

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 <sup>3</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)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	
05/01/23	480	158	1537.57	87	1541.95	126	1543.60	108	1533.52	64	1547.97	109	1549.25	33	1547.55	18	1550.68	9.8	< 1520.00	
05/02/23	478	158	1537.56	87	1542.02	126	1543.54	107	1533.52	64	1547.90	108	1549.12	55	1550.15	17	1550.55	9.7	< 1520.00	
05/03/23	479	158	1537.60	87	1541.96	126	1543.53	108	1533.52	64	1547.88	108	1549.10	55	1550.16	18	1550.52	9.8	< 1520.00	
05/04/23	479	158	1537.57	87	1541.97	126	1543.50	108	1533.46	64	1547.86	109	1549.08	55	1550.15	18	1550.50	9.8	< 1520.00	
05/05/23	479	158	1537.58	87	1542.00	126	1543.49	108	1533.45	64	1547.85	109	1549.06	55	1550.13	18	1550.48	9.8	< 1520.00	
05/06/23	479	158	1537.58	87	1541.90	126	1543.47	108	1533.44	64	1547.83	109	1549.04	55	1550.11	18	1550.46	9.8	< 1520.00	
05/07/23	480	159	1537.57	87	1541.91	126	1543.45	108	1533.41	64	1547.81	109	1549.02	55	1550.09	18	1550.44	9.8	< 1520.00	
05/08/23	480	159	1537.54	87	1541.97	126	1543.43	108	1533.38	64	1547.79	109	1549.00	55	1550.07	18	1550.41	9.8	< 1520.00	
05/09/23	479	159	1537.45	87	1541.92	126	1543.87	108	1533.31	64	1547.76	109	1548.97	55	1550.05	18	1550.39	9.8	< 1520.00	
05/10/23	479	158	1537.48	87	1541.88	126	1544.12	108	1533.35	64	1547.76	109	1548.97	51	1550.13	18	1550.38	9.8	< 1520.00	
05/11/23	479	158	1537.48	87	1541.94	126	1544.13	108	1533.34	64	1547.75	108	1548.96	49	1550.17	18	1550.37	9.7	< 1520.00	
05/12/23	479	158	1537.50	87	1541.90	126	1544.12	108	1533.33	64	1547.73	108	1548.94	49	1550.15	18	1550.35	9.7	< 1520.00	
05/13/23	478	158	1537.55	87	1541.88	126	1544.13	107	1533.40	64	1547.73	108	1548.94	49	1550.14	17	1550.34	9.8	< 1520.00	
05/14/23	477	158	1537.55	87	1541.89	126	1544.12	107	1533.39	64	1547.70	108	1548.91	49	1550.12	18	1550.30	10	< 1520.00	
05/15/23	477	158	1537.59	86	1541.89	125	1544.11	107	1533.41	64	1547.69	108	1548.89	49	1550.10	18	1550.28	9.8	< 1520.00	
05/16/23	477	158	1537.64	86	1541.78	125	1544.13	107	1533.43	64	1547.69	108	1548.90	48	1550.10	18	1550.27	9.8	< 1520.00	
05/17/23	479	159	1537.56	87	1541.87	126	1544.07	108	1533.33	64	1547.66	108	1548.86	49	1550.07	18	1550.24	9.8	< 1520.00	
05/18/23	478	158	1537.52	87	1541.89	126	1544.05	108	1533.30	64	1547.64	108	1548.83	49	1550.05	18	1550.21	9.8	< 1520.00	
05/19/23	477	158	1537.58	86	1541.86	125	1544.06	107	1533.35	64	1547.62	108	1548.82	48	1550.02	18	1550.19	9.8	< 1520.00	
05/20/23	475	157	1537.65	86	1541.86	125	1544.07	107	1533.41	63	1547.62	107	1548.81	48	1550.02	17	1550.18	9.7	< 1520.00	
05/21/23	479	159	1537.54	87	1541.79	126	1544.00	108	1533.25	64	1547.58	108	1548.77	49	1549.99	18	1550.16	9.8	< 1520.00	
05/22/23	478	158	1537.54	87	1541.76	125	1544.00	108	1533.27	64	1547.57	108	1548.76	49	1549.98	18	1550.14	9.8	< 1520.00	
05/23/23 <sup>2</sup>	466	154	1537.84	84	1541.90	122	1544.16	105	1533.65	62	1547.65	105	1548.84	47	1550.05	17	1550.18	9.2	< 1520.00	
05/24/23	477	158	1537.56	86	1541.73	125	1544.00	108	1533.27	64	1547.55	108	1548.74	48	1549.95	17	1550.12	9.9	< 1520.00	
05/25/23	478	158	1537.47	86	1541.69	126	1543.98	108	1533.17	64	1547.52	108	1548.70	49	1549.92	18	1550.09	9.9	< 1520.00	
05/26/23 <sup>3</sup>	460	151	1537.95	86	1541.98	120	1544.26	103	1533.77	61	1547.63	103	1548.83	46	1550.03	17	1550.15	9.5	< 1520.00	
05/27/23	478	159	1537.52	86	1541.75	126	1544.03	108	1533.17	64	1547.51	108	1549.92	49	1549.92	18	1550.08	9.9	< 1520.00	
05/28/23	477	158	1537.54	86	1541.77	125	1544.04	108	1533.18	64	1547.48	108	1548.67	48	1549.89	17	1550.05	9.9	< 1520.00	
05/29/23	478	159	1537.50	86	1541.79	126	1544.05	108	1533.12	64	1547.46	108	1548.64	49	1549.87	17	1550.03	9.9	< 1520.00	
05/30/23	478	159	1537.52	86	1541.80	126	1544.14	108	1533.11	64	1547.44	108	1548.61	48	1549.86	17	1550.02	9.9	< 1520.00	
05/31/23	478	159	1537.53	86	1541.82	125	1544.22	108	1533.12	64	1547.43	108	1548.60	48	1549.85	17	1550.01	9.8	< 1520.00	
Monthly Average	477	158	1537.57	87	1541.87	125	1543.93	107	1533.36	64	1547.68	108	1548.88	50	1549.96	17	1550.28	9.8	< 1520.00	
Analytical	Conc (mg/L)		Date		Conc (mg/L)		Date		Conc (mg/L)		Date		Conc (mg/L)		Date		Conc (mg/L)		Date	
	Perchlorate	14	5/11/2023	12	5/11/2023	3.5	5/11/2023	8.2	5/11/2023	2.2	5/11/2023	0.72	5/11/2023	0.089	5/11/2023	0.13	5/11/2023	0.88	5/11/2023	
Hexavalent Chromium	0.0046	5/11/2023	0.00017	5/11/2023	ND	5/11/2023	0.0059	5/11/2023	ND	5/11/2023	ND	5/11/2023	ND	5/11/2023	ND	5/11/2023	ND	5/11/2023		
Total Chromium	0.0036	5/11/2023	ND	5/11/2023	ND	5/11/2023	0.0055	5/11/2023	ND	5/11/2023	ND	5/11/2023	ND	5/11/2023	ND	5/11/2023	ND	5/11/2023		

**Notes:**  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 B = Compound was found in the blank and sample.  
 ND = Not detected above laboratory method detection limit (Cr(TR)=2.5 ug/L; Cr(VI) =0.20 ug/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: On 05/23, and 05/26 SWF wells offline due to maintenance.  
 3: On 05/26 PC-99 R2/R3 totalizer offline due to maintenance; average values are presented.  
 4: Duplicates taken on 05/11 for well PC-118; average of both values is 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 <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>4</sup> (gpm)	Water Elevation (ft amsl)
05/01/23	392	42	1583.55	142	1583.89	21	1582.65	3.4	1578.80	38	1576.60	25	1579.00	171	1581.75	1.5	1578.43
05/02/23	379	42	1583.62	142	1584.04	21	1582.73	3.4	1578.80	37	1576.62	25	1579.00	153	1581.42	1.5	1578.43
05/03/23	332	42	1583.96	142	1584.74	22	1583.18	3.6	1578.80	37	1576.64	25	1579.00	119	1580.94	1.5	1578.43
05/04/23	398	42	1583.81	142	1584.21	22	1582.89	3.6	1578.79	37	1576.65	25	1579.00	172	1582.04	1.5	1578.43
05/05/23	414	42	1583.76	143	1584.12	21	1582.82	3.6	1578.79	38	1576.67	25	1579.00	171	1581.97	1.5	1578.43
05/06/23	395	42	1583.73	142	1584.08	22	1582.79	3.6	1578.79	37	1576.65	25	1579.00	172	1581.94	1.5	1578.43
05/07/23	368	42	1583.72	142	1584.06	21	1582.78	3.5	1578.80	37	1576.61	26	1579.00	172	1581.93	1.5	1578.43
05/08/23	399	42	1583.71	142	1584.05	21	1582.77	3.5	1578.80	38	1576.62	25	1579.00	171	1581.92	1.5	1578.43
05/09/23	398	42	1583.70	142	1584.04	21	1582.76	3.5	1578.76	37	1576.65	25	1579.00	171	1582.28	1.5	1578.72
05/10/23	394	42	1583.70	142	1584.03	21	1582.76	3.5	1578.74	38	1576.63	25	1579.00	171	1582.75	1.5	1578.85
05/11/23	398	42	1583.69	142	1584.02	21	1582.75	3.5	1578.74	37	1576.65	25	1579.00	171	1582.77	1.5	1578.85
05/12/23	402	42	1583.69	142	1584.02	21	1582.75	3.5	1578.74	38	1576.65	25	1579.00	171	1582.79	1.5	1578.85
05/13/23	401	42	1583.69	142	1584.02	21	1582.75	3.5	1578.74	38	1576.63	25	1579.00	171	1582.80	1.5	1578.85
05/14/23	383	42	1583.68	142	1584.01	21	1582.74	3.5	1578.74	38	1576.62	25	1579.00	171	1582.79	1.5	1578.85
05/15/23	411	42	1583.68	142	1584.00	21	1582.74	3.5	1578.74	37	1576.64	25	1578.99	171	1582.78	1.5	1578.85
05/16/23	409	42	1583.68	142	1584.00	21	1582.74	3.5	1578.74	38	1576.67	25	1579.00	171	1582.78	1.5	1578.85
05/17/23	397	42	1583.67	142	1583.99	21	1582.73	3.5	1578.74	37	1576.65	25	1578.99	171	1582.77	1.5	1578.85
05/18/23	403	42	1583.67	142	1583.98	21	1582.73	3.5	1578.74	37	1576.62	25	1579.00	171	1582.77	1.5	1578.85
05/19/23	398	42	1583.66	142	1583.97	21	1582.72	3.5	1578.74	37	1576.64	25	1578.99	171	1582.76	1.5	1578.85
05/20/23	391	42	1583.66	142	1583.97	21	1582.71	3.5	1578.74	37	1576.64	25	1578.99	171	1582.76	1.5	1578.85
05/21/23	392	42	1583.66	142	1583.97	21	1582.72	3.5	1578.74	37	1576.63	25	1578.99	171	1582.76	1.5	1578.85
05/22/23	389	42	1583.66	142	1583.97	21	1582.71	3.5	1578.74	37	1576.64	25	1578.99	171	1582.76	1.5	1578.85
05/23/23	379	42	1583.67	142	1583.97	21	1582.71	3.5	1578.74	37	1576.63	25	1578.99	171	1582.77	1.5	1578.85
05/24/23	393	42	1583.67	142	1583.96	21	1582.71	3.5	1578.74	37	1576.63	25	1578.99	171	1582.77	1.5	1578.85
05/25/23	393	42	1583.67	142	1583.96	21	1582.71	3.5	1578.74	37	1576.63	25	1578.99	171	1582.77	1.5	1578.85
05/26/23	394	42	1583.66	142	1583.96	21	1582.71	3.5	1578.74	37	1576.63	25	1578.99	171	1582.76	1.5	1578.85
05/27/23	388	42	1583.67	142	1583.96	21	1582.71	3.5	1578.74	36	1576.64	25	1578.98	171	1582.76	1.5	1578.85
05/28/23	388	42	1583.67	142	1583.96	21	1582.71	3.4	1578.74	37	1576.62	25	1578.99	171	1582.77	1.5	1578.85
05/29/23	391	42	1583.67	142	1583.96	21	1582.71	3.5	1578.74	37	1576.64	25	1578.99	171	1582.77	1.5	1578.85
05/30/23	394	42	1583.68	142	1583.97	21	1582.72	3.5	1578.74	37	1576.63	25	1578.98	171	1582.77	1.5	1578.85
05/31/23	398	42	1583.70	142	1583.99	21	1582.73	3.5	1578.74	37	1576.63	25	1578.98	171	1582.78	1.5	1578.85
Monthly Average	392	42	1583.69	142	1584.03	21	1582.75	3.5	1578.76	37	1576.64	25	1578.99	169	1582.49	1.5	1578.74
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		24	5/11/2023	6.4	5/11/2023	160	5/11/2023	120	5/11/2023	150	5/11/2023	75	5/11/2023	50	5/11/2023	42	5/11/2023
Hexavalent Chromium		ND	5/11/2023	0.00259	5/11/2023	0.27	5/11/2023	0.17	5/11/2023	0.52	5/11/2023	0.43	5/11/2023	0.053	5/11/2023	0.046	5/11/2023
Total Chromium		ND	5/11/2023	ND	5/11/2023	0.28 B	5/11/2023	0.17 B	5/11/2023	0.55 B	5/11/2023	0.44 B	5/11/2023	0.054 B	5/11/2023	0.047 B	5/11/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 B = Compound was found in the blank and sample.  
 ND = Not detected above laboratory method detection limit (ClO<sub>2</sub> = 0.5 ug/L; ClO<sub>3</sub> = 10 ug/L; NO<sub>3</sub>-N = 0.055 mg/L; Cr(VI) = 0.25 ug/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: Duplicates taken on 05/11 for well ART-2/2A; average of both values is presented and used for calculations.  
 3: From 05/02 to 05/03, ART 8A offline for maintenance.  
 4: Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow of 1.5 gpm determined from flow tests is presented for 05/01 to 05/31 flows and used for calculation purposes.  
 Flow was steady throughout the month but the totalizer showed zero flow because totalizer units are 1,000 gallons.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-AR		I-AA		I-AB		I-AC		I-AD		I-B		I-C		I-D		I-E		I-F	
	Flow (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)
05/01/23	0.22	1715.12	0.91	1707.67	0.0	1718.89	0.0	1723.66	0.31	1722.80	0.36	1709.92	2.7	1708.72	1.1	1705.61	1.1	1712.21	2.2	1709.10
05/02/23	0.23	1715.12	0.91	1707.67	0.02	1718.45	0.0	1723.72	0.31	1722.79	0.41	1709.77	2.7	1708.72	1.1	1705.61	1.0	1712.91	2.2	1709.09
05/03/23	0.23	1715.12	0.91	1707.66	0.0	1718.96	0.0	1723.70	0.31	1722.79	0.42	1709.68	2.7	1708.72	1.1	1705.61	1.0	1713.49	2.2	1709.08
05/04/23	0.23	1715.12	0.91	1707.66	0.0	1718.96	0.0	1723.75	0.31	1722.78	0.42	1709.66	2.7	1708.72	1.1	1705.61	1.0	1713.61	2.2	1709.07
05/05/23	0.23	1715.12	0.91	1707.66	0.0	1718.90	0.0	1723.72	0.31	1722.78	0.40	1709.74	2.7	1708.72	1.1	1705.61	1.0	1713.54	2.2	1709.07
05/06/23	0.23	1715.12	0.91	1707.66	0.0	1718.87	0.0	1723.70	0.31	1722.79	0.40	1709.78	2.7	1708.72	1.1	1705.61	1.0	1713.34	2.2	1709.08
05/07/23	0.23	1715.12	0.91	1707.65	0.0	1718.86	0.0	1723.66	0.31	1722.78	0.39	1709.77	2.7	1708.72	1.1	1705.61	1.0	1713.33	2.2	1709.07
05/08/23	0.22	1715.12	0.91	1707.65	0.0	1718.85	0.02	1722.37	0.31	1722.78	0.39	1709.80	2.7	1708.72	1.1	1705.61	1.0	1713.31	2.2	1709.06
05/09/23	0.22	1715.11	0.91	1707.65	0.0	1718.84	0.0	1723.69	0.31	1722.78	0.38	1709.82	2.7	1708.72	1.1	1705.61	1.0	1713.31	2.2	1709.07
05/10/23	0.22	1715.11	0.91	1707.65	0.0	1718.83	0.0	1723.69	0.31	1722.79	0.39	1709.80	2.6	1708.73	1.1	1705.61	1.0	1713.29	2.3	1709.03
05/11/23	0.22	1715.11	0.90	1707.65	0.0	1718.83	0.0	1723.62	0.31	1722.79	0.38	1709.81	2.7	1708.73	1.1	1705.63	1.0	1713.27	2.2	1709.07
05/12/23	0.22	1715.11	0.90	1707.65	0.0	1718.82	0.0	1723.59	0.31	1722.79	0.37	1709.79	2.6	1708.72	1.1	1705.63	1.00	1713.27	2.2	1709.06
05/13/23	0.22	1715.11	0.90	1707.65	0.0	1718.82	0.0	1723.57	0.31	1722.78	0.35	1709.79	2.6	1708.72	1.1	1705.63	1.00	1713.26	2.2	1709.07
05/14/23	0.22	1715.12	0.90	1707.65	0.0	1718.82	0.0	1723.55	0.31	1722.77	0.32	1709.77	2.6	1708.72	1.1	1705.63	1.00	1713.29	2.2	1709.07
05/15/23	0.22	1715.12	0.90	1707.65	0.0	1718.81	0.0	1723.51	0.31	1722.78	0.32	1709.76	2.6	1708.72	1.1	1705.63	0.99	1713.24	2.2	1709.07
05/16/23	0.22	1715.12	0.90	1707.65	0.0	1718.82	0.0	1723.52	0.30	1722.79	0.34	1709.74	2.6	1708.72	1.1	1705.63	0.99	1713.24	2.2	1709.07
05/17/23	0.22	1715.12	0.90	1707.65	0.0	1718.83	0.0	1723.56	0.30	1722.80	0.34	1709.74	2.6	1708.72	1.1	1705.63	0.99	1713.21	2.2	1709.08
05/18/23	0.22	1715.12	0.90	1707.64	0.0	1718.82	0.0	1723.56	0.31	1722.79	0.34	1709.74	2.6	1708.72	1.1	1705.57	0.99	1713.15	2.2	1709.08
05/19/23	0.22	1715.12	0.89	1707.64	0.0	1718.81	0.0	1723.50	0.31	1722.78	0.31	1709.73	2.6	1708.72	1.1	1705.57	1.00	1713.13	2.2	1709.07
05/20/23	0.22	1715.12	0.89	1707.64	0.0	1718.81	0.0	1723.49	0.31	1722.77	0.31	1709.76	2.6	1708.72	1.1	1705.57	1.00	1713.13	2.2	1709.07
05/21/23	0.22	1715.12	0.89	1707.64	0.0	1718.82	0.0	1723.50	0.31	1722.76	0.32	1709.76	2.6	1708.72	1.1	1705.57	1.0	1713.15	2.2	1709.09
05/22/23	0.22	1715.12	0.89	1707.64	0.0	1718.84	0.0	1723.47	0.31	1722.75	0.31	1709.70	2.6	1708.72	1.1	1705.57	1.0	1713.10	2.2	1709.09
05/23/23	0.22	1715.12	0.89	1707.64	0.0	1718.84	0.0	1723.47	0.31	1722.73	0.33	1709.67	2.6	1708.72	1.1	1705.57	1.0	1713.06	2.2	1709.08
05/24/23	0.22	1715.12	0.89	1707.64	0.0	1718.82	0.0	1723.46	0.31	1722.73	0.32	1709.69	2.6	1708.72	1.1	1705.57	1.0	1713.03	2.2	1709.08
05/25/23	0.22	1715.12	0.89	1707.64	0.0	1718.78	0.0	1723.47	0.31	1722.73	0.32	1709.81	2.6	1708.72	1.1	1705.72	1.0	1713.06	2.2	1709.08
05/26/23	0.22	1715.12	0.89	1707.64	0.0	1718.76	0.0	1723.47	0.31	1722.72	0.34	1709.81	2.6	1708.72	1.1	1705.72	1.0	1713.08	2.2	1709.09
05/27/23	0.22	1715.12	0.89	1707.65	0.0	1718.75	0.0	1723.45	0.31	1722.71	0.33	1709.82	2.6	1708.72	1.1	1705.72	1.0	1713.11	2.2	1709.09
05/28/23	0.22	1715.12	0.88	1707.65	0.0	1718.75	0.0	1723.42	0.31	1722.71	0.31	1709.81	2.6	1708.72	1.1	1705.72	1.0	1713.16	2.2	1709.09
05/29/23	0.22	1715.12	0.88	1707.65	0.0	1718.74	0.0	1723.42	0.31	1722.71	0.34	1709.82	2.6	1708.72	1.1	1705.72	1.0	1713.23	2.2	1709.08
05/30/23	0.22	1715.12	0.88	1707.65	0.0	1718.74	0.0	1723.43	0.31	1722.73	0.35	1709.85	2.6	1708.72	1.1	1705.64	0.98	1713.28	2.2	1709.10
05/31/23	0.22	1715.12	0.88	1707.66	0.0	1718.75	0.0	1723.44	0.31	1722.73	0.34	1709.80	2.6	1708.72	1.1	1705.64	0.96	1713.46	2.2	1709.13
Monthly Average	0.22	1715.12	0.90	1707.65	0.00	1718.81	0.0	1723.52	0.31	1722.77	0.35	1709.77	2.6	1708.72	1.1	1705.63	1.0	1713.20	2.2	1709.08
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	380	5/2/2023	26	5/2/2023	58	5/2/2023	180	5/8/2023	170	5/8/2023	230	5/2/2023	430	5/2/2023	440	5/2/2023	410	5/2/2023	560	5/2/2023
Hexavalent Chromium	0.94	5/2/2023	0.051	5/2/2023	ND	5/2/2023	1.6	5/8/2023	1.7	5/8/2023	0.14	5/2/2023	2.8	5/2/2023	4.6	5/2/2023	6.3	5/2/2023	13	5/2/2023
Total Chromium	0.98	5/2/2023	0.050	5/2/2023	0.025	5/2/2023	1.8	5/8/2023	1.7	5/8/2023	0.14	5/2/2023	2.6	5/2/2023	4.4	5/2/2023	5.8	5/2/2023	12	5/2/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 05/02, I-AB online for sampling.  
 3: On 05/08, I-AC online for sampling.  
 4: On 05/04, I-D, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.  
 5: On 05/11, 05/18, and 05/30, I-D, I-L, I-S, and I-Y water level taken manually due to water level dropping below transducer level.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-G		I-H		I-I		I-J		I-K		I-L		I-M		I-N		I-O		I-P	
	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
05/01/23	0.23	1711.28	0.64	1719.60	3.4	1721.85	5.9	1712.00	3.1	1708.67	0.86	1714.95	1.4	1718.14	2.0	1714.40	0.93	1721.41	1.8	1720.91
05/02/23	0.23	1711.28	0.71	1719.59	3.7	1721.82	5.9	1712.00	3.0	1708.67	0.78	1715.66	0.99	1719.02	2.0	1714.42	1.0	1721.40	1.8	1720.90
05/03/23	0.23	1711.28	0.75	1719.57	4.2	1721.82	5.9	1711.99	3.0	1708.66	0.8	1716.05	0.70	1719.71	2.0	1714.44	1.0	1721.40	1.8	1720.89
05/04/23	0.23	1711.27	0.75	1719.62	4.3	1721.81	5.9	1711.99	3.0	1708.66	0.80	1715.81	0.74	1719.72	2.0	1714.47	1.1	1721.38	1.8	1720.88
05/05/23	0.23	1711.27	0.75	1719.61	4.3	1721.80	5.9	1711.99	3.0	1708.65	1.1	< 1714.00	2.0	1716.72	2.0	1714.48	1.1	1721.37	1.8	1720.88
05/06/23	0.23	1711.27	0.74	1719.63	4.3	1721.79	5.9	1711.99	3.0	1708.66	1.1	< 1714.00	2.0	1716.77	2.0	1714.52	1.1	1721.37	1.8	1720.88
05/07/23	0.23	1711.27	0.74	1719.63	4.3	1721.80	5.9	1711.99	3.0	1708.66	1.1	< 1714.00	1.9	1716.85	2.0	1714.52	1.1	1721.37	1.8	1720.88
05/08/23	0.23	1711.27	0.74	1719.64	4.2	1721.80	5.9	1711.97	3.0	1708.64	1.1	< 1714.00	1.9	1716.89	2.0	1714.50	1.1	1721.38	1.8	1720.89
05/09/23	0.23	1711.27	0.71	1719.64	4.3	1721.80	5.9	1711.96	3.0	1708.64	1.1	< 1714.00	1.8	1717.01	2.0	1714.51	1.1	1721.37	1.8	1720.89
05/10/23	0.23	1711.27	0.73	1719.67	4.3	1721.79	5.8	1711.95	3.1	1708.59	1.1	< 1714.00	1.7	1717.20	2.0	1714.54	1.1	1721.37	1.8	1720.89
05/11/23	0.23	1711.27	0.74	1719.68	4.3	1721.78	5.8	1711.95	3.0	1708.63	1.1	< 1713.95	1.7	1717.29	2.0	1714.55	1.1	1721.35	1.8	1720.88
05/12/23	0.23	1711.27	0.67	1719.73	4.2	1721.77	5.8	1711.96	3.0	1708.63	1.1	< 1713.95	1.7	1717.32	2.0	1714.58	1.00	1721.35	1.8	1720.88
05/13/23	0.23	1711.27	0.60	1719.77	3.9	1721.78	5.8	1711.96	3.0	1708.64	1.1	< 1713.95	1.7	1717.36	1.9	1714.59	0.94	1721.36	1.8	1720.90
05/14/23	0.23	1711.28	0.61	1719.82	3.5	1721.77	5.8	1711.96	3.0	1708.63	1.1	< 1713.95	1.8	1716.90	1.9	1714.58	0.95	1721.36	1.8	1720.89
05/15/23	0.23	1711.28	0.60	1719.79	3.4	1721.77	5.8	1711.96	3.0	1708.63	1.1	< 1713.95	2.0	1716.46	1.9	1714.57	0.98	1721.35	1.8	1720.89
05/16/23	0.23	1711.28	0.58	1719.83	3.4	1721.78	5.8	1711.96	3.0	1708.64	1.1	< 1713.95	1.9	1716.66	1.9	1714.56	0.98	1721.36	1.8	1720.91
05/17/23	0.23	1711.28	0.57	1719.82	3.4	1721.79	5.8	1711.96	3.0	1708.63	1.1	< 1713.95	1.8	1716.81	1.9	1714.54	0.99	1721.37	1.8	1720.93
05/18/23	0.23	1711.28	0.58	1719.83	3.4	1721.79	5.8	1711.96	3.0	1708.63	1.1	< 1713.94	1.8	1716.95	1.9	1714.56	0.94	1721.39	1.8	1720.93
05/19/23	0.23	1711.28	0.59	1719.84	3.4	1721.67	5.8	1711.96	3.0	1708.64	1.1	< 1713.94	1.7	1717.06	1.9	1714.53	1.0	1721.30	1.8	1720.87
05/20/23	0.23	1711.28	0.60	1719.64	3.4	1721.45	5.8	1711.96	3.0	1708.64	1.1	< 1713.94	1.7	1717.16	1.9	1714.50	0.99	1721.10	1.8	1720.60
05/21/23	0.23	1711.28	0.59	1719.38	3.4	1721.36	5.8	1711.96	3.0	1708.64	1.1	< 1714.03	1.6	1717.47	1.9	1714.48	1.0	1720.95	1.8	1720.36
05/22/23	0.23	1711.28	0.58	1719.21	3.3	1721.29	5.7	1711.96	3.0	1708.64	0.94	< 1714.06	1.5	1717.68	1.9	1714.47	1.1	1720.82	1.8	1720.14
05/23/23	0.23	1711.28	0.57	1719.05	3.3	1721.23	5.7	1711.96	3.0	1708.65	0.99	1714.36	1.5	1717.78	1.9	1714.47	1.1	1720.74	1.8	1719.96
05/24/23	0.23	1711.28	0.57	1718.86	3.3	1721.17	5.7	1711.97	3.0	1708.65	1.1	< 1714.00	1.5	1717.85	1.9	1714.46	1.1	1720.67	1.8	1719.80
05/25/23	0.23	1711.27	0.56	1718.67	3.4	1721.12	5.7	1711.97	3.0	1708.66	1.1	< 1714.00	1.4	1717.96	1.9	1714.45	1.2	1720.61	1.8	1719.64
05/26/23	0.22	1711.27	0.57	1718.51	3.4	1721.07	5.7	1711.97	3.0	1708.66	1.1	< 1714.00	1.4	1718.09	1.9	1714.41	1.2	1720.54	1.7	1719.50
05/27/23	0.22	1711.27	0.58	1718.31	3.4	1721.03	5.6	1711.97	3.0	1708.66	1.1	< 1714.00	1.4	1718.19	1.9	1714.35	1.2	1720.49	1.7	1719.37
05/28/23	0.22	1711.27	0.58	1718.14	3.4	1721.00	5.6	1711.97	3.0	1708.66	1.1	< 1714.00	1.3	1718.29	1.9	1714.37	1.2	1720.45	1.7	1719.26
05/29/23	0.22	1711.27	0.57	1717.94	3.4	1720.97	5.6	1711.97	3.0	1708.66	1.1	< 1714.00	1.3	1718.36	1.9	1714.55	1.2	1720.41	1.7	1719.16
05/30/23	0.22	1711.27	0.58	1717.72	3.4	1720.94	5.6	1711.97	3.0	1708.66	1.1	< 1713.92	1.3	1718.44	1.9	1714.70	1.2	1720.38	1.7	1719.09
05/31/23	0.22	1711.27	0.57	1717.45	3.4	1720.92	5.6	1711.97	3.0	1708.67	1.1	< 1713.92	1.1	1718.84	1.8	1715.03	1.2	1720.34	1.7	1719.01
Monthly Average	0.23	1711.28	0.64	1719.26	3.7	1721.53	5.8	1711.97	3.0	1708.65	1.1	1714.20	1.6	1717.64	1.9	1714.52	1.1	1721.08	1.8	1720.42
Analytical <sup>1</sup>	Conc (mg/L)	Date	Conc <sup>6</sup> (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	890	5/4/2023	665	5/4/2023	470	5/8/2023	150	5/8/2023	230	5/8/2023	250	5/2/2023	570	5/2/2023	490	5/2/2023	590	5/4/2023	570	5/4/2023
Hexavalent Chromium	16	5/4/2023	11	5/4/2023	6.1	5/8/2023	3.2	5/8/2023	2.3	5/8/2023	1.4	5/2/2023	5.4	5/2/2023	7.4	5/2/2023	8.8	5/4/2023	9.6	5/4/2023
Total Chromium	16	5/4/2023	11	5/4/2023	6.3	5/8/2023	3.2	5/8/2023	2.3	5/8/2023	1.4	5/2/2023	5.2	5/2/2023	7.4	5/2/2023	8.4	5/4/2023	9.4	5/4/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 5: On 05/11, 05/18, and 05/30, I-D, I-L, I-S, and I-Y water level taken manually due to water level dropping below transducer level.  
 6: Duplicates taken on 05/04 for well I-H; average of both values is presented and used for calculations.  
 7: On 05/04, I-L, I-M, I-R, and I-X adjusted to meet flow targets as directed 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-Z			
	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>7,8</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>9,10</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>10</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>7</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>15</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>4</sup> (gpm)	Water Elevation (ft amsl)
05/01/23	0.26	1715.28	1.0	1713.56	1.7	1735.00	0.74	1707.65	0.76	1709.38	0.76	1722.00	0.67	1719.70	2.8	< 1698.50	1.3	< 1699.65	8.2	1710.12
05/02/23	0.25	1715.33	0.86	1716.33	1.7	< 1707.04	0.74	1707.65	0.76	1709.44	0.77	1721.97	0.67	1719.68	2.8	< 1698.48	1.3	< 1699.65	8.5	1710.12
05/03/23	0.23	1715.48	0.92	1717.46	1.7	< 1707.04	0.74	1707.65	0.73	1710.06	0.79	1721.97	0.68	1719.63	2.8	< 1698.47	1.3	< 1699.65	8.7	1710.12
05/04/23	0.23	1715.54	0.96	1717.14	1.7	< 1707.04	0.74	1707.64	0.73	1710.11	0.81	1721.95	0.65	1719.74	2.8	< 1698.47	1.3	< 1700.57	8.7	< 1709.85
05/05/23	0.22	1715.62	1.1	1715.24	1.7	< 1707.04	0.74	1707.64	0.74	1710.01	0.83	1721.93	0.64	1719.79	2.8	< 1698.47	1.3	< 1700.57	8.7	< 1709.85
05/06/23	0.22	1715.64	1.1	1715.06	1.7	< 1707.04	0.74	1707.64	0.73	1710.03	0.83	1721.93	0.65	1719.72	2.8	< 1698.46	1.3	< 1700.57	8.7	< 1709.85
05/07/23	0.22	1715.64	1.1	1715.06	1.7	< 1707.04	0.74	1707.64	0.71	1710.06	0.82	1721.93	0.66	1719.70	2.8	< 1698.46	1.3	< 1700.57	8.5	< 1709.85
05/08/23	0.21	1715.68	1.1	1715.14	1.7	< 1707.04	0.74	1707.64	0.74	1710.07	0.83	1721.93	0.66	1719.72	2.8	< 1698.46	1.3	< 1700.57	8.1	< 1709.85
05/09/23	0.22	1715.68	1.1	1715.09	1.6	< 1707.04	0.74	1707.64	0.72	1710.17	0.88	1721.92	0.65	1719.74	2.8	< 1698.46	1.2	< 1700.57	7.7	< 1709.85
05/10/23	0.21	1715.67	1.1	1715.18	1.7	< 1707.04	0.74	1707.64	0.73	1710.10	0.90	1721.90	0.66	1719.69	2.8	< 1698.45	1.2	< 1700.57	8.0	< 1709.85
05/11/23	0.21	1715.65	1.1	1715.37	1.6	< 1707.08	0.74	1707.64	0.73	1709.93	0.92	1721.88	0.67	1719.63	2.8	< 1698.47	1.2	< 1700.66	7.7	< 1709.85
05/12/23	0.22	1715.64	1.0	1715.42	1.6	< 1707.08	0.74	1707.64	0.72	1710.17	0.91	1721.87	0.67	1719.63	2.8	< 1698.47	1.2	< 1700.66	8.1	1710.02
05/13/23	0.22	1715.66	0.91	1715.65	1.6	< 1707.08	0.74	1707.65	0.71	1710.48	0.91	1721.88	0.67	1719.63	2.8	< 1698.46	1.2	< 1700.66	8.0	1710.04
05/14/23	0.21	1715.68	0.90	1715.71	1.6	< 1707.08	0.74	1707.65	0.71	1710.41	0.91	1721.88	0.66	1719.67	2.8	< 1698.46	1.2	< 1700.66	7.8	1710.06
05/15/23	0.21	1715.68	0.87	1716.12	1.6	< 1707.08	0.74	1707.65	0.72	1710.32	0.89	1721.88	0.63	1719.80	2.8	< 1698.47	1.3	< 1700.66	7.6	1710.07
05/16/23	0.21	1715.70	0.82	1716.66	1.6	< 1707.08	0.74	1707.65	0.71	1710.43	0.88	1721.89	0.63	1719.82	2.7	< 1698.47	1.3	< 1700.66	7.7	1710.08
05/17/23	0.21	1715.71	0.81	1716.66	1.6	< 1707.08	0.74	1707.65	0.71	1710.49	0.88	1721.90	0.63	1719.83	2.7	< 1698.47	1.3	< 1700.66	7.9	1710.08
05/18/23	0.21	1715.73	0.80	1716.69	1.6	< 1707.19	0.74	1707.65	0.71	1710.66	0.88	1721.91	0.63	1719.84	2.7	< 1698.47	1.3	< 1700.80	7.9	1710.08
05/19/23	0.21	1715.73	0.81	1716.68	1.6	< 1707.19	0.74	1707.65	0.69	1710.89	3.0	1720.08	0.64	1719.76	2.7	< 1698.47	1.3	< 1700.80	7.7	1710.08
05/20/23	0.21	1715.72	0.80	1716.67	1.6	< 1707.19	0.74	1707.65	0.70	1710.66	4.2	1719.38	0.65	1719.45	2.7	< 1698.47	1.3	< 1700.80	7.8	1710.09
05/21/23	0.21	1715.69	0.82	1716.68	1.6	< 1707.19	0.74	1707.65	0.70	1710.63	4.2	1719.17	0.65	1719.26	2.7	< 1698.48	1.3	< 1700.80	7.6	1710.09
05/22/23	0.21	1715.68	0.81	1716.77	1.6	< 1707.19	0.74	1707.66	0.71	1710.34	4.2	1718.99	0.65	1719.11	2.7	< 1698.48	1.3	< 1700.80	7.3	1710.10
05/23/23	0.21	1715.65	0.81	1716.85	1.6	< 1707.19	0.73	1707.66	0.71	1710.12	4.2	1718.82	0.65	1718.95	2.7	< 1698.48	1.3	< 1700.80	7.6	1710.10
05/24/23	0.22	1715.63	0.85	1716.50	1.6	< 1707.19	0.73	1707.66	0.71	1710.04	4.2	1718.67	0.64	1718.73	2.7	< 1698.48	1.3	< 1700.80	7.5	1710.10
05/25/23	0.22	1715.61	1.0	1714.53	1.6	< 1707.16	0.72	1707.66	0.70	1710.06	4.2	1718.52	0.64	1718.38	2.7	< 1698.48	1.2	< 1700.89	7.6	1710.10
05/26/23	0.22	1715.59	0.97	1714.56	1.6	< 1707.16	0.72	1707.65	0.70	1710.06	4.2	1718.37	0.63	1718.04	2.7	< 1698.48	1.2	< 1700.89	7.6	1710.10
05/27/23	0.22	1715.57	0.97	1714.65	1.6	< 1707.16	0.72	1707.65	0.70	1709.96	4.2	1718.24	0.62	1717.57	2.7	< 1698.48	1.2	< 1700.89	7.5	1710.10
05/28/23	0.22	1715.54	0.97	1714.71	1.6	< 1707.16	0.71	1707.65	0.69	1709.90	4.2	1718.12	0.61	1717.47	2.7	< 1698.49	1.2	< 1700.89	7.4	1710.10
05/29/23	0.22	1715.52	0.96	1714.64	1.6	< 1707.16	0.71	1707.65	0.70	1709.78	4.2	1718.00	0.60	1717.30	2.7	< 1698.48	1.2	< 1700.89	7.4	1710.11
05/30/23	0.22	1715.52	0.96	1714.63	1.6	< 1707.23	0.71	1707.65	0.70	1709.74	4.2	1717.90	0.60	1717.22	2.7	< 1698.48	1.2	< 1700.85	7.4	1710.11
05/31/23	0.22	1715.52	0.93	1715.44	1.6	< 1707.23	0.71	1707.65	0.69	1709.70	4.2	1717.80	0.59	1717.16	2.7	< 1698.49	1.2	< 1700.85	7.4	1710.12
Monthly Average	0.22	1715.61	0.95	1715.70	1.6	1708.02	0.73	1707.65	0.71	1710.14	2.2	1720.53	0.64	1719.14	2.8	1698.47	1.3	< 1700.62	7.9	1710.03
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	580	5/4/2023	660	5/2/2023	340	5/2/2023	720	5/4/2023	770	5/4/2023	540	5/8/2023	560	5/4/2023	600	5/2/2023	420	5/2/2023	200	5/8/2023
Hexavalent Chromium	13	5/4/2023	0.86	5/2/2023	1.6	5/2/2023	14	5/4/2023	13	5/4/2023	6.2	5/8/2023	9.0	5/4/2023	10	5/2/2023	1.3	5/2/2023	4.7	5/8/2023
Total Chromium	12	5/4/2023	0.82	5/2/2023	1.6	5/2/2023	13	5/4/2023	12	5/4/2023	6.0	5/8/2023	8.9	5/4/2023	9.9	5/2/2023	1.4	5/2/2023	4.6	5/8/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 4: On 05/04, I-D, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.  
 5: On 05/11, 05/18, and 05/30, I-D, I-L, I-S, and I-Y water level taken manually due to water level dropping below transducer level.  
 7: On 05/04, I-L, I-M, I-R, and I-X adjusted to meet flow targets as directed by the Trust.  
 8: On 05/25, I-R adjusted to meet flow targets as directed by the Trust.  
 9: On 05/02, I-S water level taken manually due to water level dropping below transducer level.  
 10: On 05/19, I-S offline due to maintenance.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																						
Date	LS #2	GWTP Effluent <sup>1</sup>				GW-11 Influent <sup>1</sup>				Unit 4 Influent <sup>2</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 <sup>3,4</sup> (gpm)	PA - Cr (VI) (mg/L)	TA - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>3</sub> (mg/L)	TA - NO <sub>3</sub> - N (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)	
05/01/23	848	60				0.0				2.7					908		46					
05/02/23	784	60				0.0				2.7					857		44					
05/03/23	816	60	0.63	ND	410	0.0				2.6	26	670	12,000	16	903		40		8.5	0.092	0.048	
05/04/23	860	60				0.0				2.5					920		44					
05/05/23	875	60				0.0				2.2					935		45					
05/06/23	880	60				0.0				2.1					940	53	46					
05/07/23	841	60				0.0				2.3					905		43					
05/08/23	869	60				0.0				2.5					954		44					
05/09/23	852	60				0.0				2.3					917		43					
05/10/23	893	60	0.69 B	0.00025 J	390	0.0				2.4	26	610	9,100	12	953		42	110	8.4	0.10 B	0.046	
05/11/23	857	60				0.0				2.5					918		41					
05/12/23	858	60				0.0				2.6					918		42					
05/13/23	854	60				0.0				2.1					914	60	47					
05/14/23	843	60				0.0				1.5					913		45					
05/15/23	846	60				2.9	0.060	0.051	30	1.6					907		47					
05/16/23	839	60				0.0				3.7					899		48					
05/17/23	840	60	0.49	0.00033 J	430	0.0				3.6	25	830	8,200	16	900		50		9.0	0.092	0.046	
05/18/23	885	60				0.0				3.4					945		47					
05/19/23	863	60				0.0				3.1					923		48					
05/20/23	823	60				0.0				2.5					883	56	47					
05/21/23	863	60				0.0				0.0					923		47					
05/22/23	852	60				0.0				0.0					912		45					
05/23/23	816	60				0.0				0.0					879		46					
05/24/23	844	60	0.066	0.000271 J	420	0.0				0.0	25	640	6000	13	904		47				0.13	0.039
05/25/23	850	60				0.0				2.6					910		46					
05/26/23	825	60				0.0				4.5					892		46		9.3			
05/27/23	818	60				0.0				4.0					878	60	53					
05/28/23	893	59				0.0				4.9					952		51					
05/29/23	843	60				0.0				4.3					910		66					
05/30/23	825	60	0.022	0.00032 J	400	0.0				4.0	4.8	370	1100	28	885		29		9.3	0.098	0.030	
05/31/23	819	64				0.0				3.7					883		59					
Monthly Average <sup>2</sup>	848	60	0.40	0.00023	410	0.1	0.060	0.051	30	2.5	22	645	7534	16.3	911	57	46	110	4.8	0.082	0.033	

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.  
 ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 ug/L; ClO<sub>3</sub> = 10 ug/L; NO<sub>3</sub>-N = 0.055 mg/L; Cr(VI) = 0.25 ug/L).  
 B = Compound was found in the blank and sample.  
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.  
 1: 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: From 05/21 to 05/25 Unit 4 flow offline for maintenance.  
 4: On 05/30 Unit 4 flow offline for maintenance; averaged values are presented.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics														
Date	1st Stage FBR <sup>2</sup>			2nd Stage FBR <sup>2</sup>			FBR Plant Effluent <sup>4</sup>							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow <sup>3</sup> (gpm)	TA - ClO <sub>2</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)
05/01/23	904	6.8	-344	790	6.8	-408	872		ND					9.0
05/02/23	877	6.7	-321	698	6.7	-414	857		ND					9.0
05/03/23	866	6.7	-306	727	6.7	-418	862		ND		0.011	ND	ND	9.0
05/04/23	849	6.7	-369	721	6.7	-441	864		ND					8.0
05/05/23	881	6.7	-400	807	6.7	-447	867		ND					6.0
05/06/23	907	6.7	-402	722	6.7	-449	869	ND	ND					9.0
05/07/23	925	6.7	-390	617	6.7	-433	879		ND					9.0
05/08/23	892	6.6	-377	825	6.6	-427	863		ND					9.0
05/09/23	860	6.6	-355	801	6.5	-432	858		ND					9.0
05/10/23	915	6.5	-206	628	6.7	-329	861		ND	0.015 J	0.0088 J B	ND	ND	6.0
05/11/23	948	6.6	-192	738	6.7	-372	893		ND					17
05/12/23	890	6.6	-327	823	6.8	-404	848		ND					28
05/13/23	835	6.6	-321	848	6.8	-408	853	ND D	ND					20
05/14/23	881	6.6	-291	835	6.8	-388	851		ND					28
05/15/23	990	6.6	-284	722	6.8	-331	821		ND					35
05/16/23	897	6.6	-163	782	6.9	-405	801		ND					17
05/17/23	943	6.7	-233	763	6.9	-388	957		ND		0.051	ND	ND	8.0
05/18/23	967	6.7	-244	841	6.9	-411	976		ND					6.0
05/19/23	964	6.7	-200	775	6.9	-417	977		ND					9.0
05/20/23	963	6.7	-227	808	6.9	-415	978	ND	ND					8.0
05/21/23	968	6.7	-234	704	6.9	-381	978		ND					9.0
05/22/23	959	6.8	-205	777	6.9	-385	968		ND					9.0
05/23/23	959	6.8	-246	801	7.0	-399	970		ND					0.0
05/24/23	966	6.9	-342	778	7.0	-411	967		ND		0.0045	ND		8.0
05/25/23	763	6.8	-211	562	7.0	-411	970		ND					6.0
05/26/23	852	6.7	-362	769	6.9	-415	944		ND				ND	7.0
05/27/23	857	6.7	-344	776	6.9	-417	875	ND D	ND					6.0
05/28/23	840	6.7	-296	728	6.9	-440	876		ND					5.0
05/29/23	857	6.9	-398	694	7.0	-409	885		ND					4.0
05/30/23	863	6.9	-375	800	6.9	-401	864		ND		0.0041 J	ND	ND	5.0
05/31/23	980	6.9	-339	718	6.9	-412	843		ND					5.0
Monthly Average <sup>2</sup>	904	6.7	-299	754	6.8	-407	895	ND	ND	0.015	0.014	ND	ND	10

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.  
 ND = Not detected above laboratory method detection limit (ClO<sub>2</sub> = 0.5 ug/L; ClO<sub>3</sub> = 10 ug/L; NO<sub>3</sub>-N = 0.055 mg/L; Cr(VI) = 0.25 ug/L).  
 B = Compound was found in the blank and sample.  
 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: 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)
05/15/23	23.2	45.6
05/31/23	23.8	44.8

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>2</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
05/09/23	0.0	0.0	0.0	0.0
05/23/23	0.0	0.0	0.0	0.0

GW-11 Composite Sample <sup>3</sup>		
Analytes	Concentration	Units
Perchlorate	7.1	mg/L
Chlorate	5.9	mg/L
Ammonia as N	0.094	mg/L
Total Phosphorus	0.37 B	mg/L
Total Dissolved Solids (TDS)	14,000	mg/L
Total Suspended Solids (TSS)	71	mg/L
pH	8.9 HF	s.u.
Calcium	690 B	mg/L
Iron	0.54	mg/L
Chromium (total)	0.0075 J	mg/L
Chromium VI	0.0051	mg/L
Chloride	5,200	mg/L
Nitrate as N	ND D	mg/L
Sulfate	4,200	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.

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 (Cr(VI) = 0.25 ug/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: May 16, 2023



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)		
June 2022	921	52	12	110	430	502
July 2022	912	50	12	100	402	488
Aug 2022	911	50	11	120	429	466
Sep 2022	852	54	11	110	392	439
Oct 2022	909	54	10	110	410	422
Nov 2022	897	49	10	110	397	410
Dec 2022	897	51	10	120	413	407
Jan 2023	889	49	9	95	359	400
Feb 2023	900	50	9.0	110	386	393
Mar 2023	913	54	9.0	150	474	406
Apr 2023	917	51	8.9	130	432	410
May 2023	911	57	4.8	110	364	405

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 <sup>2,3</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)
05/01/23	3.3	1712.34	0.85	1709.70	0.98	1711.45	0.60	1714.67	0.89	1717.35	1.1	1715.39	1.1	1715.99	0.42	1710.45
05/02/23	3.3	1712.16	0.80	1709.63	0.94	1711.43	0.66	1715.03	0.90	1717.27	0.97	1715.34	1.1	1715.92	0.39	1710.31
05/03/23	3.2	1712.13	0.78	1709.76	1.0	1711.37	0.69	1714.86	0.89	1717.40	1.0	1715.37	0.93	1715.86	0.40	1709.88
05/04/23	3.3	1712.09	0.77	1710.59	0.98	1710.54	0.63	1715.23	0.90	1717.50	1.0	1716.00	1.1	1715.61	0.40	1710.51
05/05/23	3.2	1712.12	0.84	1710.50	0.98	1710.43	0.68	1716.09	0.90	1717.57	0.78	1716.92	0.92	1715.57	0.47	1710.60
05/06/23	3.1	1712.23	0.79	1711.36	0.95	1710.37	0.60	1715.92	0.86	1717.53	0.86	1716.83	0.9	1715.96	0.39	1710.52
05/07/23	3.5	1711.46	0.89	1710.11	1.1	1710.53	0.66	1716.22	0.94	1718.28	0.95	1718.76	1.0	1718.30	0.42	1710.73
05/08/23	3.3	1711.43	0.82	1709.74	0.98	1710.60	0.63	1715.67	0.91	1717.20	1.1	1717.45	1.0	1717.54	0.47	1710.14
05/09/23	3.3	1711.24	0.88	1709.45	1.0	1710.52	0.63	1715.60	0.96	1717.27	1.00	1717.36	1.1	1717.43	0.43	1709.61
05/10/23	3.2	1711.59	0.85	1709.86	0.97	1710.84	0.60	1715.75	0.94	1716.91	0.92	1717.10	0.96	1717.05	0.36	1710.00
05/11/23	3.2	1711.48	0.84	1709.83	0.98	1710.91	0.59	1715.83	0.91	1716.77	0.93	1717.13	0.95	1716.99	0.42	1709.63
05/12/23	3.2	1710.61	0.77	1710.39	1.1	1712.01	0.90	1717.14	1.1	1716.37	0.52	1716.43	1.1	1716.93	0.70	1711.87
05/13/23	3.6	1711.28	0.82	1710.74	0.99	1711.44	0.68	1717.07	0.96	1715.27	0.84	1716.67	1.0	1716.33	0.49	1712.02
05/14/23	3.3	1710.81	0.83	1709.71	1.0	1710.62	0.70	1713.82	0.95	1717.32	0.92	1719.15	1.0	1717.81	0.48	1710.42
05/15/23	3.1	1710.78	0.85	1709.96	0.9	1710.70	0.71	1713.90	0.90	1716.10	0.95	1715.99	0.95	1717.41	0.45	1710.34
05/16/23	3.4	1710.80	0.82	1709.84	1.1	1710.65	0.67	1713.72	1.0	1715.71	1.3	1715.93	1.1	1717.45	0.50	1709.93
05/17/23	3.3	1710.92	0.83	1710.19	0.99	1710.58	0.68	1713.81	0.97	1715.72	1.1	1716.07	1.0	1717.38	0.48	1710.22
05/18/23	3.3	1710.65	0.85	1710.33	1.0	1710.86	0.67	1714.54	0.95	1716.55	1.2	1716.02	0.99	1716.30	0.48	1710.77
05/19/23	3.2	1709.81	0.81	1710.39	0.91	1711.27	0.59	1715.97	0.97	1717.40	1.0	1715.74	0.99	1716.33	0.47	1711.47
05/20/23	3.3	1709.85	0.88	1710.57	0.98	1711.52	0.65	1717.07	0.98	1715.94	1.1	1715.44	1.0	1716.55	0.46	1712.94
05/21/23	3.3	1710.54	0.84	1710.66	0.97	1710.95	0.64	1717.14	0.98	1717.37	1.1	1715.28	1.0	1716.66	0.47	1711.42
05/22/23	3.3	1711.12	0.84	1710.34	0.96	1710.54	0.63	1719.54	0.97	1717.06	1.1	1715.98	1.0	1717.08	0.47	1710.89
05/23/23	3.2	1711.01	0.86	1709.96	0.95	1710.50	0.71	1718.47	0.96	1716.84	1.1	1716.37	1.0	1716.99	0.40	1710.29
05/24/23	3.3	1711.38	0.85	1709.83	0.97	1709.89	0.68	1719.40	0.94	1716.82	1.1	1716.32	0.97	1717.11	0.58	1710.54
05/25/23	3.2	1711.53	0.82	1709.72	0.93	1710.03	0.66	1720.01	0.95	1716.41	1.1	1716.50	0.98	1717.43	0.48	1709.61
05/26/23	3.2	1711.37	0.85	1709.85	0.95	1710.64	0.66	1712.36	0.95	1717.01	1.1	1717.67	0.99	1717.99	0.45	1710.32
05/27/23	3.2	1711.32	0.84	1710.54	0.94	1711.47	0.59	1712.21	0.93	1716.99	1.0	1718.01	1.0	1717.88	0.44	1712.44
05/28/23	3.2	1709.39	0.76	1710.36	0.91	1711.72	0.62	1712.30	0.98	1716.12	1.2	1718.05	0.78	1718.00	0.40	1713.42
05/29/23	3.4	1709.69	0.94	1709.65	0.98	1711.52	0.60	1711.57	0.9	1715.88	1.1	1717.88	1.3	1717.54	0.56	1713.01
05/30/23	3.2	1710.12	0.84	1709.91	0.93	1711.77	0.57	1711.82	0.93	1716.35	1.0	1717.74	1.0	1717.44	0.46	1712.91
05/31/23	3.2	1709.40	0.82	1710.60	0.93	1710.62	0.70	1709.26	0.93	1716.97	1.1	1716.65	1.0	1717.76	0.47	1711.82
Monthly Average	3.3	1711.06	0.83	1710.13	0.97	1710.91	0.65	1715.22	0.94	1716.82	1.0	1716.69	1.0	1716.99	0.46	1710.93
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 <sup>4</sup> (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	480	5/9/2023	1,100	5/9/2023	330	5/9/2023	91	5/9/2023	330	5/9/2023	860	5/9/2023	780	5/9/2023	970	5/9/2023
Hexavalent Chromium	0.085	5/9/2023	0.57	5/9/2023	0.67	5/9/2023	0.025	5/9/2023	0.025	5/9/2023	0.092	5/9/2023	0.077	5/9/2023	0.21	5/9/2023
Total Chromium	0.090	5/9/2023	0.59	5/9/2023	0.70	5/9/2023	0.056	5/9/2023	0.027	5/9/2023	0.095	5/9/2023	0.084	5/9/2023	0.23	5/9/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 The flow rate at individual wells is adjusted daily to maintain the water level in the wells above the pump.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: From 05/19 to 05/22, E2-1 offline due to maintenance.  
 3: On 05/25, E2-1 flow meter offline due to maintenance; average values are presented.  
 4: Duplicates taken on 05/09 for well E2-3; average of both values is presented and used for calculations.

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

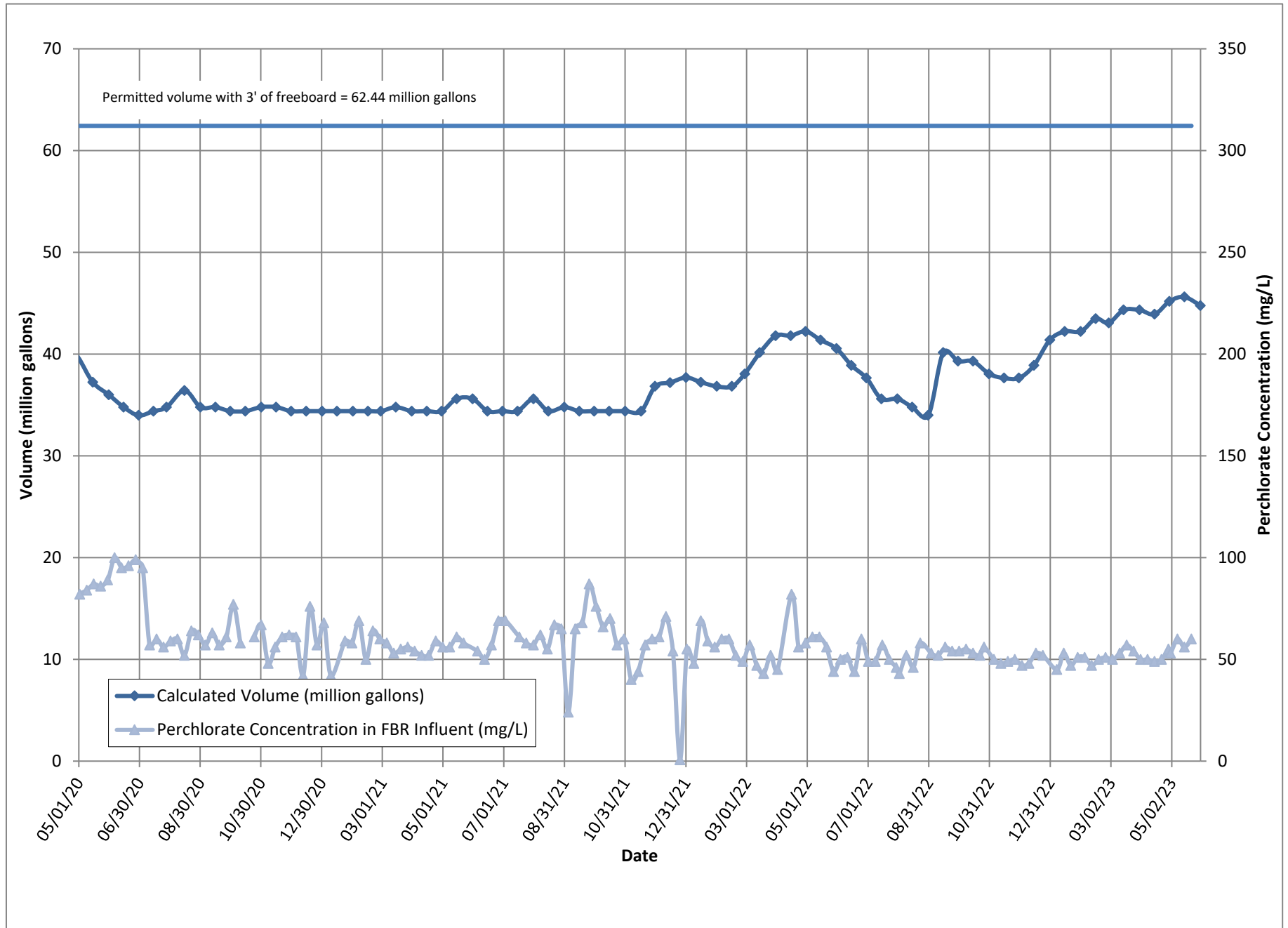


Figure 2 - FBR Equivalent Loading Calculation

