

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)
12/01/24	524	160	1540.31	68	1520.34	128	1546.46	107	1534.86	62	1547.90	116	1549.07	49	1550.91	20	1552.01	9.9	1529.32
12/02/24	524	160	1540.33	68	1520.35	128	1546.50	107	1534.88	62	1547.94	116	1549.11	49	1550.95	20	1552.06	9.9	1529.32
12/03/24	524	160	1540.36	68	1520.35	128	1546.54	107	1534.91	62	1547.98	116	1549.15	49	1551.00	20	1552.11	9.9	1529.33
12/04/24	523	159	1540.50	68	1520.42	128	1546.60	106	1535.05	62	1548.03	115	1549.20	48	1551.05	20	1552.16	9.9	1529.65
12/05/24	524	160	1540.48	68	1520.35	128	1546.62	107	1535.03	62	1548.06	116	1549.24	49	1551.09	20	1552.20	9.9	1529.49
12/06/24	524	160	1540.50	68	1520.35	128	1546.66	107	1535.04	62	1548.09	116	1549.27	49	1551.12	20	1552.24	9.9	1529.46
12/07/24	524	160	1540.51	68	1520.35	128	1546.68	107	1535.06	62	1548.12	116	1549.30	49	1551.15	20	1552.27	9.9	1529.46
12/08/24	524	160	1540.53	68	1520.35	128	1546.71	107	1535.08	62	1548.15	116	1549.33	49	1551.18	20	1552.30	9.9	1529.36
12/09/24	524	160	1540.53	68	1520.35	128	1546.71	107	1535.07	62	1548.15	116	1549.33	49	1551.17	20	1552.29	9.9	1529.30
12/10/24	524	160	1540.55	68	1520.35	128	1546.72	107	1535.08	62	1548.16	116	1549.33	49	1551.17	20	1552.28	9.9	1529.40
12/11/24	523	159	1540.61	68	1520.38	128	1546.76	107	1535.16	62	1548.19	116	1549.37	48	1551.21	20	1552.32	9.9	1529.61
12/12/24	524	160	1540.59	68	1520.35	128	1546.77	107	1535.17	62	1548.20	116	1549.37	49	1551.21	20	1552.32	9.9	1529.57
12/13/24	524	160	1540.52	68	1520.35	128	1546.72	107	1535.12	62	1548.17	116	1549.32	49	1551.16	20	1552.26	9.9	1529.49
12/14/24	524	160	1540.51	68	1520.35	128	1546.72	107	1535.11	62	1548.17	116	1549.32	49	1551.16	20	1552.26	9.9	1529.49
12/15/24	524	160	1540.47	68	1520.35	128	1546.69	107	1535.08	62	1548.15	116	1549.29	49	1551.12	20	1552.22	9.9	1529.47
12/16/24	524	160	1540.46	68	1520.35	128	1546.68	107	1535.06	62	1548.15	116	1549.27	49	1551.11	20	1552.21	9.9	1529.45
12/17/24	524	160	1540.43	68	1520.35	128	1546.65	107	1535.04	62	1548.13	116	1549.25	49	1551.08	20	1552.18	9.9	1529.40
12/18/24	524	160	1540.42	68	1520.38	128	1546.63	107	1535.02	62	1548.12	116	1549.23	49	1551.06	20	1552.16	9.9	1529.44
12/19/24	524	160	1540.40	68	1520.35	128	1546.62	107	1535.00	62	1548.12	116	1549.22	49	1551.05	20	1552.15	9.9	1529.39
12/20/24 ²	514	156	1540.67	66	1520.92	125	1546.76	105	1535.36	61	1548.23	114	1549.30	48	1551.11	20	1552.19	9.8	1530.49
12/21/24	524	160	1540.52	68	1520.33	128	1546.64	107	1535.11	62	1548.14	116	1549.23	49	1551.05	20	1552.15	10.0	1530.45
12/22/24	524	160	1540.46	68	1520.32	128	1546.61	107	1535.07	62	1548.12	116	1549.20	49	1551.02	20	1552.12	10.0	1530.21
12/23/24	524	160	1540.41	68	1520.31	128	1546.58	107	1535.03	62	1548.10	116	1549.17	49	1551.00	20	1552.09	9.9	1530.16
12/24/24	524	160	1540.40	68	1520.30	128	1546.58	107	1535.02	62	1548.11	116	1549.17	49	1551.00	20	1552.09	9.9	1530.08
12/25/24	523	159	1540.35	68	1520.29	128	1546.54	107	1534.98	62	1548.09	116	1549.13	49	1550.96	20	1552.05	9.9	1529.96
12/26/24	523	159	1540.32	68	1520.29	128	1546.52	106	1534.96	62	1548.08	116	1549.12	49	1550.94	20	1552.03	9.9	1529.96
12/27/24	523	159	1540.30	68	1520.29	128	1546.51	106	1534.94	62	1548.07	116	1549.10	49	1550.93	20	1552.02	9.9	1529.90
12/28/24	523	159	1540.28	67	1520.28	128	1546.48	106	1534.91	62	1548.05	116	1549.07	49	1550.90	20	1551.99	9.9	1529.83
12/29/24	523	159	1540.27	67	1520.28	128	1546.48	106	1534.90	62	1548.06	116	1549.07	49	1550.90	20	1551.99	9.9	1529.80
12/30/24	523	159	1540.24	67	1520.28	128	1546.45	106	1534.88	62	1548.04	116	1549.05	49	1550.87	20	1551.96	9.9	1529.67
12/31/24	523	159	1540.23	67	1520.28	128	1546.43	106	1534.86	62	1548.03	116	1549.03	49	1550.85	20	1551.94	9.9	1529.64
Monthly Average	523	159	1540.43	68	1520.35	128	1546.61	107	1535.03	62	1548.10	116	1549.21	49	1551.05	20	1552.15	9.9	1529.66
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		16	12/16/2024	17	12/16/2024	9.9	12/16/2024	9.2	12/16/2024	4.8	12/16/2024	0.86	12/16/2024	0.070	12/16/2024	0.034	12/16/2024	1.5	12/16/2024
Hexavalent Chromium		0.0065	12/16/2024	0.0007	12/16/2024	ND	12/16/2024	0.0087	12/16/2024	ND	12/16/2024	ND	12/16/2024	ND	12/16/2024	ND	12/16/2024	ND	12/16/2024
Total Chromium		ND	12/16/2024	ND	12/16/2024	ND	12/16/2024	0.0051 J B	12/16/2024	ND	12/16/2024	ND	12/26/2024	ND	12/16/2024	ND	12/16/2024	ND	12/16/2024

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).
 B = Compound was found in the blank and sample.
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 12/20, SWF wells offline due to maintenance.
 3: Duplicates taken on 12/16 of well PC-121; 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 ^{4,5} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)
12/01/24	394	42	1587.09	128	1588.85	26	1585.87	4.0	1586.19	57	1575.97	28	1583.45	148	1579.89	2.7	1579.87
12/02/24	395	42	1587.09	128	1588.85	26	1585.87	4.0	1586.20	57	1575.98	29	1583.48	148	1579.89	2.7	1579.87
12/03/24	395	42	1587.09	129	1588.85	26	1585.87	4.0	1586.21	57	1575.96	29	1583.47	148	1579.89	2.7	1579.87
12/04/24	395	42	1587.08	128	1588.85	26	1585.88	4.0	1583.41	57	1575.97	29	1583.53	148	1579.89	2.7	1579.87
12/05/24	395	42	1585.83	128	1588.85	26	1585.88	4.0	1582.42	57	1575.96	29	1583.50	148	1579.89	2.7	1579.87
12/06/24	395	42	1587.17	128	1588.85	26	1585.88	4.0	1582.38	57	1575.96	29	1583.56	148	1579.89	2.7	1579.87
12/07/24	395	42	1587.18	128	1588.85	26	1585.88	4.0	1582.33	57	1575.96	28	1583.64	148	1579.89	2.7	1579.86
12/08/24	395	42	1587.18	128	1588.86	26	1585.88	4.0	1582.33	57	1575.96	28	1583.60	148	1579.90	2.7	1579.86
12/09/24	395	42	1587.16	127	1588.83	26	1585.86	4.0	1582.29	57	1575.96	28	1583.84	148	1579.88	2.7	1579.85
12/10/24	395	42	1587.14	127	1588.82	26	1585.85	4.0	1582.26	58	1575.96	28	1584.16	148	1579.86	2.7	1579.85
12/11/24	395	42	1587.16	127	1588.84	26	1585.86	4.0	1582.27	58	1575.96	28	1584.03	148	1579.88	2.7	1579.86
12/12/24	395	42	1587.17	126	1588.85	26	1585.88	4.0	1582.28	58	1575.96	28	1583.74	148	1579.89	2.7	1579.85
12/13/24	394	42	1587.13	127	1588.80	26	1585.84	4.0	1583.45	58	1575.96	28	1583.98	148	1579.86	2.7	1579.84
12/14/24	394	42	1587.12	128	1588.80	26	1585.83	4.0	1586.07	57	1575.96	28	1584.03	148	1579.85	2.7	1579.85
12/15/24	380	42	1587.20	110	1589.11	26	1585.86	4.0	1585.23	57	1575.96	28	1584.14	148	1579.91	2.7	1579.85
12/16/24	355	42	1587.60	75	1589.95	27	1586.12	4.0	1582.33	58	1575.97	28	1584.16	148	1580.23	2.5	1579.84
12/17/24	356	42	1587.74	75	1590.09	26	1586.23	4.0	1582.43	58	1575.97	28	1584.26	148	1580.35	2.5	1579.84
12/18/24	344	42	1587.91	62	1587.97	26	1586.34	2.7	1583.37	58	1575.97	28	1584.34	148	1580.48	2.5	1579.88
12/19/24	342	42	1588.08	57	1589.73	26	1586.47	4.0	1586.46	57	1576.00	28	1584.32	148	1580.61	2.5	1579.89
12/20/24 ³	302	41	1588.31	58	1590.06	25	1585.03	3.9	1585.12	57	1576.22	28	1584.42	109	1580.29	2.5	1580.13
12/21/24	393	42	1588.02	127	1589.45	26	1586.59	4.0	1582.76	58	1575.99	28	1584.36	144	1580.71	2.5	1580.02
12/22/24	397	42	1587.66	129	1589.07	26	1586.23	4.0	1582.58	58	1576.02	29	1584.31	148	1580.37	2.5	1579.99
12/23/24	396	42	1587.51	129	1588.91	26	1586.10	4.0	1582.44	58	1576.11	29	1584.39	148	1580.24	2.5	1579.96
12/24/24	396	42	1587.42	128	1588.83	27	1586.04	4.0	1582.36	58	1576.08	29	1584.26	148	1580.17	2.5	1579.91
12/25/24	395	42	1587.34	128	1588.75	27	1585.98	4.0	1582.29	57	1576.30	29	1584.30	148	1580.11	2.5	1579.88
12/26/24	395	42	1587.28	128	1588.69	27	1585.93	4.0	1582.23	57	1576.48	29	1584.38	148	1580.06	2.5	1579.88
12/27/24	394	42	1587.18	128	1588.64	27	1585.89	4.0	1582.17	57	1576.71	28	1584.31	148	1580.02	2.5	1579.88
12/28/24	394	42	1587.18	128	1588.58	27	1585.85	4.0	1582.08	56	1576.90	28	1584.53	148	1579.97	2.5	1579.86
12/29/24	394	42	1587.15	128	1588.55	26	1585.82	4.0	1582.034	56	1576.97	28	1584.46	148	1579.95	2.5	1579.86
12/30/24	393	42	1587.10	128	1588.51	26	1585.79	4.0	1581.979	56	1577.01	28	1584.54	148	1579.91	2.5	1579.84
12/31/24	393	42	1587.06	128	1588.47	26	1585.75	4.0	1581.93	56	1577.00	28	1584.64	148	1579.88	2.5	1579.82
Monthly Average	385	42	1587.30	117	1588.94	26	1585.94	4.0	1583.22	57	1576.17	28	1584.07	146	1580.05	2.6	1579.88
Analytical ¹	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	Conc (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate	24	12/16/2024	4.2	12/16/2024	130	12/16/2024	78	12/16/2024	130	12/16/2024	54	12/16/2024	40	12/16/2024	56	12/16/2024	
Hexavalent Chromium	ND	12/16/2024	ND	12/16/2024	0.21	12/19/2024	0.11	12/16/2024	0.56	12/16/2024	0.35	12/16/2024	0.043	12/16/2024	0.075	12/16/2024	
Total Chromium	ND	12/16/2024	ND	12/16/2024	0.22	12/16/2024	0.12	12/16/2024	0.55	12/16/2024	0.36	12/16/2024	0.043	12/16/2024	0.077	12/16/2024	

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
 2: On 12/20, AWF wells offline briefly due to maintenance.
 3: Duplicates taken on 12/16 of well ART-1/1A; average of both values are presented and used for calculations.
 4: On 12/15, ART-2 switched to ART-2A due to maintenance.
 5: On 12/20, ART-2A offline due to maintenance.
 6: On 12/16, Conducted periodic bucket test to confirm flow rates for PC-150. Average flow determined from flow tests was 2.7 gpm from 12/1 to 12/15 and 2.5 gpm from 12/16 to 12/31. 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 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 (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
12/01/24	0.25	1714.88	0.81	1707.93	0.0	1718.80	0.0	1740.00	0.36	1722.27	0.44	1709.72	2.5	1708.70	1.1	1705.80	1.1	1708.94	2.3	1709.41
12/02/24	0.25	1714.87	0.81	1707.86	0.0	1718.76	0.0	1740.00	0.35	1722.32	0.44	1709.69	2.5	1708.60	1.1	1705.73	1.1	1708.86	2.1	1709.36
12/03/24	0.25	1714.87	0.81	1707.73	0.0	1718.75	0.0	1740.00	0.35	1722.33	0.44	1709.66	2.5	1708.42	1.1	1705.67	1.1	1708.73	2.1	1709.28
12/04/24	0.23	1714.87	0.81	1707.80	0.0	1718.71	0.0	1740.00	0.35	1722.33	0.43	1709.70	2.5	1708.42	1.1	1705.67	1.1	1708.74	2.1	1709.22
12/05/24	0.23	1714.87	0.79	1708.06	0.0	1718.65	0.0	1740.00	0.35	1722.31	0.42	1709.73	2.5	1708.42	1.1	1705.68	1.1	1708.73	2.0	1709.21
12/06/24	0.23	1714.87	0.78	1708.28	0.0	1718.63	0.0	1740.00	0.36	1722.27	0.41	1709.77	2.5	1708.41	1.1	1705.68	1.1	1708.72	1.9	1709.19
12/07/24	0.23	1714.87	0.78	1708.33	0.0	1718.63	0.0	1740.00	0.62	1719.98	0.42	1709.78	2.4	1708.41	1.0	1705.66	1.1	1708.72	1.9	1709.19
12/08/24	0.23	1714.87	0.78	1708.33	0.0	1718.62	0.0	1740.00	0.89	1717.39	0.41	1709.77	2.4	1708.41	1.0	1705.65	1.1	1708.70	1.9	1709.19
12/09/24	0.23	1714.86	0.77	1708.43	0.0	1718.60	0.0	1740.00	0.87	1717.63	0.41	1709.76	2.4	1708.41	1.0	1705.66	1.1	1708.70	1.8	1709.19
12/10/24	0.23	1714.86	0.76	1708.65	0.27	1712.95	0.0	1740.00	0.87	1717.51	0.40	1709.74	2.4	1708.41	1.0	1705.66	1.1	1708.70	1.8	1709.17
12/11/24	0.23	1714.86	0.75	1708.66	0.37	< 1710.00	0.0	1740.00	1.02	1713.13	0.39	1709.76	2.4	1708.41	1.0	1705.65	1.1	1708.71	1.8	1709.18
12/12/24	0.23	1714.86	0.76	1708.46	0.37	< 1710.00	0.0	1740.00	1.09	< 1710.00	0.38	1709.78	2.4	1708.41	1.0	1705.64	1.1	1708.71	1.8	1709.20
12/13/24	0.23	1714.86	0.75	1708.50	0.37	< 1710.00	0.0	1740.00	1.10	< 1710.00	0.38	1709.79	2.4	1708.41	1.0	1705.65	1.1	1708.71	1.8	1709.19
12/14/24	0.23	1714.87	0.75	1708.49	0.37	< 1710.00	0.0	1740.00	1.09	< 1710.00	0.38	1709.78	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.19
12/15/24	0.23	1714.87	0.75	1708.43	0.37	< 1710.00	0.0	1740.00	1.09	< 1710.00	0.38	1709.76	2.4	1708.41	1.0	1705.66	1.1	1708.70	1.8	1709.18
12/16/24	0.23	1714.87	0.75	1708.39	0.25	1712.26	0.0	1740.00	1.08	< 1710.00	0.38	1709.79	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.17
12/17/24	0.20	1714.87	0.76	1708.47	0.0	1718.44	0.0	1740.00	1.08	< 1710.00	0.39	1709.74	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.16
12/18/24	0.20	1714.87	0.76	1708.55	0.0	1718.46	0.0	1740.00	1.08	< 1710.00	0.39	1709.73	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.16
12/19/24	0.20	1714.87	0.76	1708.57	0.0	1718.50	0.084	1740.00	1.08	< 1710.00	0.40	1709.76	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.16
12/20/24	0.20	1714.87	0.76	1708.60	0.0	1718.51	0.095	1740.00	1.08	< 1710.00	0.40	1709.75	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.16
12/21/24	0.20	1714.87	0.76	1708.58	0.0	1718.51	0.094	1740.00	1.07	< 1710.00	0.40	1709.75	2.4	1708.41	1.0	1705.66	1.1	1708.71	1.8	1709.17
12/22/24	0.20	1714.87	0.75	1708.70	0.0	1718.52	0.092	1740.00	1.07	< 1710.00	0.40	1709.76	2.4	1708.41	1.0	1705.66	1.1	1708.72	1.8	1709.17
12/23/24	0.20	1714.87	0.74	1708.91	0.0	1718.52	0.092	1740.00	1.07	< 1710.00	0.40	1709.74	2.4	1708.41	1.0	1705.66	1.1	1708.72	1.8	1709.16
12/24/24	0.20	1714.87	0.75	1708.78	0.0	1718.53	0.094	1740.00	1.07	< 1710.00	0.40	1709.74	2.4	1708.41	1.0	1705.66	1.1	1708.72	1.8	1709.17
12/25/24	0.20	1714.87	0.75	1708.77	0.0	1718.52	0.091	1740.00	1.07	< 1710.00	0.40	1709.77	2.4	1708.42	1.0	1705.66	1.1	1708.72	1.8	1709.17
12/26/24	0.20	1714.87	0.74	1709.07	0.0	1718.53	0.0	1740.00	1.07	< 1710.00	0.40	1709.77	2.4	1708.42	1.0	1705.66	1.1	1708.71	1.8	1709.17
12/27/24	0.20	1714.87	0.74	1709.02	0.0	1718.53	0.0	1740.00	1.07	< 1710.00	0.40	1709.78	2.4	1708.42	1.0	1705.66	1.1	1708.70	1.8	1709.18
12/28/24	0.20	1714.87	0.74	1709.04	0.0	1718.53	0.0	1740.00	1.07	< 1710.00	0.40	1709.81	2.4	1708.42	1.0	1705.65	1.1	1708.70	1.8	1709.17
12/29/24	0.20	1714.87	0.74	1709.00	0.0	1718.55	0.0	1740.00	1.07	< 1710.00	0.41	1709.77	2.4	1708.42	1.0	1705.66	1.1	1708.69	1.8	1709.18
12/30/24	0.20	1714.87	0.73	1709.20	0.0	1718.55	0.0	1740.00	1.07	< 1710.00	0.41	1709.77	2.4	1708.42	1.0	1705.66	1.1	1708.69	1.8	1709.18
12/31/24	0.20	1714.87	0.72	1709.54	0.0	1718.56	0.0	1740.00	1.06	< 1710.00	0.41	1709.77	2.4	1708.41	1.0	1705.66	1.1	1708.70	1.8	1709.17
Monthly Average	0.22	1714.87	0.76	1708.55	0.076	1716.81	0.0	1740.00	0.90	1713.53	0.40	1709.75	2.4	1708.43	1.0	1705.67	1.1	1708.72	1.9	1709.20
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	250	12/10/2024	16	12/10/2024	40	12/10/2024	130	12/11/2024	150	12/11/2024	160	12/10/2024	320	12/10/2024	340	12/10/2024	280	12/10/2024	400	12/10/2024
Hexavalent Chromium	0.92	12/10/2024	0.044	12/10/2024	ND	12/10/2024	1.7	12/11/2024	1.7	12/11/2024	0.20	12/10/2024	2.3	12/10/2024	3.9	12/10/2024	5.3	12/10/2024	10	12/10/2024
Total Chromium	1.3 _B	12/10/2024	0.063	12/10/2024	0.017	12/10/2024	2.4	12/11/2024	1.6	12/11/2024	0.28 _B	12/10/2024	2.3 _B	12/10/2024	3.9 _B	12/10/2024	5.4 _B	12/10/2024	13 _B	12/10/2024

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 12/04, 12/17, and 12/27, I-AR water level measured manually due to water level dropping below transducer level.
 3: On 12/10, I-AB online for sampling.
 4: On 12/11, I-AD 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		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 (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
12/01/24	0.19	1711.43	0.51	1709.36	3.4	1740.00	5.1	1711.56	2.7	1708.77	0.60	1718.52	1.5	1714.99	1.3	1718.99	0.70	1719.40	1.6	1710.37
12/02/24	0.19	1711.41	0.51	1709.31	3.4	1738.78	5.1	1711.42	2.7	1708.68	0.59	1718.44	1.6	1714.71	1.1	1719.22	0.70	1719.34	1.6	1710.29
12/03/24	0.19	1711.39	0.51	1709.26	3.5	1739.99	5.1	1711.18	2.8	1708.53	0.63	1718.07	1.6	1714.85	1.1	1719.40	0.71	1719.25	1.6	1710.16
12/04/24	0.19	1711.39	0.51	1709.27	3.5	1739.99	5.1	1711.18	2.8	1708.54	0.63	1717.65	2.1	1713.22	1.6	1717.49	0.71	1719.21	1.6	1710.17
12/05/24	0.19	1711.39	0.51	1709.27	3.5	1739.99	5.1	1711.19	2.7	1708.55	0.61	1717.41	2.1	1713.07	1.6	1716.92	0.70	1719.19	1.6	1710.21
12/06/24	0.19	1711.39	0.51	1709.27	3.5	1739.99	5.1	1711.20	2.7	1708.57	0.61	1717.31	2.0	1713.21	1.5	1717.23	0.69	1719.21	1.5	1710.24
12/07/24	0.19	1711.39	0.51	1709.26	3.5	1739.99	5.1	1711.20	2.7	1708.57	0.61	1717.25	2.0	1713.33	1.5	1717.21	0.68	1719.23	1.5	1710.24
12/08/24	0.19	1711.39	0.51	1709.26	3.5	1739.98	5.1	1711.20	2.7	1708.56	0.61	1717.23	1.9	1713.45	1.5	1717.21	0.69	1719.20	1.5	1710.23
12/09/24	0.19	1711.39	0.51	1709.31	3.5	1739.93	5.1	1711.20	2.7	1708.57	0.61	1717.17	1.9	1713.53	1.5	1717.17	0.69	1719.16	1.5	1710.23
12/10/24	0.19	1711.39	0.51	1709.28	3.5	1739.88	5.1	1711.20	2.7	1708.55	0.60	1717.17	1.8	1713.61	1.5	1717.15	0.68	1719.03	1.5	1710.22
12/11/24	0.19	1711.39	0.51	1709.23	3.5	1739.94	5.1	1711.20	2.7	1708.56	0.61	1717.08	1.8	1713.67	1.4	1717.45	0.69	1719.07	1.5	1710.22
12/12/24	0.19	1711.39	0.51	1709.24	3.5	1739.98	5.1	1711.20	2.7	1708.57	0.60	1717.11	1.8	1713.74	1.4	1717.53	0.69	1719.20	1.5	1710.24
12/13/24	0.19	1711.39	0.51	1709.31	3.5	1739.94	5.1	1711.20	2.7	1708.57	0.60	1717.06	1.8	1713.81	1.4	1717.56	0.69	1719.03	1.5	1710.24
12/14/24	0.19	1711.39	0.51	1709.24	3.5	1739.94	5.1	1711.20	2.7	1708.57	0.60	1717.04	1.7	1713.87	1.4	1717.57	0.70	1718.80	1.5	1710.24
12/15/24	0.19	1711.39	0.50	1709.30	3.5	1739.99	5.1	1711.20	2.7	1708.59	0.62	1716.82	1.7	1713.92	1.4	1717.54	0.72	1718.53	1.5	1710.22
12/16/24	0.19	1711.39	0.50	1709.25	3.5	1739.92	5.1	1711.20	2.7	1708.56	0.64	1716.70	1.7	1713.95	1.4	1717.48	0.71	1718.50	1.5	1710.23
12/17/24	0.19	1711.39	0.50	1709.28	3.5	1739.98	5.1	1711.20	2.7	1708.57	0.64	1716.71	1.7	1713.98	1.4	1717.48	0.69	1718.67	1.5	1710.22
12/18/24	0.19	1711.39	0.50	1709.26	3.5	1740.00	5.1	1711.20	2.7	1708.57	0.63	1716.74	1.7	1714.01	1.4	1717.47	0.69	1718.64	1.5	1710.21
12/19/24	0.19	1711.39	0.50	1709.26	3.5	1740.00	5.1	1711.20	2.7	1708.57	0.63	1716.78	1.7	1714.03	1.3	1717.49	0.69	1718.59	1.5	1710.20
12/20/24	0.19	1711.39	0.50	1709.28	3.5	1740.00	5.1	1711.20	2.7	1708.56	0.63	1716.82	1.6	1714.05	1.3	1717.48	0.71	1718.31	1.5	1710.21
12/21/24	0.19	1711.39	0.50	1709.27	3.4	1740.00	5.0	1711.20	2.7	1708.56	0.63	1716.82	1.6	1714.11	1.4	1717.46	0.72	1718.18	1.5	1710.23
12/22/24	0.19	1711.39	0.50	1709.26	3.5	1740.00	5.0	1711.19	2.7	1708.56	0.62	1716.89	1.6	1714.17	1.4	1717.46	0.72	1718.20	1.5	1710.22
12/23/24	0.19	1711.39	0.50	1709.28	3.5	1740.00	5.0	1711.19	2.7	1708.56	0.61	1716.96	1.6	1714.18	1.3	1717.45	0.71	1718.18	1.5	1710.22
12/24/24	0.19	1711.39	0.50	1709.23	3.5	1740.00	5.0	1711.19	2.7	1708.57	0.61	1716.99	1.6	1714.24	1.3	1717.48	0.71	1718.31	1.5	1710.25
12/25/24	0.19	1711.39	0.50	1709.30	3.5	1739.85	5.0	1711.20	2.7	1708.57	0.62	1716.96	1.6	1714.28	1.3	1717.49	0.71	1718.28	1.5	1710.23
12/26/24	0.19	1711.39	0.50	1709.26	3.5	1739.86	5.0	1711.20	2.7	1708.58	0.62	1716.97	1.6	1714.31	1.3	1717.51	0.71	1718.12	1.5	1710.24
12/27/24	0.19	1711.39	0.50	1709.27	3.5	1740.00	5.0	1711.20	2.7	1708.57	0.61	1717.05	1.5	1714.33	1.3	1717.52	0.70	1718.29	1.5	1710.22
12/28/24	0.18	1711.39	0.50	1709.29	3.5	1740.00	5.0	1711.20	2.7	1708.58	0.62	1717.03	1.5	1714.37	1.3	1717.59	0.70	1718.15	1.5	1710.20
12/29/24	0.19	1711.39	0.50	1709.24	3.5	1739.94	5.0	1711.20	2.7	1708.57	0.62	1717.02	1.5	1714.45	1.3	1717.66	0.70	1718.14	1.5	1710.24
12/30/24	0.18	1711.39	0.50	1709.29	3.5	1739.93	5.0	1711.20	2.7	1708.57	0.62	1717.06	1.5	1714.47	1.3	1717.71	0.71	1717.93	1.5	1710.23
12/31/24	0.18	1711.39	0.50	1709.29	3.5	1739.96	5.0	1711.19	2.7	1708.56	0.62	1717.08	1.5	1714.50	1.3	1717.72	0.71	1717.86	1.5	1710.22
Monthly Average	0.19	1711.39	0.51	1709.27	3.5	1739.92	5.1	1711.22	2.7	1708.57	0.62	1717.16	1.7	1714.01	1.4	1717.62	0.70	1718.68	1.5	1710.23
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	720	12/11/2024	560	12/11/2024	320	12/11/2024	140	12/11/2024	180	12/11/2024	190	12/10/2024	410	12/10/2024	360	12/10/2024	490	12/11/2024	510	12/11/2024
Hexavalent Chromium	15	12/11/2024	12	12/11/2024	6.3	12/26/2024	2.9	12/11/2024	2.3	12/11/2024	1.1	12/10/2024	4.6	12/10/2024	6.2	12/10/2024	11	12/11/2024	11	12/11/2024
Total Chromium	16	12/11/2024	12	12/11/2024	6.1	12/11/2024	3.2	12/11/2024	2.2	12/11/2024	1.3 B	12/10/2024	4.6 B	12/10/2024	8.3 B	12/10/2024	11	12/11/2024	12	12/11/2024

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 B = Compound was found in the blank and sample.
 1: Analytical results are reported from Eurofins TestAmerica.
 5: On 12/04, I-M, I-N, I-S, and I-Y adjusted to meet flow targets as described by the Trust.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	I-Q		I-R		I-S		I-T		I-U		I-V		I-W		I-X		I-Y		I-Z	
	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
12/01/24	0.35	1714.53	1.5	1717.12	1.1	1716.89	0.63	1707.59	0.69	1707.64	4.0	1712.72	0.43	1712.63	2.6	1707.43	0.23	1719.56	7.1	1710.27
12/02/24	0.35	1714.53	1.5	1716.92	1.2	1716.50	0.63	1707.57	0.68	1707.61	4.0	1711.99	0.48	1710.18	2.7	1705.53	0.24	1719.44	7.2	1710.17
12/03/24	0.35	1714.53	1.4	1717.21	1.2	1716.52	0.63	1707.55	0.68	1707.56	4.0	1710.44	0.49	1710.00	2.7	1705.57	0.25	1719.39	7.2	1710.00
12/04/24	0.35	1714.53	1.4	1716.76	1.5	1712.20	0.63	1707.55	0.68	1707.56	4.0	1710.05	0.49	1710.00	2.7	1704.85	0.90	1715.66	7.2	1710.00
12/05/24	0.35	1714.53	1.3	1717.21	1.5	1710.46	0.63	1707.55	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.7	1703.42	1.00	1714.77	7.1	1710.00
12/06/24	0.35	1714.53	1.3	1717.26	1.5	1710.03	0.63	1707.55	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.7	1703.03	0.99	1714.78	7.1	< 1710.00
12/07/24	0.35	1714.53	1.1	1718.88	1.5	1710.10	0.62	1707.55	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.6	1703.31	0.97	1714.95	7.1	1710.00
12/08/24	0.35	1714.53	1.1	1719.02	1.5	< 1710.00	0.63	1707.54	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.6	1703.61	0.98	1714.87	7.1	< 1710.00
12/09/24	0.34	1714.53	1.2	1717.44	1.4	1710.67	0.62	1707.54	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.6	1703.49	0.97	1714.85	7.1	1710.00
12/10/24	0.34	1714.53	1.3	1716.19	1.4	1710.98	0.62	1707.54	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.6	1703.65	0.97	1714.60	7.1	1710.00
12/11/24	0.34	1714.53	1.3	1716.17	1.4	1710.88	0.62	1707.53	0.68	1707.56	4.0	< 1710.00	0.48	< 1710.00	2.6	1704.15	0.95	1714.62	7.1	1710.01
12/12/24	0.35	1714.53	1.2	1716.88	1.4	1710.79	0.63	1707.53	0.68	1707.56	4.0	< 1710.00	0.48	1710.00	2.6	1704.16	0.95	1714.61	7.1	1710.00
12/13/24	0.34	1714.53	1.3	1716.33	1.4	1710.74	0.62	1707.53	0.68	1707.56	4.0	< 1710.00	0.47	1710.00	2.6	1704.51	0.95	1714.54	7.0	1710.00
12/14/24	0.34	1714.53	1.2	1716.73	1.4	1710.67	0.62	1707.53	0.68	1707.56	4.0	< 1710.00	0.47	1710.00	2.6	1704.79	0.95	1714.47	7.1	1710.00
12/15/24	0.34	1714.53	1.2	1716.80	1.4	1710.54	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.6	1704.52	0.96	1714.26	7.0	1710.00
12/16/24	0.34	1714.53	1.2	1717.35	1.4	1710.49	0.62	1707.53	0.68	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1704.81	0.95	1714.45	7.1	1710.00
12/17/24	0.34	1714.53	1.2	1717.20	1.4	1710.43	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1705.05	0.93	1714.73	9.4	1710.00
12/18/24	0.34	1714.53	1.2	1716.97	1.4	1710.32	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1705.06	0.93	1714.83	10	1710.00
12/19/24	0.34	1714.53	1.1	1718.69	1.4	1710.31	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1705.03	0.93	1714.96	10	1710.00
12/20/24	0.34	1714.53	1.1	1718.70	1.4	1710.43	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1706.46	0.93	1714.99	10	1710.00
12/21/24	0.34	1714.53	1.1	1718.79	1.3	1710.81	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1706.88	0.92	1715.08	10	1710.00
12/22/24	0.34	1714.53	1.1	1718.83	1.3	1711.12	0.62	1707.53	0.67	1707.56	3.9	< 1710.00	0.46	1710.00	2.5	1707.12	0.92	1715.11	10	1710.00
12/23/24	0.34	1714.53	1.1	1718.84	1.3	1711.35	0.62	1707.53	0.67	1707.55	3.9	< 1710.00	0.46	1710.00	2.5	1706.89	0.92	1715.08	10	1710.00
12/24/24	0.34	1714.53	1.1	1718.91	1.3	1711.41	0.62	1707.53	0.67	1707.55	3.9	< 1710.00	0.46	1710.00	2.5	1706.97	0.94	1714.94	10	1710.00
12/25/24	0.34	1714.53	1.1	1718.87	1.3	1711.57	0.62	1707.53	0.67	1707.54	3.9	< 1710.00	0.46	1710.00	2.5	1707.18	0.94	1714.95	10	1710.00
12/26/24	0.34	1714.53	1.1	1718.85	1.3	1711.73	0.62	1707.53	0.67	1707.54	3.9	< 1710.00	0.46	1710.00	2.5	1707.57	0.91	1715.18	10	1710.00
12/27/24	0.34	1714.53	1.1	1718.85	1.2	1712.43	0.62	1707.53	0.67	1707.54	3.9	< 1710.00	0.46	1710.00	2.4	1708.14	0.91	1715.26	10	1710.03
12/28/24	0.34	1714.53	1.1	1718.86	1.2	1712.46	0.62	1707.53	0.67	1707.54	3.9	< 1710.00	0.46	1710.00	2.4	1708.13	0.91	1715.28	10	1710.04
12/29/24	0.34	1714.53	1.1	1718.99	1.2	1712.54	0.62	1707.53	0.67	1707.54	3.9	< 1710.00	0.46	1710.00	2.4	1709.41	0.91	1715.30	10	1710.05
12/30/24	0.34	1714.53	1.1	1718.97	1.2	1712.69	0.62	1707.53	0.67	1707.54	3.9	1710.00	0.46	1710.00	2.4	1710.27	0.90	1715.38	10	1710.05
12/31/24	0.34	1714.53	1.1	1718.99	1.2	1713.06	0.62	1707.53	0.67	1707.54	3.9	1710.00	0.46	1710.00	2.4	1710.35	0.90	1715.44	10	1710.05
Monthly Average	0.34	1714.53	1.19	1717.86	1.3	1711.65	0.62	1707.54	0.68	1707.56	3.9	1710.17	0.47	1710.09	2.5	1705.85	0.87	1715.37	8.5	1710.02
Analytical ¹	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	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	490	12/11/2024	440	12/10/2024	250	12/10/2024	640	12/11/2024	660	12/11/2024	460	12/11/2024	500	12/11/2024	440	12/10/2024	210	12/10/2024	140	12/11/2024
Hexavalent Chromium	13	12/11/2024	0.86	12/10/2024	1.4	12/10/2024	14	12/11/2024	13	12/11/2024	8.3	12/11/2024	11	12/11/2024	8.6	12/10/2024	1.2	12/10/2024	4.2	12/11/2024
Total Chromium	14	12/11/2024	0.96 B	12/10/2024	1.4 B	12/10/2024	13	12/11/2024	14	12/11/2024	8.5	12/11/2024	11 B	12/11/2024	11 B	12/10/2024	1.2 B	12/10/2024	4.0	12/11/2024

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.
 5: On 12/04, I-M, I-N, I-S, and I-Y adjusted to meet flow targets as described by the Trust.
 6: Duplicates taken on 12/11 of well I-Q; average of both values are presented and used for calculations.

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 (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 ³ (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)
12/01/24	838	40				0.18				905		48				
12/02/24	851	29				0.15				911		46				
12/03/24	846	48	0.94	ND	340	5.8	0.065	0.062	31	952		54	77		0.098	0.043
12/04/24	846	50				0.15				908		54				
12/05/24	851	60				0.14				919		50				
12/06/24	858	60				0.13				927		54		9.6		
12/07/24	856	51				0.14				923	44	51				
12/08/24	851	57				0.17				911		52				
12/09/24	852	57				0.19				909		53				
12/10/24	857	56	5.2	ND	320	0.21				913		54		10	0.12 B	0.050
12/11/24	861	56				0.23				916		54				
12/12/24	844	44				0.25				887		52				
12/13/24	835	48				0.20				895		54				
12/14/24	837	60				0.18				905	45	53				
12/15/24	830	60				0.15				889		54				
12/16/24	804	60				0.21				888		55				
12/17/24	802	60	0.71	ND Q	370	0.17				875		55		9.8	0.12	0.053 Q
12/18/24	787	65				0.13				896		55				
12/19/24	772	55				0.14				875		53				
12/20/24	723	60				0.14				882		53				
12/21/24	831	49				0.15				905	45	55				
12/22/24	829	60				0.11				949		52				
12/23/24	831	60				0.14				939		53				
12/24/24	833	60				0.15				955		52				
12/25/24	839	60				0.12				899		53				
12/26/24	842	60	0.47 ^2	ND	320	0.16				922		54		9.5	0.088	0.042
12/27/24	840	60				0.16				905		54				
12/28/24	840	60				0.18				929	52	53				
12/29/24	846	60				0.17				907		53				
12/30/24	841	60	0.65	ND	310	0.15				902		53		9.6	0.10	0.053
12/31/24	843	60				0.17				903		53				
Monthly Average ²	833	56	1.6	ND	336	0.34	0.065	0.062	31	910	46	53	77	9.6	0.11	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.
 ^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 12/21, FBR offline 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)
12/01/24	836	6.7	-408	722	4.4	-336	933		ND					23
12/02/24	852	6.7	-402	952	6.7	-340	926		ND					34
12/03/24	847	6.7	-401	921	6.6	-341	936		ND	ND D	0.017	ND		28
12/04/24	855	6.7	-383	931	6.6	-346	932		ND					8
12/05/24	795	6.7	-395	1377	6.7	-351	922		ND					3.0
12/06/24	847	6.7	-381	925	6.7	-341	945		ND				ND	11
12/07/24	840	6.7	-450	686	6.6	-335	912	ND	ND					10
12/08/24	853	6.6	-428	920	6.6	-337	927		ND					17
12/09/24	822	6.6	-412	837	6.7	-347	924		ND					10
12/10/24	780	6.6	-421	875	6.6	-341	927		ND		0.014 B	ND	ND	11
12/11/24	848	6.5	-381	850	6.5	-329	854		ND					18
12/12/24	810	6.6	-412	580	6.6	-333	779		ND					6.0
12/13/24	808	6.7	-428	875	6.7	-335	912		ND					17
12/14/24	818	6.7	-426	623	6.5	-362	904	ND D	ND					8
12/15/24	814	6.8	-434	919	6.6	-342	907		ND					17
12/16/24	793	6.7	-399	660	6.6	-341	889		ND					11
12/17/24	789	6.5	-384	921	6.5	-337	858		ND		0.019	ND Q	0.018 J	12
12/18/24	806	6.8	-213	750	6.6	-343	871		ND					8.0
12/19/24	806	6.8	-430	899	6.6	-344	882		ND					11
12/20/24	816	6.8	-439	872	6.7	-348	878		ND					8.0
12/21/24	837	6.7	-369	765	6.6	-343	753	ND D	ND					22
12/22/24	838	6.8	-407	771	6.6	-344	943		ND					10
12/23/24	866	7.0	-258	897	6.8	-347	929		ND					12
12/24/24	819	6.8	-244	658	6.7	-336	894		ND					15
12/25/24	808	6.8	-320	897	6.8	-338	901		ND					15
12/26/24	818	6.7	-394	901	6.7	-339	929		ND		0.026	ND	0.018 J	18
12/27/24	846	6.7	-371	916	6.7	-336	915		ND					28
12/28/24	904	6.7	-390	911	6.4	-332	932	ND	ND					19
12/29/24	1058	6.8	-433	927	6.8	-341	913		ND					21
12/30/24	1055	6.7	-436	702	6.4	-321	907		ND		0.012	0.00034 J	0.017 J	27
12/31/24	1056	6.6	-436	663	6.5	-328	912		ND					11
Monthly Average ²	850	6.7	-391	842	6.6	-340	902	ND	ND	ND	0.018	0.000044	0.010	15

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)
12/15/24	30.4	36.2
12/31/24	30.3	36.3

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
12/06/24	1.6	160	404	6.1
12/20/24	1.0	247	609	13

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)		
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
Jun 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
Dec 2024	910	46	9.6	77	329	349

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

Table 7 - AP Area Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	E1-1		E1-2		E1-3		E2-1		E2-2		E2-3		E2-4		E2-5	
	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ² (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
12/01/24	2.2	1712.26	0.55	1708.51	0.47	1711.38	0.61	1713.40	0.90	1714.52	0.97	1717.84	1.1	1716.61	0.28	1716.60
12/02/24	2.4	1710.99	0.59	1709.78	0.53	1710.64	0.65	1712.84	1.0	1715.70	1.0	1718.19	1.2	1718.65	0.31	1714.88
12/03/24	2.4	1710.97	0.59	1709.78	0.50	1710.64	0.65	1719.06	0.98	1715.73	1.1	1720.11	1.2	1718.63	0.32	1715.24
12/04/24	2.4	1710.80	0.59	1710.21	0.53	1710.77	0.74	1718.37	0.97	1715.62	1.2	1719.91	1.1	1719.36	0.30	1715.27
12/05/24	2.4	1710.31	0.61	1709.81	0.53	1711.12	0.67	1718.82	1.00	1715.97	1.2	1719.80	1.1	1718.65	0.26	1715.97
12/06/24	2.3	1711.13	0.58	1709.56	0.51	1710.62	0.58	1717.92	0.95	1715.67	1.1	1719.85	1.0	1719.31	0.23	1716.08
12/07/24	2.3	1711.03	0.59	1709.73	0.52	1710.22	0.66	1717.22	0.92	1716.02	1.2	1718.86	1.4	1718.01	0.19	1715.98
12/08/24	2.3	1710.27	0.59	1709.78	0.54	1710.90	0.60	1717.46	1.00	1714.26	1.5	1714.83	1.4	1715.63	0.20	1716.62
12/09/24	2.3	1710.25	0.58	1709.76	0.51	1710.64	0.58	1718.80	0.96	1715.66	1.4	1715.81	1.4	1715.93	0.16	1716.34
12/10/24	2.3	1710.35	0.58	1709.78	0.50	1711.32	0.71	1717.04	0.96	1715.38	1.4	1716.19	1.4	1715.93	0.15	1717.27
12/11/24	2.3	1710.27	0.57	1709.76	0.49	1711.91	0.68	1717.58	0.93	1715.92	1.3	1716.61	1.4	1716.15	0.14	1717.07
12/12/24	2.3	1710.33	0.57	1709.96	0.53	1712.52	0.67	1718.12	0.92	1716.02	1.3	1716.55	1.4	1716.85	0.082	1718.12
12/13/24	2.3	1710.23	0.55	1709.86	0.54	1711.52	0.89	1712.02	0.91	1716.32	1.2	1716.75	1.3	1716.72	0.089	1717.21
12/14/24	2.3	1710.82	0.55	1710.36	0.50	1711.02	0.85	1714.22	0.91	1716.32	1.1	1715.45	1.3	1716.01	0.15	1717.22
12/15/24	2.3	1710.32	0.55	1710.18	0.51	1711.45	0.85	1715.04	0.92	1715.57	1.5	1716.27	1.4	1716.33	0.19	1717.12
12/16/24	2.3	1710.72	0.51	1710.42	0.51	1711.80	0.80	1715.15	0.91	1715.45	1.2	1715.91	1.3	1716.00	0.17	1716.96
12/17/24	2.3	1710.08	0.01	1709.46	0.52	1711.12	0.79	1715.42	0.91	1716.02	1.2	1716.55	1.3	1716.51	0.09	1718.02
12/18/24	2.3	1709.77	0.56	1709.76	0.42	1712.32	0.81	1715.72	0.91	1715.52	1.2	1716.55	1.3	1716.11	0.19	1717.22
12/19/24	2.3	1710.23	0.45	1709.86	0.37	1710.32	0.79	1715.82	0.92	1715.62	1.2	1716.79	1.3	1716.21	0.21	1717.22
12/20/24	2.3	1709.83	0.56	1709.66	0.33	1710.82	0.78	1716.22	0.93	1715.92	1.3	1717.35	1.3	1716.31	0.23	1717.22
12/21/24	2.3	1710.23	0.46	1710.06	0.38	1710.42	0.78	1715.92	0.93	1715.22	1.2	1716.85	1.3	1716.11	0.26	1717.42
12/22/24	2.3	1710.55	0.21	1710.32	0.56	1711.40	0.77	1716.25	0.93	1715.45	1.2	1716.93	1.3	1716.19	0.26	1717.30
12/23/24	2.3	1710.03	0.52	1710.18	0.56	1710.31	0.77	1715.90	0.93	1715.98	1.3	1717.21	1.3	1716.40	0.25	1717.80
12/24/24	2.3	1710.51	0.54	1709.75	0.55	1710.34	0.75	1716.00	0.91	1715.78	1.2	1717.24	1.3	1716.37	0.25	1716.48
12/25/24	2.3	1710.15	0.56	1709.51	0.56	1710.72	0.75	1715.46	0.94	1715.42	1.2	1717.15	1.3	1716.07	0.23	1715.32
12/26/24	2.3	1710.26	0.55	1709.81	0.55	1710.51	0.75	1715.88	0.93	1715.94	1.2	1716.94	1.3	1715.80	0.27	1715.60
12/27/24	2.3	1710.57	0.55	1709.63	0.56	1710.26	0.75	1715.79	0.94	1715.36	1.2	1716.66	1.3	1715.72	0.24	1715.73
12/28/24	2.3	1711.21	0.54	1710.54	0.57	1710.41	0.77	1715.60	0.30	1714.45	1.2	1716.39	1.3	1715.27	0.27	1715.44
12/29/24	2.3	1710.65	0.58	1710.34	0.43	1710.45	0.75	1715.14	0.78	1714.31	1.2	1716.84	1.3	1716.00	0.25	1716.41
12/30/24	2.3	1710.12	0.56	1710.25	0.59	1710.51	0.75	1715.50	0.78	1715.52	1.2	1717.21	1.3	1715.50	0.29	1716.01
12/31/24	2.2	1710.35	0.55	1709.76	0.54	1710.62	0.75	1716.37	0.77	1717.64	1.2	1717.81	1.3	1715.60	0.28	1714.51
Monthly Average	2.3	1710.50	0.53	1709.88	0.51	1710.94	0.73	1716.13	0.90	1715.62	1.2	1717.21	1.3	1716.61	0.22	1716.50
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc ² (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	370	12/4/2024	660	12/4/2024	300	12/4/2024	52	12/4/2024	320	12/4/2024	740	12/4/2024	800	12/4/2024	780	12/4/2024
Hexavalent Chromium	0.12	12/4/2024	0.72	12/4/2024	0.69	12/4/2024	0.026	12/4/2024	0.027	12/4/2024	0.11	12/4/2024	0.10	12/4/2024	0.20	12/4/2024
Total Chromium	0.12	12/4/2024	0.73	12/4/2024	0.73	12/4/2024	0.029	12/4/2024	0.030	12/4/2024	0.12	12/4/2024	0.10	12/4/2024	0.20	12/4/2024

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: On 12/29, E1-3 offline briefly due to maintenance.
 3: Duplicates taken on 12/04 of well E2-2; average of both values are presented and used for calculations.

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

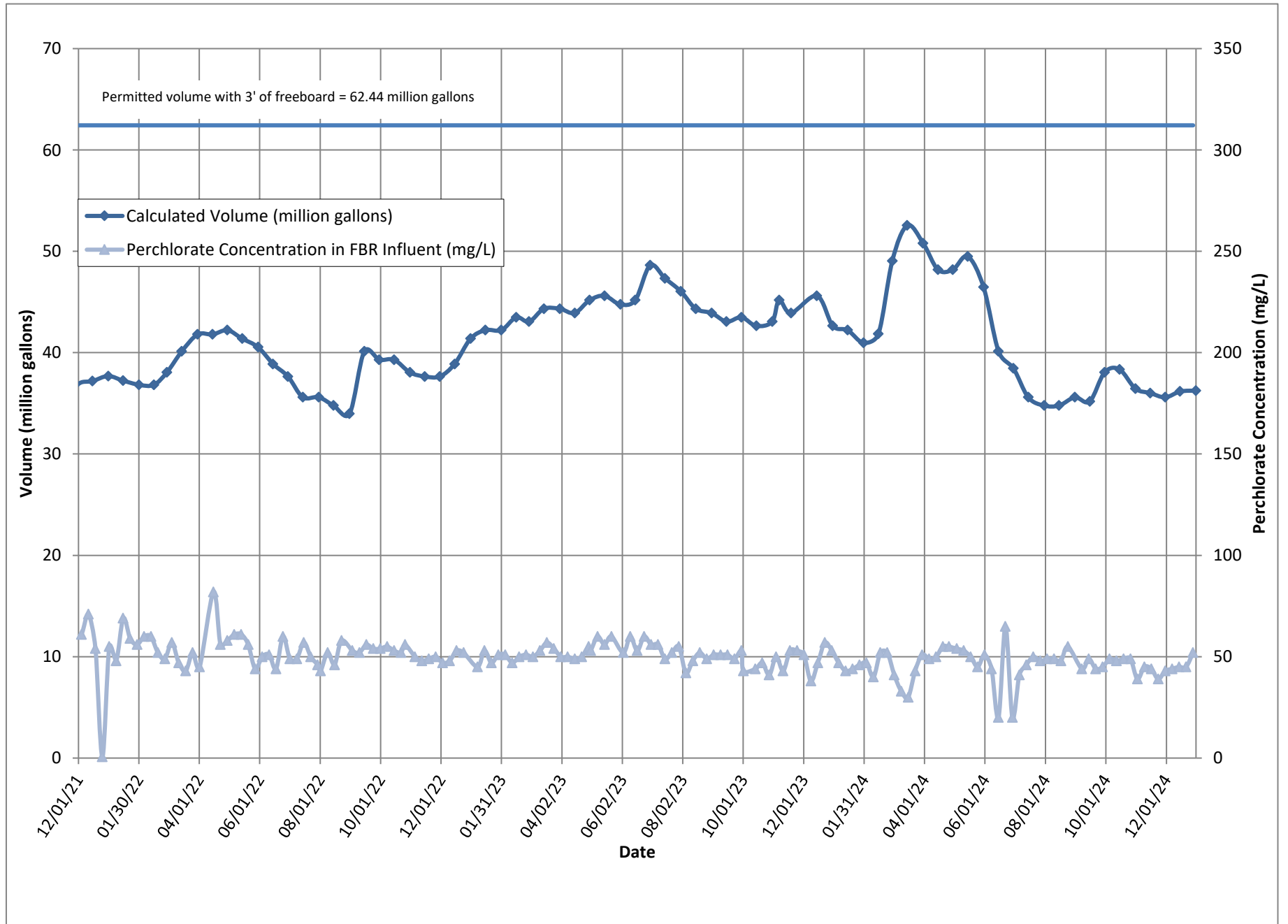


Figure 2 - FBR Equivalent Loading Calculation

