20
11/24/24	0.19	1711.41	0.52	1709.38	3.3	1736.12	5.1	1711.45	2.8	1708.71	0.66	1717.82	0.79	1716.67	1.0	1718.90	0.66	1719.58	1.6	1710.18
11/25/24	0.19	1711.39	0.52	1709.28	3.5	1740.00	5.2	1711.19	2.8	1708.56	0.71	1717.69	0.76	1716.80	1.0	1718.99	0.67	1719.50	1.6	1710.15
11/26/24	0.19	1711.40	0.52	1709.26	3.5	1729.74	5.1	1711.27	2.8	1708.64	0.69	1717.97	0.71	1716.96	1.0	1719.13	0.66	1719.53	1.6	1710.15
11/27/24	0.19	1711.39	0.52	1709.32	3.5	1720.33	5.1	1711.19	2.8	1708.59	0.70	1717.87	1.6	1714.94	1.4	1718.48	0.67	1719.44	1.6	1710.13
11/28/24	0.19	1711.39	0.51	1709.27	3.5	1720.37	5.1	1711.18	2.8	1708.59	0.70	1717.67	1.7	1714.67	1.4	1718.08	0.68	1719.35	1.6	1710.11
11/29/24	0.19	1711.39	0.51	1709.27	3.5	1731.51	5.1	1711.18	2.8	1708.58	0.69	1717.63	1.8	1714.38	1.4	1717.95	0.68	1719.33	1.6	1710.14
11/30/24	0.19	1711.48	0.51	1709.51	3.2	1739.03	4.9	1712.24	2.6	1709.27	0.60	1718.45	1.2	1715.68	1.1	1718.78	0.64	1719.46	1.6	1710.56
Monthly Average	0.19	1711.40	0.52	1709.29	3.5	1722.96	5.2	1711.26	2.8	1708.49	0.78	1716.53	1.5	1714.75	1.3	1717.79	0.71	1719.37	1.6	1709.88
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	730	11/13/2024	600	11/13/2024	340	11/13/2024	130	11/13/2024	180	11/13/2024	230	11/6/2024	470	11/8/2024	390	11/8/2024	495	11/13/2024	520	11/13/2024
Hexavalent Chromium	15	11/13/2024	12	11/13/2024	6.3	11/13/2024	2.9	11/13/2024	2.3	11/13/2024	1.2	11/6/2024	4.5	11/8/2024	6.1	11/8/2024	12	11/13/2024	11	11/13/2024
Total Chromium	15	11/13/2024	12	11/13/2024	6	11/13/2024	3.1	11/13/2024	2.3	11/13/2024	1.3	11/6/2024	4.5	11/8/2024	6.5	11/8/2024	5.5	11/13/2024	11	11/13/2024

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 1: Analytical results are reported from Eurofins TestAmerica.
 5: On 11/06, I-C, I-M, and I-S adjusted to meet flow targets as described by the Trust.
 6: On 11/27, I-L, I-M, I-S, I-W, and I-X adjusted to meet flow targets as described by the Trust.
 7: Duplicates taken on 11/13 of well I-O; average of both values are presented and used for calculations.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	I-Q		I-R		I-S		I-T		I-U		I-V		I-W		I-X		I-Y		I-Z	
	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁴ (gpm)	Water Elevation (ft amsl)	Flow ^{5,6} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
11/01/24	0.35	1714.53	0.60	1717.84	1.4	1714.14	0.64	1707.55	0.69	1736.00	4.1	1713.93	0.55	1710.00	2.8	< 1698.52	0.89	1716.46	7.4	< 1710.00
11/02/24	0.36	1714.53	0.60	1717.90	1.2	1715.64	0.64	1707.55	0.69	1736.00	4.1	1713.75	0.55	1710.00	2.8	< 1698.51	0.86	1716.68	7.4	< 1710.00
11/03/24	0.35	1714.53	0.62	1717.87	0.87	1718.63	0.64	1707.55	0.69	1736.00	4.1	1713.41	0.55	1710.00	2.8	< 1698.50	0.86	1716.73	7.4	< 1710.00
11/04/24	0.35	1714.53	0.64	1717.85	1.0	1718.19	0.63	1707.55	0.69	1736.00	4.1	1712.79	0.54	1710.00	2.8	< 1698.51	0.86	1716.77	7.3	1710.00
11/05/24	0.35	1714.53	0.64	1717.75	1.4	1713.95	0.64	1707.55	0.68	1717.64	4.1	1712.69	0.53	1710.00	2.8	< 1698.50	0.87	1716.62	7.3	1710.00
11/06/24	0.35	1714.53	0.65	1718.30	1.5	1712.81	0.63	1707.54	0.69	1707.51	4.1	1712.25	0.53	1710.00	2.8	< 1698.51	0.88	1716.42	7.2	1710.00
11/07/24	0.35	1714.53	0.65	1718.59	1.4	1712.83	0.63	1707.54	0.69	1707.52	4.0	1712.16	0.53	1710.00	2.8	< 1698.50	0.89	1716.32	7.2	1710.01
11/08/24	0.35	1714.53	0.65	1718.57	1.4	1712.74	0.63	1707.54	0.69	1707.52	4.0	1712.09	0.52	1710.00	2.8	< 1698.51	0.89	1716.27	7.2	1710.02
11/09/24	0.35	1714.53	0.66	1718.48	1.4	1712.69	0.63	1707.54	0.69	1707.52	4.0	1712.44	0.51	1710.00	2.8	< 1698.51	0.90	1716.16	7.3	1710.04
11/10/24	0.35	1714.53	0.67	1718.38	1.4	1712.65	0.63	1707.55	0.69	1707.52	4.0	1712.05	0.51	1710.00	2.7	1700.02	0.90	1716.10	7.2	1710.04
11/11/24	0.35	1714.53	0.66	1718.32	1.4	1712.71	0.63	1707.55	0.69	1707.53	4.0	1712.10	0.51	1710.00	2.4	1711.66	0.91	1716.03	7.2	1710.04
11/12/24	0.35	1714.53	0.65	1718.32	1.4	1712.86	0.63	1707.55	0.69	1707.53	4.0	1711.44	0.51	1710.00	2.4	1711.36	0.91	1716.01	7.3	1710.04
11/13/24	0.35	1714.53	0.68	1718.15	1.4	1712.77	0.63	1707.54	0.68	1707.53	4.0	1711.06	0.51	1710.00	2.6	1709.43	0.92	1715.97	7.2	1710.04
11/14/24	0.35	1714.53	0.69	1718.10	1.4	1713.01	0.63	1707.53	0.68	1707.53	4.0	1711.28	0.51	1710.00	2.5	1710.51	0.92	1715.93	7.2	1710.05
11/15/24	0.35	1714.53	0.69	1718.10	1.3	1713.57	0.63	1707.53	0.68	1707.53	4.0	1711.55	0.51	1710.00	2.5	1710.90	0.93	1715.91	7.2	1710.06
11/16/24	0.35	1714.53	0.70	1718.14	1.3	1713.77	0.63	1707.53	0.68	1707.53	4.0	1710.95	0.50	1710.00	2.4	1711.35	0.93	1715.91	7.2	1710.06
11/17/24	0.35	1714.53	0.71	1718.11	1.3	1713.74	0.63	1707.53	0.68	1707.53	4.0	1710.52	0.50	1710.00	2.4	1711.96	0.92	1715.91	7.1	1710.05
11/18/24	0.35	1714.53	0.70	1718.14	1.3	1713.64	0.63	1707.53	0.68	1707.53	4.0	1710.39	0.50	1710.00	2.4	1712.07	0.92	1715.91	7.2	1710.06
11/19/24	0.35	1714.53	0.70	1718.10	1.3	1713.66	0.63	1707.53	0.68	1707.53	4.0	1710.06	0.50	1710.00	2.4	1712.08	0.91	1715.94	7.2	1710.05
11/20/24	0.35	1714.53	0.70	1718.11	1.3	1713.68	0.63	1707.54	0.68	1707.55	4.0	1710.16	0.49	1710.00	2.3	1712.26	0.90	1715.96	7.0	1710.13
11/21/24	0.35	1714.53	0.71	1718.88	1.1	1716.27	0.63	1707.54	0.68	1707.54	4.0	1710.70	0.47	1710.00	2.3	1712.52	0.88	1716.25	7.2	1710.07
11/22/24	0.35	1714.53	0.71	1719.53	1.0	1717.27	0.63	1707.56	0.68	1707.58	4.0	1711.74	0.44	1711.92	2.2	1712.83	0.84	1716.52	7.1	1710.19
11/23/24	0.35	1714.53	0.74	1721.41	0.85	1718.47	0.63	1707.61	0.68	1707.64	3.9	1713.31	0.33	1717.27	2.1	1713.34	0.78	1717.05	7.1	1710.35
11/24/24	0.35	1714.53	0.79	1721.93	0.84	1718.76	0.63	1707.59	0.68	1707.61	4.0	1712.92	0.31	1718.67	2.1	1713.48	0.71	1717.49	7.2	1710.20
11/25/24	0.35	1714.53	0.81	1721.89	0.86	1718.87	0.63	1707.55	0.68	1707.56	4.0	1711.32	0.33	1717.62	2.2	1713.47	0.41	1719.00	7.3	1710.02
11/26/24	0.36	1714.53	0.81	1721.68	0.88	1718.98	0.63	1707.56	0.69	1707.58	4.0	1711.47	0.33	1717.61	2.1	1713.65	0.36	1719.33	7.2	1710.07
11/27/24	0.35	1714.53	0.80	1721.39	1.2	1717.24	0.63	1707.55	0.68	1707.57	4.0	1710.50	0.50	1711.08	2.3	1712.84	0.53	1718.52	7.3	1710.02
11/28/24	0.35	1714.53	0.80	1721.30	1.2	1716.69	0.63	1707.54	0.68	1707.56	4.0	1710.01	0.50	1710.00	2.6	1711.27	0.58	1718.19	7.2	1710.02
11/29/24	0.35	1714.53	0.81	1721.18	1.3	1715.30	0.63	1707.54	0.68	1707.56	4.0	< 1710.00	0.49	1710.00	2.5	1711.74	0.58	1718.20	7.2	1710.03
11/30/24	0.35	1714.53	1.1	1719.87	0.9	1718.04	0.62	1707.67	0.68	1707.78	3.8	1713.46	0.43	1712.46	2.2	1712.80	0.35	1719.19	6.8	1710.78
Monthly Average	0.35	1714.53	0.71	1719.07	1.2	1715.12	0.63	1707.55	0.68	1711.68	4.0	1711.75	0.48	1711.22	2.5	1707.60	0.8	1716.79	7.2	1710.08
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	490	11/13/2024	550	11/6/2024	280	11/6/2024	640	11/13/2024	640	11/13/2024	490	11/13/2024	510	11/13/2024	500	11/8/2024	270	11/6/2024	130	11/13/2024
Hexavalent Chromium	13	11/13/2024	0.88	11/6/2024	1.4	11/6/2024	14	11/13/2024	13	11/13/2024	8.4	11/13/2024	11	11/13/2024	8.3	11/8/2024	1.1	11/6/2024	4.2	11/13/2024
Total Chromium	12	11/13/2024	0.94	11/6/2024	1.4	11/6/2024	13	11/13/2024	12	11/13/2024	9.2	11/13/2024	11	11/13/2024	8.7	11/8/2024	1.2	11/6/2024	4.6	11/13/2024

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.
 4: On 11/29, I-AD and I-R adjusted to meet flow targets as described by the Trust.
 5: On 11/06, I-C, I-M, and I-S adjusted to meet flow targets as described by the Trust.
 6: On 11/27, I-L, I-M, I-S, I-W, 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	LS #2	Chromium Treatment Subsystem Effluent ¹				GW-11 Influent ¹				FBR Plant Influent ¹						
	Flow (gpm)	Flow ³ (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO ₄ (mg/L)	Flow (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO ₄ (mg/L)	Flow (gpm)	TA - ClO ₄ (mg/L)	ETI - ClO ₄ (mg/L)	TA - ClO ₃ (mg/L)	TA - NO ₃ - N (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)
11/01/24	820	37				0.068				921		49				
11/02/24	810	66				0.040				958	39	54				
11/03/24	811	37				0.064				929		54				
11/04/24	821	52				0.084				899		58				
11/05/24	837	53	0.77	ND	350	0.10				931		55	91	8.5	0.10	0.048
11/06/24	856	55				0.15				910		57				
11/07/24	831	55				0.18				906		56				
11/08/24	866	55				0.16				920		55				
11/09/24	859	48				0.14				907	45	54				
11/10/24	866	52				0.13				954		51				
11/11/24	873	52				0.11				926		55				
11/12/24	845	53	0.73	ND	350	0.10				904		55		9.4	0.12	0.029
11/13/24	856	52				0.14				911		55				
11/14/24	857	52				0.15				908		53				
11/15/24	865	59				0.15				924		54				
11/16/24	874	62				0.18				937	44	53				
11/17/24	862	39				0.17				901		54				
11/18/24	866	60				0.16				951		53				
11/19/24	909	56	0.49 ^2	ND	360	0.19				965		52				
11/20/24	907	50				2.1	0.075	0.059	30	975		50		8.9	0.10	0.054
11/21/24	913	48				0.21				979		49				
11/22/24	866	57				0.19				976		49				
11/23/24	823	53				0.11				989	39	49				
11/24/24	826	41				0.09				966		45				
11/25/24	830	35	0.46	ND	320	0.15				871		50				
11/26/24	814	51				0.07				887		54		8.9 H3	0.089	0.052
11/27/24	836	57				0.10				954		51				
11/28/24	838	45				0.19				936		50				
11/29/24	836	45				0.21				906		53				
11/30/24	837	45				0.21				902	43	53				
Monthly Average ²	850	51	0.62	ND	345	0.20	0.08	0.06	30	930	42	53	91	8.9	0.102	0.034

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.

^2 = Calibration Blank is outside acceptance limits.

ND = Not detected above laboratory method detection limit (ClO₄ = 0.5 µg/L; ClO₃ = 10 µg/L; NO₃-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: On 11/24 and 11/25, CTS flow diverted briefly due to maintenance.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics														
Date	1st Stage FBR ⁴			2nd Stage FBR ⁴			FBR Plant Effluent ⁵							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow ⁵ (gpm)	TA - ClO ₄ (mg/L)	ETI - ClO ₄ (mg/L)	TA - ClO ₃ (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - NO ₃ - N (mg/L)	ETI - Turbidity (NTU)
11/01/24	872	7.0	-421	940	6.3	-363	949		2.8					21
11/02/24	855	7.0	-413	935	6.3	-358	953	ND D	0.0					33
11/03/24	837	6.9	-358	929	6.7	-356	901		0.0					27
11/04/24	802	7.1	-419	691	6.4	-354	867		0.0					25
11/05/24	793	6.9	-406	729	6.4	-353	882		0.0	0.017 J	0.017	0.00046 J	ND	23
11/06/24	808	7.1	-414	935	6.3	-351	885		0.0					20
11/07/24	802	7.1	-365	687	6.4	-347	887		0.0					43
11/08/24	778	6.9	-421	696	6.5	-362	880		0.0					20
11/09/24	792	6.8	-410	793	6.4	-356	931	ND	0.0					24
11/10/24	853	6.8	-394	950	6.4	-345	972		0.0					32
11/11/24	828	6.9	-412	783	6.4	-353	788		0.0					22
11/12/24	865	6.9	-422	824	6.4	-351	916		0.0		0.027	ND	ND	35
11/13/24	841	7.0	-437	642	6.4	-349	891		0.0					33
11/14/24	847	6.8	-432	677	6.6	-342	934		6.7					38
11/15/24	858	6.7	-433	892	6.7	-338	941		0.0					26
11/16/24	851	6.7	-432	734	6.7	-339	945	ND	0.0					26
11/17/24	834	6.6	-426	813	6.7	-343	937		0.0					33
11/18/24	906	6.6	-444	830	6.6	-253	928		0.0					20
11/19/24	852	6.6	-392	976	6.4	-271	966		0.0					26
11/20/24	852	6.7	-395	862	6.5	-260	999		0.0		0.022	ND	ND	24
11/21/24	850	6.6	-388	895	6.6	-296	916		0.0					23
11/22/24	887	6.6	-364	860	6.6	-321	995		0.0					20
11/23/24	855	6.5	-367	912	6.6	-322	1020	ND	0.0					25
11/24/24	899	6.6	-433	952	6.6	-295	892		0.0					26
11/25/24	801	6.6	-430	676	6.6	-301	508		0.0					28
11/26/24	804	6.6	-312	783	6.6	-316	885		0.0		0.018	0.00023 J	0.021 J H3	20
11/27/24	840	6.7	-410	954	6.7	-322	946		0.0					22
11/28/24	865	6.5	-402	870	6.7	-324	936		0.0					27
11/29/24	855	6.7	-405	880	6.6	-318	930		0.0					25
11/30/24	846	6.5	-419	867	6.7	-320	918	0.018	0.0					21
Monthly Average ²	841	6.8	-406	832	6.5	-328	910	0.0025	0.3	0.017	0.021	0.0002	0.0046	26

Notes:

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

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.

Q3 = Sample received with improper chemical preservation.

TR = Total Recoverable.

ND = Not detected above laboratory method detection limit (ClO₄ = 0.5 µg/L; ClO₃ = 10 µg/L; NO₃-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 ¹		
Date	Field Measurement (ft)	Volume (MG)
11/15/24	30.5	36.0
11/30/24	30.8	35.6

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
11/13/24	4.1	1,069	867	32
11/27/24	2.3	283	626	25

GW-11 Composite Sample ³		
Analytes	Concentration	Units
Perchlorate	1.4	mg/L
Chlorate	ND	mg/L
Ammonia as N	0.061	mg/L
Total Phosphorus	1.0	mg/L
Total Dissolved Solids (TDS)	12,000	mg/L
Total Suspended Solids (TSS)	240	mg/L
pH	8.5 HF	s.u.
Calcium	630	mg/L
Iron	2.0	mg/L
Chromium (total)	0.086	mg/L
Chromium VI	0.0017	mg/L
Chloride	4300	mg/L
Nitrate as N	ND	mg/L
Sulfate	3700	mg/L

Notes:

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

ND = Not detected above laboratory method detection limit ($\text{ClO}_3^- = 0.0098 \text{ mg/L}$).

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: November 21, 2024

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics						
Date	Flow ¹ (gpm)	FBR Influent Concentration			Influent Function Load ² (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO ₄ (mg/L)	NO ₃ as N (mg/L)	ClO ₃ (mg/L)		
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
Nov 2024	930	42	8.9	91	347	363

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 (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)
11/01/24	2.3	1710.65	0.60	1709.87	0.55	1713.31	0.95	1713.20	1.1	1715.59	0.91	1717.68	1.2	1717.54	0.22	1715.95
11/02/24	2.3	1710.81	0.57	1710.15	0.55	1712.90	0.93	1713.46	1.1	1715.74	1.1	1717.09	1.3	1719.23	0.33	1716.35
11/03/24	2.4	1712.43	0.61	1710.00	0.57	1710.62	0.96	1713.52	0.98	1715.82	1.4	1717.17	1.4	1716.93	0.33	1714.22
11/04/24	2.4	1710.88	0.59	1709.81	0.52	1710.42	0.84	1712.12	0.95	1715.17	1.3	1716.25	1.3	1716.61	0.34	1713.52
11/05/24	2.4	1711.03	0.58	1709.84	0.56	1710.52	0.76	1714.92	0.92	1715.97	1.3	1716.55	1.3	1716.76	0.33	1712.12
11/06/24	2.4	1712.33	0.52	1709.66	0.54	1710.52	0.76	1715.42	0.92	1716.39	1.3	1716.85	1.3	1715.81	0.35	1712.92
11/07/24	2.3	1709.83	0.53	1709.26	0.56	1710.62	0.71	1715.72	0.89	1715.76	1.3	1717.15	1.3	1717.01	0.32	1713.72
11/08/24	2.4	1711.03	0.53	1709.74	0.56	1709.43	0.64	1715.81	0.90	1715.75	1.2	1716.25	1.3	1716.01	0.32	1713.92
11/09/24	2.3	1710.33	0.52	1710.01	0.55	1710.42	0.65	1715.84	0.89	1716.22	1.3	1716.45	1.3	1716.31	0.34	1712.82
11/10/24	2.3	1710.83	0.52	1709.81	0.55	1710.62	0.67	1717.32	0.92	1715.97	1.2	1716.15	1.2	1717.21	0.35	1712.12
11/11/24	2.3	1711.13	0.50	1709.86	0.54	1709.77	0.67	1717.42	0.92	1715.52	1.2	1715.95	1.3	1716.61	0.36	1712.12
11/12/24	2.3	1710.93	0.52	1709.96	0.54	1710.62	0.69	1716.77	0.94	1715.37	1.2	1717.75	1.3	1717.46	0.36	1712.12
11/13/24	2.3	1711.08	0.54	1709.81	0.54	1710.52	0.66	1718.12	0.97	1714.92	1.2	1718.30	1.2	1717.36	0.36	1712.37
11/14/24	2.3	1712.13	0.53	1709.86	0.47	1711.22	0.67	1718.62	1.00	1715.92	1.1	1718.65	1.3	1717.81	0.35	1714.92
11/15/24	2.3	1711.93	0.58	1709.96	0.48	1710.52	0.49	1718.22	0.99	1715.32	1.2	1718.70	1.2	1717.61	0.37	1712.72
11/16/24	2.3	1712.33	0.58	1709.86	0.50	1710.32	0.47	1718.72	0.98	1715.27	1.2	1717.95	1.2	1717.47	0.35	1712.87
11/17/24	2.3	1711.98	0.59	1709.76	0.52	1710.62	0.46	1721.02	0.99	1715.37	1.2	1718.55	1.2	1717.46	0.34	1712.27
11/18/24	2.3	1711.93	0.59	1709.81	0.53	1710.52	0.47	1720.92	0.97	1715.22	1.6	1714.85	1.2	1717.31	0.35	1712.52
11/19/24	2.3	1712.08	0.58	1709.86	0.52	1710.62	0.50	1720.57	1.0	1715.72	1.1	1719.80	1.2	1717.71	0.35	1713.27
11/20/24	2.3	1712.18	0.59	1709.76	0.52	1710.39	0.69	1717.32	0.96	1715.82	1.1	1718.93	1.2	1717.61	0.34	1713.02
11/21/24	2.3	1712.33	0.61	1708.86	0.53	1712.11	0.69	1719.07	1.0	1716.17	1.2	1719.55	1.3	1717.01	0.37	1713.17
11/22/24	2.4	1712.18	0.61	1710.36	0.51	1710.87	0.67	1718.12	1.0	1715.42	1.2	1717.95	1.2	1717.71	0.33	1712.87
11/23/24	2.2	1711.42	0.57	1709.16	0.50	1712.00	0.65	1717.22	0.96	1716.12	1.1	1718.80	1.2	1716.90	0.36	1713.47
11/24/24	2.4	1711.88	0.62	1709.76	0.54	1710.67	0.68	1717.82	1.0	1715.62	1.1	1719.30	1.2	1717.61	0.37	1710.22
11/25/24	2.3	1711.43	0.60	1709.71	0.52	1710.82	0.68	1717.57	0.98	1715.72	1.2	1719.05	1.2	1717.76	0.29	1716.02
11/26/24	2.3	1711.01	0.60	1709.82	0.55	1710.48	0.67	1718.10	0.97	1715.48	1.1	1719.49	1.2	1717.73	0.31	1714.74
11/27/24	2.4	1711.19	0.60	1709.78	0.56	1710.64	0.68	1719.44	0.99	1715.70	0.91	1721.00	1.3	1717.99	0.34	1711.15
11/28/24	2.3	1710.71	0.58	1709.75	0.53	1710.68	0.89	1713.56	0.98	1715.46	1.2	1718.79	1.2	1717.85	0.08	1717.90
11/29/24	2.4	1711.18	0.58	1709.84	0.52	1710.60	0.68	1713.30	0.96	1714.41	1.1	1719.33	1.2	1717.79	0.25	1717.84
11/30/24	2.6	1711.18	0.63	1709.85	0.55	1710.73	0.73	1713.22	1.0	1714.37	1.2	1718.20	1.3	1717.59	0.33	1717.12
Monthly Average	2.3	1711.41	0.57	1709.79	0.53	1710.81	0.69	1716.75	0.97	1715.58	1.2	1717.95	1.2	1717.33	0.33	1713.67
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc ² (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	430	11/6/2024	780	11/6/2024	330	11/6/2024	65	11/6/2024	390	11/6/2024	1100	11/6/2024	930	11/6/2024	1200	11/6/2024
Hexavalent Chromium	0.11	11/6/2024	0.72	11/6/2024	0.72	11/6/2024	0.03	11/6/2024	0.03	11/6/2024	0.12	11/6/2024	0.10	11/6/2024	0.22	11/6/2024
Total Chromium	0.13	11/6/2024	0.76	11/6/2024	0.745	11/6/2024	0.033	11/6/2024	0.035	11/6/2024	0.13	11/6/2024	0.11	11/6/2024	0.24	11/6/2024

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 11/06 of well E1-3; average of both values are presented and used for calculations.

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

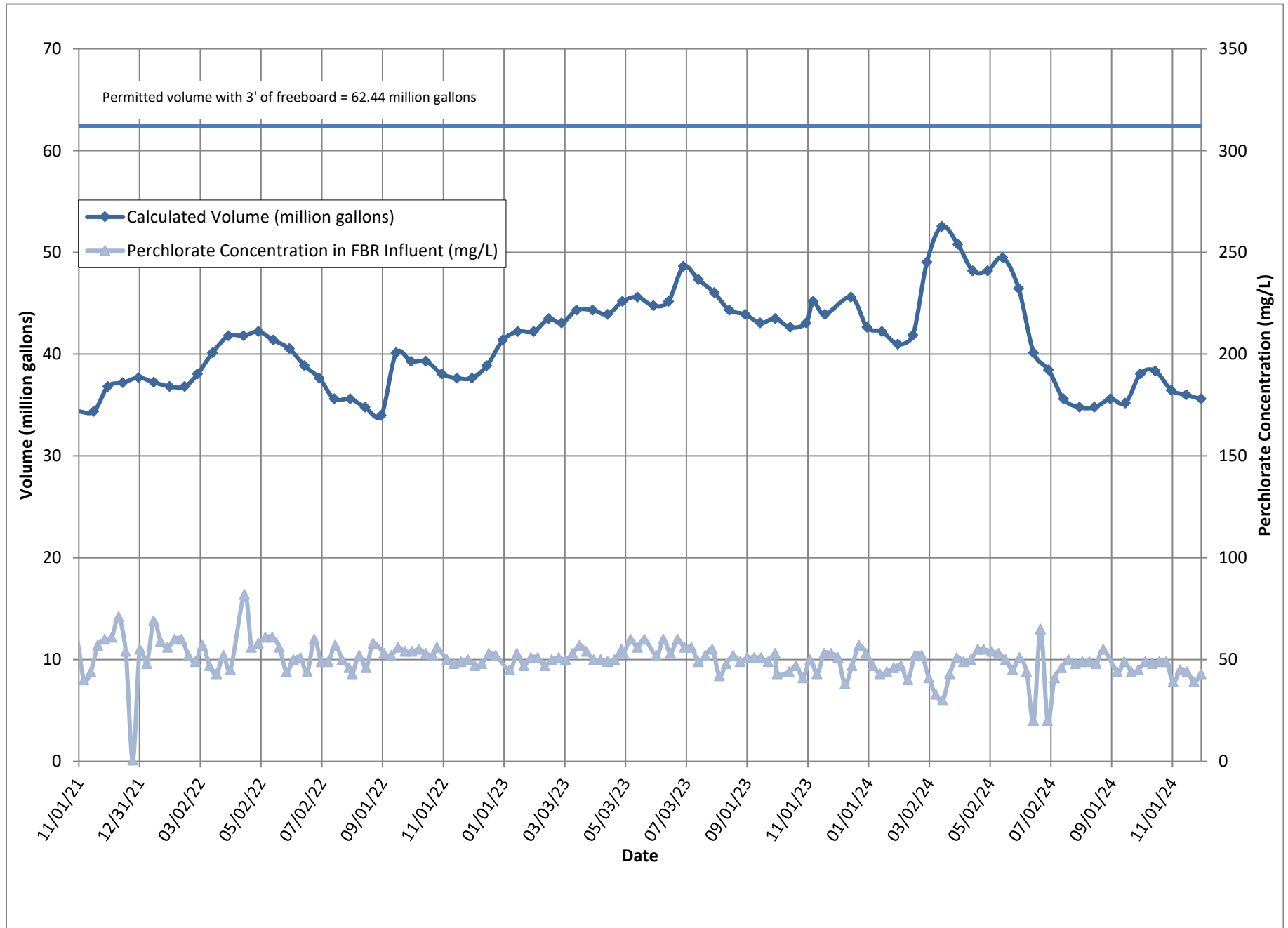


Figure 2 - FBR Equivalent Loading Calculation

