

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																			
Date	LS #1 Flow ^{2,3} (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 ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)
05/01/24	403	160	1539.79	71	1520.18	121	1545.68	109	1534.39	64	1547.84	115	1548.27	49	< 1525.00	20	1555.00	8.1	1555.00
05/02/24	403	160	1539.75	71	1520.17	121	1545.65	109	1534.34	64	1547.82	115	1548.25	49	< 1525.00	20	1555.00	7.9	1555.00
05/03/24	403	160	1539.71	71	1520.17	121	1545.63	109	1534.31	64	1547.81	115	1548.24	49	< 1525.00	20	1555.00	7.9	1555.00
05/04/24	402	160	1539.68	71	1520.16	121	1545.62	109	1534.28	64	1547.79	115	1548.23	49	< 1525.00	20	1555.00	7.9	1555.00
05/05/24	402	159	1539.65	70	1520.15	121	1545.59	109	1534.25	64	1547.78	115	1548.20	49	< 1525.00	20	1555.00	7.8	1555.00
05/06/24	402	159	1539.70	70	1520.15	121	1545.58	109	1534.27	64	1547.77	115	1548.19	49	< 1525.00	20	1555.00	7.8	1555.00
05/07/24	402	160	1539.69	70	1520.14	121	1545.57	109	1534.25	64	1547.76	115	1548.18	49	< 1525.00	20	1555.00	7.8	1555.00
05/08/24	402	160	1539.65	70	1520.13	121	1545.55	109	1534.21	64	1547.73	115	1548.15	49	< 1525.00	20	1555.00	7.7	1555.00
05/09/24	402	160	1539.62	70	1520.12	121	1545.53	109	1534.18	64	1547.72	115	1548.14	49	< 1525.00	20	1555.00	7.7	1555.00
05/10/24	402	160	1539.59	70	1520.12	121	1545.51	109	1534.15	64	1547.71	115	1548.13	49	< 1525.00	20	1555.00	7.7	1555.00
05/11/24	402	160	1539.57	70	1520.11	121	1545.50	109	1534.13	64	1547.69	115	1548.11	49	< 1525.00	20	1555.00	7.6	1555.00
05/12/24	402	160	1539.54	70	1520.11	121	1545.48	109	1534.11	64	1547.69	115	1548.10	49	< 1525.00	20	1555.00	7.5	1555.00
05/13/24	398	158	1539.68	70	1520.45	120	1545.54	107	1534.33	63	1547.71	114	1548.13	48	< 1525.00	20	1555.00	7.9	1555.00
05/14/24	403	160	1539.56	71	1520.12	121	1545.46	109	1534.16	64	1547.67	115	1548.07	49	< 1525.00	20	1555.00	7.9	1555.00
05/15/24	402	160	1539.51	71	1520.11	121	1545.43	109	1534.12	64	1547.65	115	1548.05	49	< 1525.00	20	1555.00	7.7	1555.00
05/16/24	402	160	1539.48	70	1520.11	121	1545.41	109	1534.08	64	1547.63	115	1548.02	49	< 1525.00	20	1555.00	7.6	1555.00
05/17/24	402	160	1539.44	70	1520.10	121	1545.39	109	1534.04	64	1547.61	115	1548.00	49	< 1525.00	20	1555.00	7.5	1555.00
05/18/24	402	159	1539.41	70	1520.10	121	1545.36	109	1534.01	64	1547.59	115	1547.98	49	< 1525.00	20	1555.00	7.5	1555.00
05/19/24	402	160	1539.38	70	1520.10	121	1545.33	109	1533.98	64	1547.57	115	1547.96	49	< 1525.00	20	1555.00	7.5	1555.00
05/20/24	401	159	1539.34	70	1520.09	121	1545.31	109	1533.95	64	1547.55	115	1547.93	49	< 1525.00	20	1555.00	7.5	1555.00
05/21/24	401	159	1539.32	70	1520.09	121	1545.32	109	1533.92	64	1547.53	115	1547.90	49	< 1525.00	20	1555.00	7.5	1528.47
05/22/24	401	159	1539.30	70	1520.08	121	1545.33	109	1533.90	64	1547.53	115	1547.89	49	< 1525.00	20	1550.70	7.5	1520.02
05/23/24	390	155	1539.60	68	1520.91	117	1545.48	105	1534.37	62	1547.61	112	1547.98	47	< 1525.00	19	1550.73	7.5	1520.95
05/24/24	402	159	1539.34	70	1520.09	121	1545.31	108	1533.96	64	1547.51	115	1547.87	49	< 1525.00	20	1550.66	7.6	1520.01
05/25/24	401	159	1539.28	70	1520.08	121	1545.27	108	1533.91	64	1547.48	115	1547.83	49	< 1525.00	20	1550.63	7.5	1520.01
05/26/24	401	159	1539.25	70	1520.08	121	1545.24	108	1533.87	64	1547.46	115	1547.81	49	< 1525.00	20	1550.60	7.3	1520.01
05/27/24	401	159	1539.22	70	1520.08	121	1545.22	108	1533.84	64	1547.44	115	1547.79	49	< 1525.00	20	1550.58	7.5	1520.01
05/28/24	182	72	1544.25	32	1535.83	57	1547.96	49	1541.85	29	1548.84	108	1548.68	46	< 1550.21	19	1551.06	7.6	1522.19
05/29/24	402	160	1539.61	70	1520.08	121	1545.533	109	1534.241	64	1547.64	115	1548.03	49	< 1549.76	20	1550.77	7.7	1520.01
05/30/24	402	159	1539.41	70	1520.08	121	1545.374	109	1534.056	64	1547.54	115	1547.90	49	< 1549.64	20	1550.67	7.6	1520.01
05/31/24	401	159	1539.2856	70	1520.09	121	1545.29	109	1533.95	64	1547.48	115	1547.82	49	< 1549.57	20	1550.61	7.5	1520.01
Monthly Average	394	156	1539.66	69	1520.66	119	1545.53	107	1534.37	62	1547.68	115	1548.06	49	< 1531.00	20	1553.50	7.7	1542.96
Analytical ¹		Conc (mg/L)	Date	Conc (mg/L)	Date	Conc ² (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate		13	05/14/2024	11	05/14/2024	6.1	05/14/2024	8.8	05/14/2024	3.0	05/14/2024	0.80	05/14/2024	0.099	05/14/2024	0.077	05/14/2024	1.8	05/14/2024
Hexavalent Chromium		0.0033	05/14/2024	0.00032	05/14/2024	ND	05/14/2024	0.0050	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024
Total Chromium		ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024	ND	05/14/2024

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 05/21, LS #1 offline briefly due to maintenance.
 3: On 05/28, LS#1 offline due to maintenance.
 4: Duplicates taken on 05/14 of well PC-115R; average of both values is presented and used for calculations.
 5: From 05/01 to 05/20, PC-121 and PC-133 water level transducers faulted. Transducers replaced on 05/21.

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 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)	Flow ³ (gpm)	Water Elevation (ft amsl)	Flow ⁴ (gpm)	Water Elevation (ft amsl)
05/01/24	391	42	1587.47	129	1587.32	26	1586.21	3.7	1582.88	64	1582.64	29	1582.89	141	1585.41	3.0	1579.73
05/02/24	399	42	1587.44	129	1587.29	26	1586.18	3.7	1582.85	64	1582.54	28	1582.84	141	1585.39	3.0	1579.67
05/03/24	389	42	1587.42	129	1587.27	26	1586.16	3.7	1582.83	64	1582.43	28	1582.65	141	1585.37	3.0	1579.66
05/04/24	394	39	1583.22	129	1587.25	25	1586.14	3.7	1582.80	64	1582.33	29	1582.58	141	1585.36	3.0	1579.70
05/05/24	388	33	1575.62	130	1587.26	25	1586.14	3.7	1582.78	64	1582.22	29	1582.51	141	1585.36	3.0	1579.69
05/06/24	392	33	1575.62	131	1587.26	25	1586.14	3.7	1582.77	64	1582.11	29	1582.45	141	1585.35	3.0	1579.69
05/07/24	388	32	1575.60	129	1587.26	25	1586.14	3.7	1582.76	64	1581.99	29	1582.38	141	1585.35	3.0	1579.68
05/08/24	390	32	1575.60	130	1587.24	25	1586.12	3.7	1582.74	64	1581.86	29	1582.32	141	1585.34	3.0	1579.68
05/09/24	389	32	1575.60	130	1587.22	25	1586.11	3.7	1582.72	64	1581.72	29	1582.27	141	1585.32	3.0	1579.66
05/10/24	384	32	1575.60	129	1587.21	25	1586.10	3.7	1582.71	64	1581.57	29	1582.22	141	1585.31	3.0	1579.67
05/11/24	387	31	1575.60	129	1587.20	25	1586.09	3.7	1582.70	64	1581.40	29	1582.17	141	1585.31	3.0	1579.69
05/12/24	395	31	1575.60	129	1587.19	25	1586.09	3.7	1582.69	64	1581.22	29	1582.10	141	1585.30	3.0	1579.63
05/13/24	386	31	1575.76	128	1587.22	25	1586.12	3.7	1582.75	63	1581.18	29	1582.11	139	1585.33	3.0	1579.80
05/14/24	389	31	1575.60	129	1587.16	25	1586.06	3.7	1582.68	64	1580.87	29	1582.01	141	1585.27	3.0	1579.73
05/15/24	387	31	1575.60	129	1587.14	25	1586.05	3.7	1582.66	64	1580.55	29	1581.96	141	1585.26	3.0	1579.75
05/16/24	390	31	1575.60	129	1587.12	25	1586.03	3.7	1582.64	64	1580.17	29	1581.90	141	1585.24	3.0	1579.70
05/17/24	390	31	1575.60	129	1587.10	25	1586.02	3.7	1582.62	63	1579.73	29	1581.85	141	1585.23	3.0	1579.77
05/18/24	392	31	1575.60	130	1587.08	25	1586.00	3.7	1582.59	63	1579.12	29	1581.79	141	1585.21	3.0	1579.74
05/19/24	386	31	1575.60	129	1587.06	26	1585.99	3.7	1582.58	63	1577.84	29	1581.74	141	1585.19	3.0	1579.72
05/20/24	383	31	1575.60	129	1587.04	26	1585.98	3.7	1582.56	62	1576.56	29	1581.69	141	1585.18	3.0	1579.74
05/21/24	386	31	1575.60	129	1587.01	26	1585.96	3.7	1582.53	62	1576.24	29	1581.65	141	1585.15	3.0	1579.73
05/22/24	386	31	1575.60	129	1587.00	26	1585.96	3.7	1582.52	61	1575.97	29	1581.60	141	1585.15	3.0	1579.71
05/23/24	384	31	1575.60	129	1586.98	26	1585.95	3.7	1582.50	61	1575.95	29	1581.55	141	1585.13	3.0	1579.69
05/24/24	385	31	1575.60	129	1586.96	26	1585.93	3.7	1582.48	60	1575.94	29	1581.49	141	1585.12	3.0	1579.74
05/25/24	381	31	1575.60	129	1587.05	26	1585.95	3.7	1582.45	60	1575.94	29	1581.46	126	1584.41	3.0	1579.68
05/26/24	287	32	1575.60	130	1587.67	26	1586.23	3.7	1582.59	59	1575.94	28	1581.42	81	1582.19	3.0	1579.78
05/27/24	332	32	1575.60	130	1587.89	26	1586.43	3.7	1582.76	59	1575.94	29	1581.38	81	1582.37	3.0	1579.79
05/28/24	330	33	1575.61	130	1588.02	26	1586.56	3.7	1582.87	58	1575.94	29	1581.33	81	1582.46	3.0	1579.82
05/29/24	329	33	1575.60	130	1588.11	26	1586.649	3.7	1582.959	58	1575.94	28	1581.29	81	1582.54	3.0	1579.75
05/30/24	332	33	1575.60	130	1588.18	26	1586.722	3.7	1583.033	57	1575.94	29	1581.26	81	1582.59	3.0	1579.77
05/31/24	319	33	1575.60	130	1588.22	26	1586.78	3.7	1583.09	58	1575.94	25	1582.81	82	1582.69	3.0	1579.72
Monthly Average	376	33	1577.00	129	1587.32	26	1586.16	3.7	1582.71	62	1579.22	28	1581.99	129	1584.71	3.0	1579.72
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	05/14/2024	6.6	05/14/2024	140	05/14/2024	110	05/14/2024	140	05/14/2024	61	05/14/2024	45	05/14/2024	57	05/14/2024	
Hexavalent Chromium	0.00059	05/14/2024	0.0025	05/14/2024	0.22	05/14/2024	0.15	05/14/2024	0.90	05/14/2024	0.35	05/14/2024	0.045	05/14/2024	0.066	05/14/2024	
Total Chromium	0.0014 J	05/14/2024	0.0055 J	05/14/2024	0.23	05/14/2024	0.16	05/14/2024	0.98	05/14/2024	0.36	05/14/2024	0.051	05/14/2024	0.070	05/14/2024	

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 05/04, ART-1A offline for maintenance.
 3: From 05/25 to 05/31, ART-8A switched to ART-8.
 4: On 04/16, Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow determined from flow tests was 3.0 from 05/01 to 05/31. Flow used for calculation purposes and was steady throughout the month but the totalizer showed zero
 5: Duplicates taken on 4/15 of well PC-150; average of both values is presented and used for calculations.

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 (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)
05/01/24	0.60	1714.69	0.79	1707.80	0.36	< 1710.00	0.0	1740.00	1.0	1714.54	0.33	1709.86	2.4	1707.61	1.0	1705.69	1.0	1708.45	1.7	1709.16
05/02/24	0.60	1714.70	0.79	1707.82	0.36	< 1710.00	0.0	1740.00	1.0	1714.25	0.34	1709.86	2.4	1707.61	1.0	1705.69	1.0	1708.44	1.7	1709.17
05/03/24	0.60	1714.69	0.80	1707.78	0.35	< 1710.00	0.0	1740.00	1.0	1714.31	0.32	1709.87	2.4	1707.61	1.0	1705.69	1.0	1708.44	1.7	1709.17
05/04/24	0.60	1714.68	0.79	1707.75	0.35	< 1710.00	0.0	1740.00	1.0	1714.63	0.31	1709.86	2.4	1707.63	1.0	1705.68	1.0	1708.44	1.7	1709.18
05/05/24	0.50	1714.67	0.80	1707.73	0.35	< 1710.00	0.0	1740.00	1.0	1714.89	0.33	1709.90	2.4	1707.60	1.0	1705.67	1.0	1708.44	1.7	1709.18
05/06/24	0.50	1714.68	0.80	1707.74	0.11	1715.26	0.0	1740.00	1.0	1714.58	0.35	1709.89	2.4	1707.60	1.0	1705.68	1.0	1708.44	1.7	1709.17
05/07/24	0.50	1714.68	0.81	1707.73	0.0	1718.21	0.0	1740.00	1.0	1714.18	0.34	1709.88	2.4	1707.60	1.0	1705.69	1.0	1708.44	1.7	1709.18
05/08/24	0.50	1714.66	0.81	1707.73	0.0	1718.22	0.0	1740.00	1.0	1714.11	0.35	1709.86	2.4	1707.60	1.0	1705.68	1.0	1708.44	1.8	1709.18
05/09/24	0.50	1714.68	0.81	1707.74	0.0	1718.23	0.01	1740.00	1.0	1714.03	0.36	1709.87	2.4	1707.60	1.0	1705.69	1.0	1708.44	1.8	1709.19
05/10/24	0.50	1714.69	0.81	1707.72	0.0	1718.23	0.0	1740.00	1.0	1714.37	0.36	1709.85	2.4	1707.61	1.0	1705.69	1.0	1708.44	1.8	1709.19
05/11/24	0.50	1714.69	0.81	1707.72	0.0	1718.24	0.0	1740.00	1.0	1714.32	0.34	1709.87	2.4	1707.61	1.0	1705.69	1.0	1708.43	1.8	1709.19
05/12/24	0.50	1714.67	0.81	1707.72	0.0	1718.24	0.0	1740.00	1.0	1714.55	0.33	1709.85	2.4	1707.61	1.0	1705.69	1.0	1708.43	1.8	1709.19
05/13/24	0.50	1714.67	0.81	1707.72	0.0	1718.24	0.0	1740.00	1.0	1714.48	0.32	1709.86	2.3	1707.61	1.0	1705.69	1.0	1708.42	1.8	1709.20
05/14/24	0.50	1714.67	0.81	1707.72	0.0	1718.15	0.0	1740.00	1.0	1714.60	0.34	1709.84	2.3	1707.61	1.0	1705.69	1.0	1708.43	1.8	1709.20
05/15/24	0.50	1714.68	0.81	1707.72	0.0	1718.27	0.0	1740.00	1.0	1714.89	0.34	1709.86	2.3	1707.61	1.0	1705.69	1.0	1708.44	1.8	1709.21
05/16/24	0.50	1714.67	0.81	1707.71	0.0	1718.28	0.0	1740.00	0.94	1715.79	0.30	1709.84	2.3	1707.61	1.0	1705.69	1.0	1708.43	1.8	1709.21
05/17/24	0.50	1714.67	0.81	1707.72	0.0	1718.29	0.0	1740.00	0.94	1715.71	0.33	1709.84	2.3	1707.61	1.0	1705.69	1.0	1708.43	1.8	1709.22
05/18/24	0.50	1714.67	0.81	1707.72	0.0	1718.29	0.0	1740.00	0.94	1715.70	0.33	1709.85	2.3	1707.61	1.0	1705.69	1.0	1708.43	1.8	1709.21
05/19/24	0.50	1714.67	0.81	1707.69	0.0	1718.30	0.0	1740.00	0.94	1715.66	0.32	1709.83	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.22
05/20/24	0.50	1714.67	0.81	1707.68	0.0	1718.30	0.0	1740.00	0.94	1715.79	0.33	1709.86	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.22
05/21/24	0.50	1714.66	0.81	1707.68	0.0	1718.28	0.0	1740.00	0.94	1715.71	0.34	1709.84	2.4	1707.61	1.0	1705.69	1.1	1708.40	1.9	1709.22
05/22/24	0.50	1714.67	0.81	1707.68	0.0	1718.28	0.0	1740.00	0.95	1715.54	0.33	1709.84	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.24
05/23/24	0.50	1714.67	0.80	1707.68	0.0	1718.28	0.0	1740.00	1.0	1715.32	0.33	1709.83	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.25
05/24/24	0.50	1714.67	0.80	1707.68	0.0	1718.27	0.0	1740.00	1.0	1715.31	0.33	1709.84	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.25
05/25/24	0.50	1714.67	0.80	1707.68	0.0	1718.27	0.0	1740.00	0.95	1715.44	0.33	1709.86	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.23
05/26/24	0.50	1714.70	0.80	1707.68	0.0	1718.27	0.0	1740.00	0.95	1715.45	0.34	1709.83	2.4	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.23
05/27/24	0.50	1714.69	0.80	1707.68	0.0	1718.28	0.0	1740.00	0.95	1715.46	0.33	1709.82	2.3	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.23
05/28/24	0.50	1714.69	0.80	1707.68	0.0	1718.29	0.0	1740.00	0.95	1715.42	0.33	1709.82	2.3	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.24
05/29/24	0.50	1714.69	0.80	1707.70	0.0	1718.30	0.0	1740.00	0.95	1715.44	0.32	1709.82	2.3	1707.61	1.0	1705.69	1.1	1708.41	1.9	1709.25
05/30/24	0.50	1714.70	0.80	1707.70	0.0	1718.30	0.0	1740.00	0.95	1715.36	0.33	1709.84	2.3	1707.61	1.0	1705.68	1.1	1708.41	1.9	1709.25
05/31/24	0.50	1714.67	0.81	1707.70	0.0	1718.31	0.0	1740.00	0.95	1715.29	0.33	1709.83	2.3	1707.61	1.0	1705.69	1.0	1708.40	1.9	1709.25
Monthly Average	0.51	1714.68	0.80	1707.71	0.061	1716.83	0.0	1740.00	0.96	1715.00	0.33	1709.85	2.4	1707.61	1.0	1705.69	1.0	1708.42	1.8	1709.21
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	05/06/2024	21	05/06/2024	56	05/14/2024	190	05/09/2024	250	05/09/2024	160	05/06/2024	375	05/09/2024	430	05/09/2024	390	05/09/2024	520	05/09/2024
Hexavalent Chromium	0.89	05/06/2024	0.042	05/06/2024	0.00055	05/14/2024	1.6	05/09/2024	1.6	05/09/2024	0.15	05/06/2024	2.4	05/09/2024	3.9	05/09/2024	5.2	05/09/2024	10	05/09/2024
Total Chromium	1.1	05/06/2024	0.16	05/06/2024	0.026	05/14/2024	2.1	05/09/2024	2.1	05/09/2024	0.27	05/06/2024	3.3	05/09/2024	4.8	05/09/2024	7.2	05/09/2024	12	05/09/2024

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 05/01, 05/05, 05/16, and 05/23, bucket test performed to determine flow rates for I-AR and I-AC.
 3: On 05/09, I-AD online for sampling.
 4: Duplicates taken on 05/09 of well I-C; average of both values is presented and used for calculations.

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 ^{5,6} (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)
05/01/24	0.19	1711.30	0.46	1709.34	4.3	1720.05	5.1	1711.21	2.7	1708.47	1.0	< 1712.01	1.9	1712.92	1.7	1714.93	0.59	1717.19	1.4	1709.46
05/02/24	0.19	1711.30	0.45	1709.30	4.3	1720.04	5.1	1711.21	2.7	1708.47	1.0	< 1712.01	1.8	1712.99	1.7	1714.94	0.60	1715.85	1.4	1709.46
05/03/24	0.19	1711.31	0.43	1709.31	4.2	1720.04	5.1	1711.22	2.7	1708.46	1.0	< 1712.01	1.8	1713.05	1.6	1715.05	0.61	1715.42	1.4	1709.46
05/04/24	0.19	1711.30	0.44	1709.31	4.0	1720.05	5.1	1711.21	2.7	1708.45	1.0	< 1712.01	1.8	1713.09	1.7	1715.03	0.60	1716.03	1.4	1709.46
05/05/24	0.19	1711.30	0.47	1709.34	4.3	1720.03	5.1	1711.21	2.7	1708.46	1.0	< 1712.01	1.8	1713.13	1.7	1715.02	0.59	1717.01	1.3	1709.45
05/06/24	0.19	1711.30	0.48	1709.30	4.3	1720.03	5.1	1711.21	2.7	1708.45	1.0	< 1711.25	1.8	1713.18	1.7	1715.02	0.60	1715.96	1.3	1709.46
05/07/24	0.19	1711.30	0.47	1709.30	4.3	1720.04	5.1	1711.21	2.7	1708.47	1.0	< 1711.25	1.7	1713.23	1.6	1715.02	0.60	1716.49	1.3	1709.46
05/08/24	0.19	1711.30	0.48	1709.33	4.4	1720.03	5.1	1711.21	2.7	1708.47	1.0	< 1711.25	1.7	1713.30	1.7	1715.01	0.60	1715.75	1.3	1709.45
05/09/24	0.19	1711.30	0.48	1709.30	4.3	1720.02	5.1	1711.21	2.7	1708.47	1.0	< 1711.25	1.7	1713.39	1.7	1715.16	0.59	1715.16	1.3	1709.50
05/10/24	0.19	1711.31	0.48	1709.28	4.3	1720.02	5.1	1711.20	2.7	1708.47	1.0	< 1711.25	1.6	1713.57	1.7	1715.22	0.58	1716.75	1.3	1709.49
05/11/24	0.19	1711.31	0.48	1709.28	4.3	1720.03	5.1	1711.20	2.7	1708.47	1.0	< 1711.25	1.6	1713.79	1.7	1715.20	0.58	1716.98	1.3	1709.51
05/12/24	0.19	1711.31	0.48	1709.28	4.1	1720.03	5.1	1711.20	2.7	1708.48	1.0	< 1711.25	1.6	1713.84	1.7	1715.18	0.58	1717.01	1.3	1709.52
05/13/24	0.19	1711.31	0.48	1709.29	3.7	1720.04	5.1	1711.20	2.7	1708.48	0.89	< 1714.07	1.6	1713.85	1.7	1715.16	0.58	1717.08	1.3	1709.52
05/14/24	0.19	1711.31	0.44	1709.29	3.5	1720.04	5.1	1711.20	2.7	1708.48	0.84	1714.10	1.6	1713.88	1.6	1715.14	0.57	1717.45	1.3	1709.52
05/15/24	0.19	1711.31	0.41	1709.30	3.5	1720.04	5.1	1711.20	2.7	1708.48	0.84	< 1714.03	1.5	1713.92	1.6	1715.13	0.57	1717.42	1.3	1709.50
05/16/24	0.19	1711.31	0.40	1709.30	3.5	1720.04	5.1	1711.20	2.7	1708.48	0.83	1714.17	1.5	1713.97	1.7	1715.13	0.57	1717.29	1.3	1709.50
05/17/24	0.19	1711.31	0.40	1709.30	3.4	1720.04	5.1	1711.20	2.7	1708.48	0.82	1714.29	1.5	1714.05	1.6	1715.12	0.54	1717.69	1.3	1709.52
05/18/24	0.19	1711.31	0.40	1709.31	3.4	1720.04	5.1	1711.20	2.7	1708.48	0.78	1714.65	1.5	1714.16	1.7	1715.13	0.52	1718.18	1.3	1709.53
05/19/24	0.19	1711.31	0.42	1709.30	3.4	1720.04	5.1	1711.20	2.7	1708.48	0.75	1714.97	1.5	1714.21	1.7	1715.12	0.51	1718.23	1.3	1709.53
05/20/24	0.19	1711.31	0.42	1709.31	3.5	1720.04	5.0	1711.20	2.7	1708.47	0.76	1714.94	1.4	1714.30	1.7	1715.12	0.51	1718.31	1.3	1709.54
05/21/24	0.18	1711.31	0.44	1709.32	3.5	1720.03	5.0	1711.19	2.7	1708.47	0.76	1714.89	1.4	1714.31	1.7	1715.12	0.51	1718.25	1.3	1709.53
05/22/24	0.19	1711.30	0.44	1709.27	3.5	1720.04	5.0	1711.19	2.7	1708.46	0.78	1714.72	1.4	1714.37	1.7	1715.12	0.50	1718.38	1.3	1709.54
05/23/24	0.19	1711.31	0.44	1709.29	3.4	1720.04	5.0	1711.20	2.7	1708.47	0.78	1714.71	1.4	1714.40	1.7	1715.12	0.51	1718.39	1.3	1709.54
05/24/24	0.19	1711.30	0.43	1709.29	3.4	1720.05	5.0	1711.20	2.7	1708.47	0.75	1714.93	1.4	1714.47	1.7	1715.13	0.51	1718.40	1.3	1709.52
05/25/24	0.19	1711.30	0.45	1709.31	3.5	1720.04	5.0	1711.19	2.7	1708.47	0.72	1715.25	1.4	1714.55	1.7	1715.12	0.49	1718.62	1.3	1709.52
05/26/24	0.19	1711.30	0.44	1709.30	3.4	1720.03	5.0	1711.20	2.7	1708.47	0.75	1714.94	1.3	1714.71	1.7	1715.12	0.48	1718.58	1.3	1709.52
05/27/24	0.19	1711.31	0.42	1709.29	3.4	1720.03	5.0	1711.20	2.7	1708.46	0.78	1714.70	1.3	1714.81	1.7	1715.13	0.48	1718.55	1.3	1709.52
05/28/24	0.19	1711.31	0.40	1709.29	3.4	1720.04	5.0	1711.20	2.7	1708.47	0.79	1714.61	1.2	1714.88	1.7	1715.12	0.49	1718.49	1.3	1709.52
05/29/24	0.19	1711.31	0.41	1709.30	3.4	1720.04	5.0	1711.20	2.7	1708.48	0.8	1714.38	1.2	1715.04	1.7	1715.13	0.49	1718.52	1.3	1709.52
05/30/24	0.19	1711.31	0.42	1709.30	3.3	1720.04	5.0	1711.20	2.7	1708.48	0.8	1714.52	1.2	1715.11	1.6	1715.13	0.49	1718.48	1.3	1709.55
05/31/24	0.19	1711.31	0.41	1709.30	3.3	1720.05	5.0	1711.20	2.7	1708.48	0.8	1714.43	1.8	1713.28	1.6	1715.13	0.50	1718.45	1.3	1709.54
Monthly Average	0.19	1711.31	0.44	1709.30	3.8	1720.04	5.1	1711.20	2.7	1708.47	0.9	< 1713.42	1.5	1713.93	1.7	1715.10	0.55	1717.43	1.3	1709.51
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	930	05/09/2024	660	05/09/2024	320	05/09/2024	160	05/09/2024	300	05/09/2024	230	05/06/2024	490	05/09/2024	460	05/09/2024	560	05/09/2024	990	05/09/2024
Hexavalent Chromium	15	05/09/2024	11	05/09/2024	5.7	05/09/2024	2.9	05/09/2024	2.2	05/09/2024	1.1	05/06/2024	4.6	05/09/2024	6.0	05/09/2024	10	05/09/2024	9.9	05/09/2024
Total Chromium	19	05/09/2024	17	05/09/2024	7	05/09/2024	3.8	05/09/2024	3.1	05/09/2024	1.4	05/06/2024	5.2	05/09/2024	7.7	05/09/2024	12	05/09/2024	12	05/09/2024

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: On 05/01, I-L, I-W, and I-Y water level measured manually due to water level dropping below transducer level.
 6: On 05/01, I-L, and I-Y water level measured manually due to water level dropping below transducer level.
 7: On 05/31, I-M 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 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 ^{8,9} (gpm)	Water Elevation (ft amsl)	Flow ^{8,9} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{5,6,9} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
05/01/24	0.45	1714.544	1.0	1712.15	1.5	< 1706.68	0.61	1707.61	0.66	1707.67	3.7	< 1709.43	0.49	< 1701.53	2.2	1711.72	1.1	< 1699.86	6.0	1710.03
05/02/24	0.45	1714.543	1.0	1712.16	1.5	< 1706.69	0.61	1707.61	0.66	1707.66	3.7	< 1709.43	0.49	< 1701.53	2.2	1711.75	1.1	< 1699.86	6.0	1710.04
05/03/24	0.45	1714.545	1.0	1712.09	1.5	< 1706.69	0.61	1707.61	0.66	1707.67	3.7	< 1709.43	0.49	< 1701.53	2.2	1711.91	1.1	< 1699.86	5.9	1710.00
05/04/24	0.45	1714.544	1.0	1711.94	1.5	< 1706.69	0.61	1707.61	0.66	1707.67	3.7	< 1709.43	0.49	< 1701.53	2.1	1712.02	1.1	< 1699.86	5.8	1710.04
05/05/24	0.45	1714.54	1.0	1711.78	1.5	< 1706.68	0.61	1707.61	0.65	1707.67	3.7	< 1709.43	0.49	< 1701.53	2.2	1711.98	1.1	< 1699.86	6.7	1710.06
05/06/24	0.45	1714.542	1.1	1713.48	1.5	< 1706.69	0.61	1707.61	0.66	1707.67	3.7	< 1709.43	0.49	< 1701.53	2.1	1712.04	1.1	< 1701.47	6.7	1710.05
05/07/24	0.45	1714.543	1.1	1714.34	1.5	< 1706.69	0.61	1707.61	0.66	1707.67	3.7	< 1709.43	0.49	< 1701.53	2.1	1712.27	1.1	< 1701.47	5.5	1710.04
05/08/24	0.45	1714.541	1.2	1714.30	1.5	< 1706.69	0.61	1707.60	0.66	1707.66	3.7	< 1707.43	0.49	< 1702.51	2.1	1712.61	1.1	< 1701.47	5.3	1710.05
05/09/24	0.45	1714.542	1.2	1714.21	1.5	< 1706.69	0.61	1707.61	0.66	1707.66	3.7	< 1707.43	0.49	< 1702.51	2.0	1712.86	1.1	< 1701.47	6.1	1710.05
05/10/24	0.45	1714.542	1.2	1714.20	1.5	< 1706.69	0.61	1707.60	0.66	1707.67	3.7	< 1707.43	0.49	< 1702.51	2.0	1712.96	1.1	< 1701.47	5.9	1710.04
05/11/24	0.45	1714.543	1.2	1714.14	1.5	< 1706.69	0.61	1707.60	0.66	1707.67	3.7	< 1707.43	0.49	< 1702.51	2.0	1712.98	1.1	< 1701.47	5.9	1710.04
05/12/24	0.45	1714.544	1.1	1714.06	1.5	< 1706.70	0.61	1707.61	0.66	1707.67	3.7	< 1707.43	0.49	< 1702.51	2.0	1713.01	1.1	< 1701.47	6.0	1710.03
05/13/24	0.45	1714.545	1.0	1714.00	1.5	< 1706.70	0.61	1707.61	0.66	1707.67	3.7	< 1707.43	0.49	< 1702.51	2.0	1713.03	1.1	< 1701.47	5.5	1710.03
05/14/24	0.45	1714.546	1.0	1713.59	1.5	< 1706.70	0.61	1707.61	0.66	1707.67	3.7	< 1707.43	0.49	< 1702.51	2.0	1713.06	1.1	< 1701.47	5.5	1710.03
05/15/24	0.45	1714.546	1.0	1713.36	1.5	< 1706.70	0.61	1707.61	0.66	1707.67	3.7	< 1707.43	0.49	< 1702.51	2.0	1713.09	1.1	< 1701.47	5.5	1710.03
05/16/24	0.45	1714.545	1.0	1713.10	1.5	< 1706.71	0.61	1707.61	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	2.0	1713.15	1.1	< 1701.03	5.6	1710.03
05/17/24	0.45	1714.546	1.0	1713.32	1.5	< 1706.71	0.61	1707.62	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	2.0	1713.16	1.1	< 1701.03	5.1	1710.03
05/18/24	0.45	1714.546	1.0	1713.64	1.5	< 1706.72	0.61	1707.62	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	1.9	1713.25	1.1	< 1701.03	4.8	1710.03
05/19/24	0.45	1714.545	1.0	1714.60	1.5	< 1706.72	0.61	1707.62	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	1.9	1713.26	1.1	< 1701.03	5.0	1710.03
05/20/24	0.45	1714.544	1.0	1714.15	1.5	< 1706.72	0.61	1707.62	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	1.9	1713.25	1.1	< 1701.03	5.2	1710.03
05/21/24	0.45	1714.543	1.0	1714.98	1.5	< 1706.72	0.61	1707.61	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	1.9	1713.31	1.1	< 1701.03	5.7	1710.03
05/22/24	0.45	1714.635	1.1	1714.86	1.5	< 1706.72	0.61	1707.62	0.66	1707.67	3.7	< 1708.01	0.49	< 1702.34	1.9	1713.31	1.1	< 1701.03	5.5	1710.03
05/23/24	0.50	1714.546	1.0	1714.76	1.5	< 1706.72	0.61	1707.62	0.66	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.30	1.1	< 1700.97	4.9	1710.03
05/24/24	0.50	1714.546	1.0	1714.68	1.5	< 1706.72	0.61	1707.62	0.67	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.31	1.1	< 1700.97	4.9	1710.03
05/25/24	0.50	1714.545	1.0	1714.63	1.5	< 1706.72	0.61	1707.62	0.66	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.29	1.1	< 1700.97	5.4	1710.03
05/26/24	0.50	1714.546	1.0	1714.55	1.5	< 1706.72	0.61	1707.63	0.66	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.28	1.1	< 1700.97	5.2	1710.03
05/27/24	0.50	1714.546	1.0	1714.15	1.5	< 1706.73	0.61	1707.63	0.66	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.31	1.1	< 1700.97	5.0	1710.03
05/28/24	0.50	1714.547	1.0	1714.18	1.5	< 1706.72	0.61	1707.63	0.66	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.32	1.1	< 1700.97	5.0	1710.03
05/29/24	0.50	1714.55	1.0	1713.92	1.5	< 1706.72	0.61	1707.63	0.67	1707.67	3.7	< 1708.23	0.49	< 1702.40	1.9	1713.32	1.1	< 1700.97	4.9	1710.03
05/30/24	0.50	1714.55	1.0	1714.05	1.5	< 1706.73	0.61	1707.63	0.67	1707.67	3.7	< 1708.20	0.49	< 1702.57	1.9	1713.33	1.1	< 1701.16	4.9	1710.03
05/31/24	0.50	1714.55	1.0	1714.11	1.5	< 1706.73	0.61	1707.63	0.67	1707.68	3.7	< 1708.20	0.49	< 1702.57	1.9	1713.37	1.1	< 1701.16	4.8	1710.02
Monthly Average	0.46	1714.55	1.0	1713.79	1.5	1706.71	0.61	1707.62	0.66	1707.67	3.7	< 1708.18	0.49	1702.26	2.0	1712.90	1.1	< 1700.98	5.5	1710.03
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	560	05/09/2024	550	05/06/2024	320	05/06/2024	790	05/09/2024	820	05/09/2024	520	05/09/2024	540	05/09/2024	540	05/09/2024	280	05/06/2024	81	05/09/2024
Hexavalent Chromium	12	05/09/2024	0.68	05/06/2024	1.3	05/06/2024	12	05/09/2024	12	05/09/2024	7.7	05/09/2024	10	05/09/2024	8.8	05/09/2024	1.0	05/06/2024	3.7	05/09/2024
Total Chromium	17	05/09/2024	1.1	05/06/2024	1.6	05/06/2024	21	05/09/2024	18	05/09/2024	9.5	05/09/2024	12	05/09/2024	12	05/09/2024	1.2	05/06/2024	5.9	05/09/2024

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 05/01, 05/05, 05/16, and 05/23, bucket test performed to determine flow rates for I-AR and I-Q.
 5: On 05/01, I-L, I-W, and I-Y water level measured manually due to water level dropping below transducer level.
 6: On 05/01, I-L, and I-Y water level measured manually due to water level dropping below transducer level.
 8: On 05/07, I-V and I-W water level measured manually due to water level dropping below transducer level.
 9: On 05/23 and 05/30, I-V, I-W, and I-Y 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)
05/01/24	896	46				0.0				943		57		0.87	0.39	0.26
05/02/24	850	47	0.21	0.00030 J	370	0.0				896		59				
05/03/24	754	47				0.0				801		61				
05/04/24	778	50				0.0				828	54	62				
05/05/24	765	46				0.0				811		60				
05/06/24	757	42				0.0				799		64				
05/07/24	779	59				0.0				837		65				
05/08/24	768	59	0.63	0.00043 J	380	1.0				826		62		10	0.15	0.071
05/09/24	752	44				0.0	0.10	0.087	33	796		62				
05/10/24	758	48				0.0				807		61				
05/11/24	781	59				0.0				840	53	56				
05/12/24	766	60				0.0				826		47	130			
05/13/24	757	52				0.0				821		48				
05/14/24	754	49				0.0				871		46				
05/15/24	764	47	0.52	0.00045 J	410	0.0				844		61		7.9	0.11	0.087
05/16/24	780	42				0.0				862		55				
05/17/24	836	60				0.0				942		54				
05/18/24	877	60				0.0				937	50	57				
05/19/24	871	60				0.0				937		57				
05/20/24	856	60				0.0				916		54				
05/21/24	856	54				0.0				910		52				
05/22/24	852	62	0.48	0.00037 J	360	0.0				915		53		9.6	0.12	0.068
05/23/24	838	57				0.0				1057		52				
05/24/24	776	60				0.0				909		53				
05/25/24	766	60				0.0				1001	45	52				
05/26/24	725	60				0.0				959		54				
05/27/24	710	60				0.0				997		59				
05/28/24	485	60				0.0				1158		54				
05/29/24	635	60	0.51	0.00044 J	340	0.0				870		53		8.0	0.12	0.058
05/30/24	706	60				0.0				939		52				
05/31/24	705	60				0.0				938		53				
Monthly Average ²	773	55	0.49	0.00040	372	0.035	0.10	0.087	33	896	50	56	130	7.9	0.16	0.094

Notes:

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

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

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.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics														
Date	1st Stage FBR ³			2nd Stage FBR ³			FBR Plant Effluent ¹							
	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)
05/01/24	939	6.4	-406	939	6.6	-430	692		0.0		0.089	0.00020 J	0.026 J H	2.0
05/02/24	956	6.5	-356	956	5.3	-421	694		0.0					5.0
05/03/24	954	6.4	-354	954	4.5	-424	692		0.0					11
05/04/24	957	6.5	-333	957	4.5	-426	701	ND D	0.0					24
05/05/24	907	6.5	-243	907	6.4	-360	702		0.0					12
05/06/24	942	6.3	-240	942	6.5	-327	356		2.5					22
05/07/24	957	6.4	-181	957	6.7	-353	624		0.0					18
05/08/24	956	6.4	-303	956	6.7	-383	708		0.0		0.03 J	ND	ND	28
05/09/24	1000	6.4	-290	377	6.4	-289	607		0.0					13
05/10/24	966	6.4	-309	667	6.5	-299	731		0.0					19
05/11/24	958	6.4	-271	730	6.5	-306	732	ND	0.0					24
05/12/24	984	6.3	-126	687	6.4	-319	726		0.0	ND D				28
05/13/24	977	6.5	-318	636	6.6	-177	712		0.0					23
05/14/24	925	6.5	-208	897	6.6	-290	703		0.0					16
05/15/24	875	6.6	-223	707	6.6	-288	788		1.1		0.062	ND	ND	8.0
05/16/24	902	6.2	-263	884	6.5	-338	806		0.0					2.0
05/17/24	978	6.4	-243	877	6.6	-304	887		0.0					23
05/18/24	998	6.3	-231	779	6.6	-307	766	ND D	0.0					7.0
05/19/24	998	6.5	-252	734	6.6	-311	743		0.0					1.0
05/20/24	1046	6.6	-250	709	6.6	-316	767		0.0					20
05/21/24	1030	6.6	-247	950	6.6	-319	763		0.0					14
05/22/24	1046	6.6	-285	967	6.6	-312	912		0.0		0.045	ND	0.028 J	15
05/23/24	1174	6.6	-344	953	6.8	-313	900		0.0					15
05/24/24	1174	6.6	-285	953	6.8	-312	895		0.0					12
05/25/24	1115	6.6	-361	873	6.8	-306	930	ND D	0.0					27
05/26/24	1141	6.7	-372	1008	6.8	-305	944		0.0					26
05/27/24	1163	6.4	-363	960	6.8	-260	949		0.0					17
05/28/24	1198	6.3	-352	849	6.7	-235	857		0.0					24
05/29/24	1173	6.3	-357	944	6.7	-257	945		0.0		0.012	ND	ND	17
05/30/24	1160	6.6	-348	942	6.8	-298	940		0.0					18
05/31/24	1148	6.7	-358	973	6.8	-303	936		0.0					22
Monthly Average ²	1022	6.5	-296	859	6.4	-322	778	ND	0.072	ND	0.014	0.016	0.010	17

Notes:

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

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

H = Sample was prepped or analyzed beyond the specified holding time

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)
05/15/24	20.4	49.5
05/31/24	22.6	46.5

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
05/08/24	17	552	993	239
05/25/24	4.2	745	1,867	5,192

GW-11 Composite Sample ³		
Analytes	Concentration	Units
Perchlorate	12	mg/L
Chlorate	14	mg/L
Ammonia as N	0.043 J	mg/L
Total Phosphorus	0.750	mg/L
Total Dissolved Solids (TDS)	8,700 D	mg/L
Total Suspended Solids (TSS)	50	mg/L
pH	9.0 H	s.u.
Calcium	420	mg/L
Iron	0.51	mg/L
Chromium (total)	0.052	mg/L
Chromium VI	0.090 J6	mg/L
Chloride	3,500	mg/L
Nitrate as N	0.21	mg/L
Sulfate	2,800	mg/L

Notes:

D = Result was obtained from the analysis of a dilution.

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

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

J6 = Sample matrix interfered with the ability to make an accurate determination; spike value is low.

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: February 26, 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)		
June 2023	946	57	8.9	100	400	403
July 2023	946	53	6.6	150	466	420
Aug 2023	938	48	9.5	97	378	419
Sep 2023	980	51	9.7	80	370	402
Oct 2023	1,004	44	8.7	99	393	395
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

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 ³ (gpm)	Water Elevation (ft amsl)	Flow ^{3,4} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
05/01/24	2.1	1712.56	0.51	1709.99	0.43	1708.87	0.79	1714.96	1.0	1713.263	1.3	1715.85	1.3	1715.893	0.41	1710.61
05/02/24	2.0	1712.45	0.60	1710.11	0.16	1708.74	0.86	1714.92	0.91	1713.073	1.3	1715.10	1.1	1715.663	0.48	1710.23
05/03/24	2.2	1712.33	0.54	1710.31	0.23	1709.00	0.85	1715.27	1.0	1713.173	1.4	1713.71	1.3	1715.283	0.49	1710.37
05/04/24	2.1	1712.36	0.57	1710.63	0.26	1708.97	0.85	1715.29	1.0	1713.443	1.4	1714.12	1.3	1714.363	0.50	1710.22
05/05/24	2.2	1712.38	0.53	1710.66	0.43	1709.19	0.77	1715.29	0.97	1713.423	1.3	1715.15	1.2	1714.713	0.46	1710.32
05/06/24	2.1	1712.33	0.52	1710.55	0.32	1709.80	0.72	1714.96	0.95	1713.263	1.3	1715.18	1.2	1714.993	0.45	1710.29
05/07/24	2.2	1712.15	0.55	1710.72	0.42	1710.57	0.76	1715.22	0.98	1713.443	1.4	1715.25	1.2	1714.763	0.46	1710.40
05/08/24	2.2	1711.61	0.55	1710.44	0.36	1710.76	0.70	1715.59	0.97	1713.143	1.4	1714.70	1.2	1714.933	0.44	1710.31
05/09/24	2.2	1711.28	0.41	1709.14	0.38	1711.47	0.70	1716.51	0.98	1713.023	1.4	1713.86	1.2	1715.113	0.45	1710.20
05/10/24	2.0	1712.08	0.51	1709.88	0.37	1711.25	0.68	1717.17	1.0	1713.323	1.4	1713.41	1.2	1715.233	0.46	1710.17
05/11/24	2.1	1712.18	0.52	1709.78	0.38	1710.63	0.79	1715.65	1.0	1713.273	1.3	1713.79	1.2	1713.843	0.48	1710.15
05/12/24	2.1	1712.08	0.51	1710.08	0.37	1711.15	0.76	1716.04	1.0	1713.323	1.4	1713.77	1.3	1713.853	0.48	1710.18
05/13/24	2.1	1712.09	0.49	1709.74	0.38	1710.81	0.75	1716.00	1.0	1712.923	1.4	1713.70	1.3	1714.213	0.48	1710.20
05/14/24	2.1	1711.71	0.48	1709.76	0.39	1710.33	0.72	1716.24	1.0	1712.503	1.4	1713.33	1.3	1713.223	0.47	1709.69
05/15/24	1.8	1714.56	0.53	1711.23	0.51	1710.41	0.67	1716.17	0.99	1713.883	1.2	1713.91	1.3	1714.613	0.48	1710.36
05/16/24	1.9	1714.97	0.56	1710.96	0.51	1710.47	0.67	1716.50	1.0	1713.813	1.2	1714.18	1.3	1714.653	0.49	1710.12
05/17/24	1.9	1714.53	0.56	1711.28	0.48	1710.59	0.65	1716.94	1.0	1713.913	1.2	1715.69	1.2	1715.573	0.49	1710.18
05/18/24	2.0	1715.28	0.56	1711.37	0.46	1710.60	0.63	1717.80	1.0	1714.103	1.2	1715.84	1.2	1715.713	0.49	1710.15
05/19/24	2.1	1713.17	0.52	1710.99	0.45	1710.65	0.76	1716.09	0.98	1714.603	1.1	1715.40	1.2	1715.963	0.50	1710.15
05/20/24	2.1	1713.13	0.51	1711.07	0.45	1710.91	0.89	1711.34	0.99	1714.413	1.2	1715.35	1.2	1715.733	0.50	1710.26
05/21/24	2.1	1711.56	0.47	1711.05	0.41	1711.02	0.88	1711.69	0.97	1714.163	1.1	1715.22	1.2	1715.993	0.48	1709.47
05/22/24	2.1	1711.73	0.47	1710.96	0.42	1710.64	0.89	1711.62	0.98	1713.733	1.1	1715.40	1.2	1715.913	0.49	1709.60
05/23/24	2.1	1711.41	0.47	1711.09	0.42	1710.89	0.90	1711.62	0.99	1714.003	1.1	1716.55	1.2	1716.113	0.49	1710.00
05/24/24	2.1	1710.64	0.46	1711.41	0.41	1710.60	0.89	1711.90	0.98	1714.113	1.1	1717.27	1.2	1716.223	0.48	1710.15
05/25/24	2.1	1711.59	0.47	1711.34	0.41	1710.58	0.82	1713.24	0.98	1714.013	1.1	1717.82	1.2	1716.473	0.50	1710.14
05/26/24	2.1	1711.79	0.47	1711.33	0.44	1709.41	0.85	1711.70	0.98	1713.263	1.1	1718.04	1.2	1717.193	0.50	1710.45
05/27/24	1.7	1716.22	0.45	1711.05	0.44	1710.08	0.83	1712.65	0.98	1712.733	1.1	1716.41	1.2	1717.043	0.51	1710.97
05/28/24	1.8	1714.47	0.52	1711.43	0.44	1710.26	0.84	1712.51	1.0	1712.823	1.1	1717.22	1.2	1715.753	0.48	1709.66
05/29/24	1.8	1715.70	0.48	1711.56	0.41	1710.54	0.87	1712.70	1.0	1713.133	1.2	1717.13	1.3	1715.993	0.46	1709.80
05/30/24	1.7	1715.43	0.47	1711.63	0.39	1710.30	0.88	1711.79	1.0	1712.913	1.2	1716.62	1.3	1715.033	0.46	1710.26
05/31/24	1.6	1716.23	0.46	1711.81	0.37	1709.92	0.86	1711.35	0.98	1713.303	1.2	1715.57	1.3	1714.593	0.45	1710.12
Monthly Average	2.0	1712.97	0.51	1710.76	0.40	1710.31	0.79	1714.41	0.99	1713.47	1.2	1715.31	1.2	1715.31	0.48	1710.16
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	430	05/14/2024	430	05/14/2024	430	05/14/2024	59	05/14/2024	370	05/14/2024	960	05/14/2024	890	05/14/2024	1000	05/14/2024
Hexavalent Chromium	0.10	05/14/2024	0.11	05/14/2024	0.10	05/14/2024	0.024	05/14/2024	0.016	05/14/2024	0.11	05/14/2024	0.099	05/14/2024	0.23	05/14/2024
Total Chromium	0.09	05/14/2024	0.11	05/14/2024	0.092	05/14/2024	0.018 _J	05/14/2024	0.016 _J	05/14/2024	0.12	05/14/2024	0.097	05/14/2024	0.25	05/14/2024

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.
 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: Duplicates taken on 05/14 of well E1-1; average of both values is presented and used for calculations.
 3: On 05/14, E1-2 and E1-3 offline due to maintenance.
 4: On 05/02, E1-3 flowmeter faulted.

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

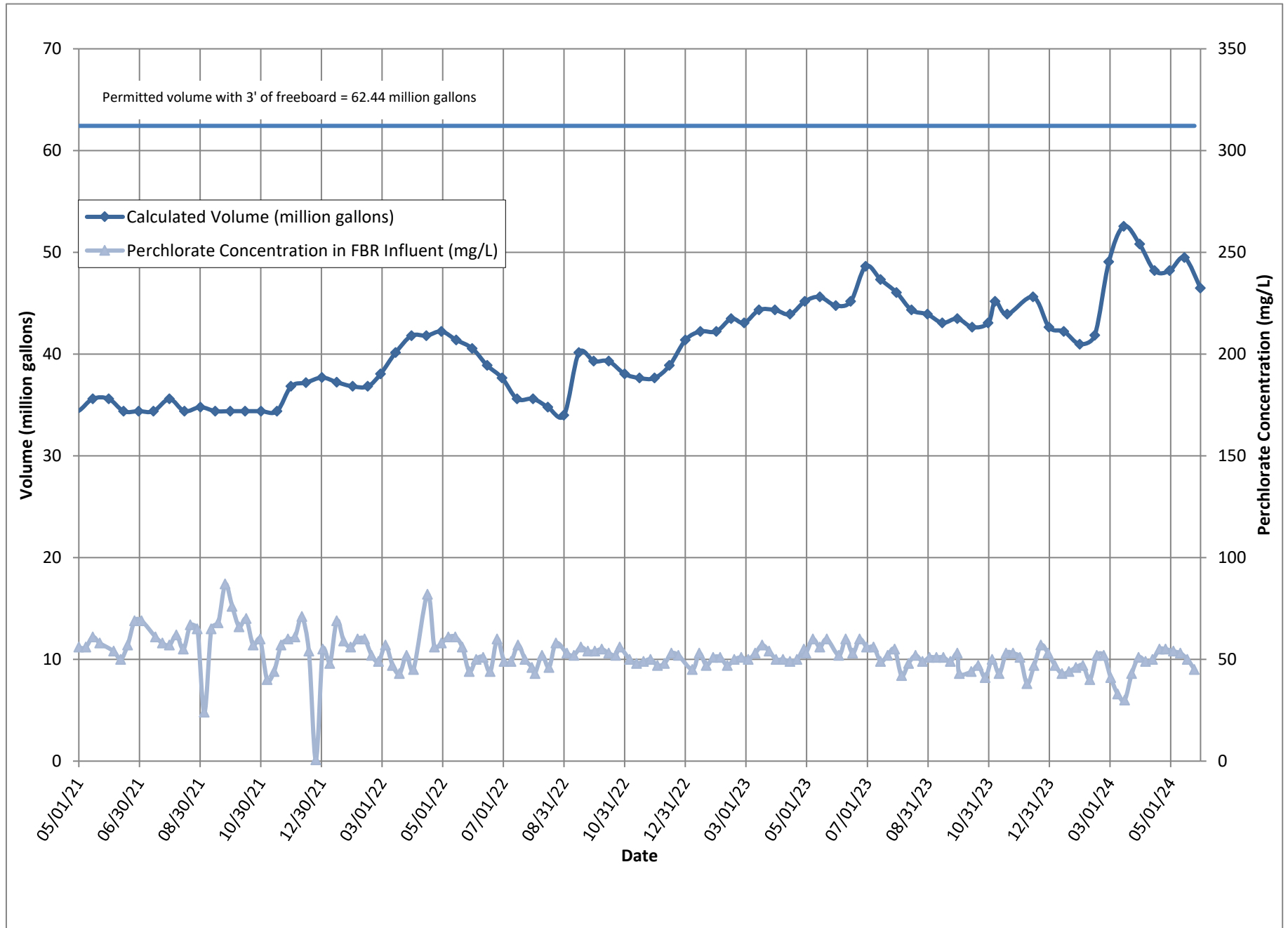


Figure 2 - FBR Equivalent Loading Calculation

