

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 ³ (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)
08/01/24	521	159	1538.70	66	1520.26	126	1544.62	108	1533.43	62	1546.91	115	1547.26	49	1549.04	20	1550.10	7.6	1520.04
08/02/24	521	159	1538.70	65	1520.24	126	1544.61	108	1533.37	62	1546.89	115	1547.24	49	1549.02	20	1550.08	7.7	1520.01
08/03/24	520	159	1538.65	64	1520.23	127	1544.60	108	1533.31	62	1546.88	115	1547.23	49	1549.01	20	1550.07	7.7	1520.01
08/04/24	518	159	1538.59	62	1520.23	127	1544.57	108	1533.28	62	1546.86	115	1547.21	49	1548.99	20	1550.05	7.7	1520.01
08/05/24	517	159	1538.54	61	1520.22	126	1544.55	108	1533.24	62	1546.84	115	1547.19	49	1548.96	20	1550.03	7.7	1520.01
08/06/24	512	159	1538.51	56	1520.22	127	1544.53	108	1533.21	62	1546.82	115	1547.17	49	1548.95	20	1550.01	7.8	1520.01
08/07/24	520	159	1538.48	64	1520.21	126	1544.51	108	1533.18	62	1546.80	115	1547.15	49	1548.93	20	1549.99	7.5	1520.01
08/08/24	520	159	1538.45	64	1520.22	126	1544.49	108	1533.16	62	1546.79	115	1547.13	49	1548.91	20	1549.98	7.6	1520.01
08/09/24	518	159	1538.43	62	1520.22	126	1544.48	108	1533.14	62	1546.78	115	1547.12	49	1548.90	20	1549.97	7.6	1520.01
08/10/24	517	159	1538.41	61	1520.22	126	1544.47	108	1533.12	62	1546.76	115	1547.11	49	1548.89	20	1549.96	7.6	1520.01
08/11/24	520	159	1538.39	64	1520.22	126	1544.45	108	1533.10	62	1546.75	115	1547.10	49	1548.88	20	1549.94	7.6	1520.01
08/12/24	520	159	1538.37	65	1520.22	126	1544.44	108	1533.08	62	1546.73	115	1547.09	49	1548.87	20	1549.94	7.7	1520.01
08/13/24	521	159	1538.34	65	1520.21	126	1544.42	108	1533.06	62	1546.72	115	1547.07	49	1548.86	20	1549.93	7.6	1520.01
08/14/24	521	159	1538.33	65	1520.21	126	1544.41	108	1533.05	62	1546.71	115	1547.06	49	1548.85	20	1549.92	7.6	1520.01
08/15/24	518	159	1538.32	63	1520.21	126	1544.41	108	1533.04	62	1546.71	115	1547.06	49	1548.85	20	1549.92	7.5	1520.01
08/16/24	515	159	1538.32	60	1520.21	126	1544.42	108	1533.04	62	1546.71	115	1547.07	49	1548.86	20	1549.93	7.6	1520.01
08/17/24	517	159	1538.31	62	1520.22	126	1544.43	108	1533.03	62	1546.71	115	1547.08	49	1548.87	20	1549.94	7.6	1520.01
08/18/24	517	159	1538.33	62	1520.21	126	1544.45	108	1533.05	62	1546.73	115	1547.11	49	1548.90	20	1549.98	7.6	1520.01
08/19/24	516	159	1538.38	60	1520.21	126	1544.51	108	1533.08	62	1546.77	115	1547.17	49	1548.97	20	1550.04	7.6	1520.01
08/20/24 ²	484	150	1538.98	55	1521.80	119	1544.89	101	1533.99	59	1547.02	108	1547.42	46	1549.18	19	1550.21	7.3	1521.95
08/21/24 ²	347	116	1541.48	14	1542.71	93	1546.46	79	1537.64	46	1547.95	83	1548.37	35	1549.98	16	1550.75	7.3	1529.87
08/22/24	486	156	1539.31	41	1531.34	124	1545.26	105	1534.15	61	1547.20	112	1547.73	47	1549.49	19	1550.51	8.7	1520.77
08/23/24	525	159	1538.94	68	1520.21	127	1545.05	108	1533.71	62	1547.06	115	1547.62	49	1549.41	20	1550.47	8.3	1520.01
08/24/24	524	159	1538.90	68	1520.21	127	1545.04	108	1533.66	62	1547.06	115	1547.62	49	1549.42	20	1550.48	8.1	1520.01
08/25/24	524	159	1538.91	68	1520.21	127	1545.05	108	1533.65	62	1547.07	115	1547.64	49	1549.44	20	1550.51	8.1	1520.01
08/26/24	524	159	1538.95	68	1520.22	127	1545.07	108	1533.66	62	1547.08	115	1547.66	49	1549.46	20	1550.54	8.2	1520.01
08/27/24	522	159	1538.97	65	1520.22	127	1545.09	108	1533.67	62	1547.10	115	1547.69	49	1549.49	20	1550.56	8.1	1520.01
08/28/24	520	159	1538.97	64	1520.22	127	1545.10	108	1533.68	62	1547.10	115	1547.70	49	1549.51	20	1550.58	8.1	1520.01
08/29/24	522	159	1538.97	65	1520.22	127	1545.11	108	1533.68	62	1547.10	115	1547.71	49	1549.51	20	1550.59	8.1	1520.01
08/30/24	525	159	1538.97	68	1520.22	127	1545.12	108	1533.68	62	1547.10	115	1547.72	49	1549.52	20	1550.60	8.1	1520.01
08/31/24	525	159	1538.97	69	1520.22	127	1545.12	108	1533.68	62	1547.10	115	1547.72	49	1549.53	20	1550.60	8.1	1520.01
Monthly Average	512	158	1538.74	61	1521.35	125	1544.76	107	1533.51	61	1546.93	114	1547.36	48	1549.14	20	1550.20	7.8	1520.42
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	8/19/2024	17	8/19/2024	7.9	8/19/2024	10	8/19/2024	2.9	8/19/2024	0.52	8/19/2024	0.035	8/19/2024	0.032	8/19/2024	1.5	8/19/2024
Hexavalent Chromium		0.0064	8/19/2024	0.00044 J	8/19/2024	ND	8/19/2024	0.0091	8/19/2024	ND	8/19/2024	ND	8/19/2024	ND	8/19/2024	ND	8/19/2024	ND	8/19/2024
Total Chromium		0.0070 J	8/19/2024	ND	8/19/2024	ND	8/19/2024	0.0093 J	8/19/2024	ND	8/19/2024	ND	8/19/2024	ND	8/19/2024	ND	8/19/2024	ND	8/19/2024

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).
 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: From 08/20-08/21, SWF intermittently offline due to maintenance.
 3: Duplicates taken on 08/19 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 ³ (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 ⁴ (gpm)	Water Elevation (ft amsl)
08/01/24	368	27	1576.08	127	1586.70	26	1585.73	3.9	1581.85	45	1576.79	28	1580.43	132	1579.79	3.0	1579.97
08/02/24	372	28	1575.67	130	1586.59	27	1585.62	4.0	1581.71	46	1576.54	29	1580.30	136	1579.69	3.0	1579.84
08/03/24	368	28	1575.67	129	1586.57	27	1585.61	4.0	1581.69	46	1576.49	29	1580.14	136	1579.68	3.0	1579.84
08/04/24	368	28	1575.67	129	1586.56	27	1585.60	4.0	1581.67	46	1576.49	29	1580.08	135	1579.67	3.0	1579.83
08/05/24	368	28	1575.68	129	1586.54	27	1585.59	4.0	1581.65	46	1576.49	29	1580.08	135	1579.66	3.0	1579.82
08/06/24	384	28	1575.67	129	1586.54	27	1585.59	4.0	1581.65	47	1576.41	28	1580.05	135	1579.66	3.0	1579.80
08/07/24	349	28	1575.71	130	1586.53	27	1585.58	4.0	1581.63	47	1576.40	29	1580.05	135	1579.65	3.0	1579.86
08/08/24	377	28	1575.69	130	1586.52	27	1585.57	4.0	1581.62	45	1576.52	29	1580.01	135	1579.64	3.0	1579.82
08/09/24	366	28	1575.68	129	1586.52	27	1585.57	4.0	1581.61	46	1576.46	29	1580.03	135	1579.64	3.0	1579.78
08/10/24	366	28	1575.68	130	1586.51	27	1585.56	4.0	1581.60	45	1576.48	29	1580.02	134	1579.64	3.0	1579.77
08/11/24	366	27	1575.67	130	1586.50	27	1585.56	4.0	1581.59	45	1576.46	29	1580.04	135	1579.63	3.0	1579.76
08/12/24	364	28	1575.67	129	1586.50	27	1585.56	4.0	1581.59	45	1576.45	29	1580.00	135	1579.63	3.0	1579.66
08/13/24	348	27	1575.67	130	1586.49	27	1585.55	4.0	1581.58	45	1576.50	28	1579.98	135	1579.62	3.0	1579.78
08/14/24	362	27	1575.68	129	1586.49	27	1585.55	4.0	1581.57	45	1576.48	29	1580.05	134	1579.62	3.0	1579.74
08/15/24	365	27	1575.67	129	1586.50	27	1585.56	4.0	1581.57	46	1576.46	29	1580.05	134	1579.63	3.0	1579.72
08/16/24	365	27	1575.67	129	1586.52	27	1585.57	4.0	1581.58	45	1576.46	29	1580.05	134	1579.64	3.0	1579.74
08/17/24	366	27	1575.68	130	1586.53	27	1585.58	4.0	1581.59	46	1576.48	29	1580.05	135	1579.66	3.0	1579.76
08/18/24	366	27	1575.67	130	1586.54	27	1585.58	4.0	1581.59	46	1576.46	29	1580.15	135	1579.66	3.0	1579.75
08/19/24	366	27	1575.67	129	1586.56	27	1585.60	4.0	1581.60	46	1576.47	29	1580.19	134	1579.68	3.0	1579.74
08/20/24	366	27	1575.67	129	1586.59	27	1585.62	4.0	1581.62	46	1576.47	29	1580.21	134	1579.70	2.5	1579.75
08/21/24	366	27	1575.67	130	1586.62	27	1585.64	4.0	1581.64	46	1576.50	29	1580.24	134	1579.73	2.5	1579.76
08/22/24	367	27	1575.67	129	1586.65	27	1585.67	4.0	1581.67	47	1576.52	29	1580.24	134	1579.76	2.5	1579.77
08/23/24	367	27	1575.67	129	1586.68	27	1585.68	4.0	1581.69	47	1576.64	29	1580.27	135	1579.78	2.5	1579.78
08/24/24	367	27	1575.67	129	1586.70	27	1585.70	4.0	1581.70	47	1576.75	29	1580.42	135	1579.79	2.5	1579.79
08/25/24 ²	361	28	1575.72	129	1586.76	23	1580.48	4.0	1581.78	47	1576.71	29	1580.53	135	1579.88	2.5	1579.83
08/26/24	362	37	1582.79	129	1586.83	20	< 1575.00	4.0	1581.93	48	1576.53	29	1580.55	137	1580.00	2.5	1579.83
08/27/24	366	42	1586.98	130	1586.82	20	< 1575.00	4.0	1582.00	48	1576.54	29	1580.48	137	1580.01	2.5	1579.86
08/28/24	365	42	1587.00	129	1586.84	20	< 1575.00	4.0	1582.04	48	1576.62	29	1580.43	137	1580.03	2.5	1579.86
08/29/24	372	42	1586.99	129	1586.82	23	1579.28	4.0	1582.028	48	1576.66	29	1580.49	137	1579.97	2.5	1579.86
08/30/24	380	42	1586.87	129	1586.69	26	1585.69	4.0	1581.855	48	1576.74	29	1580.58	136	1579.79	2.5	1579.84
08/31/24	380	42	1586.82	129	1586.64	26	1585.65	4.0	1581.78	48	1576.75	29	1580.59	136	1579.75	2.5	1579.82
Monthly Average	367	30	1577.73	129	1586.61	26	1584.21	4.0	1581.70	46	1576.54	29	1580.22	135	1579.73	2.8	1579.80
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 ² (mg/L)	Date
Perchlorate		24	8/19/2024	5.8	8/19/2024	140	8/19/2024	120	8/19/2024	140	8/19/2024	75	8/19/2024	51	8/19/2024	64	8/19/2024
Hexavalent Chromium		ND	8/19/2024	0.0027	8/19/2024	0.228	v 8/19/2024	0.19	8/19/2024	0.64	8/19/2024	0.45	8/19/2024	0.050	8/19/2024	0.080	8/19/2024
Total Chromium		ND	8/19/2024	0.0049	8/19/2024	0.220	8/19/2024	0.18	8/19/2024	0.61	8/19/2024	0.43	8/19/2024	0.050	8/19/2024	0.081	8/19/2024

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 V = The sample concentration is too high to evaluate accurate spike recoveries.
 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 08/25, AWF offline briefly due to maintenance.
 3: On 08/26, ART-1 switched to ART-1A.
 4: On 08/26, Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow determined from flow tests was 3.0 from 08/01 to 08/25 and was 2.5 from 08/26 to 08/31.
 Flow used for calculation purposes and was steady throughout the month but the totalizer showed zero.
 5: Duplicates taken on 08/19 of well PC-150; average of both values are presented and used for calculations.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	I-AR		I-AA		I-AB		I-AC		I-AD		I-B		I-C		I-D		I-E		I-F	
	Flow (gpm)	Water Elevation (ft amsl)	Flow (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)
08/01/24	0.40	1720.77	0.80	1707.84	0.0	1718.62	0.0	1740.00	1.1	< 1710.00	0.41	1709.65	2.3	1707.61	1.0	1705.67	1.0	1708.40	1.7	1709.09
08/02/24	0.40	1714.69	0.81	1707.83	0.0	1718.71	0.0	1740.00	1.1	< 1710.00	0.43	1709.66	2.3	1707.61	1.0	1705.70	1.0	1708.39	1.7	1709.09
08/03/24	0.40	1714.69	0.81	1707.84	0.0	1718.78	0.0	1740.00	1.1	< 1710.00	0.42	1709.75	2.4	1707.61	1.0	1705.72	1.0	1708.40	1.7	1709.10
08/04/24	0.40	1714.69	0.81	1707.84	0.0	1718.82	0.0	1740.00	1.1	< 1710.00	0.42	1709.81	2.3	1707.61	1.0	1705.74	1.0	1708.55	1.7	1709.10
08/05/24	0.40	1714.70	0.81	1707.82	0.0	1718.85	0.0	1740.00	1.1	< 1710.00	0.44	1709.80	2.4	1707.61	1.0	1705.72	1.0	1708.68	1.7	1709.10
08/06/24	0.40	1714.70	0.81	1707.83	0.0	1718.88	0.0	1740.00	1.1	< 1710.00	0.44	1709.86	2.4	1707.66	1.0	1705.71	1.0	1708.72	1.7	1709.10
08/07/24	0.40	1714.70	0.82	1707.86	0.020	1718.48	0.0	1740.00	1.1	< 1710.00	0.46	1709.86	2.4	1707.61	1.1	1705.69	1.0	1708.66	1.7	1709.11
08/08/24	0.40	1714.70	0.82	1707.85	0.0	1718.99	0.0	1740.00	1.1	< 1710.00	0.46	1709.91	2.4	1707.61	1.1	1705.70	1.0	1708.52	1.7	1709.11
08/09/24	0.40	1714.71	0.82	1707.84	0.0	1719.02	0.0	1740.00	1.1	< 1710.00	0.47	1709.97	0.9	1716.46	1.1	1705.70	1.0	1708.47	1.7	1709.11
08/10/24	0.40	1714.71	0.82	1707.83	0.0	1719.06	0.0	1740.00	1.1	< 1710.00	0.47	1709.90	0.0	1721.08	1.1	1705.72	1.1	1708.43	1.7	1709.11
08/11/24	0.40	1714.71	0.82	1707.84	0.0	1719.10	0.0	1740.00	1.1	< 1710.00	0.47	1709.88	0.0	1720.90	1.2	1705.74	1.1	1708.46	1.7	1709.11
08/12/24 ²	0.40	1716.20	0.86	1707.92	0.0	1719.11	0.0	1740.00	0.88	1715.19	0.49	1709.74	0.0	1717.68	1.2	1705.82	1.1	1708.66	1.8	1709.22
08/13/24	0.40	1714.75	0.83	1707.91	0.0	1719.16	0.0	1740.00	0.72	1719.75	0.49	1709.59	0.0	1718.18	1.3	1705.69	1.1	1708.63	1.8	1709.13
08/14/24	0.40	1714.75	0.83	1707.87	0.0	1719.19	0.0	1740.00	0.75	1719.44	0.51	1709.61	0.0	1720.48	1.3	1705.72	1.1	1708.67	1.8	1709.13
08/15/24	0.40	1717.47	0.82	1708.09	0.0	1713.87	0.0	1740.00	0.69	1719.98	0.52	1709.78	0.0	1719.04	1.3	1705.75	1.1	1708.75	1.9	1709.16
08/16/24	0.40	1717.55	0.84	1707.84	0.0	1710.01	0.0	1740.00	0.66	1720.29	0.47	1709.58	1.4	1717.37	1.3	1705.74	1.1	1708.73	1.9	1709.14
08/17/24	0.40	1714.83	0.83	1707.83	0.0	1710.01	0.0	1740.00	0.67	1720.26	0.46	1709.62	1.9	1715.55	1.3	1705.73	1.1	1708.72	1.9	1709.13
08/18/24	0.40	1714.83	0.83	1707.81	0.0	1710.01	0.0	1740.00	0.67	1720.20	0.46	1709.63	1.9	1715.52	1.3	1705.72	1.1	1708.71	1.9	1709.14
08/19/24	0.40	1714.83	0.83	1707.85	0.0	1710.01	0.0	1740.00	0.67	1720.20	0.46	1709.61	1.8	1715.54	1.3	1705.72	1.1	1708.73	1.9	1709.15
08/20/24	0.40	1714.83	0.83	1707.82	0.0	1710.02	0.0	1740.00	0.67	1720.19	0.45	1709.60	1.9	1715.38	1.3	1705.71	1.1	1708.61	1.9	1709.17
08/21/24	0.40	1714.83	0.83	1707.81	0.0	1710.02	0.0	1740.00	0.69	1720.12	0.44	1709.59	1.8	1715.17	1.2	1705.72	1.1	1708.61	1.9	1709.17
08/22/24	0.40	1714.83	0.81	1708.22	0.0	1710.02	0.0	1740.00	0.69	1720.07	0.44	1709.62	1.9	1714.97	1.2	1705.72	1.1	1708.65	1.9	1709.07
08/23/24 ²	0.40	1719.31	0.81	1708.31	0.0	1710.02	0.0	1740.00	0.65	1720.37	0.46	1709.58	1.8	1715.45	1.2	1705.76	1.1	1708.78	2.3	1709.08
08/24/24 ²	0.06	1723.45	0.82	1708.03	0.0	1710.02	0.0	1740.00	0.62	1720.55	0.47	1709.52	1.8	1715.50	1.2	1705.71	1.2	1708.75	2.5	1709.04
08/25/24	0.13	1723.06	0.75	1709.46	0.0	1710.01	0.0	1740.00	0.63	1720.49	0.47	1709.57	1.9	1715.38	1.3	1705.71	1.2	1708.80	2.7	1708.91
08/26/24	0.40	1714.88	0.70	1710.82	0.0	1710.01	0.0	1740.00	0.64	1720.41	0.46	1709.64	1.8	1715.51	1.3	1705.72	1.2	1708.81	2.9	1708.81
08/27/24	0.40	1714.88	0.67	1711.42	0.0	1710.01	0.0	1740.00	0.65	1720.38	0.47	1709.64	1.8	1715.64	1.3	1705.72	1.2	1708.79	3.0	1708.76
08/28/24	0.40	1714.88	0.69	1710.99	0.0	1710.02	0.0	1740.00	0.65	1720.36	0.45	1709.63	1.7	1715.86	1.3	1705.70	1.2	1708.85	3.1	1709.50
08/29/24	0.35	1714.87	0.68	1711.28	0.0	1710.01	0.0	1740.00	0.65	1720.35	0.47	1709.63	1.7	1715.97	1.3	1705.70	1.2	1708.85	3.2	1711.49
08/30/24	0.35	1714.87	0.68	1711.20	0.0	1710.01	0.0	1740.00	0.67	1720.19	0.48	1709.61	1.8	1715.86	1.3	1705.70	1.2	1708.84	3.2	1713.71
08/31/24	0.35	1714.87	0.66	1711.62	0.0	1710.01	0.0	1740.00	0.68	1720.14	0.48	1709.65	2.1	1713.28	1.3	1705.70	1.2	1708.85	3.1	1715.25
Monthly Average	0.38	1715.89	0.79	1708.59	0.00070	1714.16	0.0	1740.00	0.82	1716.42	0.46	1709.69	1.6	1714.28	1.2	1705.72	1.1	1708.66	2.1	1709.52
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 ⁷ (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	280	8/7/2024	19	8/7/2024	51	8/7/2024	150	8/15/2024	150	8/15/2024	180	8/7/2024	320	8/20/2024	370	8/12/2024	350	8/12/2024	470	8/12/2024
Hexavalent Chromium	0.91	8/12/2024	0.045 J6	8/12/2024	ND	8/12/2024	1.6	8/21/2024	1.6	8/21/2024	0.34	8/12/2024	2.2	8/20/2024	4.0	8/12/2024	5.8	8/12/2024	11	8/12/2024
Total Chromium	1.0	8/7/2024	0.46	8/7/2024	0.034	8/7/2024	1.5	8/15/2024	1.6	8/15/2024	0.29	8/7/2024	2.1	8/20/2024	3.7 B	8/12/2024	4.0 B	8/12/2024	11	8/12/2024

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 B = Compound was found in the blank and sample.
 J6 = The sample matrix interfered with the ability to make any accurate determination; spike value is low.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 08/12 and from 08/23 to 08/24, IWF offline due to maintenance.
 3: On 08/01, 08/08, 08/15, 08/22, and 08/29, bucket tests were performed to determine the flow rates for I-AR and I-Q.
 4: From 08/23 to 08/25, I-AR offline due to maintenance.
 5: From 08/09 to 08/13 and on 08/23, I-C offline due to maintenance.
 6: On 08/31, I-C, I-M, I-N, I-P, I-R, and I-S adjusted to meet flow targets as described by the trust.
 7: Duplicates taken on 08/20 of well I-C; average of both values are presented and used for calculations.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	I-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 ⁸ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁹ (gpm)	Water Elevation (ft amsl)	Flow ^{6,9} (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ⁹ (gpm)	Water Elevation (ft amsl)	Flow ^{6,9} (gpm)	Water Elevation (ft amsl)
08/01/24	0.19	1710.00	0.43	1709.31	3.0	1720.12	5.0	1711.20	2.7	1708.43	0.38	1719.07	1.4	1714.64	1.5	1714.61	0.38	1719.35	1.4	1709.47
08/02/24	0.19	1710.00	0.45	1709.30	3.0	1720.12	5.0	1711.19	2.7	1708.43	0.36	1719.42	1.4	1714.74	1.5	1714.59	0.39	1719.31	1.4	1709.51
08/03/24	0.19	1710.00	0.45	1709.27	3.0	1720.14	5.0	1711.20	2.7	1708.43	0.33	1719.70	1.4	1714.84	1.5	1714.59	0.39	1719.33	1.4	1709.52
08/04/24	0.19	1710.00	0.44	1709.30	2.9	1720.15	5.0	1711.20	2.7	1708.44	0.33	1719.84	1.3	1715.01	1.5	1714.53	0.38	1719.35	1.4	1709.52
08/05/24	0.19	1710.00	0.42	1709.30	2.9	1720.16	5.0	1711.20	2.7	1708.47	0.31	1720.01	1.3	1715.14	1.5	1714.53	0.38	1719.34	1.4	1709.50
08/06/24	0.19	1710.00	0.38	1709.30	3.0	1720.13	5.0	1711.20	2.7	1708.47	0.32	1720.09	1.3	1715.22	1.5	1714.53	0.39	1719.31	1.4	1709.54
08/07/24	0.19	1710.00	0.38	1709.30	3.1	1720.06	5.0	1711.19	2.7	1708.47	0.35	1720.20	1.3	1715.38	1.5	1714.54	0.40	1719.35	1.4	1709.56
08/08/24	0.18	1710.00	0.39	1709.30	3.1	1720.05	5.0	1711.19	2.7	1708.48	0.34	1720.36	1.2	1715.51	1.6	1714.54	0.43	1719.36	1.4	1710.64
08/09/24	0.18	1710.00	0.43	1709.29	3.1	1720.04	5.0	1711.19	2.7	1708.50	0.34	1720.46	1.2	1715.65	1.6	1714.52	0.39	1719.37	1.3	1712.67
08/10/24	0.18	1712.59	0.43	1709.29	3.1	1720.04	5.0	1711.19	2.7	1708.52	0.36	1720.67	1.2	1715.87	1.6	1714.50	0.37	1719.42	1.3	1716.63
08/11/24	0.18	1713.02	0.43	1709.31	3.1	1720.04	5.0	1711.19	2.7	1708.54	0.39	1720.75	1.1	1716.10	1.6	1714.52	0.37	1719.46	1.3	1717.60
08/12/24 ²	0.15	1714.50	0.45	1709.39	3.1	1720.09	5.1	1711.29	2.7	1708.59	0.30	1721.20	0.7	1716.99	1.7	1714.51	0.30	1719.74	1.1	1718.12
08/13/24	0.13	1715.88	0.45	1709.32	3.1	1720.08	5.1	1711.19	2.7	1708.51	0.21	1721.57	0.2	1717.76	1.7	1714.42	0.22	1719.98	1.1	1718.56
08/14/24	0.12	1715.93	0.47	1709.32	3.1	1720.08	5.0	1711.19	2.7	1708.52	0.20	1721.66	0.3	1717.86	1.7	1714.40	0.23	1719.99	1.1	1718.60
08/15/24	0.13	1715.08	0.48	1709.34	3.1	1720.09	5.0	1711.28	2.7	1708.57	0.25	1721.56	0.7	1717.29	1.7	1714.44	0.33	1720.01	1.1	1718.65
08/16/24	0.12	1715.21	0.49	1709.32	3.1	1720.11	5.0	1711.25	2.7	1708.56	0.37	1720.97	1.5	1716.01	1.7	1714.48	0.25	1720.13	1.1	1718.67
08/17/24	0.12	1715.72	0.46	1709.32	3.1	1720.11	5.1	1711.20	2.7	1708.52	0.34	1720.94	1.5	1716.07	1.7	1714.48	0.21	1720.24	1.1	1718.80
08/18/24	0.12	1715.68	0.50	1709.33	3.1	1720.12	5.0	1711.20	2.7	1708.54	0.33	1720.85	1.5	1716.07	1.8	1714.49	0.21	1720.27	1.1	1718.85
08/19/24	0.11	1715.77	0.49	1709.33	3.1	1720.15	5.0	1711.20	2.7	1708.54	0.34	1720.75	1.4	1716.14	1.8	1714.51	0.20	1720.30	1.1	1718.91
08/20/24	0.11	1715.83	0.46	1709.31	3.2	1720.11	5.1	1711.20	2.7	1708.55	0.80	1717.63	1.8	1715.22	1.8	1714.52	0.52	1719.84	1.6	1714.66
08/21/24	0.18	1712.77	0.45	1709.31	3.2	1720.09	5.1	1711.20	2.7	1708.56	0.87	1716.78	1.7	1715.33	1.8	1714.48	0.48	1719.66	1.6	1714.22
08/22/24	0.19	1711.46	0.48	1709.29	3.2	1720.08	5.1	1711.20	2.7	1708.56	0.85	1716.74	1.5	1715.68	1.7	1715.17	0.50	1719.66	1.5	1717.07
08/23/24 ²	0.06	1716.13	0.47	1709.43	3.2	1720.10	5.0	1711.32	2.7	1708.64	0.73	1717.70	1.2	1716.41	0.7	1718.74	0.42	1719.89	1.5	1717.43
08/24/24 ²	0.0	1718.78	0.44	1709.32	3.3	1720.08	5.1	1711.24	2.7	1708.57	0.68	1718.26	0.9	1716.99	0.5	1719.52	0.35	1720.03	1.5	1717.80
08/25/24	0.0	1718.83	0.45	1709.33	3.3	1720.07	5.1	1711.19	2.7	1708.54	0.67	1718.35	0.8	1717.20	0.5	1719.64	0.34	1720.06	1.4	1717.88
08/26/24	0.0	1718.86	0.46	1709.32	3.4	1720.07	5.1	1711.19	2.7	1708.54	0.67	1718.42	0.8	1717.29	0.5	1719.76	0.34	1720.05	1.4	1717.89
08/27/24	0.0	1718.90	0.48	1709.30	3.4	1720.07	5.1	1711.19	2.7	1708.54	0.68	1718.47	0.8	1717.36	0.5	1719.82	0.34	1720.07	1.4	1718.04
08/28/24	0.0	1718.92	0.46	1709.31	3.3	1720.09	5.1	1711.19	2.7	1708.54	0.70	1718.36	0.8	1717.41	0.5	1719.89	0.34	1720.09	1.4	1718.13
08/29/24	0.10	1715.94	0.49	1709.33	3.2	1720.09	5.1	1711.19	2.7	1708.55	0.69	1718.48	0.8	1717.46	0.5	1719.95	0.34	1720.03	1.4	1718.04
08/30/24	0.20	1710.87	0.49	1709.31	2.2	1720.46	5.0	1711.19	2.7	1708.55	0.66	1718.72	0.8	1717.50	0.5	1720.02	0.31	1719.95	1.4	1717.75
08/31/24	0.19	1710.57	0.48	1709.30	0.0	1721.61	5.1	1711.20	2.7	1708.58	0.65	1718.71	1.5	1716.03	1.2	1719.61	0.26	1720.12	1.6	1712.98
Monthly Average	0.13	1713.78	0.45	1709.32	3.0	1720.15	5.0	1711.21	2.7	1708.53	0.48	1719.57	1.1	1716.20	1.3	1716.03	0.35	1719.78	1.3	1715.33
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	760	8/15/2024	620	8/15/2024	320	8/15/2024	160	8/15/2024	160	8/15/2024	200	8/7/2024	500	8/12/2024	440	8/12/2024	520	8/15/2024	760	8/15/2024
Hexavalent Chromium	16	8/21/2024	15	8/21/2024	6.7	8/21/2024	3.3	8/21/2024	2.5	8/21/2024	1.2	8/12/2024	4.7	8/12/2024	6.1	8/12/2024	13	8/21/2024	14	8/21/2024
Total Chromium	15	8/15/2024	20	8/15/2024	5.9	8/15/2024	2.9	8/15/2024	2.2	8/15/2024	1.2	8/7/2024	4.4 B	8/12/2024	5.8 B	8/12/2024	11	8/15/2024	11	8/15/2024

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.
 2: On 08/12 and from 08/23 to 08/24, IWF offline due to maintenance.
 6: On 08/31, I-C, I-M, I-N, I-P, abd I-S adjusted to meet flow targets as described by the trust.
 8: On 08/31, I-I offline due to maintenance.
 9: On 08/15, I-L, I-M, I-O, I-P, and I-S 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-Q		I-R		I-S		I-T		I-U		I-V		I-W		I-X		I-Z	
	Flow ³ (gpm)	Water Elevation (ft amsl)	Flow ⁶ (gpm)	Water Elevation (ft amsl)	Flow ^{6,9} (gpm)	Water Elevation (ft amsl)	Flow ¹⁰ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{11,12} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
08/01/24	0.40	1714.54	0.44	1723.05	1.1	1714.61	0.62	1707.62	0.67	1707.67	3.7	1710.04	0.51	< 1702.59	2.6	< 1698.70	0.72	1717.21
08/02/24	0.40	1714.54	0.45	1723.23	1.1	1715.48	0.61	1707.62	0.67	1707.67	3.7	1710.04	0.51	< 1702.59	2.6	< 1698.69	0.73	1717.33
08/03/24	0.40	1714.54	0.44	1723.36	1.1	1716.15	0.62	1707.62	0.67	1707.67	3.8	1710.04	0.51	< 1702.59	2.6	< 1698.70	0.73	1717.47
08/04/24	0.40	1714.54	0.35	1723.50	1.1	1716.75	0.62	1707.62	0.67	1707.67	3.8	1710.04	0.51	< 1702.59	2.6	< 1698.70	0.73	1717.58
08/05/24	0.40	1714.54	0.40	1723.63	1.1	1716.90	0.61	1707.62	0.67	1707.68	3.8	1710.04	0.51	< 1702.59	2.6	< 1698.71	0.72	1717.68
08/06/24	0.40	1714.54	0.39	1723.79	1.0	1717.33	0.61	1707.62	0.67	1707.68	3.8	1710.04	0.51	< 1702.59	2.6	< 1698.71	0.57	1718.43
08/07/24	0.40	1714.54	0.38	1724.15	1.0	1717.74	0.61	1707.62	0.67	1707.68	3.7	1710.03	0.51	< 1702.59	2.6	< 1698.71	0.29	1719.90
08/08/24	0.45	1714.54	0.41	1724.27	1.0	1718.02	0.61	1707.62	0.67	1707.68	3.7	1710.03	0.51	< 1702.55	2.6	< 1698.71	0.30	1719.93
08/09/24	0.45	1714.54	0.43	1724.32	1.0	1718.38	0.45	1710.22	0.67	1707.68	3.7	1710.03	0.51	< 1702.55	2.6	< 1698.72	0.31	1719.98
08/10/24	0.45	1714.54	0.42	1724.47	1.0	1719.27	0.00	1718.82	0.69	1707.68	3.7	1710.03	0.52	< 1702.55	2.6	< 1698.72	0.33	1720.04
08/11/24	0.45	1714.54	0.40	1724.71	1.0	1719.85	0.00	1718.91	0.69	1707.68	3.7	1710.03	0.52	< 1702.55	2.6	< 1698.72	0.33	1720.15
08/12/24 ²	0.45	1714.54	0.36	1724.98	0.9	1720.52	0.00	1718.97	0.71	1707.72	3.8	1710.25	0.55	< 1702.55	2.6	< 1698.92	0.52	1719.45
08/13/24	0.45	1714.54	0.31	1725.09	0.8	1720.96	0.00	1719.02	0.70	1707.66	3.8	1710.02	0.55	< 1702.55	2.7	< 1698.66	0.71	1718.66
08/14/24	0.45	1714.54	0.32	1725.11	0.8	1721.03	0.47	1710.68	0.70	1707.66	3.8	1710.02	0.56	1710.02	2.7	< 1698.65	0.67	1718.95
08/15/24	0.35	1714.54	0.41	1725.02	0.9	1720.89	0.64	1707.54	0.69	1707.67	3.8	1710.18	0.03	1719.59	2.7	< 1698.74	0.79	1718.24
08/16/24	0.35	1714.54	0.64	1723.93	1.2	1720.11	0.64	1707.54	0.69	1707.66	3.9	1710.12	0.00	1713.30	2.7	< 1698.68	1.2	1715.75
08/17/24	0.35	1714.54	0.63	1724.00	1.1	1719.95	0.64	1707.54	0.69	1707.66	3.9	1710.01	0.00	1710.04	2.7	< 1698.62	1.2	1715.65
08/18/24	0.35	1714.54	0.63	1723.90	1.1	1719.77	0.64	1707.54	0.69	1707.66	3.9	1710.02	0.00	1710.04	2.7	< 1698.62	1.1	1715.62
08/19/24	0.35	1714.54	0.64	1723.79	1.0	1719.69	0.64	1707.54	0.69	1707.66	3.9	1710.03	0.00	1710.04	2.7	< 1698.61	1.1	1715.71
08/20/24	0.35	1714.54	0.64	1723.70	1.4	1717.35	0.64	1707.54	0.69	1707.66	3.9	1710.03	0.05	1710.04	2.7	< 1698.61	1.1	1715.51
08/21/24	0.35	1714.54	0.65	1723.61	1.3	1716.82	0.64	1707.54	0.69	1707.66	3.9	1710.03	0.15	1710.04	2.7	< 1698.62	1.1	1715.28
08/22/24	0.35	1714.54	0.65	1723.59	1.3	1716.82	0.63	1707.54	0.68	1707.67	3.9	1710.03	0.12	1710.04	2.4	1704.78	1.1	1715.08
08/23/24 ²	0.35	1714.54	0.60	1724.03	1.2	1717.54	0.64	1707.56	0.68	1707.70	3.9	1710.23	0.31	1710.03	2.0	1713.58	1.0	1715.85
8/24/24 ²	0.35	1714.53	0.54	1724.50	1.1	1718.11	0.65	1707.55	0.68	1707.67	3.9	1710.11	0.10	1710.03	2.0	1713.85	1.0	1716.25
08/25/24	0.35	1714.53	0.51	1724.63	1.1	1718.20	0.65	1707.54	0.68	1707.66	3.9	1710.02	0.025	1710.03	2.0	1714.04	1.0	1716.23
08/26/24	0.35	1714.53	0.47	1724.83	1.1	1718.27	0.65	1707.54	0.69	1707.66	3.9	1710.02	0.0	1710.03	2.0	1714.17	1.0	1716.22
08/27/24	0.35	1714.53	0.42	1725.14	1.1	1718.43	0.65	1707.54	0.69	1707.66	3.9	1710.02	0.0	1710.03	1.9	1714.48	1.0	1716.30
08/28/24	0.35	1714.53	0.42	1725.18	1.1	1718.50	0.65	1707.55	0.69	1707.67	3.9	1710.02	0.013	1710.03	1.8	1714.72	1.0	1716.27
08/29/24	0.35	1714.53	0.41	1725.22	1.1	1718.50	0.65	1707.55	0.69	1707.67	3.9	1710.02	0.31	1710.04	1.8	1714.83	1.0	1716.25
08/30/24	0.35	1714.53	0.39	1725.31	1.1	1718.54	0.64	1707.54	0.68	1707.67	3.9	1710.03	0.42	1710.02	1.8	1714.95	1.0	1716.29
08/31/24	0.35	1714.53	0.53	1724.89	1.5	1715.00	0.64	1707.55	0.68	1707.67	4.1	1714.11	0.43	1710.02	1.8	1714.99	1.0	1716.24
Monthly Average	0.38	1714.54	0.47	1724.29	1.1	1718.24	0.54	1709.22	0.68	1707.67	3.8	1710.18	0.30	1707.32	2.4	1703.45	0.82	1717.27
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	510	8/15/2024	430	8/7/2024	220	8/7/2024	640	8/15/2024	700	8/15/2024	520	8/15/2024	540	8/27/2024	580	8/12/2024	200	8/7/2024
Hexavalent Chromium	17	8/21/2024	0.94	8/12/2024	1.3	8/12/2024	18	8/21/2024	16	8/21/2024	10	8/21/2024	10	8/21/2024	9.4	8/12/2024	1.1	8/12/2024
Total Chromium	13	8/15/2024	0.91	8/7/2024	1.5	8/7/2024	13	8/15/2024	13	8/15/2024	11	8/15/2024	10	8/27/2024	9.1	8/12/2024	1.2	8/7/2024

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.
 2: On 08/12 and from 08/23 to 08/24, IWF offline due to maintenance.
 3: On 08/01, 08/08, 08/15, 08/22, and 08/29, bucket tests were performed to determine the flow rates for I-AR and I-Q.
 6: On 08/31, I-C, I-M, I-N, I-P, I-R, and I-S adjusted to meet flow targets as described by the trust.
 9: On 08/15, I-L, I-M, I-O, I-P, and I-S adjusted to meet flow targets as described by the trust.
 10: From 08/09 to 08/14, I-T offline due to maintenance.
 11: On 08/01, and 08/08, I-W water level measured manually due to water level dropping below transducer level.
 12: On 08/15 and from 08/25 to 08/29, I-W offline due to maintenance.

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 (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)
08/01/24	804	59				0.0				887		49				
08/02/24	808	58				0.0				866		52				
08/03/24	811	58				0.0				868	49	54				
08/04/24	808	66				0.0				874		54				
08/05/24	805	57				0.0				867		56				
08/06/24	837	60	0.44	ND	360	0.0				939		56		9.6	0.11	0.049
08/07/24	715	60				0.0				777		59				
08/08/24	809	61				0.0				878		54				
08/09/24	798	59				0.0				856		50				
08/10/24	798	60				0.0				858	49	50				
08/11/24	797	60				0.0				856		52				
08/12/24	794	60				0.0				854		46				
08/13/24	820	60	0.55	ND	350	0.0				880		52	100	9.9	0.10	0.046
08/14/24	798	81				0.0				879		52				
08/15/24	778	57				0.0				835		52				
08/16/24	796	57				0.0				855		56				
08/17/24	797	48				0.0				845	48	56				
08/18/24	796	57				0.0				863		56				
08/19/24	796	60				0.0				856		54				
08/20/24	772	60	0.56	ND	320	2.3	0.066	0.067	32	895		46		9.9	0.10	0.05
08/21/24	649	60				0.0				898		54				
08/22/24	770	58				0.0				869		52				
08/23/24	805	63				0.0				884		49				
08/24/24	800	60				0.0				877	55	50				
08/25/24	793	59				0.0				875		50				
08/26/24	793	60				0.0				866		49				
08/27/24	798	60	0.53	ND	330	0.0				864		50		10	0.11	0.045
08/28/24	798	60				0.0				859		50				
08/29/24	804	72				0.0				869		52				
08/30/24	812	48				0.0				867		50				
08/31/24	812	75				0.0				873		46				
Monthly Average ²	793	60	0.52	ND	341	0.07	0.066	0.067	32	867	51	52	100	9.8	0.105	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.
 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.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics														
Date	1st Stage FBR ³			2nd Stage FBR ³			FBR Plant Effluent ⁴							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow ⁴ (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)
08/01/24	1022	6.7	-345	1022	6.7	-390	904		0.0					19
08/02/24	958	6.6	-364	958	6.7	-397	857		0.0					30
08/03/24	959	6.5	-354	959	6.7	-411	821	ND	0.0					23
08/04/24	954	6.6	-387	954	6.6	-412	831		0.0					13
08/05/24	939	6.7	-364	939	6.6	-409	852		0.0					13
08/06/24	1035	6.6	-375	1035	6.7	-400	643		0.6		0.013	ND	ND	10
08/07/24	980	6.7	-394	980	6.7	-403	878		0.0					17
08/08/24	940	6.6	-391	940	6.7	-389	833		0.0					16
08/09/24	947	6.6	-394	947	6.7	-403	828		0.0					18
08/10/24	932	6.7	-380	932	6.7	-407	816	ND D	0.0					13
08/11/24	958	6.7	-403	958	6.7	-420	821		0.0					16
08/12/24	958	6.5	-351	958	6.7	-406	426		0.3					19
08/13/24	946	6.6	-398	946	6.7	-413	814		0.0	ND D	0.012	ND	0.050	20
08/14/24	942	6.6	-394	942	6.7	-416	827		0.0					10
08/15/24	941	6.7	-396	941	6.7	-411	656		0.0					23
08/16/24	797	6.9	-283	797	6.7	-376	757		0.0					15
08/17/24	720	6.5	-299	720	6.8	-369	238	ND D	0.0					20
08/18/24	877	5.6	-281	877	6.8	-408	785		0.0					31
08/19/24	881	6.7	-287	881	6.8	-409	860		0.0					22
08/20/24	760	7.1	-283	760	6.8	-383	793		0.4		0.0096 J	ND	ND	29
08/21/24	775	6.9	-285	775	6.8	-375	822		0.8					22
08/22/24	764	6.6	-283	764	6.8	-333	863		0.0					21
08/23/24	773	6.7	-318	773	6.8	-379	885		0.0					16
08/24/24	782	6.7	-365	781	6.8	-357	878	ND D	0.0					20
08/25/24	786	6.8	-385	786	6.8	-350	879		0.0					28
08/26/24	804	6.9	-377	804	6.8	-430	883		0.0					20
08/27/24	815	7.0	-278	815	6.8	-377	870		0.0		ND	ND	ND	21
08/28/24	812	6.8	-265	812	6.6	-339	874		0.0					6.0
08/29/24	824	6.8	-180	824	6.6	-332	867		0.0					16
08/30/24	818	6.8	-356	818	6.6	-368	886		0.0					23
08/31/24	802	6.9	-382	802	6.7	-361	272		0.0					28
Monthly Average ²	877	6.7	-345	877	6.7	-390	781	ND	0.07	ND	0.009	ND	0.011	19

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 (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: For 1st and 2nd stage FBRs, flow measurements are collected from the influent lines and pH and ORP samples are collected from the recycle lines.

4: FBR Plant Effluent represents effluent discharged to Las Vegas Wash. While this may represent the entirety of the FBR Plant effluent, any diversions to GW-11 are subtracted from the original effluent flow.

GW-11 Level Monitoring ¹		
Date	Field Measurement (ft)	Volume (MG)
08/15/24	31.4	34.8
08/31/24	30.8	35.6

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
08/14/24	7.4	410	866	53
08/28/224	4.2	308	577	31

GW-11 Composite Sample ³		
Analytes	Concentration	Units
Perchlorate	18	mg/L
Chlorate	26	mg/L
Ammonia as N	ND	mg/L
Total Phosphorus	0.98	mg/L
Total Dissolved Solids (TDS)	9,200	mg/L
Total Suspended Solids (TSS)	42	mg/L
pH	9.0 HF	s.u.
Calcium	480	mg/L
Iron	0.53	mg/L
Chromium (total)	0.051	mg/L
Chromium VI	0.022	mg/L
Chloride	6,200	mg/L
Nitrate as N	0.83	mg/L
Sulfate	6,800	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 (NH₃-N= 0.1 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: June 11, 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)		
Sep 2023	980	51	9.7	80	370	402
Oct 2023	1,004	44	8.7	99	393	395
Nov 2023	939	50	9.4	65	321	388
Dec 2023	994	50	7.2	100	387	386
Jan 2024	1,002	45	6.7	77	328	363
Feb 2024	934	48	7.9	73	316	352
Mar 2024	940	39	6.5	46	234	330
Apr 2024	1,022	52	7.6	100	408	332
May 2024	896	50	7.9	130	411	347
June 2024	1,028	40	8.3	110	412	351
July 2024	919	46	9.0	81	332	352
August 2024	867	51	9.8	100	365	360

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 ³ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
08/01/24	2.2	1713.08	0.39	1713.31	0.52	1711.12	0.51	1716.67	0.92	1716.07	1.3	1716.50	1.2	1717.513	0.23	1713.42
08/02/24	2.1	1712.33	0.37	1714.11	0.54	1710.75	0.55	1717.12	0.85	1718.47	1.2	1718.55	1.1	1718.263	0.16	1715.77
08/03/24	2.2	1713.08	0.38	1714.26	0.55	1710.42	0.74	1711.49	0.81	1716.92	1.4	1714.80	1.3	1715.313	0.28	1717.22
08/04/24	2.2	1712.79	0.38	1713.36	0.55	1711.22	0.75	1712.67	0.82	1717.02	1.5	1716.45	1.4	1716.013	0.09	1717.93
08/05/24	2.2	1712.49	0.37	1713.82	0.54	1711.52	0.73	1714.22	0.80	1716.52	1.5	1716.15	1.3	1715.613	0.43	1716.83
08/06/24	2.2	1712.33	0.37	1714.36	0.56	1711.12	0.74	1713.76	0.82	1716.97	1.5	1715.95	1.3	1715.963	0.41	1714.72
08/07/24	2.2	1711.78	0.37	1713.26	0.55	1712.52	0.71	1713.71	0.82	1717.12	1.5	1715.64	1.2	1714.963	0.36	1712.96
08/08/24	2.1	1711.20	0.38	1710.93	0.56	1712.32	0.70	1712.90	0.99	1714.39	1.4	1715.20	1.3	1716.083	0.36	1713.06
08/09/24	2.1	1711.07	0.37	1711.29	0.55	1710.96	0.69	1712.05	0.99	1714.67	1.4	1714.50	1.2	1715.963	0.34	1712.97
08/10/24	2.2	1711.25	0.37	1710.79	0.56	1710.69	0.71	1710.39	1.00	1713.98	1.5	1714.37	1.3	1715.663	0.35	1712.10
08/11/24	2.2	1710.93	0.58	1710.94	0.56	1711.92	0.71	1711.82	0.99	1715.02	1.4	1714.95	1.2	1714.613	0.33	1713.02
08/12/24	2.2	1710.73	0.58	1711.36	0.48	1713.42	0.73	1712.22	1.00	1714.52	1.5	1715.54	1.3	1715.013	0.34	1711.91
08/13/24	2.6	1712.27	0.58	1710.79	0.49	1712.02	0.72	1712.17	1.01	1714.82	1.6	1714.39	1.3	1714.303	0.35	1712.01
08/14/24	1.8	1710.45	0.53	1711.09	0.62	1712.71	0.72	1711.04	0.95	1714.69	1.3	1715.12	1.1	1715.203	0.27	1714.17
08/15/24	2.2	1711.55	0.56	1711.74	0.58	1712.24	0.73	1710.40	0.95	1714.99	1.5	1715.42	1.2	1715.733	0.40	1714.76
08/16/24	2.4	1711.81	0.56	1712.16	0.10	1728.10	0.74	1713.06	0.95	1715.08	1.5	1715.51	1.2	1716.873	0.21	1716.01
08/17/24	2.5	1712.05	0.56	1710.91	0.00	1710.68	0.75	1714.64	0.97	1715.49	1.5	1715.92	1.2	1717.583	0.34	1717.39
08/18/24	2.4	1711.33	0.53	1711.81	0.58	1710.63	0.72	1713.64	0.93	1714.62	1.5	1714.95	1.2	1717.013	0.27	1716.19
08/19/24	2.4	1710.53	0.54	1711.36	0.57	1710.81	0.73	1713.72	0.94	1714.02	1.5	1714.45	1.2	1716.563	0.26	1715.45
08/20/24	2.3	1711.62	0.53	1710.66	0.55	1710.51	0.74	1713.47	0.93	1715.52	1.5	1715.95	1.1	1715.613	0.24	1713.61
08/21/24	2.4	1711.10	0.54	1710.99	0.56	1711.10	0.76	1713.85	0.94	1715.72	1.5	1716.24	1.0	1716.303	0.28	1715.00
08/22/24	2.3	1710.28	0.52	1711.19	0.54	1711.94	0.74	1714.06	0.93	1715.76	1.5	1716.49	1.0	1719.433	0.27	1716.60
08/23/24	2.4	1710.59	0.53	1711.11	0.55	1712.25	0.76	1712.84	0.93	1715.70	1.4	1716.52	1.0	1716.883	0.20	1716.57
08/24/24	2.4	1710.10	0.51	1711.46	0.55	1712.49	0.74	1713.79	0.93	1715.78	1.4	1716.70	1.2	1718.043	0.24	1717.54
08/25/24	2.4	1711.23	0.52	1710.98	0.56	1711.47	0.73	1713.22	0.94	1716.59	1.4	1715.95	1.4	1716.563	0.16	1717.53
08/26/24	2.3	1709.93	0.47	1710.65	0.55	1711.02	0.71	1712.91	0.90	1715.82	1.4	1715.51	1.3	1717.813	0.16	1716.55
08/27/24	2.3	1711.90	0.49	1712.05	0.54	1710.69	0.71	1714.21	0.92	1715.88	1.4	1716.08	1.4	1715.983	0.10	1716.03
08/28/24	2.3	1712.50	0.49	1712.71	0.54	1710.80	0.72	1715.99	0.92	1716.16	1.4	1716.50	1.4	1714.793	0.11	1715.38
08/29/24	2.3	1712.77	0.48	1712.81	0.57	1711.00	0.71	1715.69	0.92	1715.76	1.4	1716.33	1.4	1714.543	0.15	1716.77
08/30/24	2.3	1713.01	0.46	1711.23	0.56	1711.39	0.70	1715.40	0.92	1715.67	1.4	1716.19	1.4	1714.673	0.31	1714.76
08/31/24	2.5	1713.76	0.52	1711.28	0.60	1710.84	0.69	1715.96	0.91	1716.01	1.4	1716.37	1.4	1715.063	0.24	1715.80
Monthly Average	2.3	1711.67	0.48	1711.90	0.52	1711.96	0.71	1713.52	0.92	1715.67	1.4	1715.78	1.2	1716.13	0.27	1715.16
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	410	8/6/2024	590	8/6/2024	340	8/6/2024	66	8/6/2024	320	8/6/2024	890	8/6/2024	795	8/6/2024	970	8/6/2024
Hexavalent Chromium	0.11	8/6/2024	0.63	8/6/2024	0.64	8/6/2024	0.024	8/6/2024	0.025	8/6/2024	0.12	8/6/2024	0.098	8/6/2024	0.23	8/6/2024
Total Chromium	0.12	8/6/2024	0.72	8/6/2024	0.75	8/6/2024	0.030	8/6/2024	0.031	8/6/2024	0.14	8/6/2024	0.11	8/6/2024	0.27	8/6/2024

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: From 08/16 to 08/17, E1-3 intermittently offline due to maintenance.
 3: On 08/31, E2-4 flow meter offline due to maintenance; Averaged flows are presented for this date.
 4: Duplicates taken on 08/06 of well E2-4; average of both values are presented and used for calculations.

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

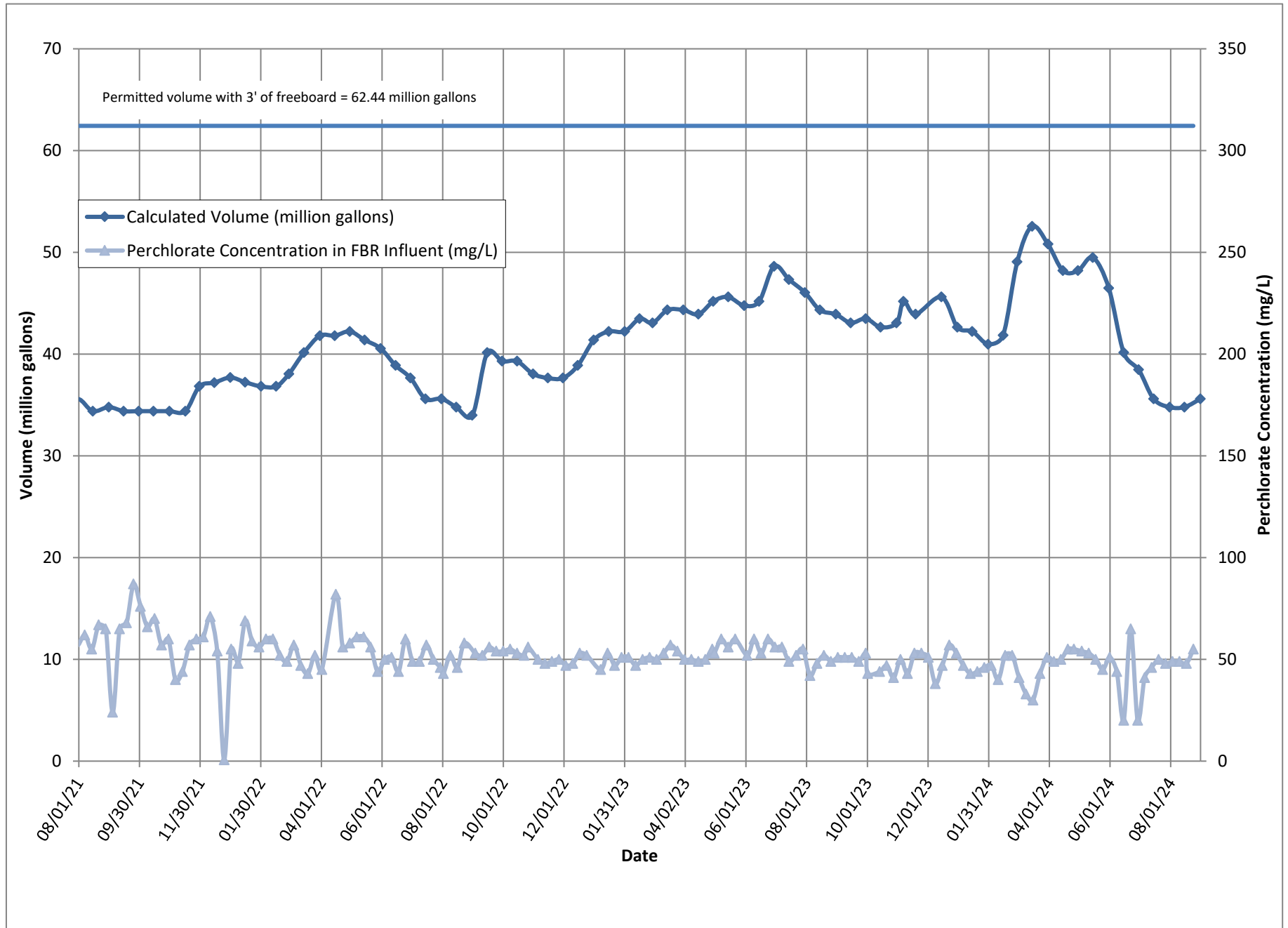


Figure 2 - FBR Equivalent Loading Calculation

