

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																					
Date	LS #1 Flow (gpm)	PC-116R (East Well)		PC-99R2/R3 (Center Well)		PC-115R (West Well)		PC-117		PC-118		PC-119		PC-120		PC-121		PC-133			
		Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)		
09/01/24	527	159	1538.97	71	1520.23	127	1545.12	108	1533.68	62	1547.10	115	1547.72	49	1549.53	20	1550.61	8.1	1520.01		
09/02/24	526	159	1538.96	69	1520.23	127	1545.12	108	1533.67	62	1547.09	115	1547.72	49	1549.53	20	1550.61	8.1	1520.01		
09/03/24	524	159	1538.95	68	1520.23	127	1545.11	108	1533.66	62	1547.08	115	1547.72	49	1549.52	20	1550.60	8.1	1520.01		
09/04/24	522	160	1539.03	66	1520.23	127	1545.12	108	1533.72	62	1547.08	115	1547.71	49	1549.52	20	1550.60	8.1	1520.01		
09/05/24	520	160	1539.01	64	1520.23	127	1545.10	108	1533.69	62	1547.06	115	1547.69	49	1549.50	20	1550.58	8.1	1520.00		
09/06/24	520	159	1538.99	64	1520.24	127	1545.09	108	1533.67	62	1547.04	115	1547.68	49	1549.49	20	1550.57	8.1	1520.00		
09/07/24	520	159	1538.98	64	1520.24	127	1545.08	108	1533.66	62	1547.03	115	1547.68	49	1549.49	20	1550.57	8.1	1520.00		
09/08/24	520	159	1538.95	64	1520.24	127	1545.07	108	1533.65	62	1547.02	115	1547.67	49	1549.47	20	1550.56	8.1	1520.00		
09/09/24	524	159	1538.93	68	1520.24	127	1545.07	108	1533.64	62	1547.01	115	1547.66	49	1549.47	20	1550.55	8.1	1520.00		
09/10/24	527	159	1538.91	71	1520.24	127	1545.06	108	1533.62	62	1547.00	115	1547.65	49	1549.46	20	1550.54	8.1	1520.00		
09/11/24	525	159	1538.93	70	1520.24	127	1545.06	107	1533.63	62	1546.99	115	1547.65	49	1549.45	20	1550.54	8.1	1520.01		
09/12/24	523	159	1539.01	68	1520.27	127	1545.09	107	1533.72	62	1546.99	115	1547.64	48	1549.45	20	1550.53	8.1	1520.06		
09/13/24	521	160	1538.99	65	1520.24	127	1545.08	108	1533.68	62	1546.98	115	1547.63	49	1549.44	20	1550.53	8.1	1520.00		
09/14/24	522	160	1538.97	66	1520.23	127	1545.07	108	1533.65	62	1546.97	115	1547.64	49	1549.45	20	1550.53	8.1	1520.00		
09/15/24	524	160	1538.96	68	1520.24	127	1545.08	108	1533.63	62	1546.98	115	1547.65	49	1549.46	20	1550.55	8.1	1520.00		
09/16/24	515	157	1539.13	67	1520.66	125	1545.19	106	1533.91	61	1547.04	113	1547.71	48	1549.51	20	1550.59	8.1	1520.52		
09/17/24	523	159	1539.04	67	1520.23	127	1545.12	108	1533.72	62	1546.98	115	1547.67	49	1549.49	20	1550.58	8.3	1520.00		
09/18/24	524	159	1539.03	68	1520.23	127	1545.13	108	1533.70	62	1546.99	115	1547.69	49	1549.51	20	1550.60	8.3	1520.00		
09/19/24	523	159	1539.03	67	1520.23	127	1545.14	108	1533.70	62	1546.99	115	1547.70	49	1549.52	20	1550.61	8.2	1520.00		
09/20/24	522	159	1539.03	66	1520.23	127	1545.15	107	1533.69	62	1547.00	115	1547.71	49	1549.53	20	1550.62	8.2	1520.00		
09/21/24	525	159	1539.03	69	1520.24	127	1545.16	107	1533.70	62	1547.01	115	1547.73	49	1549.55	20	1550.64	8.2	1520.00		
09/22/24	524	159	1539.04	68	1520.24	127	1545.17	107	1533.70	62	1547.01	115	1547.74	49	1549.56	20	1550.66	8.2	1520.00		
09/23/24	503	154	1539.40	63	1521.19	123	1545.38	104	1534.24	60	1547.15	111	1547.86	47	1549.67	19	1550.73	8.2	1520.96		
09/24/24	523	160	1539.17	67	1520.25	127	1545.23	108	1533.81	62	1547.04	115	1547.79	49	1549.62	20	1550.71	8.5	1520.00		
09/25/24	526	160	1539.15	70	1520.26	127	1545.24	107	1533.79	62	1547.05	115	1547.80	49	1549.63	20	1550.72	8.4	1520.00		
09/26/24	524	159	1539.14	68	1520.27	127	1545.24	107	1533.78	62	1547.05	115	1547.81	49	1549.64	20	1550.73	8.4	1520.00		
09/27/24	519	159	1539.15	62	1520.27	127	1545.27	107	1533.79	62	1547.07	115	1547.84	49	1549.67	20	1550.77	8.3	1520.00		
09/28/24	517	159	1539.18	61	1520.28	127	1545.30	107	1533.81	62	1547.10	115	1547.88	49	1549.71	20	1550.81	8.3	1520.00		
09/29/24 <sup>2</sup>	514	157	1539.40	64	1520.66	125	1545.43	106	1534.10	61	1547.18	114	1547.97	48	1549.79	20	1550.88	8.4	1520.47		
09/30/24 <sup>2</sup>	482	146	1540.08	64	1522.60	117	1545.85	99	1535.14	57	1547.49	106	1548.22	45	1550.00	18	1551.03	8.0	1523.01		
Monthly Average	520	159	1539.09	67	1520.38	126	1545.18	107	1533.79	62	1547.05	115	1547.74	48	1549.55	20	1550.64	8.2	1520.17		
Analytical <sup>1</sup>	Conc (mg/L)		Date	Conc <sup>2</sup> (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	9/12/2024	18	9/12/2024	9.5	9/12/2024	10	9/12/2024	3.3	9/12/2024	0.64	9/12/2024	0.031	9/12/2024	0.035	9/12/2024	1.1	9/12/2024			
Hexavalent Chromium	0.0058	9/12/2024	ND	9/12/2024	ND	9/12/2024	0.0092	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	
Total Chromium	0.0074	9/12/2024	ND	9/12/2024	ND	9/12/2024	0.010	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	

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 09/29 to 09/30, SWF intermittently offline due to maintenance.  
 3: Duplicates taken on 09/12 of well PC-99R2/R3; average of both values are presented and used for calculations.

Table 2 - Athens Well Field (AWF) Operational Metrics

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 <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>4</sup> (gpm)	Water Elevation (ft amsl)
09/01/24	380	42	1586.79	129	1586.61	26	1585.62	4.0	1581.74	48	1576.81	29	1580.56	136	1579.72	2.5	1579.80
09/02/24	379	42	1586.77	129	1586.59	26	1585.61	4.0	1581.71	49	1576.84	29	1580.55	136	1579.71	2.5	1579.79
09/03/24	370	39	1586.79	122	1586.66	25	1585.69	3.8	1581.95	49	1576.85	29	1580.57	136	1579.72	2.5	1580.34
09/04/24	360	34	1587.22	103	1587.22	22	1586.31	3.2	1583.06	48	1576.84	29	1580.64	137	1580.08	2.5	1582.70
09/05/24	380	42	1586.89	129	1586.71	26	1585.70	4.0	1581.87	48	1576.88	29	1580.72	136	1579.80	2.5	1579.90
09/06/24	380	42	1586.82	129	1586.64	26	1585.65	4.0	1581.79	48	1576.93	29	1580.69	136	1579.75	2.5	1579.88
09/07/24	380	42	1586.79	129	1586.61	27	1585.62	4.0	1581.75	48	1576.88	29	1580.61	136	1579.73	2.5	1579.87
09/08/24	379	42	1586.77	129	1586.58	26	1585.60	4.0	1581.72	49	1576.88	29	1580.62	136	1579.71	2.5	1579.85
09/09/24	379	42	1586.75	129	1586.57	27	1585.59	4.0	1581.70	49	1576.90	29	1580.65	136	1579.69	2.5	1579.84
09/10/24	379	42	1586.75	129	1586.57	27	1585.59	4.0	1581.69	49	1576.91	29	1580.59	136	1579.69	2.5	1579.84
09/11/24	379	42	1586.75	129	1586.57	27	1585.59	4.0	1581.69	49	1576.91	29	1580.45	136	1579.69	2.5	1579.83
09/12/24	379	42	1586.74	129	1586.55	27	1585.58	4.0	1581.67	49	1576.89	29	1580.49	136	1579.68	2.5	1579.81
09/13/24	379	42	1586.72	130	1586.54	27	1585.57	4.0	1581.65	49	1576.93	29	1580.66	136	1579.67	2.5	1579.82
09/14/24	379	42	1586.73	130	1586.54	26	1585.57	4.0	1581.66	49	1576.92	29	1580.72	136	1579.67	2.5	1579.81
09/15/24	378	42	1586.74	129	1586.56	27	1585.59	4.0	1581.67	50	1576.91	29	1580.63	136	1579.69	2.5	1579.80
09/16/24	377	42	1586.74	130	1586.55	26	1585.58	4.0	1581.66	50	1576.91	29	1580.64	136	1579.68	2.5	1579.79
09/17/24	377	42	1586.73	130	1586.55	26	1585.58	4.0	1581.65	50	1576.91	29	1580.81	136	1579.68	2.5	1579.80
09/18/24	377	42	1586.75	130	1586.56	26	1585.59	4.0	1581.66	50	1576.93	29	1580.81	136	1579.69	2.5	1579.81
09/19/24	377	42	1586.75	130	1586.57	26	1585.59	4.0	1581.67	50	1576.91	29	1580.84	136	1579.69	2.5	1579.80
09/20/24	378	42	1586.76	131	1586.57	26	1585.60	4.0	1581.68	50	1576.93	29	1580.83	136	1579.70	2.5	1579.80
09/21/24	378	42	1586.76	130	1586.58	26	1585.60	4.0	1581.68	50	1576.94	29	1580.90	136	1579.70	2.5	1579.79
09/22/24	378	42	1586.77	130	1586.58	27	1585.61	4.0	1581.68	50	1576.92	29	1580.97	136	1579.71	2.5	1579.79
09/23/24	378	42	1586.79	130	1586.60	27	1585.62	4.0	1581.70	50	1576.94	29	1580.97	136	1579.72	2.5	1579.79
09/24/24	378	42	1586.80	130	1586.61	26	1585.63	4.0	1581.71	50	1576.95	29	1580.97	136	1579.73	2.5	1579.79
09/25/24	378	42	1586.81	130	1586.63	26	1585.64	4.0	1581.72	50	1576.95	29	1580.92	135	1579.75	2.5	1579.78
09/26/24	378	42	1586.82	130	1586.63	26	1585.65	4.0	1581.73	50	1576.94	29	1580.97	136	1579.75	2.5	1579.78
09/27/24	378	42	1586.84	130	1586.65	26	1585.66	4.0	1581.74	51	1576.94	29	1581.00	136	1579.76	2.5	1579.78
09/28/24	378	42	1586.85	130	1586.67	26	1585.67	4.0	1581.75	51	1576.96	29	1581.02	135	1579.78	2.5	1579.78
09/29/24	378	42	1586.87	129	1586.68	26	1585.69	4.0	1581.762	51	1577.01	29	1581.07	136	1579.79	2.5	1579.78
09/30/24	378	42	1586.89	130	1586.70	26	1585.70	4.0	1581.772	51	1577.01	29	1581.18	136	1579.80	2.5	1579.78
Monthly Average	378	42	1586.80	128	1586.62	26	1585.64	4.0	1581.76	49	1576.91	29	1580.77	136	1579.73	2.5	1579.92
Analytical	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate	22	9/12/2024	6.8	9/12/2024	110	9/12/2024	130	9/12/2024	150	9/12/2024	69	9/12/2024	42	9/12/2024	68	9/12/2024	
Hexavalent Chromium	ND	9/12/2024	ND	9/12/2024	ND	9/12/2024	0.19	9/12/2024	0.65	9/12/2024	0.42	9/12/2024	0.045	9/12/2024	0.082	9/12/2024	
Total Chromium	ND	9/12/2024	0.0045	9/12/2024	0.23	9/12/2024	0.20	9/12/2024	0.65	9/12/2024	0.44	9/12/2024	0.052	9/12/2024	0.088	9/12/2024	

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 ND = Not detected above laboratory method detection limit (Cr(TR)=2.5 µg/L; Cr(VI) = 0.25 µg/L).  
 ART-1, 2, 3, 4, 7B, and 8 have adjacent recovery wells, both of which can be used for extraction. The pumping well can be chosen manually or automatically, based on operational considerations.  
 The wells with transducers are ART-1, -2, -3, -4, -7A, -8, -9, and PC-150.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 09/04, ART-1/1A, ART-2/2A, ART-3/3A, and ART-4/4A offline due to maintenance.  
 3: Duplicates taken on 09/12 of well ART-2/2A; average of both values are presented and used for calculations.  
 4: On 09/16, Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow determined from flow tests was 2.5 from 09/01 to 09/30.  
 Flow used for calculation purposes and was steady throughout the month but the totalizer showed zero.

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 <sup>3,4,5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,7</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>7,8</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3,6</sup> (gpm)	Water Elevation (ft amsl)
09/01/24	0.35	1714.87	0.66	1711.71	0.0	1710.01	0.0	1740.00	0.65	1720.32	0.46	1709.68	2.3	1712.01	1.3	1705.71	1.2	1708.80	3.2	1712.10
09/02/24 <sup>2</sup>	0.35	1714.87	0.64	1711.40	0.0	1710.00	0.0	1740.00	0.44	1721.71	0.40	1711.21	1.6	1715.46	1.1	1708.33	1.0	1710.85	2.6	1713.82
09/03/24	0.35	1716.95	0.82	1708.25	0.0	1710.01	0.0	1740.00	0.38	1722.22	0.48	1709.57	1.6	1716.57	1.1	1708.57	1.0	1711.13	2.5	1716.59
09/04/24	0.01	1724.62	0.77	1709.31	0.0	1710.01	0.0	1740.00	0.48	1721.75	0.48	1709.57	1.4	1717.03	1.3	1705.69	1.2	1708.84	3.0	1716.26
09/05/24	0.30	1722.83	0.74	1710.00	0.0	1710.01	0.0	1740.00	0.51	1721.56	0.47	1709.55	1.3	1717.49	1.3	1705.69	1.2	1708.84	3.0	1716.16
09/06/24	0.30	1715.04	0.72	1710.41	0.0	1710.01	0.0	1740.00	0.50	1721.61	0.51	1709.56	1.3	1717.60	1.3	1705.92	1.2	1709.07	2.9	1716.35
09/07/24	0.30	1714.92	0.72	1710.59	0.0	1710.01	0.0	1740.00	0.51	1721.54	0.51	1709.55	1.3	1717.65	1.3	1705.68	1.2	1708.83	2.9	1716.38
09/08/24	0.30	1714.92	0.66	1711.66	0.0	1710.00	0.0	1740.00	0.52	1721.47	0.51	1709.54	1.9	1714.59	1.3	1705.69	1.2	1708.81	2.9	1716.44
09/09/24	0.30	1714.92	0.47	1714.60	0.0	1710.00	0.0	1740.00	0.53	1721.37	0.45	1709.45	2.3	1711.98	1.3	1705.69	1.2	1708.77	2.9	1716.39
09/10/24	0.30	1714.92	0.42	1715.27	0.0	1710.01	0.0	1740.00	0.53	1721.39	0.44	1709.52	2.4	1710.77	1.3	1705.70	1.2	1708.76	2.0	1716.84
09/11/24	0.30	1714.92	0.37	1715.87	0.0	1710.01	0.0	1740.00	0.54	1721.35	0.45	1709.58	2.5	1708.74	1.2	1705.68	1.2	1708.76	1.5	1717.46
09/12/24	0.30	1714.91	0.52	1714.06	0.0	1710.01	0.0	1740.00	0.53	1721.35	0.43	1709.59	2.5	1709.25	1.2	1705.69	1.2	1708.78	2.6	1716.71
09/13/24	0.30	1714.91	0.56	1713.38	0.0	1710.01	0.0	1740.00	0.54	1721.33	0.43	1709.60	2.5	1709.46	1.2	1705.69	1.2	1708.75	2.7	1716.35
09/14/24	0.30	1714.91	0.57	1713.19	0.0	1710.00	0.0	1740.00	0.54	1721.29	0.38	1709.60	2.4	1709.88	1.2	1705.69	1.2	1708.72	2.6	1716.01
09/15/24	0.30	1714.91	0.50	1714.15	0.0	1710.01	0.0	1740.00	0.54	1721.29	0.41	1709.60	2.4	1710.27	1.2	1705.69	1.2	1708.74	2.7	1711.68
09/16/24	0.30	1714.90	0.49	1714.27	0.0	1710.00	0.0	1740.00	0.54	1721.32	0.43	1709.58	2.4	1711.05	1.2	1705.68	1.2	1708.75	2.6	1709.51
09/17/24	0.30	1714.89	0.49	1714.26	0.0	1710.00	0.0	1740.00	0.53	1721.34	0.45	1709.58	2.3	1711.78	1.2	1705.69	1.1	1708.73	2.5	1709.13
09/18/24	0.30	1714.89	0.49	1714.34	0.0	1710.00	0.0	1740.00	0.53	1721.33	0.41	1709.60	2.2	1712.42	1.2	1705.69	1.1	1708.71	2.4	1709.14
09/19/24	0.25	1714.89	0.53	1713.81	0.0	1710.00	0.0	1740.00	0.53	1721.33	0.38	1709.60	2.1	1712.91	1.2	1705.69	1.1	1708.72	2.4	1709.13
09/20/24	0.25	1714.89	0.80	1708.70	0.0	1710.00	0.0	1740.00	0.53	1721.32	0.38	1709.59	2.5	1709.34	1.1	1705.69	1.1	1708.71	2.5	1709.12
09/21/24	0.25	1714.89	0.80	1708.59	0.0	1710.00	0.0	1740.00	0.54	1721.31	0.39	1709.62	2.5	1708.87	1.1	1705.69	1.1	1708.75	2.5	1709.11
09/22/24	0.25	1714.89	0.79	1708.70	0.0	1710.00	0.0	1740.00	0.54	1721.31	0.39	1709.61	2.5	1708.57	1.1	1705.69	1.1	1708.73	2.5	1709.11
09/23/24	0.25	1714.89	0.79	1708.69	0.0	1710.00	0.0	1740.00	0.52	1721.40	0.40	1709.56	2.4	1709.36	1.1	1705.69	1.1	1708.71	2.5	1709.10
09/24/24	0.25	1714.89	0.77	1709.23	0.0	1710.00	0.0	1740.00	0.51	1721.48	0.41	1709.55	2.3	1710.36	1.1	1705.69	1.1	1708.71	2.5	1709.12
09/25/24	0.25	1714.89	0.73	1710.03	0.0	1710.00	0.0	1740.00	0.51	1721.48	0.42	1709.52	2.3	1711.11	1.1	1705.69	1.1	1708.71	2.5	1709.13
09/26/24	0.25	1714.89	0.74	1709.93	0.0	1710.00	0.0	1740.00	0.51	1721.49	0.40	1709.53	2.2	1711.59	1.1	1705.69	1.1	1708.72	2.6	1709.11
09/27/24	0.25	1714.89	0.74	1709.84	0.0	1710.00	0.0	1740.00	0.52	1721.48	0.40	1709.54	2.2	1712.05	1.1	1705.69	1.1	1708.72	2.6	1709.11
09/28/24	0.25	1714.89	0.75	1709.52	0.0	1710.00	0.0	1740.00	0.52	1721.47	0.41	1709.54	2.0	1713.18	1.1	1705.69	1.1	1708.71	2.6	1709.11
09/29/24	0.25	1714.89	0.75	1709.58	0.0	1710.00	0.0	1740.00	0.52	1721.44	0.42	1709.55	2.0	1713.79	1.1	1705.69	1.1	1708.71	2.6	1709.11
09/30/24	0.25	1714.89	0.75	1709.52	0.0	1710.00	0.0	1740.00	0.53	1721.42	0.42	1709.54	2.0	1713.98	1.1	1705.69	1.1	1708.72	2.7	1709.11
Monthly Average	0.28	1715.56	0.65	1711.43	0.0	1710.00	0.0	1740.00	0.52	1721.42	0.43	1709.62	2.1	1712.30	1.2	1705.88	1.2	1708.91	2.6	1712.42
Analytical <sup>1</sup>	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	300	9/4/2024	20	9/4/2024	27	9/11/2024	140	9/11/2024	140	9/9/2024	220	9/4/2024	300	9/4/2024	380	9/4/2024	360	9/4/2024	380	9/4/2024
Hexavalent Chromium	0.74	9/4/2024	0.044	9/4/2024	0.026	9/11/2024	1.7	9/11/2024	1.7	9/9/2024	0.33	9/4/2024	2.2	9/4/2024	3.8	9/4/2024	5.2	9/4/2024	9.0	9/4/2024
Total Chromium	0.87	9/4/2024	0.048	9/4/2024	0.035	9/11/2024	1.6	9/11/2024	1.5	9/9/2024	0.34	9/4/2024	2.2	9/4/2024	3.7	9/4/2024	7.4	9/4/2024	9.3	9/4/2024

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
  - 1: Analytical results are reported from Eurofins TestAmerica.
  - 2: On 9/02, IWF offline due to maintenance.
  - 3: On 09/03, I-AR, I-AD, I-D, I-E, I-F, I-G, I-H, I-I, I-K, I-M, I-N, I-O, I-Q, I-S, I-T, I-U, I-V, I-W, I-X, and I-Z offline due to maintenance.
  - 4: On 09/04, I-AR offline due to maintenance.
  - 5: On 09/05, 09/19, and 09/26, I-AR water level measured manually due to water level dropping below transducer level.
  - 6: On 09/12, I-AA and I-F adjusted to meet flow targets as described by the Trust.
  - 7: On 09/19, I-AA and I-C adjusted to meet flow targets as described by the Trust.
  - 8: On 09/08, I-C, I-M, I-N, I-R, 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-G		I-H		I-I		I-J		I-K		I-L		I-M		I-N		I-O		I-P	
	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>3B</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3B</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
09/01/24	0.17	1712.86	0.49	1709.30	0.0	1721.74	5.1	1711.20	2.7	1708.58	0.90	1716.35	1.9	1715.02	1.6	1719.13	0.26	1720.29	1.7	1710.36
09/02/24 <sup>2</sup>	0.16	1713.34	0.40	1711.31	0.0	1721.89	4.3	1713.86	2.3	1710.68	0.72	1717.74	1.3	1716.13	0.9	1719.53	0.12	1720.53	1.3	1716.75
09/03/24	0.17	1712.64	0.41	1711.48	0.0	1722.04	4.4	1714.05	2.3	1710.82	0.71	1718.42	1.1	1716.80	0.6	1719.88	0.53	1720.58	0.24	1720.16
09/04/24	0.20	1711.46	0.55	1709.42	0.0	1722.04	5.4	1711.21	2.9	1708.53	0.70	1718.66	1.4	1716.48	0.7	1719.87	0.69	1720.51	0.0	1720.59
09/05/24	0.20	1711.45	0.57	1709.41	0.0	1722.05	5.4	1711.21	2.8	1708.60	0.75	1718.39	1.4	1716.48	0.7	1719.90	0.64	1720.56	0.0	1720.65
09/06/24	0.20	1711.50	0.61	1709.70	0.0	1722.09	5.3	1711.51	2.8	1708.86	0.78	1718.26	1.3	1716.59	0.6	1719.94	0.64	1720.67	0.0	1720.74
09/07/24	0.20	1711.37	0.64	1709.46	0.0	1722.12	5.4	1711.21	2.8	1708.65	0.77	1718.39	1.3	1716.57	0.6	1719.95	0.69	1720.73	0.0	1720.80
09/08/24	0.20	1710.00	0.63	1709.50	0.0	1722.14	5.4	1711.21	2.8	1708.65	0.76	1718.26	1.8	1715.57	1.2	1719.69	0.64	1720.76	0.0	1720.84
09/09/24	0.20	1710.00	0.65	1709.47	0.0	1722.16	5.4	1711.21	2.8	1708.60	0.75	1717.74	2.1	1714.64	1.6	1719.27	0.70	1720.79	0.0	1720.88
09/10/24	0.20	1711.04	0.65	1709.49	0.0	1722.19	5.4	1711.27	2.8	1708.66	0.89	1716.31	2.0	1714.69	1.7	1719.04	0.69	1720.83	0.0	1720.92
09/11/24	0.21	1711.43	0.64	1709.55	0.0	1720.88	5.4	1711.21	2.8	1708.55	0.98	1715.18	2.0	1714.63	1.8	1718.78	0.69	1720.84	0.0	1710.82
09/12/24	0.20	1711.43	0.59	1709.58	0.0	1720.34	5.4	1711.21	2.8	1708.55	0.94	1715.38	1.9	1714.59	1.8	1718.64	0.72	1720.86	0.0	< 1705.00
09/13/24	0.20	1711.42	0.61	1709.58	0.0	1720.35	5.4	1711.21	2.8	1708.55	0.93	1715.32	1.9	1714.56	1.8	1718.34	0.67	1720.88	0.0	< 1705.00
09/14/24	0.20	1711.42	0.66	1709.61	0.0	1720.36	5.4	1711.21	2.8	1708.56	0.93	1715.18	1.9	1714.51	1.8	1717.97	0.70	1720.91	0.0	< 1705.00
09/15/24	0.20	1711.43	0.70	1709.68	0.0	1720.39	5.4	1711.21	2.8	1708.58	0.93	1715.03	1.9	1714.52	1.8	1717.61	0.70	1720.95	0.0	< 1705.00
09/16/24	0.20	1711.42	0.70	1709.65	0.0	1720.40	5.4	1711.20	2.8	1708.57	0.90	1715.26	1.8	1714.60	1.8	1717.25	0.75	1720.98	0.0	< 1705.00
09/17/24	0.20	1711.42	0.74	1709.60	0.0	1720.41	5.4	1711.20	2.8	1708.56	0.88	1715.49	1.8	1714.67	1.7	1716.95	0.82	1721.00	0.0	< 1705.00
09/18/24	0.20	1711.42	0.74	1709.61	0.0	1720.43	5.4	1711.20	2.8	1708.55	0.87	1715.56	1.7	1714.68	1.7	1716.77	0.82	1721.03	0.0	< 1705.00
09/19/24	0.20	1711.42	0.71	1709.69	0.0	1720.44	5.4	1711.20	2.8	1708.46	0.86	1715.72	1.7	1714.69	1.7	1716.64	0.82	1721.05	0.0	< 1705.00
09/20/24	0.20	1711.42	0.70	1709.84	0.0	1720.46	5.4	1711.20	2.8	1708.40	0.87	1715.70	1.7	1714.72	1.7	1716.63	0.82	1721.08	0.0	< 1705.00
09/21/24	0.21	1711.42	0.70	1709.81	0.0	1720.47	5.4	1711.21	2.8	1708.43	0.87	1715.66	1.7	1714.74	1.7	1716.56	0.82	1721.06	0.0	< 1705.00
09/22/24	0.21	1711.42	0.70	1709.79	0.0	1720.47	5.4	1711.21	2.8	1708.43	0.86	1715.73	1.7	1714.74	1.7	1716.49	0.82	1721.03	0.0	< 1705.00
09/23/24	0.21	1711.42	0.76	1709.80	0.0	1720.48	5.4	1711.21	2.8	1708.43	0.86	1715.79	1.7	1714.78	1.7	1716.57	0.81	1721.04	0.0	< 1705.00
09/24/24	0.21	1711.42	0.76	1709.76	0.0	1720.48	5.4	1711.21	2.8	1708.43	0.87	1715.70	1.6	1714.82	1.5	1717.12	0.80	1721.06	0.0	1705.00
09/25/24	0.21	1711.42	0.76	1709.77	0.0	1720.50	5.4	1711.21	2.8	1708.41	0.88	1715.75	1.6	1714.88	1.5	1717.61	0.79	1721.08	0.0	1705.00
09/26/24	0.21	1711.43	0.75	1710.00	0.0	1720.50	5.4	1711.21	2.8	1708.43	0.87	1715.77	1.7	1714.60	1.4	1717.79	0.77	1721.09	0.0	1705.00
09/27/24	0.21	1711.43	0.77	1709.98	0.0	1720.51	5.5	1711.21	2.8	1708.44	0.87	1715.81	1.7	1714.66	1.4	1717.89	0.77	1721.11	0.0	1705.00
09/28/24	0.21	1711.43	0.76	1710.11	0.0	1720.52	5.5	1711.21	2.8	1708.44	0.87	1715.80	1.7	1714.77	1.4	1717.95	0.74	1721.12	0.0	1705.00
09/29/24	0.21	1711.43	0.71	1710.02	0.0	1720.53	5.5	1711.21	2.8	1708.44	0.87	1715.83	1.6	1714.88	1.4	1718.04	0.72	1721.13	0.0	1705.00
09/30/24	0.21	1711.43	0.72	1710.09	0.0	1720.53	5.5	1711.21	2.8	1708.40	0.87	1715.83	1.6	1714.95	1.4	1718.14	0.77	1721.13	0.0	1705.00
Monthly Average	0.20	1711.47	0.66	1709.80	0.0	1721.00	5.3	1711.40	2.8	1708.68	0.85	1716.33	1.7	1715.10	1.4	1718.20	0.70	1720.89	0.11	1709.95
Analytical <sup>1</sup>	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc <sup>c</sup> (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	750	9/9/2024	560	9/9/2024	310	9/11/2024	150	9/9/2024	195	9/9/2024	210	9/4/2024	450	9/4/2024	410	9/4/2024	520	9/9/2024	670	9/11/2024
Hexavalent Chromium	15	9/9/2024	11	9/9/2024	6.2	9/11/2024	2.8	9/9/2024	2.3	9/9/2024	1.2	9/4/2024	4.5	9/4/2024	6.1	9/4/2024	11	9/9/2024	11	9/11/2024
Total Chromium	15	9/9/2024	12	9/9/2024	5.9	9/11/2024	2.9	9/9/2024	2.25	9/9/2024	1.2	9/4/2024	4.4	9/4/2024	6.4	9/4/2024	11	9/9/2024	12	9/11/2024

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.  
 2: On 9/02, IWF offline due to maintenance.  
 3: On 09/03, I-AR, I-AD, I-D, I-E, I-F, I-G, I-H, I-I, I-K, I-M, I-N, I-O, I-Q, I-S, I-T, I-U, I-V, I-W, I-X, and I-Z offline due to maintenance.  
 8: On 09/08, I-C, I-M, I-N, I-R, and I-Y adjusted to meet flow targets as described by the Trust.  
 9: Duplicates taken on 09/09 of well I-K for perchlorate and hexavalent chromium; average of both values are presented and used for calculations.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-Q		I-R		I-S		I-T		I-U		I-V		I-W		I-X		I-Z			
	Flow <sup>3,10</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>8</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)		
09/01/24	0.35	1714.53	0.54	1724.62	1.7	1711.97	0.64	1707.55	0.68	1707.67	4.1	1716.25	0.42	1710.84	2.5	1713.10	1.02	1715.97	5.9	1710.00
09/02/24 <sup>2</sup>	0.35	1715.10	0.35	1725.16	1.4	1714.72	0.56	1709.38	0.59	1709.76	3.3	1718.10	0.31	1716.79	2.0	1714.02	0.72	1717.70	5.0	1712.17
09/03/24	0.35	1715.17	0.35	1724.95	1.6	1714.68	0.56	1709.45	0.60	1709.86	3.2	1718.85	0.46	1714.54	1.9	1714.74	0.67	1718.31	5.0	1712.33
09/04/24	0.40	1714.54	0.37	1724.69	1.6	1715.28	0.65	1707.57	0.71	1707.67	4.1	1718.11	0.69	1710.74	2.4	1713.81	0.67	1718.38	6.9	< 1710.00
09/05/24	0.40	1714.54	0.39	1724.58	1.6	1715.67	0.65	1707.57	0.71	1707.67	4.1	1718.13	0.72	1710.02	2.4	1713.74	0.69	1718.30	6.8	< 1710.00
09/06/24	0.39	1714.57	0.38	1724.58	1.6	1715.86	0.65	1707.65	0.71	1707.80	4.0	1718.38	0.45	1718.44	2.3	1713.96	0.68	1718.33	6.3	1710.24
09/07/24	0.40	1714.54	0.38	1724.57	1.6	1716.06	0.66	1707.57	0.72	1707.67	4.1	1718.37	0.52	1719.08	2.3	1714.10	0.70	1718.27	7.0	< 1710.00
09/08/24	0.40	1714.54	0.52	1723.96	1.5	1716.10	0.66	1707.57	0.72	1707.68	4.1	1718.45	0.56	1719.00	2.2	1714.20	1.02	1715.74	6.9	< 1710.00
09/09/24	0.40	1714.54	0.61	1723.23	1.5	1715.15	0.66	1707.55	0.72	1707.67	4.1	1718.52	0.51	1719.26	2.1	1714.28	1.27	1712.80	6.5	< 1710.00
09/10/24	0.40	1714.54	0.70	1723.33	1.5	1715.09	0.66	1707.57	0.73	1707.68	4.1	1718.65	0.58	1717.59	2.4	1713.47	1.18	1713.83	6.5	1710.05
09/11/24	0.42	1714.54	0.77	1722.92	1.5	1714.44	0.66	1707.56	0.73	1707.67	4.1	1718.67	0.69	1716.12	2.7	1713.04	1.14	1714.15	7.0	< 1710.00
09/12/24	0.41	1714.54	0.78	1722.73	1.5	1713.93	0.67	1707.56	0.73	1707.67	4.1	1718.69	0.68	1716.80	2.6	1712.90	1.13	1714.02	6.5	< 1710.00
09/13/24	0.40	1714.54	0.78	1722.61	1.5	1713.58	0.66	1707.56	0.73	1707.67	4.1	1718.68	0.62	1718.31	2.6	1712.68	1.13	1713.77	6.8	< 1710.00
09/14/24	0.39	1714.54	0.77	1722.56	1.5	1713.31	0.66	1707.56	0.73	1707.67	4.1	1718.73	0.56	1719.06	2.6	1712.45	1.15	1713.06	6.6	< 1710.00
09/15/24	0.38	1714.54	0.77	1722.48	1.5	1713.02	0.67	1707.56	0.73	1707.68	4.2	1718.79	0.51	1719.41	2.6	1712.04	1.16	1712.64	6.4	< 1710.00
09/16/24	0.37	1714.53	0.74	1722.62	1.4	1712.87	0.67	1707.56	0.73	1707.67	4.1	1718.89	0.48	1719.53	2.5	1711.86	1.2	1712.38	7.1	< 1710.00
09/17/24	0.37	1714.53	0.80	1722.82	1.4	1712.88	0.66	1707.56	0.73	1707.67	4.1	1718.92	0.45	1719.72	2.5	1711.69	1.1	1713.23	7.1	< 1710.00
09/18/24	0.36	1714.58	0.84	1722.66	1.4	1712.91	0.67	1707.56	0.73	1707.67	4.1	1719.37	0.42	1719.85	2.5	1711.96	1.1	1713.38	6.2	< 1710.00
09/19/24	0.22	1715.92	0.76	1722.99	1.4	1713.02	0.67	1707.56	0.74	1707.67	4.1	1719.00	0.41	1719.00	2.4	1712.18	1.1	1713.79	6.9	< 1710.00
09/20/24	0.13	1717.14	0.74	1723.06	1.4	1713.07	0.67	1707.56	0.74	1707.67	4.1	1719.05	0.40	1720.01	2.4	1712.04	1.1	1713.73	7.0	< 1710.00
09/21/24	0.12	1717.37	0.67	1723.41	1.4	1713.05	0.67	1707.56	0.74	1707.67	4.1	1719.06	0.73	1712.46	2.5	1711.33	1.1	1713.67	6.9	< 1710.00
09/22/24	0.10	1717.45	0.68	1723.41	1.4	1712.97	0.67	1707.56	0.74	1707.67	4.1	1719.03	0.79	1710.40	2.5	1711.58	1.1	1713.66	6.9	< 1710.00
09/23/24	0.12	1717.79	0.46	1724.85	1.4	1713.02	0.68	1707.56	0.74	1707.67	4.1	1719.04	0.79	1710.58	2.4	1712.01	1.1	1714.14	7.0	< 1710.00
09/24/24	0.12	1717.82	0.44	1724.81	1.4	1713.07	0.68	1707.56	0.74	1707.67	4.1	1719.06	0.77	1712.23	2.4	1712.27	1.1	1714.26	6.8	< 1710.00
09/25/24	0.08	1717.76	0.40	1724.99	1.4	1713.37	0.68	1707.56	0.74	1707.67	4.1	1719.10	0.73	1714.97	2.4	1712.47	1.1	1714.28	7.1	< 1710.00
09/26/24	0.13	1717.44	0.47	1724.76	1.4	1713.54	0.68	1707.56	0.74	1707.68	4.1	1719.12	0.70	1716.80	2.4	1712.62	1.1	1714.03	6.7	< 1710.00
09/27/24	0.15	1717.34	0.51	1724.60	1.4	1713.53	0.68	1707.56	0.75	1707.68	4.1	1719.15	0.69	1717.19	2.4	1712.70	1.1	1713.97	6.3	< 1710.00
09/28/24	0.18	1717.02	0.53	1724.52	1.4	1713.57	0.68	1707.56	0.75	1707.68	4.1	1719.17	0.68	1717.77	2.4	1712.77	1.1	1713.91	6.5	< 1710.00
09/29/24	0.08	1717.63	0.51	1724.51	1.4	1713.64	0.68	1707.56	0.75	1707.67	4.1	1719.16	0.68	1717.97	2.4	1712.83	1.1	1714.00	6.7	< 1710.00
09/30/24	0.0	1718.30	0.51	1724.48	1.4	1713.70	0.68	1707.56	0.74	1707.67	4.1	1719.18	0.69	1717.60	2.4	1712.78	1.1	1714.12	6.7	< 1710.00
Monthly Average	0.28	1715.73	0.58	1723.85	1.5	1713.90	0.66	1707.69	0.72	1707.82	4.1	1718.71	0.59	1716.43	2.4	1712.85	1.0	1714.73	6.6	1710.16
Analytical <sup>1</sup>	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	510	9/9/2024	450	9/4/2024	250	9/4/2024	640	9/9/2024	700	9/9/2024	630	9/9/2024	530	9/9/2024	510	9/4/2024	240	9/4/2024	150	9/9/2024
Hexavalent Chromium	12	9/9/2024	0.92	9/4/2024	1.4	9/4/2024	13	9/9/2024	13	9/9/2024	7.6	9/9/2024	11	9/9/2024	8.4	9/4/2024	1.1	9/11/2024	4.0	9/9/2024
Total Chromium	13	9/9/2024	0.89	9/4/2024	1.4	9/4/2024	14	9/9/2024	13	9/9/2024	7.5	9/9/2024	11	9/9/2024	8.4	9/4/2024	1.1	9/4/2024	4.0	9/9/2024

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 9/02, IWF offline due to maintenance.  
 3: On 09/03, I-AR, I-AD, I-D, I-E, I-F, I-G, I-H, I-I, I-K, I-M, I-N, I-O, I-Q, I-S, I-T, I-U, I-V, I-W, I-X, and I-Z offline due to maintenance.  
 8: On 09/08, I-C, I-M, I-N, I-R, and I-Y adjusted to meet flow targets as described by the Trust.  
 10: On 09/29, I-Q offline due to maintenance.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																
Date	LS #2	Chromium Treatment Subsystem Effluent <sup>1</sup>				GW-11 Influent <sup>1</sup>				FBR Plant Influent <sup>1</sup>						
	Flow (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO <sub>4</sub> (mg/L)	Flow (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO <sub>4</sub> (mg/L)	Flow (gpm)	TA - ClO <sub>4</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)
09/01/24	811	59				0.0				880		47				
09/02/24	811	58				0.0				869		45				
09/03/24	801	51	0.60	ND	350	0.0				876		42		10	0.36	0.051
09/04/24	746	60				0.0				886		40				
09/05/24	812	60				0.0				872		42				
09/06/24	811	63				0.0				874		49				
09/07/24	811	60				0.0				871	44	49				
09/08/24	811	57				0.0				870		44				
09/09/24	818	59				0.0				877		38				
09/10/24	810	61	0.76 B	ND	350	4.0	0.074	0.067	31	876		47	100	10	0.11	0.050
09/11/24	810	60				0.0				873		50				
09/12/24	835	60				0.0				896		48				
09/13/24	862	60				0.0				922		123				
09/14/24	864	60				0.0				924	49	49				
09/15/24	870	60				0.0				929		49				
09/16/24	858	60				0.0				929		49				
09/17/24	866	60	0.76	ND	350	0.0				926		49		9.3	0.14	0.037
09/18/24	867	60				0.0				927		48				
09/19/24	875	60				0.0				936		49				
09/20/24	869	56				0.0				926		49				
09/21/24	873	62				0.0				935	44	48				
09/22/24	880	55				0.0				935		42				
09/23/24	855	59				0.0				914		46				
09/24/24	866	60	0.72 B B7	ND	310	0.0				926		48				
09/25/24	870	60				0.0				930		49		9.3	0.090 B B7	0.042
09/26/24	872	18				308				583		47				
09/27/24	881	24				0.0				905		46				
09/28/24	870	25				0.0				895	45	39				
09/29/24	815	25				0.0				843		50				
09/30/24	776	25				0.0				836		46				
Monthly Average <sup>2</sup>	839	53	0.71	ND	340	10.4	0.07	0.07	31	888	45	49	100	9.6	0.16	0.044

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.

B = Compound was found in the blank and sample.

B7 = Target analyte detected in method blank at or above method reporting limit . Concentration found in the sample was 10 times above the concentration found in the blank.

TR = Total Recoverable.

ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 µg/L; ClO<sub>3</sub> = 10 µg/L; NO<sub>3</sub>-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.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics														
Date	1st Stage FBR <sup>3</sup>			2nd Stage FBR <sup>3</sup>			FBR Plant Effluent <sup>1</sup>							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow <sup>4</sup> (gpm)	TA - ClO <sub>4</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	ETI - Turbidity (NTU)
09/01/24	820	6.9	-379	820	6.7	-305	878		Nd					35
09/02/24	809	7.0	-377	809	6.8	-297	871		ND					27
09/03/24	834	6.9	-382	834	6.8	-239	874		ND		0.012	ND	ND	31
09/04/24	815	6.9	-380	815	6.6	-307	897		ND					24
09/05/24	816	6.9	-390	816	6.6	-334	887		ND					26
09/06/24	798	6.9	-384	798	6.6	-323	884		ND					19
09/07/24	813	6.8	-385	813	6.7	-325	512	ND D	ND					26
09/08/24	798	6.9	-387	798	6.7	-319	784		ND					26
09/09/24	806	6.8	-355	806	6.7	-313	892		ND					25
09/10/24	804	6.9	-98	804	6.7	-260	891		ND	ND D	0.012	ND	ND	17
09/11/24	806	6.9	-367	806	6.7	-251	893		ND					18
09/12/24	813	6.9	-328	813	6.7	-248	898		ND					21
09/13/24	815	7.0	-315	815	6.7	-240	901		ND					18
09/14/24	826	7.0	-225	826	6.7	-248	907	ND D	ND					21
09/15/24	805	7.1	-305	805	6.7	-249	323		ND					22
09/16/24	803	6.9	-300	803	6.7	-237	893		ND					12
09/17/24	849	6.8	-282	849	6.6	-233	920		ND		0.025	ND	ND	15
09/18/24	884	7.0	-200	884	6.7	-384	930		ND					16
09/19/24	894	6.9	-271	894	6.7	-407	926		ND					17
09/20/24	865	6.8	-352	865	6.7	-412	828		ND					22
09/21/24	828	6.9	-340	828	6.7	-408	906	ND D	ND					30
09/22/24	828	7.0	-352	828	6.7	-406	903		ND					23
09/23/24	849	6.9	-271	849	6.7	-427	918		ND					26
09/24/24	791	6.7	-341	791	6.7	-415	921		ND					22
09/25/24	834	6.8	-370	834	6.8	-427	944		ND		ND B	ND	ND	9.0
09/26/24	425	6.7	-325	425	7.0	-400	404		ND					12
09/27/24	455	6.4	-200	432	6.8	-414	485		ND					24
09/28/24	526	6.5	-151	456	6.8	-407	525	ND D	ND					12
09/29/24	462	6.5	-188	689	6.7	-409	489		ND					27
09/30/24	517	6.5	-190	728	6.8	-401	508		ND					23
Monthly Average <sup>2</sup>	766	6.9	-312	778	6.7	-331	793	ND	ND	ND	0.013	ND	ND	22

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.

B = Compound was found in the blank and sample.

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

ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 µg/L; ClO<sub>3</sub> = 10 µg/L; NO<sub>3</sub>-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 <sup>1</sup>		
Date	Field Measurement (ft)	Volume (MG)
09/15/24	31.1	35.2
09/30/24	28.9	38.1

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>2</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
09/11/24	3.5	287	590	35
09/25/24	2.8	371	576	20

GW-11 Composite Sample <sup>3</sup>		
Analytes	Concentration	Units
Perchlorate	1.2 J	mg/L
Chlorate	0.62	mg/L
Ammonia as N	0.050	mg/L
Total Phosphorus	0.51	mg/L
Total Dissolved Solids (TDS)	13,000	mg/L
Total Suspended Solids (TSS)	120 D	mg/L
pH	8.2 HF	s.u.
Calcium	650	mg/L
Iron	0.27	mg/L
Chromium (total)	0.010	mg/L
Chromium VI	0.052	mg/L
Chloride	4,500	mg/L
Nitrate as N	0.014 J H	mg/L
Sulfate	3,800	mg/L

Notes:

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

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

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

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 (NO3-N= 0.055 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: September 18, 2024



Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics						
Date	Flow <sup>1</sup> (gpm)	FBR Influent Concentration			Influent Function Load <sup>2</sup> (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO <sub>4</sub> (mg/L)	NO <sub>3</sub> as N (mg/L)	ClO <sub>3</sub> (mg/L)		
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
Aug 2024	867	51	9.8	100	365	360
Sep 2024	888	45	9.6	100	361	381

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 <sup>2</sup> (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)
09/01/24	2.2	1713.02	0.40	1710.86	0.56	1710.52	0.72	1715.82	0.94	1714.96	1.4	1716.85	1.4	1714.31	0.27	1716.01
09/02/24	2.2	1712.63	0.24	1711.36	0.55	1710.06	0.70	1714.47	0.93	1714.82	1.3	1715.33	1.4	1715.01	0.26	1715.02
09/03/24	2.4	1711.99	0.40	1710.65	0.61	1710.02	0.77	1714.72	1.01	1715.01	1.4	1715.16	0.4	1713.90	0.38	1714.57
09/04/24	2.3	1712.33	0.50	1710.85	0.54	1710.61	0.74	1714.82	0.96	1714.75	1.3	1716.69	0.4	1712.51	0.36	1716.02
09/05/24	2.4	1714.07	0.53	1711.10	0.57	1710.75	0.77	1715.20	0.99	1716.59	1.4	1717.94	0.4	1721.59	0.38	1717.74
09/06/24	2.3	1713.87	0.51	1711.23	0.57	1710.70	0.74	1716.95	0.96	1716.54	1.4	1717.98	1.0	1717.99	0.30	1716.97
09/07/24	2.3	1714.31	0.51	1711.28	0.58	1710.99	0.72	1716.45	0.95	1716.49	1.3	1717.77	1.2	1716.91	0.31	1715.94
09/08/24	2.4	1713.28	0.38	1710.82	0.59	1712.12	0.72	1716.33	0.95	1716.09	1.3	1716.89	1.3	1716.60	0.34	1715.57
09/09/24	2.3	1713.23	0.39	1710.89	0.61	1711.52	0.71	1716.82	0.93	1716.07	1.3	1716.42	1.3	1716.58	0.28	1715.52
09/10/24	2.3	1712.63	0.49	1712.45	0.59	1710.74	0.69	1715.91	0.97	1716.50	1.3	1716.82	1.3	1717.47	0.27	1714.82
09/11/24	2.3	1713.65	0.51	1711.22	0.60	1710.72	0.70	1716.88	0.89	1717.15	1.8	1717.89	1.3	1718.03	0.22	1717.00
09/12/24	2.3	1713.45	0.42	1710.49	0.59	1710.83	0.67	1717.29	0.93	1717.44	0.80	1717.98	1.3	1716.79	0.24	1716.37
09/13/24	2.3	1713.55	0.55	1710.93	0.59	1711.05	0.66	1717.28	0.93	1716.79	0.88	1718.09	1.3	1716.79	0.23	1716.84
09/14/24	2.3	1713.48	0.52	1711.10	0.59	1710.97	0.67	1717.29	0.93	1716.73	1.8	1717.36	1.3	1716.84	0.26	1716.66
09/15/24	2.3	1713.03	0.37	1710.91	0.60	1710.47	0.67	1716.53	0.94	1716.46	1.4	1717.16	1.3	1718.26	0.26	1716.22
09/16/24	2.3	1712.78	0.56	1711.25	0.59	1710.15	0.68	1716.03	0.99	1716.39	1.0	1716.95	1.6	1718.00	0.24	1716.72
09/17/24	2.3	1713.33	0.56	1710.66	0.59	1710.43	0.51	1715.92	0.81	1715.92	0.79	1716.55	1.3	1717.89	0.23	1716.91
09/18/24	2.3	1713.09	0.56	1710.84	0.59	1710.15	0.56	1716.43	0.88	1716.32	0.87	1716.54	1.4	1719.00	0.23	1716.85
09/19/24	2.3	1712.98	0.56	1711.04	0.60	1710.39	0.55	1718.70	0.89	1718.10	0.89	1720.18	1.4	1716.97	0.27	1716.69
09/20/24	2.3	1712.92	0.56	1710.90	0.64	1710.60	0.75	1715.43	0.91	1717.11	1.4	1717.55	1.3	1716.83	0.23	1718.04
09/21/24	2.2	1713.05	0.54	1710.93	0.46	1710.87	0.81	1714.99	0.87	1716.91	1.3	1717.58	1.3	1716.38	0.19	1717.04
09/22/24	2.4	1712.80	0.58	1710.29	0.60	1710.75	0.69	1714.51	0.95	1717.51	1.4	1716.84	1.4	1717.09	0.24	1716.24
09/23/24	2.4	1712.29	0.57	1709.75	0.60	1710.29	0.79	1715.16	0.94	1716.00	1.4	1716.76	1.4	1716.57	0.23	1716.83
09/24/24	2.2	1712.63	0.52	1709.81	0.56	1710.65	0.75	1714.88	0.88	1716.73	1.3	1717.13	1.3	1716.73	0.23	1717.12
09/25/24	2.3	1712.80	0.52	1709.93	0.56	1710.88	0.77	1714.75	0.90	1717.26	1.3	1717.89	1.3	1716.63	0.24	1717.36
09/26/24	2.3	1712.66	0.50	1710.19	0.57	1712.24	0.78	1714.84	0.91	1716.98	1.3	1717.84	1.3	1716.68	0.26	1717.81
09/27/24	2.3	1713.07	0.54	1710.44	0.55	1710.97	0.79	1714.95	0.93	1717.07	1.3	1717.76	1.3	1716.59	0.24	1717.80
09/28/24	2.3	1713.01	0.51	1710.12	0.53	1710.69	0.80	1713.39	0.93	1717.40	1.3	1717.69	1.3	1716.52	0.27	1717.49
09/29/24	2.3	1712.26	0.49	1709.93	0.54	1711.40	0.79	1715.21	0.91	1717.12	1.3	1716.84	1.3	1715.75	0.28	1717.46
09/30/24	2.3	1711.83	0.49	1710.24	0.56	1711.12	0.82	1714.89	0.94	1717.36	1.3	1716.06	1.3	1715.70	0.28	1717.83
Monthly Average	2.3	1713.00	0.49	1710.75	0.58	1710.79	0.72	1715.73	0.93	1716.56	1.3	1717.22	1.2	1716.77	0.27	1716.64
Analytical	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	420	9/16/2024	460	9/16/2024	300	9/16/2024	46	9/16/2024	320	9/16/2024	660	9/16/2024	790	9/16/2024	780	9/16/2024
Hexavalent Chromium	0.11	9/16/2024	0.26	9/16/2024	0.69	9/16/2024	0.025	9/16/2024	0.015	9/16/2024	0.09	9/16/2024	0.11	9/16/2024	0.19	9/16/2024
Total Chromium	0.13	9/16/2024	0.75	9/16/2024	0.75	9/16/2024	0.040	9/16/2024	0.048	9/16/2024	0.12	9/16/2024	0.11	9/16/2024	0.22	9/16/2024

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 The flow rate at individual wells is adjusted daily to maintain the water level in the wells above the pump.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 09/21, E1-3 offline due to maintenance.  
 3: Duplicates taken on 09/16 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

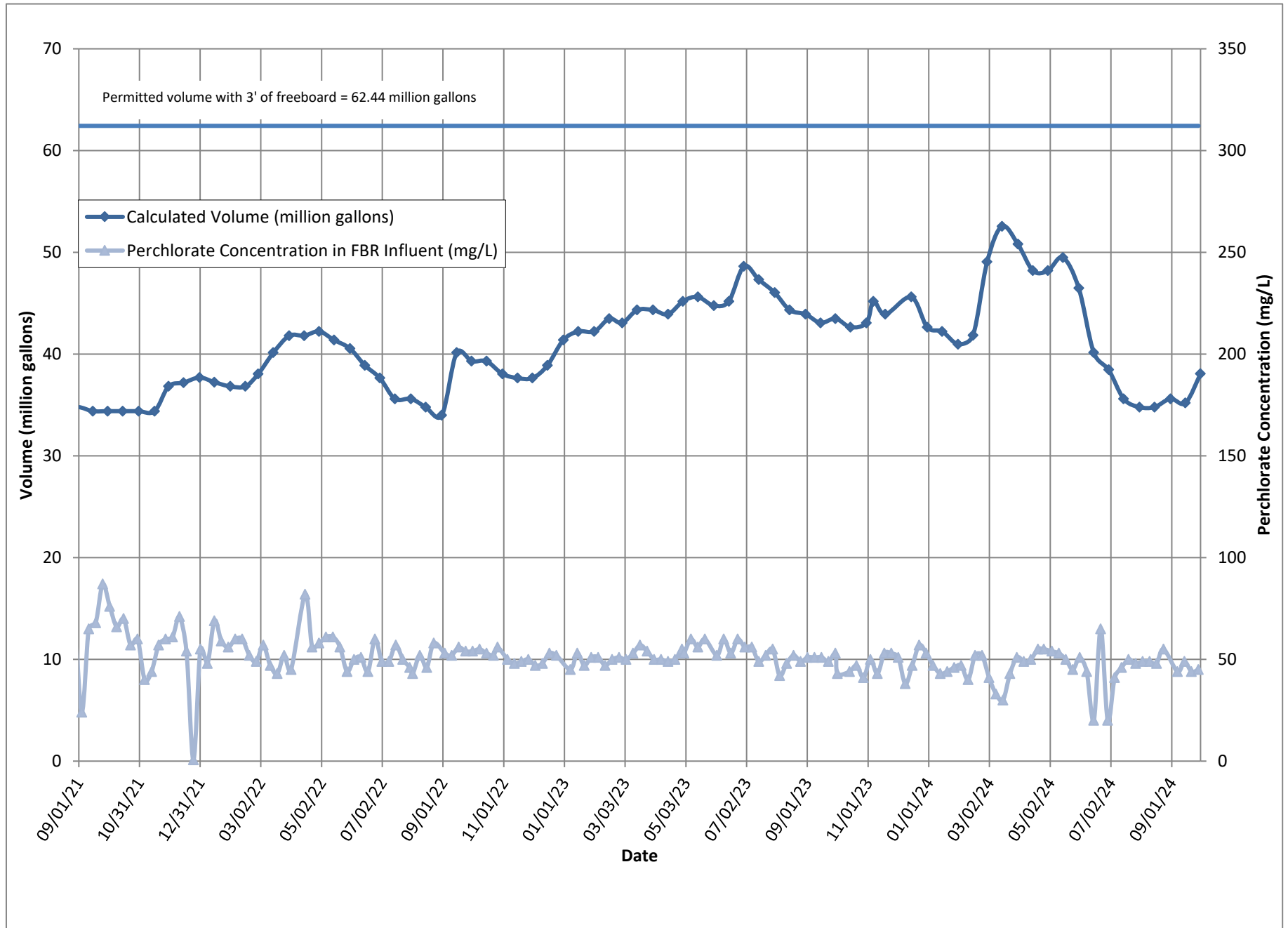


Figure 2 - FBR Equivalent Loading Calculation

