

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 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)
07/01/24	399	159	1538.58	68	1520.18	120	1544.85	108	1533.36	63	1547.01	115	1547.29	49	1549.06	20	1550.11	7.3	1520.02
07/02/24	399	159	1538.55	68	1520.18	120	1544.84	108	1533.34	63	1546.99	115	1547.27	49	1549.04	20	1550.09	7.3	1520.01
07/03/24	398	159	1538.53	67	1520.18	120	1544.82	108	1533.32	63	1546.98	115	1547.26	49	1549.03	20	1550.08	7.3	1520.01
07/04/24	399	159	1538.51	68	1520.18	120	1544.81	108	1533.30	63	1546.97	115	1547.25	49	1549.01	20	1550.07	7.3	1520.01
07/05/24 ²	370	148	1539.31	63	1522.18	112	1545.23	101	1534.45	59	1547.22	107	1547.51	45	1549.23	18	1550.21	7.3	1522.27
07/06/24	399	159	1538.67	68	1520.19	120	1544.85	108	1533.41	63	1546.98	115	1547.27	49	1549.04	20	1550.08	7.6	1520.01
07/07/24	399	159	1538.61	68	1520.20	120	1544.81	108	1533.35	63	1546.95	115	1547.24	49	1549.01	20	1550.06	7.5	1520.02
07/08/24	400	159	1538.56	68	1520.20	120	1544.79	108	1533.32	63	1546.93	115	1547.22	49	1548.99	20	1550.04	7.4	1520.01
07/09/24 ²	469	143	1539.44	62	1523.06	111	1545.17	97	1534.75	56	1547.24	103	1547.50	44	1549.21	18	1550.18	6.7	1523.16
07/10/24	345	101	1542.30	44	1530.60	80	1546.77	69	1539.01	51	1547.94	94	1548.23	40	1549.82	16	1550.65	6.7	1526.02
07/11/24	526	160	1538.87	69	1520.21	127	1544.78	108	1533.63	62	1547.09	115	1547.39	49	1549.14	20	1550.18	7.7	1520.02
07/12/24	525	159	1538.71	68	1520.21	127	1544.67	108	1533.49	62	1547.00	115	1547.29	49	1549.06	20	1550.10	7.6	1520.02
07/13/24	524	159	1538.61	68	1520.21	127	1544.60	108	1533.40	62	1546.95	115	1547.23	49	1549.00	20	1550.05	7.5	1520.01
07/14/24	524	159	1538.57	67	1520.21	127	1544.56	108	1533.35	62	1546.93	115	1547.20	49	1548.97	20	1550.03	7.5	1520.01
07/15/24	523	159	1538.53	67	1520.21	127	1544.53	108	1533.30	62	1546.90	115	1547.18	49	1548.95	20	1550.01	7.5	1520.02
07/16/24	522	159	1538.48	66	1520.21	127	1544.50	108	1533.27	62	1546.88	115	1547.16	49	1548.94	20	1550.00	7.5	1520.02
07/17/24	522	159	1538.44	65	1520.21	127	1544.48	108	1533.24	62	1546.87	115	1547.14	49	1548.92	20	1549.98	7.5	1520.02
07/18/24	524	159	1538.54	67	1520.21	127	1544.57	108	1533.32	62	1546.94	115	1547.22	49	1548.99	20	1550.04	7.5	1520.02
07/19/24	523	159	1538.82	66	1520.22	127	1544.74	108	1533.52	62	1547.08	115	1547.39	49	1549.15	20	1550.19	7.5	1520.02
07/20/24	522	159	1538.75	65	1520.22	127	1544.73	108	1533.48	62	1547.07	115	1547.39	49	1549.16	20	1550.21	7.6	1520.02
07/21/24	521	159	1538.69	64	1520.22	127	1544.72	108	1533.44	62	1547.06	115	1547.39	49	1549.16	20	1550.22	7.6	1520.02
07/22/24	523	159	1538.73	66	1520.23	127	1544.77	108	1533.49	62	1547.10	115	1547.44	49	1549.21	20	1550.26	7.7	1520.02
07/23/24	523	159	1538.70	66	1520.23	127	1544.76	108	1533.46	62	1547.09	115	1547.43	49	1549.21	20	1550.26	7.5	1520.01
07/24/24	524	159	1538.68	67	1520.24	127	1544.74	108	1533.43	62	1547.06	115	1547.41	49	1549.19	20	1550.26	7.7	1520.01
07/25/24 ²	510	155	1539.00	66	1520.96	124	1544.90	105	1533.88	61	1547.15	112	1547.50	47	1549.26	19	1550.30	8.0	1520.89
07/26/24	522	159	1538.78	66	1520.24	127	1544.74	108	1533.51	62	1547.04	115	1547.40	49	1549.18	20	1550.24	8.0	1520.01
07/27/24	523	159	1538.72	66	1520.25	127	1544.71	108	1533.46	62	1547.01	115	1547.37	49	1549.15	20	1550.22	7.8	1520.00
07/28/24	523	159	1538.67	67	1520.25	127	1544.67	108	1533.41	62	1546.99	115	1547.34	49	1549.12	20	1550.19	7.7	1520.00
07/29/24	523	159	1538.63	67	1520.25	127	1544.65	108	1533.38	62	1546.96	115	1547.31	49	1549.09	20	1550.16	7.7	1520.00
07/30/24	521	159	1538.60	65	1520.25	127	1544.62	108	1533.35	62	1546.95	115	1547.29	49	1549.07	20	1550.14	7.5	1520.00
07/31/24	522	159	1538.64	66	1520.24	127	1544.62	108	1533.39	62	1546.93	115	1547.27	49	1549.06	20	1550.12	7.6	1520.01
Monthly Average	482	156	1538.81	66	1520.73	123	1544.81	106	1533.67	62	1547.04	114	1547.35	48	1549.11	20	1550.15	7.5	1520.41
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		18	7/24/2024	17	7/24/2024	8.7	7/24/2024	11	7/24/2024	3.2	7/24/2024	0.69	7/24/2024	0.051	7/24/2024	0.046	7/24/2024	1.7	7/24/2024
Hexavalent Chromium		0.0051	7/8/2024	0.00030 J	7/8/2024	ND	7/8/2024	0.0075	7/8/2024	ND	7/8/2024	ND	7/8/2024	ND	7/8/2024	ND	7/8/2024	ND	7/8/2024
Total Chromium		0.0082 J	7/24/2024	0.0036 J	7/24/2024	ND	7/24/2024	0.010	7/24/2024	ND	7/24/2024	ND	7/24/2024	ND	7/24/2024	ND	7/24/2024	ND	7/24/2024

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.
 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 07/05, 07/09, and 07/25 SWF offline briefly due to maintenance.
 3: From 07/09 to 07/31, PC-115R routed to wet well instead of IX system and PC-118 routed to IX system.
 4: Duplicates taken on 07/24 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 (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)	
07/01/24	372	29	1575.67	129	1586.92	26	1585.91	3.7	1582.54	49	1577.04	29	1580.55	136	1579.96	3.0	1579.73	
07/02/24	372	29	1575.67	129	1586.89	26	1585.89	3.7	1582.50	49	1577.02	29	1580.52	136	1579.94	3.0	1579.72	
07/03/24	372	29	1575.67	129	1586.87	26	1585.87	3.7	1582.46	48	1577.02	29	1580.49	136	1579.92	3.0	1579.80	
07/04/24	372	29	1575.67	129	1586.85	26	1585.85	3.7	1582.43	48	1577.03	29	1580.47	136	1579.90	3.0	1579.78	
07/05/24 ²	341	27	1576.80	116	1587.21	24	1586.24	3.5	1582.74	46	1577.76	26	1580.97	124	1580.23	3.0	1580.85	
07/06/24	372	30	1575.66	129	1586.93	26	1585.90	4.0	1582.12	49	1577.07	29	1580.53	136	1579.97	3.0	1579.90	
07/07/24	374	29	1575.66	129	1586.84	26	1585.83	4.0	1582.04	48	1576.99	29	1580.46	136	1579.90	3.0	1579.87	
07/08/24	372	29	1575.66	129	1586.80	26	1585.80	4.0	1581.99	48	1576.98	29	1580.43	136	1579.87	3.0	1579.85	
07/09/24 ³	333	26	1576.91	117	1586.96	24	1586.01	3.6	1582.38	44	1577.60	28	1580.76	127	1579.97	3.0	1580.61	
07/10/24	239	19	1581.21	80	1588.53	17	1587.82	2.6	1584.44	35	1579.87	24	1582.46	84	1581.45	3.0	1583.74	
07/11/24	384	30	1575.65	129	1587.29	26	1586.22	4.0	1582.45	50	1577.29	29	1580.74	136	1580.27	3.0	1579.99	
07/12/24	390	30	1575.66	129	1586.03	27	1586.03	4.0	1582.27	51	1576.83	29	1580.61	136	1580.09	3.0	1579.89	
07/13/24	382	29	1575.66	129	1586.95	26	1585.92	4.0	1582.14	50	1576.86	29	1580.51	136	1579.98	3.0	1579.91	
07/14/24	372	29	1575.66	129	1586.86	26	1585.86	4.0	1582.05	48	1576.94	29	1580.43	136	1579.91	3.0	1579.85	
07/15/24	371	29	1575.67	129	1586.81	26	1585.81	4.0	1581.99	48	1576.92	29	1580.38	135	1579.87	3.0	1579.80	
07/16/24	371	29	1575.67	129	1586.77	26	1585.78	4.0	1581.94	47	1576.96	29	1580.35	136	1579.84	3.0	1579.82	
07/17/24	369	29	1575.66	129	1586.74	26	1585.75	4.0	1581.90	48	1576.89	29	1580.31	136	1579.82	3.0	1579.74	
07/18/24	378	29	1575.66	129	1586.71	26	1585.73	4.0	1581.87	47	1576.93	28	1580.29	135	1579.79	3.0	1579.70	
07/19/24	362	28	1575.66	129	1586.70	26	1585.72	4.0	1581.85	47	1576.91	29	1580.29	135	1579.79	3.0	1579.76	
07/20/24	359	29	1575.68	129	1586.70	26	1585.72	4.0	1581.83	47	1576.74	29	1580.24	135	1579.78	3.0	1579.78	
07/21/24	367	28	1575.68	129	1586.69	26	1585.71	4.0	1581.82	46	1576.67	29	1580.24	135	1579.78	3.0	1579.76	
07/22/24	370	29	1575.67	118	1586.83	25	1583.95	4.0	1581.84	47	1576.56	29	1580.25	134	1579.88	3.0	1579.75	
07/23/24	370	28	1575.67	129	1586.73	26	1585.73	4.0	1581.83	46	1576.58	29	1580.30	134	1579.81	3.0	1579.77	
07/24/24	366	28	1575.67	129	1586.69	27	1585.70	4.0	1581.79	46	1576.56	29	1580.36	134	1579.78	3.0	1579.72	
07/25/24	365	28	1575.67	129	1586.68	27	1585.70	4.0	1581.79	46	1576.50	29	1580.29	134	1579.78	3.0	1579.70	
07/26/24	368	28	1575.66	129	1586.68	27	1585.69	4.0	1581.78	46	1576.55	29	1580.15	134	1579.77	3.0	1579.75	
07/27/24	376	28	1575.68	130	1586.67	26	1585.68	4.0	1581.87	45	1576.58	29	1580.10	134	1579.76	3.0	1579.72	
07/28/24	368	28	1575.67	129	1586.65	27	1585.67	4.0	1581.76	45	1576.57	29	1580.18	134	1579.75	3.0	1579.75	
07/29/24	367	28	1575.67	129	1586.64	27	1585.66	4.0	1581.748	46	1576.62	29	1580.24	134	1579.74	3.0	1579.75	
07/30/24	385	28	1575.67	129	1586.63	27	1585.66	4.0	1581.74	46	1576.54	28	1580.21	134	1579.74	3.0	1579.72	
07/31/24	362	28	1575.67	129	1586.62	27	1585.65	4.0	1581.73	44	1576.67	28	1580.24	134	1579.73	3.0	1579.91	
Monthly Average	365	28	1575.92	126	1586.87	26	1585.82	3.9	1582.12	47	1576.97	28	1580.46	133	1579.93	3.0	1579.98	
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	21	7/24/2024	6.5	7/24/2024	150	7/24/2024	110	7/24/2024	150	7/24/2024	76	7/24/2024	45	7/24/2024	67	7/24/2024		
Hexavalent Chromium	ND	7/8/2024	0.0026	7/8/2024	0.21	7/8/2024	0.16	7/8/2024	0.61	7/8/2024	0.38	7/8/2024	0.045	7/8/2024	ND	7/8/2024		
Total Chromium	0.0032 j	7/24/2024	0.0072 j	7/24/2024	0.23	7/24/2024	0.19	7/24/2024	0.62	7/24/2024	0.41	7/24/2024	0.054	7/24/2024	0.085	7/24/2024		

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 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 07/05 and 07/09, AWF offline briefly due to maintenance.
 3: Duplicates taken on 07/08 and 07/24 of well ART-8/8A; average of both values are presented and used for calculations
 4: On 07/16, Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow determined from flow tests was 3.0 from 07/01 to 07/31. Flow used for calculation purposes and was steady throughout the month but the totalizer showed zero

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)
07/01/24	0.45	1714.70	0.81	1707.68	0.0	1718.69	0.0	1740.00	0.72	1719.55	0.36	1709.72	2.4	1707.62	1.1	1705.69	1.0	1708.41	3.2	1708.77
07/02/24	0.45	1714.70	0.81	1707.69	0.0	1718.70	0.0	1740.00	0.72	1719.57	0.37	1709.38	2.4	1707.63	1.1	1705.69	1.0	1708.41	3.2	1708.74
07/03/24	0.42	1714.70	0.81	1707.70	0.0	1718.70	0.0	1740.00	0.71	1719.69	0.35	1709.49	2.5	1707.78	1.1	1705.69	1.0	1708.41	3.2	1708.75
07/04/24	0.42	1714.70	0.81	1707.73	0.0	1718.71	0.0	1740.00	0.71	1719.64	0.36	1709.93	2.4	1707.79	1.1	1705.69	1.0	1708.41	3.3	1708.74
07/05/24	0.42	1714.70	0.81	1707.72	0.0	1718.72	0.0	1740.00	0.71	1719.61	0.36	1709.80	2.4	1707.63	1.1	1705.69	1.1	1708.41	3.3	1708.73
07/06/24	0.42	1714.70	0.82	1707.72	0.0	1718.74	0.0	1740.00	0.72	1719.61	0.38	1710.06	2.5	1707.61	1.1	1705.69	1.1	1708.41	3.3	1708.73
07/07/24	0.42	1714.70	0.81	1707.72	0.0	1718.69	0.0	1740.00	0.73	1719.52	0.35	1710.45	2.5	1707.61	1.1	1705.69	1.1	1708.41	2.9	1708.97
07/08/24	0.42	1714.70	0.80	1707.75	0.0	1718.56	0.0	1740.00	0.73	1719.50	0.32	1710.63	2.4	1707.61	1.1	1705.69	1.0	1708.42	2.1	1709.22
07/09/24	0.42	1714.70	0.80	1707.76	0.0	1718.52	0.0	1740.00	0.73	1719.47	0.31	1710.66	2.3	1707.61	1.1	1705.69	1.0	1708.42	1.9	1709.21
07/10/24	0.42	1714.70	0.80	1707.75	0.0	1718.29	0.0	1740.00	0.73	1719.46	0.31	1710.63	2.3	1707.61	1.1	1705.68	1.0	1708.42	1.8	1709.19
07/11/24	0.40	1714.70	0.80	1707.75	0.0	1718.48	0.0	1740.00	1.0	1712.81	0.29	1710.67	2.3	1707.61	1.0	1705.68	1.0	1708.42	1.7	1709.15
07/12/24	0.40	1714.70	0.80	1707.75	0.0	1718.46	0.0	1740.00	1.1	< 1710.00	0.30	1710.66	2.3	1707.61	1.0	1705.68	1.0	1708.42	1.7	1709.14
07/13/24	0.40	1714.70	0.80	1707.74	0.0	1718.46	0.0	1740.00	1.1	< 1710.00	0.31	1710.69	2.3	1707.61	1.0	1705.68	1.0	1708.42	1.7	1709.12
07/14/24	0.40	1714.70	0.80	1707.75	0.0	1718.46	0.0	1740.00	1.1	< 1710.00	0.33	1710.65	2.4	1707.61	1.0	1705.68	1.0	1708.42	1.7	1709.12
07/15/24	0.40	1714.69	0.80	1707.75	0.27	1712.76	0.0	1740.00	1.1	< 1710.00	0.31	1710.67	2.3	1707.61	1.0	1705.68	1.0	1708.42	1.7	1709.12
07/16/24	0.40	1714.69	0.78	1707.74	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.66	2.3	1707.61	1.0	1705.68	1.0	1708.42	1.7	1709.11
07/17/24	0.40	1714.70	0.79	1707.76	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.69	2.3	1707.61	1.0	1705.68	1.0	1708.41	1.7	1709.10
07/18/24	0.42	1714.70	0.78	1707.79	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.70	2.3	1707.61	1.0	1705.69	1.0	1708.41	1.6	1709.09
07/19/24	0.42	1714.70	0.78	1707.78	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.31	1710.69	2.4	1707.61	1.0	1705.70	1.0	1708.41	1.6	1709.10
07/20/24	0.42	1714.70	0.78	1707.82	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.69	2.3	1707.61	1.0	1705.70	1.0	1708.42	1.6	1709.10
07/21/24	0.42	1714.70	0.77	1707.85	0.35	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.71	2.2	1707.61	1.0	1705.68	1.0	1708.42	1.6	1709.10
07/22/24	0.42	1714.71	0.78	1707.85	0.35	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.68	2.2	1707.61	1.0	1705.69	1.0	1708.42	1.6	1709.10
07/23/24	0.42	1714.71	0.78	1707.84	0.35	1710.00	0.0	1740.00	1.1	< 1710.00	0.30	1710.71	2.2	1707.61	1.0	1705.68	1.0	1708.42	1.6	1709.10
07/24/24	0.42	1714.70	0.78	1707.82	0.35	1710.00	0.0	1740.00	1.1	< 1710.00	0.34	1709.80	2.2	1707.61	1.0	1705.68	1.0	1708.41	1.6	1709.10
07/25/24	0.40	1714.71	0.77	1707.84	0.35	1710.00	0.0	1740.00	1.1	< 1710.00	0.34	1709.63	2.2	1707.61	1.0	1705.68	1.0	1708.41	1.7	1709.10
07/26/24	0.40	1714.71	0.78	1707.86	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.35	1709.64	2.2	1707.61	1.0	1705.68	1.0	1708.41	1.7	1709.10
07/27/24	0.40	1714.71	0.78	1707.86	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.36	1709.64	2.2	1707.61	1.0	1705.67	1.0	1708.41	1.7	1709.11
07/28/24	0.40	1714.70	0.78	1707.83	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.37	1709.62	2.3	1707.61	1.0	1705.67	1.0	1708.41	1.7	1709.10
07/29/24	0.40	1714.70	0.78	1707.80	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.38	1709.62	2.3	1707.61	1.0	1705.67	1.0	1708.41	1.7	1709.10
07/30/24	0.40	1714.71	0.79	1707.79	0.36	1710.00	0.0	1740.00	1.1	< 1710.00	0.38	1709.63	2.3	1707.61	1.0	1705.67	1.0	1708.41	1.7	1709.11
07/31/24	0.0	1716.56	0.79	1707.81	0.09	1715.85	0.0	1740.00	1.1	< 1710.00	0.39	1709.62	2.4	1707.61	1.0	1705.67	1.0	1708.40	1.7	1709.09
Monthly Average	0.40	1714.76	0.79	1707.77	0.18	1714.15	0.0	1740.00	0.96	1713.18	0.33	1710.22	2.3	1707.62	1.0	1705.68	1.0	1708.41	2.0	1709.04
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	310	7/10/2024	19	7/10/2024	36	7/10/2024	150	7/11/2024	150	7/11/2024	170	7/10/2024	320	7/10/2024	360	7/10/2024	360	7/10/2024	510	7/10/2024
Hexavalent Chromium	0.84	7/31/2024	0.042	7/15/2024	0.00025 J	7/15/2024	2.1	7/11/2024	1.8	7/11/2024	0.21	7/31/2024	2.3	7/31/2024	3.9	7/15/2024	6.1	7/15/2024	11	7/31/2024
Total Chromium	1.0	7/10/2024	0.085	7/10/2024	0.0051 J	7/10/2024	1.6	7/11/2024	1.7	7/11/2024	0.41	7/10/2024	2.4	7/10/2024	4.0	7/10/2024	5.5	7/10/2024	11	7/10/2024

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 07/31, I-AR offline due to maintenance.
 3: On 07/03, 07/11, 07/18, and 07/25, bucket test performed to determine flow rates for I-AR and I-Q.
 4: On 07/11, 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 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 ⁷ (gpm)	Water Elevation (ft amsl)	Flow ⁷ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
07/01/24	0.19	1711.46	0.39	1709.27	3.0	1720.02	4.9	1711.20	2.6	1708.46	0.61	1717.87	1.3	1715.48	1.0	1719.24	0.44	1719.05	1.3	1709.50
07/02/24	0.18	1711.46	0.42	1709.27	3.0	1720.03	4.9	1711.20	2.6	1708.46	0.55	1718.32	1.3	1715.59	0.9	1719.29	0.41	1719.06	1.3	1709.50
07/03/24	0.18	1711.46	0.44	1709.27	3.0	1720.03	4.9	1711.20	2.6	1708.46	0.50	1718.68	1.2	1715.70	0.9	1719.33	0.40	1718.82	1.3	1709.50
07/04/24	0.18	1711.46	0.40	1709.28	3.0	1720.02	4.9	1711.20	2.6	1708.46	0.48	1718.83	1.2	1715.80	0.9	1719.38	0.41	1718.55	1.3	1709.49
07/05/24	0.19	1711.45	0.38	1709.26	3.0	1720.02	4.9	1711.20	2.6	1708.47	0.45	1719.07	1.2	1715.88	0.9	1719.41	0.41	1718.72	1.3	1709.50
07/06/24	0.19	1711.45	0.40	1709.27	3.1	1720.03	4.9	1711.20	2.6	1708.49	0.40	1719.43	1.1	1715.99	0.9	1719.44	0.40	1718.96	1.3	1709.52
07/07/24	0.19	1711.45	0.40	1709.26	3.0	1720.04	5.0	1711.20	2.6	1708.50	0.57	1717.98	1.7	1714.61	1.9	1715.72	0.40	1718.98	1.3	1709.52
07/08/24	0.19	1711.45	0.41	1709.28	3.0	1720.04	5.0	1711.20	2.6	1708.49	0.60	1717.31	1.8	1714.09	1.9	1714.20	0.38	1719.15	1.3	1709.52
07/09/24	0.19	1711.45	0.41	1709.29	3.0	1720.05	5.0	1711.20	2.6	1708.50	0.52	1717.71	1.7	1714.20	1.7	1714.22	0.37	1719.24	1.3	1709.52
07/10/24	0.18	1711.45	0.40	1709.30	3.0	1720.06	5.0	1711.20	2.6	1708.50	0.47	1718.02	1.7	1714.24	1.7	1714.21	0.29	1719.50	1.3	1709.54
07/11/24	0.18	1711.45	0.41	1709.28	3.0	1720.06	5.0	1711.20	2.6	1708.47	0.47	1717.97	1.6	1714.33	1.6	1714.20	0.27	1719.58	1.4	1709.55
07/12/24	0.18	1711.46	0.42	1709.30	3.0	1720.07	5.0	1711.20	2.6	1708.47	0.45	1718.08	1.6	1714.43	1.6	1714.17	0.29	1719.55	1.4	1709.52
07/13/24	0.18	1711.45	0.41	1709.31	3.0	1720.06	5.0	1711.20	2.6	1708.49	0.38	1718.48	1.5	1714.57	1.6	1714.16	0.32	1719.51	1.4	1709.48
07/14/24	0.18	1711.45	0.44	1709.27	3.0	1720.06	5.0	1711.20	2.6	1708.48	0.41	1718.30	1.5	1714.67	1.6	1714.16	0.35	1719.50	1.4	1709.47
07/15/24	0.18	1711.45	0.44	1709.27	3.0	1720.07	5.0	1711.20	2.6	1708.46	0.46	1717.97	1.5	1714.72	1.6	1714.16	0.35	1719.52	1.4	1709.52
07/16/24	0.19	1711.45	0.43	1709.29	2.9	1720.09	5.0	1711.20	2.6	1708.43	0.50	1717.62	1.4	1714.80	1.6	1714.16	0.35	1719.53	1.4	1709.49
07/17/24	0.18	1711.45	0.41	1709.31	2.9	1720.09	5.0	1711.20	2.6	1708.43	0.55	1717.20	1.4	1714.83	1.6	1714.16	0.35	1719.54	1.4	1709.56
07/18/24	0.18	1711.45	0.44	1709.33	2.9	1720.10	5.0	1711.20	2.6	1708.43	0.52	1717.32	1.4	1714.88	1.6	1714.17	0.35	1719.54	1.4	1710.46
07/19/24	0.18	1711.45	0.45	1709.30	3.0	1720.10	5.0	1711.20	2.6	1708.44	0.52	1717.34	1.4	1714.93	1.6	1714.17	0.35	1719.56	1.3	1711.68
07/20/24	0.19	1711.45	0.45	1709.30	3.0	1720.11	5.0	1711.20	2.6	1708.43	0.55	1717.07	1.4	1714.99	1.6	1714.16	0.36	1719.52	1.4	1711.78
07/21/24	0.19	1711.45	0.43	1709.32	2.9	1720.12	5.0	1711.20	2.6	1708.44	0.56	1717.00	1.3	1715.10	1.6	1714.17	0.33	1719.49	1.4	1712.21
07/22/24	0.19	1711.45	0.41	1709.31	2.9	1720.13	5.0	1711.20	2.6	1708.48	0.55	1717.07	1.3	1715.16	1.6	1714.16	0.35	1719.46	1.3	1712.54
07/23/24	0.18	1711.45	0.41	1709.32	2.9	1720.13	5.0	1711.20	2.6	1708.50	0.55	1717.06	1.3	1715.21	1.6	1714.16	0.40	1719.42	1.3	1712.64
07/24/24	0.064	1716.26	0.41	1709.30	2.9	1720.12	5.0	1711.20	2.6	1708.52	0.80	1714.94	1.9	1713.40	1.5	1714.51	0.55	1716.09	1.4	1709.93
07/25/24	0.037	1717.80	0.41	1709.29	2.9	1720.12	5.0	1711.20	2.7	1708.51	0.76	1715.26	1.9	1713.21	1.5	1714.59	0.50	1717.45	1.4	1709.44
07/26/24	0.034	1717.97	0.41	1709.29	2.9	1720.12	5.0	1711.20	2.7	1708.45	0.61	1716.71	1.9	1713.35	1.5	1714.60	0.49	1717.73	1.4	1709.44
07/27/24	0.032	1718.04	0.41	1709.31	2.9	1720.13	5.0	1711.20	2.7	1708.45	0.60	1716.93	1.8	1713.47	1.5	1714.59	0.49	1717.85	1.4	1709.45
07/28/24	0.031	1715.03	0.43	1709.32	3.0	1720.12	5.0	1711.20	2.7	1708.45	0.59	1717.05	1.8	1713.53	1.5	1714.58	0.56	1717.84	1.4	1709.46
07/29/24	0.029	1717.10	0.45	1709.30	3.0	1720.12	5.0	1711.20	2.7	1708.45	0.58	1717.14	1.8	1713.59	1.5	1714.56	0.55	1718.13	1.4	1709.45
07/30/24	0.026	1714.68	0.46	1709.30	3.0	1720.12	5.0	1711.20	2.7	1708.45	0.56	1717.39	1.7	1713.73	1.5	1714.55	0.51	1718.40	1.4	1709.46
07/31/24	0.13	1711.20	0.46	1709.31	3.0	1720.12	5.0	1711.20	2.7	1708.44	0.48	1718.04	1.6	1714.13	1.5	1714.57	0.43	1718.84	1.4	1709.45
Monthly Average	0.15	1712.63	0.42	1709.29	3.0	1720.08	5.0	1711.20	2.6	1708.47	0.54	1717.59	1.5	1714.60	1.5	1715.33	0.40	1718.91	1.3	1709.97
Analytical ¹	Conc ⁶ (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	800	7/11/2024	620	7/11/2024	330	7/11/2024	150	7/11/2024	200	7/11/2024	190	7/10/2024	480	7/10/2024	510	7/10/2024	570	7/11/2024	770	7/11/2024
Hexavalent Chromium	14	7/11/2024	11	7/11/2024	5.7	7/11/2024	2.9	7/11/2024	2.2	7/11/2024	1.1	7/31/2024	4.8	7/15/2024	6.4	7/15/2024	11	7/11/2024	10	7/11/2024
Total Chromium	15	7/11/2024	12	7/11/2024	6.2	7/11/2024	2.8	7/11/2024	2.2	7/11/2024	1.2	7/10/2024	4.9	7/10/2024	6.8	7/10/2024	10	7/11/2024	10	7/11/2024

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.
 5: From 07/24 to 07/31, I-G offline due to maintenance.
 6: Duplicates taken on 07/11 of well I-G; average of both values are presented and used for calculations.
 7: On 07/07, I-M, I-N, I-R, I-S, I-X, 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 ³ (gpm)	Water Elevation (ft amsl)	Flow ⁷ (gpm)	Water Elevation (ft amsl)	Flow ⁷ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁸ (gpm)	Water Elevation (ft amsl)	Flow ⁷ (gpm)	Water Elevation (ft amsl)	Flow ⁷ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
07/01/24	0.45	1714.54	0.82	1722.05	0.7	1718.49	0.61	1707.64	0.66	1707.67	3.7	1710.03	0.49	< 1702.72	1.2	1715.98	0.76	1717.01	5.4	1710.00
07/02/24	0.45	1714.54	0.83	1721.96	0.7	1718.64	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.49	< 1702.72	1.2	1716.03	0.76	1717.00	5.4	< 1710.00
07/03/24	0.45	1714.54	0.89	1721.51	0.7	1718.75	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.49	< 1702.66	1.1	1716.10	0.76	1717.02	4.9	< 1710.00
07/04/24	0.45	1714.54	0.95	1721.53	0.7	1718.80	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.49	< 1702.66	1.1	1716.17	0.77	1717.04	4.8	1710.00
07/05/24	0.45	1714.54	0.92	1721.70	0.7	1718.84	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.49	< 1702.66	1.1	1716.20	0.75	1717.18	5.3	< 1710.00
07/06/24	0.45	1714.54	0.90	1721.72	0.7	1718.91	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.49	< 1702.66	1.1	1716.26	0.73	1717.36	5.4	< 1710.00
07/07/24	0.45	1714.54	1.1	1718.58	1.4	1712.18	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.49	< 1702.66	2.5	1705.88	1.1	1711.28	4.8	1710.00
07/08/24	0.45	1714.54	1.1	1717.20	1.6	< 1708.37	0.61	1707.63	0.66	1707.68	3.7	1710.03	0.50	< 1702.66	2.8	< 1698.29	1.2	1708.21	5.2	1710.00
07/09/24	0.45	1714.54	1.0	1717.69	1.6	< 1707.91	0.61	1707.63	0.66	1707.68	3.7	1710.03	0.50	< 1702.66	2.7	< 1698.35	1.2	1708.38	5.4	1710.00
07/10/24	0.45	1714.54	1.1	1717.95	1.6	< 1707.77	0.61	1707.63	0.67	1707.68	3.7	1710.03	0.50	< 1702.66	2.7	< 1698.38	1.1	1708.88	5.4	1710.00
07/11/24	0.45	1714.54	1.1	1717.80	1.6	< 1707.59	0.61	1707.63	0.66	1707.68	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.38	1.2	1707.79	5.4	1710.00
07/12/24	0.45	1714.54	1.0	1717.65	1.6	< 1707.48	0.61	1707.63	0.66	1707.68	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.40	1.1	1707.70	5.4	1710.00
07/13/24	0.45	1714.54	0.99	1717.56	1.6	< 1707.54	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.40	1.1	1707.58	5.5	1710.00
07/14/24	0.45	1714.54	0.98	1717.71	1.5	< 1707.56	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.38	1.1	1707.62	5.1	1710.00
07/15/24	0.45	1714.54	0.97	1717.73	1.5	< 1707.66	0.61	1707.63	0.67	1707.68	3.7	1710.03	0.51	< 1702.63	2.6	< 1698.39	1.1	1707.83	4.7	1710.00
07/16/24	0.45	1714.54	1.0	1717.47	1.5	< 1707.66	0.61	1707.62	0.67	1707.68	3.7	1710.03	0.51	< 1702.63	2.6	< 1698.38	1.1	1707.67	4.7	1710.00
07/17/24	0.45	1714.54	1.0	1717.46	1.5	< 1707.51	0.61	1707.62	0.67	1707.68	3.7	1710.03	0.51	< 1702.63	2.6	< 1698.38	1.1	1707.53	4.7	1710.00
07/18/24	0.45	1714.54	1.0	1717.64	1.5	< 1707.48	0.61	1707.62	0.67	1707.67	3.7	1710.03	0.51	< 1702.62	2.6	< 1698.36	1.1	1707.46	4.9	1710.00
07/19/24	0.45	1714.54	1.1	1717.45	1.5	< 1707.49	0.61	1707.63	0.66	1707.67	3.7	1710.03	0.51	< 1702.62	2.6	< 1698.35	1.1	1706.98	4.9	1710.00
07/20/24	0.45	1714.54	1.1	1716.18	1.5	< 1707.56	0.61	1707.63	0.67	1707.68	3.7	1710.03	0.51	< 1702.62	2.6	< 1698.35	1.1	1706.79	4.8	1710.00
07/21/24	0.45	1714.54	1.1	1716.48	1.5	< 1707.70	0.61	1707.63	0.67	1707.68	3.7	1710.03	0.51	< 1702.62	2.6	< 1698.33	1.1	1706.72	4.7	1710.00
07/22/24	0.45	1714.54	1.1	1716.77	1.5	< 1708.01	0.61	1707.62	0.67	1707.68	3.7	1710.03	0.51	< 1702.62	2.6	< 1698.29	1.1	1706.99	4.7	1710.00
07/23/24	0.45	1714.54	1.1	1716.79	1.4	< 1708.43	0.61	1707.63	0.67	1707.68	3.7	1710.03	0.51	< 1702.62	2.6	< 1698.29	1.1	1706.85	4.6	1710.00
07/24/24	0.45	1714.54	0.84	1719.16	1.5	< 1707.04	0.62	1707.63	0.67	1707.68	3.7	1710.03	0.50	< 1702.62	2.6	< 1698.68	1.1	1710.22	5.2	1710.00
07/25/24	0.40	1714.54	0.74	1720.27	1.5	< 1706.78	0.62	1707.63	0.67	1707.68	3.7	1710.04	0.50	< 1702.63	2.6	< 1698.75	1.0	1712.09	5.2	1710.00
07/26/24	0.40	1714.54	0.74	1720.51	1.5	< 1706.93	0.63	1707.63	0.67	1707.68	3.7	1710.04	0.50	< 1702.63	2.6	< 1698.76	1.0	1712.98	5.2	1710.00
07/27/24	0.40	1714.54	0.72	1721.04	1.5	< 1707.49	0.63	1707.62	0.67	1707.68	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.75	1.0	1713.48	5.3	1710.00
07/28/24	0.40	1714.53	0.70	1721.20	1.4	< 1708.77	0.63	1707.62	0.67	1707.68	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.75	1.0	1713.65	5.4	< 1710.00
07/29/24	0.40	1714.53	0.68	1721.42	1.4	< 1710.00	0.63	1707.61	0.67	1707.68	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.75	1.0	1713.62	5.4	1710.00
07/30/24	0.40	1714.53	0.66	1721.74	1.3	1711.27	0.63	1707.62	0.67	1707.68	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.74	1.0	1713.91	5.4	< 1710.00
07/31/24	0.40	1714.53	0.59	1722.25	1.2	1712.45	0.63	1707.62	0.67	1707.67	3.7	1710.03	0.50	< 1702.63	2.6	< 1698.72	0.89	1715.35	5.0	1710.00
Monthly Average	0.44	1714.54	0.93	1719.17	1.3	1710.29	0.61	1707.63	0.67	1707.68	3.7	1710.03	0.50	1702.64	2.3	1702.14	1.0	1710.97	5.1	1710.00
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	470	7/11/2024	420	7/10/2024	270	7/10/2024	660	7/11/2024	680	7/11/2024	490	7/11/2024	750	7/11/2024	530	7/10/2024	290	7/10/2024	120	7/11/2024
Hexavalent Chromium	12	7/11/2024	0.76	7/31/2024	1.5	7/31/2024	13	7/11/2024	12	7/11/2024	7.8	7/11/2024	10	7/11/2024	9.5	7/15/2024	1.0	7/31/2024	3.7	7/11/2024
Total Chromium	12	7/11/2024	0.80	7/10/2024	1.4	7/10/2024	14	7/11/2024	15	7/11/2024	11	7/11/2024	13	7/11/2024	9.0	7/10/2024	1.1	7/10/2024	3.9	7/11/2024

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.
 3: On 07/03, 07/11, 07/18, and 07/25, bucket test performed to determine flow rates for I-AR and I-Q.
 7: On 07/07, I-M, I-N, I-R, I-S, I-X, and I-Y adjusted to meet flow targets as described by the trust.
 8: On 07/03, 07/11, 07/18, and 07/25, I-W water level measured manually due to water level dropping below transducer level.

Table 4 - Treatment Plant Operational Metrics

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)
07/01/24	773	60				0.0				995		46				
07/02/24	756	60	0.51	0.00032 J	260	4.9	0.070	0.065	31	976		45	81 D	7.9	0.089	0.034
07/03/24	741	60				0.0				1090		44				
07/04/24	737	60				0.0				959		46				
07/05/24 ³	677	60				0.0				949		46				
07/06/24	749	60				0.0				967	41	46				
07/07/24	747	59				0.0				967		46				
07/08/24	756	60				0.0				976		47				
07/09/24	706	60	0.45	0.00039 J	430	0.0				973		45		8.4	0.08	0.033
07/10/24	503	60				0.0				699		45				
07/11/24	782	28				0.0				869		56				
07/12/24	810	60				0.0				870		55				
07/13/24	817	60				0.0				877	46	56				
07/14/24	805	60				0.0				865		39				
07/15/24	803	60				0.0				863		50				
07/16/24	813	60	0.53	0.00028 J	370	0.0				873		56		10	0.10	0.048
07/17/24	850	62				0.0				912		57				
07/18/24	801	58				0.0				867		52				
07/19/24	812	61				0.0				922		49				
07/20/24	842	59				0.0				923	50	51				
07/21/24	819	48				0.0				871		51				
07/22/24	814	48				0.0				869		55				
07/23/24	832	55	0.42	0.00031 J	400	0.0				887		56		9.8	0.10	0.045
07/24/24	840	55				0.0				896		49				
07/25/24	844	60				0.0				950		48				
07/26/24	833	60				0.0				925		48				
07/27/24	850	60				0.0				945	48	50				
07/28/24	831	60				0.0				997		46				
07/29/24	843	60				0.0				996		50				
07/30/24	772	52	0.49	0.00026 J	600	0.0				882		48		8.3	0.099	0.044
07/31/24	756	60				0.0				888		50				
Monthly Average ²	784	58	0.48	0.00031	409	0.16	0.070	0.065	31	919	46	49	81	9.0	0.094	0.041

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.
 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 07/05, LS #2 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 ¹							
	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)
07/01/24	1071	6.8	-394	724	6.8	-410	946		ND					25
07/02/24	1081	6.7	-421	738	6.7	-419	970		ND	ND	0.025	ND	ND	43
07/03/24	1103	6.7	-399	752	6.7	-423	966		ND					12
07/04/24	1098	6.7	-384	553	6.7	-419	967		ND					25
07/05/24	1101	6.7	-397	732	6.7	-414	950		ND					25
07/06/24	1061	6.7	-368	700	6.7	-410	953	ND D	ND					15
07/07/24	1056	6.7	-407	700	6.7	-417	934		ND					15
07/08/24	1068	6.7	-388	709	6.7	-415	939		ND					20
07/09/24	1077	6.7	-397	715	6.7	-417	959		ND		0.011	ND	ND	22
07/10/24	1018	6.8	-402	658	6.8	-418	305		ND					18
07/11/24	879	6.7	-390	583	6.7	-408	846		ND					5.0
07/12/24	885	6.8	-375	590	6.8	-417	773		ND					15
07/13/24	890	6.8	-395	589	6.8	-421	794	ND D	ND					19
07/14/24	890	6.8	-390	586	6.8	-421	806		ND					11
07/15/24	876	6.8	-407	572	6.8	-425	782		ND					11
07/16/24	892	6.8	-404	567	6.8	-424	801		ND		0.012	ND	ND	17
07/17/24	946	6.8	-401	602	6.8	-427	799		ND					26
07/18/24	998	6.9	-420	660	6.9	-428	878		ND					15
07/19/24	1011	6.9	-422	669	6.9	-429	877		ND					8.0
07/20/24	1025	7.0	-421	688	7.0	-428	922	ND D	ND					11
07/21/24	1038	7.0	-412	697	7.0	-417	702		ND					20
07/22/24	831	7.0	-333	675	7.0	-423	755		ND					17
07/23/24	973	7.0	-419	671	7.0	-428	891		ND		0.028	ND	ND	18
07/24/24	973	7.0	-422	670	7.0	-427	790		ND					24
07/25/24	1008	7.0	-420	649	7.0	-426	923		ND					11
07/26/24	1030	7.0	-421	672	7.0	-426	919		ND					10
07/27/24	1011	7.0	-398	674	7.0	-420	938	ND D	ND					22
07/28/24	1055	7.0	-421	703	7.0	-426	947		ND					22
07/29/24	1053	6.9	-394	712	6.9	-427	944		ND					32
07/30/24	1017	6.9	-333	667	6.9	-417	743		ND		0.019	ND	ND	4.0
07/31/24	1012	6.7	-252	658	6.7	-379	921		ND					7.0
Monthly Average ²	1001	6.8	-394	662	6.8	-420	859	ND	ND	ND	0.019	ND	ND	18

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.

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)
07/15/24	30.8	35.6
07/31/24	31.4	34.8

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
07/10/24	18	364	655	65
07/24/24	4.8	273	615	56

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)		
Aug 2023	938	48	9.5	97	378	419
Sep 2023	980	51	9.7	80	370	402
Oct 2023	1,004	44	8.7	99	393	395
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

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 ³ (gpm)	Water Elevation (ft amsl)
07/01/24	2.2	1712.43	0.36	1713.30	0.48	1711.51	0.50	1716.84	0.8	1715.753	1.3	1717.05	1.2	1716.03	0.36	1710.52
07/02/24	2.4	1711.94	0.39	1713.44	0.52	1712.00	0.55	1717.15	0.9	1715.313	1.4	1717.82	1.3	1716.98	0.41	1711.01
07/03/24	2.3	1713.11	0.39	1712.33	0.15	1712.42	0.53	1717.22	0.9	1716.273	1.1	1715.55	1.3	1715.61	0.38	1710.17
07/04/24	2.2	1713.48	0.38	1711.53	0.57	1712.84	0.52	1716.89	0.8	1715.453	1.5	1715.28	1.3	1715.71	0.41	1710.32
07/05/24	2.2	1713.38	0.37	1712.36	0.55	1713.27	0.52	1716.82	0.85	1715.523	1.3	1715.02	1.3	1715.76	0.41	1710.27
07/06/24	2.3	1713.33	0.37	1713.46	0.53	1713.12	0.51	1716.99	0.84	1716.123	1.3	1715.30	1.3	1715.96	0.41	1710.24
07/07/24	2.3	1713.87	0.34	1713.31	0.52	1712.52	0.49	1716.60	0.82	1716.073	1.3	1715.25	1.3	1715.51	0.42	1710.15
07/08/24	2.2	1713.32	0.31	1713.23	0.51	1711.96	0.47	1715.65	0.81	1717.453	1.3	1715.94	1.3	1716.54	0.41	1709.57
07/09/24	2.3	1711.50	0.34	1713.47	0.51	1712.61	0.46	1716.01	0.81	1716.803	1.3	1716.84	1.2	1715.70	0.42	1710.59
07/10/24	2.3	1712.26	0.30	1713.81	0.52	1711.98	0.47	1715.80	0.83	1716.393	1.3	1716.02	1.3	1715.46	0.40	1710.31
07/11/24	2.2	1712.23	0.32	1712.76	0.51	1711.85	0.49	1716.02	0.84	1716.123	1.3	1715.95	1.3	1715.56	0.44	1710.22
07/12/24	2.2	1713.30	0.22	1712.31	0.52	1711.87	0.48	1715.99	0.98	1715.523	1.3	1716.20	1.3	1715.76	0.43	1710.13
07/13/24	2.2	1713.33	0.32	1713.16	0.53	1711.79	0.44	1718.67	0.68	1715.873	1.4	1716.07	1.3	1715.99	0.43	1710.32
07/14/24	2.1	1712.02	0.32	1712.53	0.52	1712.52	0.74	1708.97	0.81	1716.593	1.3	1716.51	1.2	1715.44	0.43	1711.29
07/15/24	2.2	1713.26	0.29	1711.83	0.52	1711.97	0.73	1709.09	0.85	1716.053	1.4	1715.74	1.2	1716.70	0.44	1710.99
07/16/24	2.1	1712.87	0.31	1711.83	0.51	1711.01	0.70	1709.32	0.80	1715.483	1.3	1716.42	1.2	1717.90	0.44	1710.46
07/17/24	2.2	1712.54	0.32	1714.43	0.52	1712.15	0.71	1709.19	0.82	1716.873	1.3	1716.25	1.3	1716.88	0.37	1709.99
07/18/24	2.2	1712.48	0.31	1714.21	0.51	1712.29	0.71	1708.84	0.81	1716.893	1.3	1716.30	1.2	1717.15	0.42	1709.64
07/19/24	2.2	1712.13	0.34	1714.36	0.51	1712.27	0.72	1708.89	0.80	1716.843	1.2	1716.90	1.1	1717.01	0.43	1709.67
07/20/24	2.4	1712.60	0.34	1713.63	0.56	1712.42	0.76	1710.60	0.79	1716.623	1.3	1716.24	1.3	1717.33	0.38	1709.62
07/21/24	2.4	1712.79	0.33	1713.84	0.55	1712.45	0.76	1711.69	0.79	1716.413	1.3	1715.42	1.3	1717.93	0.38	1709.49
07/22/24	2.0	1712.24	0.33	1713.25	0.47	1713.33	0.66	1712.15	0.68	1716.053	0.95	1715.92	0.8	1717.68	0.49	1709.95
07/23/24	2.2	1713.19	0.37	1712.79	0.51	1712.23	0.75	1711.37	0.77	1715.293	1.0	1716.38	1.2	1716.20	0.41	1710.47
07/24/24	2.2	1712.10	0.33	1713.29	0.53	1710.80	0.74	1711.71	0.73	1716.413	0.91	1716.39	1.1	1716.29	0.38	1711.80
07/25/24	2.2	1712.80	0.24	1713.50	0.52	1710.52	0.75	1708.67	0.76	1717.773	0.97	1719.55	1.2	1716.16	0.39	1710.59
07/26/24	2.2	1712.93	0.36	1713.63	0.53	1710.62	0.75	1708.82	0.76	1716.393	1.0	1717.60	1.2	1716.11	0.39	1712.02
07/27/24	2.2	1712.98	0.37	1713.36	0.53	1710.62	0.74	1708.92	0.95	1715.623	1.1	1717.95	1.2	1717.16	0.38	1710.82
07/28/24	2.2	1713.33	0.38	1714.66	0.54	1709.92	0.73	1708.76	0.94	1715.423	1.1	1716.95	1.2	1717.31	0.43	1712.02
07/29/24	2.3	1713.23	0.39	1714.36	0.52	1710.52	0.58	1712.22	0.90	1716.323	1.1	1717.14	1.2	1718.01	0.40	1711.59
07/30/24	2.2	1712.32	0.38	1714.27	0.53	1711.02	0.59	1711.42	0.89	1715.523	1.0	1716.86	1.2	1717.22	0.40	1710.59
07/31/24	2.2	1712.63	0.39	1713.96	0.53	1711.87	0.71	1715.67	0.92	1717.773	1.1	1717.55	1.2	1715.66	0.40	1715.82
Monthly Average	2.2	1712.77	0.34	1713.30	0.51	1711.88	0.62	1713.00	0.83	1716.23	1.2	1716.46	1.2	1716.48	0.41	1710.66
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	420	7/15/2024	640	7/15/2024	290	7/15/2024	79	7/15/2024	335	7/15/2024	820	7/15/2024	800	7/15/2024	900	7/15/2024
Hexavalent Chromium	0.10	7/15/2024	0.64	7/15/2024	0.65	7/15/2024	0.024	7/15/2024	0.025	7/15/2024	0.12	7/15/2024	0.097	7/15/2024	0.24	7/15/2024
Total Chromium	0.11	7/15/2024	0.69	7/15/2024	0.69	7/15/2024	0.028	7/15/2024	0.029	7/15/2024	0.12	7/15/2024	0.11	7/15/2024	0.31	7/15/2024

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 07/15 of well E2-2; average of both values are presented and used for calculations.
 3: From 07/29 to 07/31, E2-5 flow meter offline due to maintenance; averaged flows are presented during these dates.

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

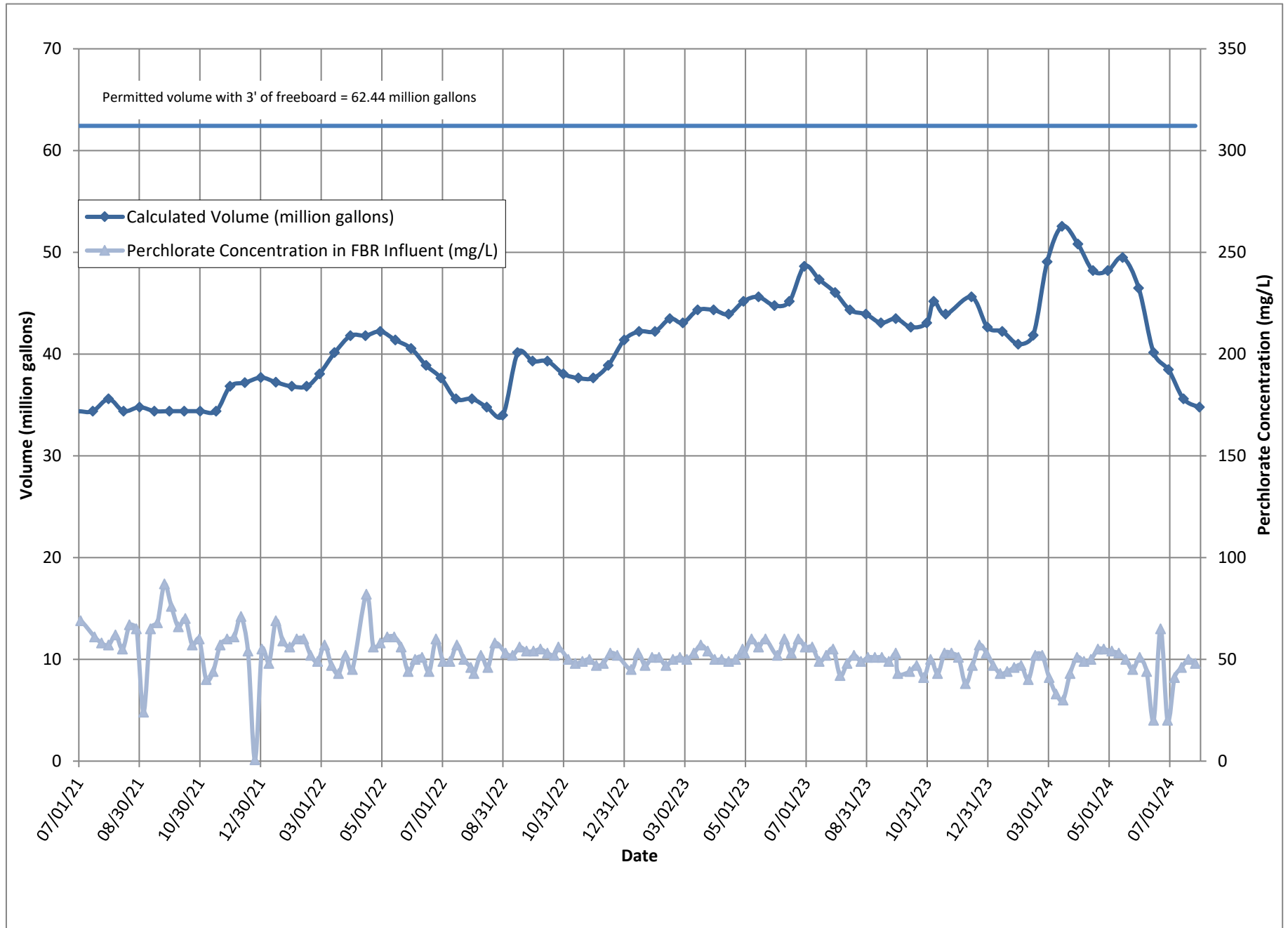


Figure 2 - FBR Equivalent Loading Calculation

