

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																			
Date	LS #1 Flow <sup>3</sup> (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 <sup>4</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>4</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>4</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>6</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
04/01/23	476	158	1537.30	87	1542.17	127	1543.32	108	1533.37	64	1547.73	108	1548.94	52	1549.90	19	1550.31	9.8	< 1520.00
04/02/23	532	157	1537.28	87	1542.21	126	1543.32	107	1533.44	64	1547.72	108	1548.92	52	1549.88	19	1550.29	9.7	< 1520.00
04/03/23	476	156	1537.23	87	1542.20	126	1543.30	107	1533.43	63	1547.70	108	1548.90	52	1549.86	19	1550.27	9.7	< 1520.00
04/04/23	483	156	1537.28	87	1542.22	125	1543.29	107	1533.44	63	1547.69	107	1548.88	52	1549.84	19	1550.25	9.7	< 1520.00
04/05/23	500	158	1537.16	87	1542.14	127	1543.20	108	1533.25	64	1547.63	109	1548.82	52	1549.78	19	1550.20	9.7	< 1520.00
04/06/23	551	158	1537.13	87	1542.09	126	1543.18	108	1533.21	64	1547.62	108	1548.80	52	1549.76	19	1550.19	9.7	< 1520.00
04/07/23	555	158	1537.09	87	1542.00	126	1543.16	108	1533.19	64	1547.61	109	1548.78	52	1549.74	19	1550.17	9.7	< 1520.00
04/08/23	542	158	1537.11	87	1541.95	126	1543.16	108	1533.21	64	1547.60	108	1548.77	52	1549.72	19	1550.15	9.7	< 1520.00
04/09/23	499	158	1537.08	87	1541.95	126	1543.13	108	1533.16	64	1547.58	109	1548.74	52	1549.69	19	1550.12	9.7	< 1520.00
04/10/23	498	142	1538.01	82	1542.42	114	1543.60	108	1533.28	64	1547.65	109	1548.80	53	1549.73	19	1550.15	9.7	< 1520.00
04/11/23	482	150	1537.63	87	1542.19	120	1543.44	102	1533.89	61	1547.72	103	1548.89	50	1549.82	18	1550.19	9.2	< 1520.00
04/12/23 <sup>2</sup>	499	158	1537.09	87	1541.82	126	1543.14	108	1533.19	64	1547.58	108	1548.74	52	1549.69	19	1550.11	9.8	< 1520.00
04/13/23 <sup>2</sup>	471	157	1537.08	87	1541.87	126	1543.12	108	1533.21	64	1547.56	108	1548.71	52	1549.66	19	1550.08	9.7	< 1520.00
04/14/23 <sup>2</sup>	481	158	1537.00	87	1541.83	126	1543.07	108	1533.12	64	1547.52	108	1548.66	52	1549.62	19	1550.03	10	< 1520.00
04/15/23 <sup>2</sup>	420	158	1536.98	87	1541.92	126	1543.03	108	1533.06	64	1547.50	108	1548.63	52	1549.58	19	1550.00	9.7	< 1520.00
04/16/23 <sup>2</sup>	512	158	1536.94	87	1541.78	126	1543.01	108	1533.02	64	1547.48	108	1548.61	52	1549.56	19	1549.98	9.7	< 1520.00
04/17/23 <sup>2</sup>	492	158	1537.02	87	1541.81	126	1543.04	108	1533.10	64	1547.50	108	1548.63	53	1549.58	19	1550.00	9.7	< 1520.00
04/18/23 <sup>2</sup>	461	158	1536.94	87	1541.82	126	1543.00	108	1533.05	64	1547.47	108	1548.59	53	1549.55	19	1549.96	9.7	< 1520.00
04/19/23 <sup>2</sup>	480	158	1536.96	87	1541.78	126	1543.01	108	1533.06	64	1547.47	108	1548.59	52	1549.55	19	1549.96	9.7	< 1520.00
04/20/23 <sup>2</sup>	417	158	1536.99	87	1541.84	126	1543.03	108	1533.07	64	1547.50	108	1548.62	53	1549.59	19	1550.00	9.7	< 1520.00
04/21/23 <sup>2</sup>	511	158	1537.08	87	1541.83	126	1543.12	107	1533.19	64	1547.57	108	1548.72	51	1549.71	19	1550.09	9.7	< 1520.00
04/22/23 <sup>2</sup>	495	158	1537.15	87	1541.85	126	1543.21	107	1533.24	64	1547.64	108	1548.80	51	1549.80	19	1550.18	9.7	< 1520.00
04/23/23 <sup>2</sup>	496	158	1537.16	87	1541.81	126	1543.27	108	1533.25	64	1547.70	109	1548.87	51	1549.87	19	1550.26	9.7	< 1520.00
04/24/23 <sup>2</sup>	478	158	1537.24	87	1541.85	126	1543.34	108	1533.31	64	1547.75	108	1548.94	51	1549.94	19	1550.32	9.7	< 1520.00
04/25/23 <sup>2</sup>	479	158	1537.25	87	1541.82	126	1543.37	108	1533.30	64	1547.78	108	1548.98	51	1549.98	19	1550.37	9.7	< 1520.00
04/26/23	479	158	1537.38	87	1541.90	126	1543.41	108	1533.38	64	1547.81	108	1549.02	51	1550.02	19	1550.42	9.7	< 1520.00
04/27/23	479	158	1537.39	87	1541.93	126	1543.44	108	1533.39	64	1547.84	109	1549.06	52	1550.06	18	1550.49	9.7	< 1520.00
04/28/23	479	158	1537.44	87	1541.92	126	1543.47	108	1533.43	64	1547.86	108	1549.08	51	1550.09	18	1550.51	9.7	< 1520.00
04/29/23	479	158	1537.47	87	1541.90	126	1543.49	108	1533.43	64	1547.86	109	1549.09	51	1550.10	18	1550.53	9.8	< 1520.00
04/30/23	480	158	1537.54	87	1541.94	127	1543.61	108	1533.49	64	1548.00	109	1549.33	4.2	1551.33	18	1550.76	9.8	< 1520.00
Monthly Average	489	157	1537.21	87	1541.96	126	1543.24	108	1533.27	64	1547.65	108	1548.83	50	1549.83	19	1550.21	9.7	< 1520.00
Analytical <sup>1</sup>	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	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate	12	4/13/2023	11	4/13/2023	3.4	4/13/2023	7.6	4/13/2023	2.1	4/13/2023	0.54	4/13/2023	0.072	4/13/2023	0.11	4/13/2023	0.76	4/13/2023	
Hexavalent Chromium	0.0047	4/13/2023	ND	4/13/2023	ND	4/13/2023	0.0059	4/13/2023	ND	4/13/2023	ND	4/13/2023	ND	4/13/2023	ND	4/13/2023	ND	4/13/2023	
Total Chromium	0.00094 J	4/13/2023	ND	4/13/2023	0.0027 J	4/13/2023	0.0021 J	4/13/2023	ND	4/13/2023	ND	4/13/2023	ND	4/13/2023	ND	4/13/2023	ND	4/13/2023	

**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 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: From 04/12 to 04/24, SWF offline intermittently due to maintenance.  
 3: On 04/11 and 04/24, LS1 offline due to maintenance.  
 4: On 04/10, PC-116R, PC-99R2/R3, and PC-115R offline due to maintenance.  
 5: Duplicates taken on 04/13 for well PC-116; average of both values is presented and used for calculations.  
 6: On 04/30, PC-120 offline due to maintenance.

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 <sup>3</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>4</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>3,5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6</sup> (gpm)	Water Elevation (ft amsl)
04/01/23	400	42	1584.01	77	1585.47	23	1583.10	3.6	1578.80	37	1576.69	25	1579.03	173	1582.30	1.5	1578.43
04/02/23	369	42	1584.01	99	1585.16	22	1583.12	3.7	1578.82	36	1576.73	25	1579.02	173	1582.29	1.5	1578.43
04/03/23	372	41	1583.84	133	1584.43	22	1582.97	3.6	1578.86	36	1576.88	24	1579.06	171	1582.07	1.5	1578.51
04/04/23	412	42	1583.70	141	1584.08	21	1582.79	3.6	1578.79	37	1576.73	24	1579.02	173	1581.87	1.5	1578.43
04/05/23	402	42	1583.62	141	1583.98	21	1582.72	3.5	1578.79	38	1576.75	24	1579.01	173	1581.79	1.5	1578.43
04/06/23	394	42	1583.57	141	1583.92	22	1582.67	3.5	1578.79	35	1576.81	25	1579.01	172	1581.74	1.5	1578.43
04/07/23	400	42	1583.54	141	1583.88	21	1582.64	3.5	1578.80	22	1580.06	26	1579.03	172	1581.71	1.5	1578.43
04/08/23	392	42	1583.51	141	1583.83	21	1582.61	3.4	1578.80	37	1576.78	25	1579.03	172	1581.68	1.5	1578.43
04/09/23	389	42	1583.48	142	1583.80	21	1582.58	3.4	1578.80	37	1576.73	25	1579.02	172	1581.65	1.5	1578.43
04/10/23	412	42	1583.46	141	1583.78	21	1582.57	3.4	1578.80	38	1576.66	25	1579.03	172	1581.64	1.5	1578.43
04/11/23	392	40	1583.44	141	1583.76	21	1582.55	3.3	1578.80	37	1576.69	25	1579.03	172	1581.62	1.5	1578.43
04/12/23	379	42	1583.43	141	1583.75	21	1582.54	3.4	1578.80	37	1576.72	25	1579.02	172	1581.61	1.5	1578.43
04/13/23	404	42	1583.42	141	1583.73	21	1582.53	3.3	1578.80	37	1576.68	24	1579.02	172	1581.60	1.5	1578.43
04/14/23	373	42	1583.40	141	1583.72	20	1582.52	3.3	1578.80	36	1576.72	24	1579.02	172	1581.59	1.5	1578.43
04/15/23	411	42	1583.39	141	1583.71	21	1582.52	3.3	1578.80	37	1576.68	24	1579.02	172	1581.59	1.5	1578.43
04/16/23	391	42	1583.39	141	1583.70	20	1582.51	3.3	1578.80	36	1576.68	25	1579.02	172	1581.58	1.5	1578.43
04/17/23	399	42	1583.39	141	1583.69	20	1582.51	3.3	1578.80	37	1576.68	24	1579.02	172	1581.57	1.5	1578.43
04/18/23 <sup>1</sup>	378	42	1583.38	141	1583.68	21	1582.50	3.3	1578.80	36	1576.67	24	1579.02	172	1581.57	1.5	1578.43
04/19/23	386	42	1583.37	141	1583.67	20	1582.49	3.3	1578.79	36	1576.69	24	1579.01	172	1581.56	1.5	1578.43
04/20/23	396	42	1583.36	142	1583.66	20	1582.48	3.3	1578.79	36	1576.69	24	1579.01	172	1581.55	1.5	1578.43
04/21/23	383	42	1583.36	141	1583.67	20	1582.49	3.3	1578.80	36	1576.72	24	1579.01	172	1581.56	1.5	1578.43
04/22/23	394	42	1583.37	142	1583.68	21	1582.50	3.3	1578.80	36	1576.71	24	1579.01	172	1581.57	1.5	1578.43
04/23/23	393	42	1583.39	142	1583.70	20	1582.51	3.3	1580.87	36	1576.71	24	1579.01	172	1581.59	1.5	1578.43
04/24/23	394	42	1583.41	142	1583.72	21	1582.52	3.3	1582.48	36	1576.68	25	1579.02	172	1581.61	1.5	1578.43
04/25/23	405	42	1583.44	142	1583.77	21	1582.55	3.3	1582.50	36	1576.73	24	1579.06	170	1581.57	1.5	1578.43
04/26/23	377	42	1583.46	142	1583.79	21	1582.57	3.4	1579.61	37	1576.63	25	1579.00	171	1581.66	1.5	1578.43
04/27/23	377	42	1583.48	141	1583.81	20	1582.59	3.4	1578.80	37	1576.65	25	1579.00	171	1581.68	1.5	1578.43
04/28/23	392	42	1583.50	142	1583.83	21	1582.61	3.4	1578.80	37	1576.66	25	1579.00	171	1581.70	1.5	1578.43
04/29/23	414	42	1583.52	142	1583.85	21	1582.63	3.4	1578.80	37	1576.61	25	1579.01	172	1581.72	1.5	1578.43
04/30/23	411	42	1583.54	142	1583.87	21	1582.64	3.4	1578.80	36	1576.68	25	1579.01	171	1581.74	1.5	1578.43
Monthly Average	393	42	1583.51	138	1583.90	21	1582.62	3.4	1579.14	36	1576.82	25	1579.02	172	1581.70	1.5	1578.43
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	
Perchlorate	22	4/11/2023	6.5	4/11/2023	150	4/11/2023	110	4/11/2023	150	4/11/2023	76	4/11/2023	50	4/11/2023	37	4/11/2023	
Hexavalent Chromium	ND	4/11/2023	0.0025	4/11/2023	0.29	4/11/2023	0.18	4/11/2023	0.56	4/11/2023	0.46	4/11/2023	0.062	4/11/2023	0.047	4/11/2023	
Total Chromium	ND	4/11/2023	ND	4/11/2023	0.30 B	4/11/2023	0.19 B	4/11/2023	0.59 B	4/11/2023	0.48 B	4/11/2023	0.057 B	4/11/2023	0.046 B	4/11/2023	

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: On 04/18, AWF offline due to maintenance  
 3: On 04/24, ART-4 switched to ART-4A; ART-8A briefly switched to ART-8  
 4: From 04/06 to 04/07, ART-9 offline for maintenance.  
 5: On 04/25, ART-8 switched to ART-8A.  
 6: Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow of 1.5 gpm determined from flow tests is presented for 4/1 - 4/30 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.  
 7: Duplicates taken on 04/11 for well PC-150; average of both values is presented and used for calculations.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-AR		I-AA		I-AB		I-AC		I-AD		I-B		I-C		I-D		I-E		I-F	
	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>4</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>5</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,8,9</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>6,9,10,11</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>9</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>12</sup> (gpm)	Water Elevation (ft amsl)
04/01/23	0.23	1715.14	0.92	1707.69	0.0	1718.86	0.0	1723.47	0.87	1718.22	0.39	1709.69	2.7	1708.71	1.1	1705.61	1.1	1708.51	2.7	1709.01
04/02/23	0.23	1715.14	0.92	1707.68	0.0	1718.86	0.0	1723.48	0.85	1718.48	0.39	1709.91	2.7	1708.72	1.1	1705.61	1.1	1708.51	2.7	1709.03
04/03/23 <sup>2</sup>	0.24	1715.39	0.91	1707.74	0.01	1718.82	0.0	1723.52	0.78	1719.28	0.38	1710.02	2.7	1708.87	0.67	1711.38	1.0	1711.12	2.7	1709.66
04/04/23 <sup>3</sup>	0.24	1715.13	0.92	1707.65	0.0	1718.88	0.0	1723.50	0.79	1719.27	0.40	1709.93	2.7	1708.71	0.48	1714.44	0.84	1713.80	2.9	1709.16
04/05/23 <sup>3</sup>	0.24	1715.15	0.91	1707.65	0.0	1718.86	0.0	1723.42	0.77	1719.51	0.39	1709.95	2.7	1708.71	0.47	1714.70	0.95	1714.06	2.9	1710.45
04/06/23 <sup>3</sup>	0.24	1715.14	0.91	1707.65	0.0	1718.85	0.01	1722.41	0.76	1719.68	0.39	1709.97	2.7	1708.71	0.47	1714.78	0.89	1714.65	3.6	1709.06
04/07/23	0.23	1715.14	0.91	1707.66	0.0	1718.86	0.0	1723.44	0.73	1719.88	0.39	1709.94	2.7	1708.72	0.43	1715.12	0.83	1715.16	3.8	1710.10
04/08/23	0.23	1715.14	0.91	1707.70	0.0	1718.87	0.0	1723.36	0.76	1719.69	0.39	1709.96	2.8	1708.72	0.50	1714.96	0.85	1715.18	4.0	1709.35
04/09/23	0.22	1715.14	0.91	1707.70	0.0	1718.86	0.0	1723.32	0.75	1719.72	0.37	1709.95	2.8	1708.72	0.71	1712.66	0.94	1714.10	4.0	1710.54
04/10/23 <sup>3</sup>	0.22	1715.15	0.91	1707.70	0.0	1718.87	0.0	1723.31	0.73	1719.90	0.36	1709.93	2.7	1708.72	1.1	1706.93	1.1	1711.41	3.2	1709.06
04/11/23 <sup>3</sup>	0.22	1715.16	0.91	1707.70	0.0	1718.88	0.0	1723.38	0.71	1720.13	0.37	1709.95	2.7	1708.73	1.1	1706.03	1.1	1711.57	2.7	1709.20
04/12/23 <sup>3</sup>	0.22	1715.16	0.91	1707.70	0.0	1718.88	0.09	1716.72	0.41	1722.00	0.39	1709.96	2.7	1708.73	0.53	1711.21	1.1	1712.07	2.6	1709.16
04/13/23 <sup>3</sup>	0.23	1715.16	0.92	1707.69	0.0	1718.92	0.03	1717.64	0.36	1722.52	0.41	1709.89	2.8	1708.72	0.90	1708.44	1.1	1712.05	2.4	1709.06
04/14/23	0.23	1715.16	0.92	1707.69	0.0	1718.94	0.0	1723.73	0.32	1722.76	0.41	1709.78	2.8	1708.72	1.2	1705.61	1.1	1711.13	2.4	1709.06
04/15/23	0.23	1715.14	0.92	1707.70	0.0	1718.97	0.0	1723.68	0.33	1722.67	0.42	1709.77	2.8	1708.72	1.1	1705.61	1.1	1709.86	2.3	1709.06
04/16/23	0.23	1715.13	0.92	1707.70	0.0	1719.00	0.0	1723.67	0.34	1722.64	0.41	1709.75	2.8	1708.72	1.1	1705.61	1.1	1709.34	2.3	1709.06
04/17/23	0.23	1715.13	0.92	1707.70	0.0	1719.01	0.0	1723.70	0.34	1722.67	0.38	1709.74	2.8	1708.73	1.1	1705.61	1.1	1708.67	2.3	1709.07
04/18/23	0.23	1715.14	0.92	1707.70	0.0	1718.94	0.0	1723.80	0.32	1722.72	0.39	1709.85	2.7	1708.72	1.1	1705.61	1.1	1708.57	2.3	1709.07
04/19/23	0.23	1715.14	0.92	1707.70	0.0	1718.90	0.0	1723.81	0.32	1722.72	0.40	1709.83	2.7	1708.72	1.1	1705.61	1.1	1708.75	2.3	1709.07
04/20/23	0.23	1715.15	0.92	1707.70	0.0	1718.88	0.0	1723.76	0.32	1722.71	0.39	1709.83	2.7	1708.72	1.1	1705.61	1.1	1708.64	2.3	1709.07
04/21/23	0.22	1715.15	0.92	1707.70	0.0	1718.88	0.0	1723.74	0.32	1722.73	0.38	1709.85	2.7	1708.72	1.1	1705.61	1.1	1708.44	2.2	1709.08
04/22/23	0.22	1715.15	0.91	1707.70	0.0	1718.87	0.0	1723.73	0.32	1722.72	0.36	1709.87	2.7	1708.72	1.1	1705.61	1.1	1709.12	2.2	1709.09
04/23/23	0.22	1715.15	0.91	1707.70	0.0	1718.87	0.0	1723.75	0.32	1722.72	0.36	1709.86	2.7	1708.72	1.1	1705.61	1.1	1709.42	2.2	1709.10
04/24/23	0.22	1715.15	0.91	1707.70	0.0	1718.86	0.0	1723.72	0.32	1722.74	0.36	1709.87	2.7	1708.73	1.1	1705.61	1.1	1709.40	2.2	1709.10
04/25/23 <sup>2</sup>	0.23	1715.20	0.90	1707.98	0.0	1718.88	0.0	1723.67	0.30	1722.85	0.37	1710.01	2.6	1709.14	1.1	1705.79	1.0	1711.33	2.2	1709.41
04/26/23	0.23	1715.12	0.92	1707.69	0.0	1718.89	0.0	1723.66	0.30	1722.83	0.39	1709.87	2.7	1708.72	1.1	1705.61	1.1	1712.01	2.2	1709.10
04/27/23	0.23	1715.12	0.92	1707.68	0.0	1718.89	0.0	1723.66	0.30	1722.82	0.37	1709.93	2.7	1708.72	1.1	1705.61	1.1	1712.03	2.2	1709.10
04/28/23	0.22	1715.12	0.91	1707.68	0.0	1718.89	0.0	1723.62	0.30	1722.82	0.35	1709.93	2.7	1708.72	1.1	1705.61	1.1	1712.09	2.2	1709.10
04/29/23	0.22	1715.12	0.91	1707.68	0.0	1718.89	0.0	1723.61	0.30	1722.82	0.37	1709.92	2.6	1708.73	1.1	1705.61	1.1	1712.17	2.2	1709.09
04/30/23	0.22	1715.12	0.91	1707.67	0.0	1718.89	0.0	1723.63	0.31	1722.80	0.36	1709.95	2.6	1708.73	1.1	1705.61	1.1	1712.17	2.2	1709.10
Monthly Average	0.23	1715.15	0.91	1707.70	0.00	1718.88	0.01	1723.13	0.49	1721.50	0.38	1709.89	2.7	1708.74	0.94	1707.91	1.0	1711.18	2.6	1709.25
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 <sup>13</sup> (mg/L)	Date
Perchlorate	330	4/3/2023	21	4/3/2023	58	4/3/2023	150	4/6/2023	160	4/6/2023	200	4/3/2023	350	4/4/2023	330	4/4/2023	320	4/4/2023	490	4/4/2023
Hexavalent Chromium	0.95	4/3/2023	0.055	4/3/2023	0.00051	4/3/2023	1.9	4/6/2023	1.9	4/6/2023	0.13	4/12/2023	2.8	4/4/2023	4.3	4/4/2023	7.2	4/4/2023	12	4/4/2023
Total Chromium	0.95	4/3/2023	0.049	4/3/2023	0.012	4/3/2023	1.9	4/6/2023	1.8	4/6/2023	0.14	4/3/2023	2.6	4/4/2023	4.2	4/4/2023	5.7	4/4/2023	11	4/4/2023

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
  - 1: Analytical results are reported from Eurofins TestAmerica.
  - 2: On 04/03 and 04/25, IWF offline due to maintenance.
  - 3: From 04/04 to 04/06 and 04/10 to 04/13, all wells except I-AR, I-AA, I-B, I-L, I-R, I-S, and I-Y offline due to maintenance.
  - 4: On 04/03, I-AB online for sampling.
  - 5: On 04/06 and from 04/12 to 04/13, I-AC online for sampling.
  - 6: On 04/12, I-AD, I-D, I-I, and I-K offline due to maintenance.
  - 7: On 04/13, I-AD, I-I, and I-J offline due to maintenance.
  - 8: On 04/14, I-AD and I-K offline due to maintenance.
  - 9: On 04/09, I-AD, I-D, I-E, I-M, I-N, I-P, I-S, and I-X adjusted to meet flow targets as directed by the Trust.
  - 10: On 04/13, I-D, I-G, I-H, I-J, I-K, I-Q, and I-V adjusted to meet flow targets as directed by the Trust.
  - 11: On 04/27, I-D, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.
  - 12: On 04/04, I-F, I-I, and I-X offline due to maintenance.
  - 13: Duplicates taken on 04/04 for well I-F; average of both values is presented and used for calculations.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																				
Date	I-G		I-H		I-I		I-J		I-K		I-L		I-M		I-N		I-O		I-P	
	Flow <sup>10,14</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>10</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>5,7,12,14,15,17</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>7,10,16</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>6,7,8,10</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>16,18</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>9</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>9</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>14,17</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>9</sup> (gpm)	Water Elevation (ft amsl)
04/01/23	0.23	1711.24	0.97	1713.41	4.3	1721.71	5.9	1708.87	3.1	1708.63	1.1	< 1713.42	2.1	1716.23	1.4	1717.92	0.55	1721.41	1.8	1720.70
04/02/23	0.23	1711.24	0.97	1713.94	4.3	1721.72	5.9	1708.87	3.1	1708.63	1.1	< 1713.42	2.1	1716.20	1.6	1717.41	0.55	1721.42	1.8	1720.70
04/03/23 <sup>2</sup>	0.23	1711.52	0.91	1716.71	3.5	1722.00	5.6	1708.87	2.9	1709.34	1.1	< 1713.42	1.8	1717.01	1.2	1718.15	0.48	1721.53	1.6	1720.87
04/04/23 <sup>3</sup>	0.23	1711.27	0.94	1717.64	3.2	1722.09	5.9	1708.87	3.0	1708.87	1.1	< 1713.42	1.6	1717.42	1.2	1718.60	0.52	1721.56	1.7	1720.90
04/05/23 <sup>3</sup>	0.23	1711.24	0.97	1716.86	3.5	1721.97	5.9	1708.87	3.1	1708.68	1.1	< 1713.42	1.8	1717.18	1.5	1718.34	0.53	1721.56	1.8	1720.89
04/06/23 <sup>3</sup>	0.22	1711.77	0.98	1715.57	4.2	1721.86	5.9	1709.07	3.0	1708.77	1.1	< 1713.47	1.5	1718.03	1.3	1718.90	0.59	1721.53	1.8	1720.90
04/07/23	0.23	1711.30	0.89	1717.01	3.1	1722.10	5.8	1712.66	3.0	1709.00	1.1	< 1713.47	1.2	1718.98	1.2	1719.33	0.46	1721.62	1.4	1721.10
04/08/23	0.23	1711.25	0.93	1718.44	4.4	1721.87	6.0	1712.03	3.1	1708.60	1.1	< 1713.47	1.1	1719.32	1.2	1719.53	0.60	1721.59	1.3	1721.19
04/09/23	0.23	1711.25	0.90	1718.40	4.2	1721.83	5.9	1712.03	3.1	1708.60	1.1	< 1713.47	1.5	1718.47	1.7	1718.63	0.60	1721.57	1.4	1721.10
04/10/23 <sup>3</sup>	0.23	1711.28	0.85	1718.72	2.9	1722.11	5.9	1712.43	3.1	1708.84	1.1	< 1713.47	2.3	1716.33	2.6	1714.42	0.43	1721.65	1.8	1720.95
04/11/23 <sup>3</sup>	0.23	1711.30	0.81	1718.41	3.7	1721.97	3.2	1721.28	3.1	1708.83	1.1	< 1713.47	2.1	1716.71	2.3	1714.32	0.45	1721.67	1.8	1720.98
04/12/23 <sup>3</sup>	0.23	1711.31	0.83	1718.65	3.1	1722.03	5.0	1716.54	2.6	1710.94	1.1	< 1713.47	1.9	1716.97	2.2	1714.44	0.41	1721.72	1.8	1721.04
04/13/23 <sup>3</sup>	0.17	1713.73	0.91	1718.52	3.3	1721.98	6.1	1712.28	3.2	1708.79	1.0	< 1713.32	1.9	1712.18	2.2	1714.45	0.41	1721.73	1.8	1721.04
04/14/23	0.19	1713.68	0.92	1718.61	3.4	1721.94	6.0	1712.00	3.0	1709.14	1.0	< 1713.32	1.9	1717.06	2.1	1714.40	0.41	1721.70	1.9	1721.00
04/15/23	0.19	1713.84	0.93	1718.37	3.6	1721.86	6.0	1712.00	3.1	1708.62	1.0	< 1714.05	1.9	1717.01	2.1	1714.39	0.41	1721.65	1.9	1720.94
04/16/23	0.18	1713.99	0.93	1718.25	3.7	1721.85	6.0	1712.00	3.1	1708.63	1.0	< 1714.25	1.9	1717.01	2.1	1714.37	0.34	1721.65	1.9	1720.93
04/17/23	0.18	1714.47	0.91	1718.47	3.8	1721.85	5.9	1712.00	3.1	1708.63	1.0	< 1714.22	1.9	1717.00	2.0	1714.37	1.1	1721.41	1.8	1720.91
04/18/23	0.16	1714.96	0.90	1718.45	4.2	1721.83	5.9	1712.00	3.1	1708.64	1.0	< 1714.00	1.9	1716.79	2.0	1714.36	1.3	1721.32	1.8	1720.85
04/19/23	0.16	1715.02	0.90	1718.34	4.3	1721.80	5.9	1712.00	3.1	1708.65	1.0	< 1714.00	2.1	1716.21	2.0	1714.36	1.2	1721.30	1.8	1720.79
04/20/23	0.15	1715.41	0.90	1718.22	4.3	1721.77	5.9	1712.00	3.1	1708.62	1.00	< 1713.48	2.1	1716.26	2.0	1714.37	1.2	1721.29	1.8	1720.75
04/21/23	0.18	1714.03	0.88	1718.19	4.1	1721.78	5.9	1712.00	3.1	1708.63	1.0	< 1713.48	2.0	1716.33	2.0	1714.37	1.1	1721.29	1.8	1720.75
04/22/23	0.19	1713.79	0.88	1718.22	4.1	1721.78	5.9	1712.00	3.1	1708.61	1.00	< 1713.48	1.9	1716.52	2.0	1714.38	1.2	1721.30	1.8	1720.75
04/23/23	0.18	1714.36	0.86	1718.22	4.2	1721.79	5.9	1712.00	3.1	1708.62	1.00	< 1713.48	1.9	1716.65	2.0	1714.37	1.2	1721.29	1.8	1720.75
04/24/23	0.16	1714.93	0.82	1718.22	4.1	1721.78	5.9	1712.00	3.1	1708.63	1.00	< 1713.48	1.9	1716.68	2.0	1714.37	1.1	1721.30	1.8	1720.75
04/25/23 <sup>2</sup>	0.19	1713.61	0.76	1719.11	4.1	1721.84	5.7	1712.52	3.0	1709.00	0.88	1714.79	1.6	1717.29	1.9	1714.57	1.0	1721.34	1.7	1720.81
04/26/23	0.23	1711.26	0.72	1719.63	4.1	1721.82	5.9	1711.99	3.1	1708.61	0.87	1714.84	1.6	1717.62	2.0	1714.44	1.0	1721.37	1.8	1720.84
04/27/23	0.23	1711.26	0.70	1719.66	3.9	1721.83	5.9	1712.00	3.1	1708.64	0.86	1714.91	1.5	1717.75	2.0	1714.43	0.98	1721.39	1.8	1720.88
04/28/23	0.23	1711.28	0.69	1719.62	3.4	1721.82	5.9	1712.00	3.1	1708.66	0.86	1714.92	1.5	1717.88	2.0	1714.42	0.93	1721.39	1.8	1720.88
04/29/23	0.23	1711.28	0.65	1719.51	3.4	1721.82	5.9	1712.00	3.1	1708.68	0.86	1714.93	1.4	1717.99	2.0	1714.42	0.87	1721.38	1.8	1720.87
04/30/23	0.23	1711.28	0.63	1719.55	3.4	1721.84	5.9	1712.00	3.1	1708.66	0.86	1714.97	1.4	1718.05	1.9	1714.41	0.90	1721.40	1.8	1720.90
Monthly Average	0.21	1712.61	0.86	1718.03	3.8	1721.88	5.8	1711.91	3.0	1708.81	1.0	< 1713.84	1.8	1717.20	1.9	1715.64	0.76	1721.48	1.8	1720.89
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	750	4/13/2023	570	4/13/2023	370	4/6/2023	140	4/6/2023	180	4/6/2023	240	4/3/2023	490	4/4/2023	420	4/4/2023	490	4/13/2023	490	4/13/2023
Hexavalent Chromium	16	4/13/2023	11	4/13/2023	6.9	4/6/2023	3.7	4/6/2023	2.5	4/6/2023	1.4	4/3/2023	5.02	4/4/2023	7.8	4/4/2023	9.1	4/13/2023	10	4/13/2023
Total Chromium	16	4/13/2023	11	4/13/2023	6.2	4/6/2023	3.3	4/6/2023	2.4	4/6/2023	1.3	4/3/2023	5.3	4/4/2023	7.2	4/4/2023	9.6	4/13/2023	10	4/13/2023

- Notes:
- Flow reported as gpm is a daily average calculated from the totalizer reading.
  - 1: Analytical results are reported from Eurofins TestAmerica.
  - 2: On 04/03 and 04/25, IWF offline due to maintenance.
  - 3: From 04/04 to 04/06 and, 04/10 to 04/13, all wells except I-AR, I-AA, I-B, I-L, I-R, I-S, and I-Y offline due to maintenance.
  - 6: On 04/12, I-AD, I-D, I-I, and I-K offline due to maintenance.
  - 7: On 04/13, I-AD, I-I, and I-J offline due to maintenance.
  - 8: On 04/14, I-AD and I-K offline due to maintenance.
  - 9: On 04/09, I-AD, I-D, I-E, I-M, I-N, I-P, I-S, and I-X adjusted to meet flow targets as directed by the Trust.
  - 10: On 04/13, I-D, I-G, I-H, I-J, I-K, I-Q, and I-V adjusted to meet flow targets as directed by the Trust.
  - 12: On 04/04, I-F, I-I, and I-X offline due to maintenance.
  - 14: On 04/06, I-G, I-I, and I-O offline due to maintenance.
  - 15: On 04/04, I-I offline due to maintenance.
  - 16: On 04/06, I-J and I-L water level taken manually due to water level dropping below transducer level.
  - 17: On 04/16, I-I, I-O, I-S, and I-Y adjusted to meet flow targets as directed by the Trust.
  - 18: On 04/20, I-L, I-Y, and I-Z 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-Q		I-R		I-S		I-T		I-U		I-V		I-W		I-X		I-Y		I-Z	
	Flow <sup>6,10</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>9,17</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>9,12</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>11,17,18</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>11,18</sup> (gpm)	Water Elevation (ft amsl)
04/01/23	0.21	1715.75	1.1	1713.75	1.6	< 1706.55	0.75	1707.64	0.63	1711.51	1.5	1721.57	0.87	1714.68	3.0	< 1698.29	1.2	< 1699.95	8.8	1710.36
04/02/23	0.20	1715.87	1.2	1712.78	1.6	< 1706.54	0.75	1707.64	0.73	1709.78	1.5	1721.58	0.86	1715.38	3.0	< 1698.30	1.2	< 1699.95	8.7	1710.36
04/03/23 <sup>2</sup>	0.28	1715.42	1.2	1712.94	1.6	< 1706.63	0.73	1708.06	0.76	1708.95	1.3	1721.78	0.68	1718.84	2.5	1707.64	1.1	1708.99	8.2	1712.08
04/04/23 <sup>3</sup>	0.36	1714.65	1.2	1713.39	1.7	< 1706.54	0.74	1707.69	0.80	1708.19	1.2	1721.84	0.62	1719.89	2.6	1711.05	1.2	1708.76	8.6	1712.02
04/05/23 <sup>3</sup>	0.33	1714.63	1.2	1713.20	1.7	< 1706.54	0.74	1707.64	0.80	1708.08	1.3	1721.80	0.64	1719.91	1.6	1713.42	1.2	< 1705.00	8.8	1711.79
04/06/23 <sup>3</sup>	0.24	1715.34	1.2	1713.23	1.7	< 1706.54	0.74	1707.67	0.79	1708.69	1.3	1721.78	0.61	1720.01	1.2	1715.97	1.2	< 1705.00	8.6	1711.96
04/07/23	0.22	1715.69	1.1	1713.79	1.7	< 1706.54	0.70	1708.56	0.72	1709.70	1.3	1721.86	0.72	1718.89	1.0	1716.40	1.2	1706.69	8.4	1712.84
04/08/23	0.26	1715.39	1.1	1714.12	1.7	< 1706.55	0.74	1707.64	0.80	1707.75	1.2	1721.88	0.89	1717.45	1.0	1716.54	1.2	1708.19	8.6	1712.13
04/09/23	0.26	1715.43	1.1	1714.01	1.7	< 1706.55	0.74	1707.64	0.80	1707.75	1.1	1721.88	0.88	1717.72	1.7	1712.11	1.2	1708.13	8.0	1711.79
04/10/23 <sup>3</sup>	0.23	1715.62	1.1	1714.12	1.7	< 1706.55	0.74	1707.68	0.79	1708.02	0.96	1722.02	0.71	1719.15	3.1	< 1699.15	1.2	1707.90	7.4	1712.57
04/11/23 <sup>3</sup>	0.20	1715.89	1.0	1714.05	1.7	< 1706.55	0.74	1707.71	0.79	1707.98	1.1	1721.96	0.75	1719.48	2.9	< 1699.07	1.2	1708.08	6.8	1712.42
04/12/23 <sup>3</sup>	0.23	1715.78	0.98	1714.01	1.3	1710.39	0.75	1707.67	0.79	1707.89	0.96	1722.07	0.69	1719.87	2.9	< 1698.99	1.2	1708.07	8.6	1710.15
04/13/23 <sup>3</sup>	0.32	1714.76	1.0	1714.28	0.79	1717.36	0.75	1707.65	0.78	1707.75	0.93	1722.07	0.68	1719.91	2.9	< 1698.63	1.2	1708.85	8.9	1710.04
04/14/23	0.29	1714.93	1.1	1714.36	0.76	1717.90	0.75	1707.64	0.78	1707.76	1.0	1721.98	0.68	1719.84	2.8	< 1698.61	1.2	1709.30	8.9	1710.04
04/15/20	0.28	1715.00	1.2	1714.45	0.71	1718.32	0.74	1707.64	0.79	1707.76	1.1	1721.88	0.69	1719.76	2.8	< 1698.60	1.2	1711.01	8.8	1710.04
04/16/23	0.31	1714.80	1.1	1714.70	0.70	1718.51	0.74	1707.64	0.79	1707.75	1.2	1721.86	0.69	1719.74	2.8	< 1698.58	1.2	1712.27	8.6	1710.04
04/17/23	0.33	1714.53	1.1	1713.92	1.3	1713.31	0.75	1707.64	0.79	1707.76	1.1	1721.88	0.69	1719.68	2.8	< 1698.54	1.2	1710.92	8.3	1710.04
04/18/23	0.32	1714.53	1.1	1711.58	1.7	< 1706.60	0.75	1707.64	0.80	1707.78	1.00	1721.88	0.67	1719.65	2.8	< 1698.53	1.3	< 1705.00	8.4	1710.04
04/19/23	0.31	1714.55	1.3	1711.66	1.7	< 1706.59	0.74	1707.64	0.78	1707.78	0.93	1721.88	0.67	1719.60	2.8	< 1698.52	1.3	< 1705.00	8.7	1710.04
04/20/23	0.31	1714.55	1.3	1711.61	1.7	< 1706.59	0.74	1707.64	0.77	1707.78	0.92	1721.86	0.67	1719.56	2.8	< 1698.51	1.3	< 1699.97	8.7	1710.08
04/21/23	0.33	1714.52	1.3	1711.73	1.7	1712.36	0.74	1707.64	0.78	1707.78	0.90	1721.87	0.68	1719.52	2.8	< 1698.52	1.3	< 1699.97	8.4	1710.08
04/22/23	0.32	1714.53	1.3	1711.81	1.7	1735.00	0.74	1707.65	0.80	1708.03	0.93	1721.86	0.70	1719.39	2.8	< 1698.52	1.2	< 1699.97	8.2	1710.08
04/23/23	0.32	1714.53	1.2	1711.88	1.7	1735.00	0.74	1707.64	0.78	1708.80	0.93	1721.86	0.70	1719.40	2.8	< 1698.52	1.3	< 1699.97	8.3	1710.08
04/24/23	0.32	1714.53	1.2	1711.83	1.7	1735.00	0.74	1707.65	0.78	1708.69	0.94	1721.86	0.70	1719.40	2.8	< 1698.53	1.2	< 1699.97	7.8	1710.08
04/25/23 <sup>2</sup>	0.29	1714.79	1.1	1713.44	1.6	1735.00	0.73	1707.81	0.78	1708.67	0.69	1721.98	0.66	1719.66	2.7	< 1699.45	1.2	< 1699.97	8.1	1710.08
04/26/23	0.29	1714.83	1.2	1713.50	1.7	1735.00	0.74	1707.65	0.82	1707.99	0.55	1722.05	0.66	1719.70	2.8	< 1698.49	1.3	< 1699.97	8.6	1710.08
04/27/23	0.28	1715.00	1.1	1713.50	1.7	1735.00	0.74	1707.65	0.80	1708.44	0.55	1722.07	0.66	1719.71	2.8	< 1698.50	1.3	< 1699.65	8.0	1710.12
04/28/23	0.27	1715.10	1.1	1713.44	1.7	1735.00	0.74	1707.65	0.77	1709.05	0.69	1722.01	0.67	1719.70	2.8	< 1698.50	1.3	< 1699.65	8.1	1710.12
04/29/23	0.26	1715.17	1.0	1713.37	1.7	1735.00	0.74	1707.65	0.76	1709.17	0.77	1721.97	0.67	1719.66	2.8	< 1698.50	1.3	< 1699.65	8.1	1710.12
04/30/23	0.26	1715.24	1.1	1713.41	1.7	1735.00	0.74	1707.65	0.76	1709.36	0.76	1721.99	0.67	1719.69	2.8	< 1698.50	1.3	< 1699.65	7.9	1710.12
Monthly Average	0.28	1715.04	1.1	1713.26	1.5	1717.17	0.74	1707.70	0.78	1708.41	1.0	1721.89	0.71	1719.16	2.6	1702.05	1.2	< 1704.51	8.3	1710.73
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	520	4/13/2023	550	4/3/2023	310	4/3/2023	700	4/13/2023	690	4/13/2023	530	4/6/2023	530	4/13/2023	500	4/4/2023	330	4/3/2023	140	4/6/2023
Hexavalent Chromium	14	4/13/2023	0.66	4/3/2023	1.7	4/3/2023	15	4/13/2023	14	4/13/2023	6.9	4/6/2023	9.6	4/13/2023	10	4/4/2023	1.3	4/3/2023	5.1	4/6/2023
Total Chromium	13	4/13/2023	0.79	4/3/2023	1.6	4/3/2023	16	4/13/2023	14	4/13/2023	6.2	4/6/2023	9.5	4/13/2023	9.0	4/4/2023	1.2	4/3/2023	4.8	4/6/2023

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 1: Analytical results are reported from Eurofins TestAmerica.  
 2: On 04/03 and 04/25, IWF offline due to maintenance.  
 3: From 04/04 to 04/06 and 04/10 to 04/13, all wells except I-AR, I-AA, I-B, I-L, I-R, I-S, and I-Y offline due to maintenance.  
 9: On 04/09, I-AD, I-D, I-E, I-M, I-N, I-P, I-S, and I-X adjusted to meet flow targets as directed by the Trust.  
 10: On 04/13, I-D, I-G, I-H, I-J, I-K, I-Q, and I-V adjusted to meet flow targets as directed by the Trust.  
 11: On 04/27, I-D, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.  
 12: On 04/04, I-F, I-I, and I-X offline due to maintenance.  
 17: On 04/16, I-I, I-O, I-S, and I-Y adjusted to meet flow targets as directed by the Trust.  
 18: On 04/20, I-L, I-Y, and I-Z 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	LS #2	GWTP Effluent <sup>1</sup>				GW-11 Influent <sup>1</sup>				Unit 4 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)	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)
04/01/23	858	59				0.1				2.8					917	50	53				
04/02/23	880	60				0.0				2.4					967		52				
04/03/23	858	55				0.1				2.1					912		49				
04/04/23	873	60				0.2				2.2					933		51				
04/05/23	872	60	1.1	ND	350	6.2	0.061	0.058	25	2.4	45	800	15000	23	926		53		9.0	0.15	0.047
04/06/23	932	60				0.1				2.3					992		49				
04/07/23	922	60				0.1				2.4					982		43				
04/08/23	927	60				0.0				2.0					995	50	48				
04/09/23	881	60				0.0				1.5					941		46				
04/10/23	894	60				0.0				1.3					1001		49				
04/11/23	833	60				0.0				2.8					899		51				
04/12/23	799	60	2.3 B	ND	400	0.0				2.8	34	770	12000	33	860		53		9.0	0.22 B	0.056
04/13/23	866	57				0.0				2.7					923		51				
04/14/23	787	62				0.0				2.9					850		51				
04/15/23	770	60				0.0				2.8					833	49	51	130			
04/16/23	902	60				0.0				2.6					963		49				
04/17/23	846	60				0.0				2.4					912		51				
04/18/23	736	60				0.0				2.5					796		56				
04/19/23	872	60	1.1	ND	380	0.0				2.3	33	740	14000	21	932		52		8.4	0.14	0.052
04/20/23	741	60				0.0				2.1					801		50				
04/21/23	862	60				0.0				2.0					922		47				
04/22/23	873	60				0.0				2.1					933	50	47				
04/23/23	862	60				0.0				2.6					923		48				
04/24/23	873	60				0.0				2.5					933		49				
04/25/23	839	53				0.0				2.7					892		44				
04/26/23	895	60	0.70	0.00043 B J	380	0.0				2.8	30	710	9600 J	18	955		43		9.2	0.15	0.049
04/27/23	801	54				0.0				2.8					855		46				
04/28/23	843	60				0.0				2.8					903		48				
04/29/23	872	60				0.0				2.8					933	55	48				
04/30/23	875	60				0.0				2.7					935		47				
Monthly Average <sup>2</sup>	855	59	1.3	0.00011	377	0.2	0.061	0.058	25	2.4	35	753	12493	23	917	51	49	130	8.9	0.16	0.051

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.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics														
Date	1st Stage FBR <sup>2</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>2</sub> (mg/L)	ETI - ClO <sub>2</sub> (mg/L)	TA - ClO <sub>2</sub> (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	ETI - Turbidity (NTU)
04/01/23	896	6.8	-432	401	6.7	-449	885	ND D	ND					21
04/02/23	965	6.8	-427	921	6.7	-429	882		ND					28
04/03/23	1008	6.8	-415	932	6.8	-427	844		ND					28
04/04/23	1032	6.8	-366	657	6.7	-424	912		ND					33
04/05/23	945	6.8	-421	602	6.7	-434	912		ND		0.018	ND	ND	24
04/06/23	950	6.8	-417	947	6.7	-446	917		ND					20
04/07/23	1003	6.7	-324	510	6.7	-440	913		ND					27
04/08/23	995	6.7	-354	917	6.7	-445	899	NDD	ND					6.0
04/09/23	1011	6.7	-382	870	6.7	-442	902		ND					15
04/10/23	984	6.8	-416	622	6.7	-446	871		ND					11
04/11/23	921	6.7	-319	641	6.7	-437	890		ND					9.0
04/12/23	982	6.8	-353	950	6.7	-449	901		ND		0.012 B	ND	ND	9.0
04/13/23	860	6.8	-420	940	6.8	-449	875		ND					7.0
04/14/23	1011	6.8	-340	624	6.8	-445	883		ND					5.0
04/15/23	996	6.8	-342	952	6.8	-446	940	NDD	ND	0.010 J				4.0
04/16/23	796	6.8	-395	959	6.8	-444	885		ND					20
04/17/23	864	6.8	-394	515	6.7	-438	830		ND					15
04/18/23	896	6.9	-411	899	6.8	-445	859		ND					20
04/19/23	922	6.6	-222	918	6.6	-364	823		ND		0.017	ND	ND	21
04/20/23	942	6.6	-222	583	6.6	-408	870		ND					16
04/21/23	941	6.5	-253	923	6.5	-434	870		ND					18
04/22/23	892	6.6	-306	464	6.6	-435	874	NDD	ND					9.0
04/23/23	927	6.6	-300	880	6.6	-415	864		ND					9.0
04/24/23	885	6.7	-317	579	6.7	-399	871		ND					9.0
04/25/23	948	6.7	-336	494	6.7	-423	865		ND					9.0
04/26/23	840	6.7	-296	728	6.7	-440	878		ND		0.0071 J	ND	ND	7.0
04/27/23	908	6.7	-288	716	6.7	-441	780		ND					7.0
04/28/23	916	6.7	-189	663	6.7	-443	805		ND					7.0
04/29/23	821	6.7	-370	672	6.7	-444	865	NDD	ND					6.0
04/30/23	910	6.8	-321	741	6.8	-404	873		ND					9.0
Monthly Average <sup>2</sup>	932	6.7	-345	741	6.7	-433	875	ND	ND	0.01	0.014	ND	ND	14

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.  
 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.  
 D = Result was obtained from the analysis of a dilution.  
 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)
04/15/23	24.5	43.9
04/30/23	23.5	45.2

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>2</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
04/15/23	0.0	0.0	0.3	0.0
04/30/23	0.0	0.0	0.0	0.0

GW-11 Composite Sample <sup>3</sup>		
Analytes	Concentration	Units
Perchlorate	3.8	mg/L
Chlorate	2.9	mg/L
Ammonia as N	2.7	mg/L
Total Phosphorus	0.67	mg/L
Total Dissolved Solids (TDS)	13,000 D	mg/L
Total Suspended Solids (TSS)	57	mg/L
pH	7.6 HF	s.u.
Calcium	720	mg/L
Iron	0.33	mg/L
Chromium (total)	0.0040	mg/L
Chromium VI	ND	mg/L
Chloride	5,200	mg/L
Nitrate as N	0.14 J D	mg/L
Sulfate	4,400	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.

ND = Not detected above laboratory method detection limit (NH<sub>3</sub>-N= 0.1 mg/L; NO<sub>3</sub>-N= 0.055 mg/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.

ND = Not detected above laboratory method detection limit (NH<sub>3</sub>-N= 0.1 mg/L; Total P = 0.025 ug/L; 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: February 27, 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)		
May 2022	944	56	14	110	471	495
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	9.4	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

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 (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)
04/01/23	3.2	1712.27	0.90	1709.63	0.95	1710.58	0.85	1714.85	1.0	1716.84	1.1	1717.34	1.0	1715.47	0.44	1712.14
04/02/23	3.3	1711.22	0.90	1709.76	0.99	1710.62	0.87	1714.72	1.0	1716.32	1.1	1715.95	1.0	1717.11	0.44	1710.12
04/03/23 <sup>2</sup>	2.9	1712.12	0.80	1714.41	0.86	1710.50	0.72	1719.09	0.86	1720.00	0.98	1716.53	0.93	1716.96	0.40	1714.80
04/04/23	3.1	1711.96	0.91	1714.29	0.98	1710.06	0.66	1710.47	1.3	1709.31	0.92	1717.10	1.0	1717.02	0.44	1714.27
04/05/23	3.1	1711.93	0.90	1713.94	0.51	1710.17	0.64	1710.65	1.5	1709.37	0.88	1717.39	0.98	1716.98	0.38	1714.00
04/06/23	3.2	1712.23	0.88	1714.07	0.88	1709.87	0.64	1710.00	1.4	1709.42	0.90	1718.43	1.0	1717.34	0.41	1713.26
04/07/23	3.2	1712.48	0.93	1714.22	0.95	1710.60	0.57	1709.71	1.4	1709.61	1.0	1717.87	1.0	1717.93	0.41	1713.96
04/08/23	3.2	1712.08	0.89	1711.10	0.95	1712.45	0.59	1712.34	1.4	1709.73	1.0	1716.85	1.0	1715.91	0.41	1710.27
04/09/23	3.2	1711.55	0.89	1709.84	0.92	1711.64	0.59	1712.99	1.5	1709.55	1.0	1715.86	1.0	1715.92	0.40	1710.03
04/10/23	3.2	1711.67	0.87	1710.89	0.97	1711.75	0.64	1712.57	0.68	1716.37	1.1	1715.69	1.0	1715.41	0.46	1710.30
04/11/23	3.2	1711.73	0.96	1711.11	0.99	1711.86	0.67	1712.76	0.65	1716.25	1.1	1715.52	1.0	1715.58	0.43	1710.47
04/12/23	3.3	1711.78	0.88	1711.05	1.0	1712.52	0.62	1712.83	0.65	1716.57	1.0	1715.57	1.0	1715.63	0.44	1710.42
04/13/23	3.3	1711.72	0.96	1710.81	0.98	1711.85	0.66	1713.23	0.69	1717.06	0.96	1716.70	1.0	1716.55	0.45	1710.21
04/14/23	3.2	1711.62	0.94	1710.61	1.0	1711.17	0.65	1713.92	0.57	1718.44	1.2	1717.09	1.0	1717.83	0.45	1709.97
04/15/23	3.3	1711.47	0.91	1709.78	1.0	1711.11	0.65	1713.70	0.63	1719.21	1.1	1716.87	1.0	1717.73	0.43	1710.02
04/16/23	3.3	1711.76	0.93	1709.84	1.0	1710.56	0.66	1712.46	0.82	1718.00	1.1	1716.45	1.0	1717.50	0.47	1710.15
04/17/23	3.1	1711.73	0.95	1709.96	1.0	1710.58	0.65	1712.35	0.85	1717.57	1.1	1716.57	1.0	1717.51	0.45	1710.25
04/18/23	3.3	1711.70	0.95	1710.17	1.0	1710.61	0.68	1712.27	0.89	1717.02	1.1	1716.72	1.0	1717.54	0.49	1710.13
04/19/23	3.2	1711.42	0.92	1709.95	1.0	1710.39	0.66	1712.30	0.85	1716.90	1.1	1716.96	1.0	1717.66	0.46	1709.83
04/20/23	3.1	1711.28	0.96	1710.50	1.0	1711.26	0.67	1712.99	0.87	1717.10	1.1	1716.64	1.0	1717.39	0.47	1710.30
04/21/23	3.3	1711.67	0.86	1710.95	0.96	1712.64	0.67	1717.15	0.82	1717.25	0.95	1715.32	1.0	1714.92	0.45	1710.41
04/22/23	3.2	1712.20	0.93	1710.74	0.98	1713.00	0.64	1716.29	0.82	1717.23	1.1	1715.21	1.0	1714.30	0.45	1710.47
04/23/23	3.4	1711.99	0.98	1711.01	1.0	1711.83	0.68	1716.57	0.85	1717.22	1.1	1715.34	1.0	1714.27	0.47	1711.03
04/24/23	3.2	1711.87	0.94	1710.89	1.0	1711.73	0.63	1716.52	0.84	1717.00	1.1	1715.46	1.0	1714.41	0.47	1711.03
04/25/23 <sup>2</sup>	3.0	1710.64	0.84	1710.23	0.85	1717.01	0.65	1717.20	0.69	1721.72	1.0	1719.27	0.95	1717.87	0.44	1710.91
04/26/23	3.3	1710.92	0.92	1709.77	0.81	1715.77	0.56	1714.97	0.75	1719.22	0.98	1717.34	1.0	1717.72	0.45	1710.47
04/27/23	3.3	1711.18	0.90	1709.41	0.83	1715.66	0.56	1714.73	0.75	1719.24	0.95	1717.51	1.1	1717.43	0.50	1709.85
04/28/23	3.3	1712.47	0.72	1709.93	0.88	1711.35	0.58	1715.27	0.91	1717.01	1.0	1715.04	1.0	1715.84	0.46	1710.49
04/29/23	3.3	1712.76	0.72	1709.97	0.89	1711.57	0.60	1715.11	0.9	1717.04	1.1	1715.10	1.0	1715.80	0.43	1710.25
04/30/23	3.4	1712.32	0.80	1709.59	0.94	1711.18	0.56	1715.15	0.91	1717.48	1.1	1715.48	1.0	1716.06	0.43	1710.95
Monthly Average	3.2	1711.79	0.89	1710.95	0.94	1711.73	0.65	1713.84	0.92	1716.04	1.0	1716.51	1.0	1716.52	0.44	1711.02
Analytical <sup>1</sup>	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc <sup>3</sup> (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	470	4/6/2023	910	4/6/2023	310	4/6/2023	91	4/6/2023	460	4/6/2023	790	4/6/2023	800	4/6/2023	1,400	4/6/2023
Hexavalent Chromium	0.095	4/12/2023	0.58	4/12/2023	0.71	4/12/2023	0.028	4/12/2023	0.026	4/12/2023	0.10	4/12/2023	0.087	4/12/2023	0.23	4/12/2023
Total Chromium	0.095	4/6/2023	0.63	4/6/2023	0.72	4/6/2023	0.029	4/6/2023	0.027	4/6/2023	0.097	4/6/2023	0.087	4/6/2023	0.24	4/6/2023

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: On 04/03 and 04/25, AP Area wells offline due to maintenance.  
 3: Duplicates taken on 4/6 for well E2-1; average of both values is presented and used for calculations.

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

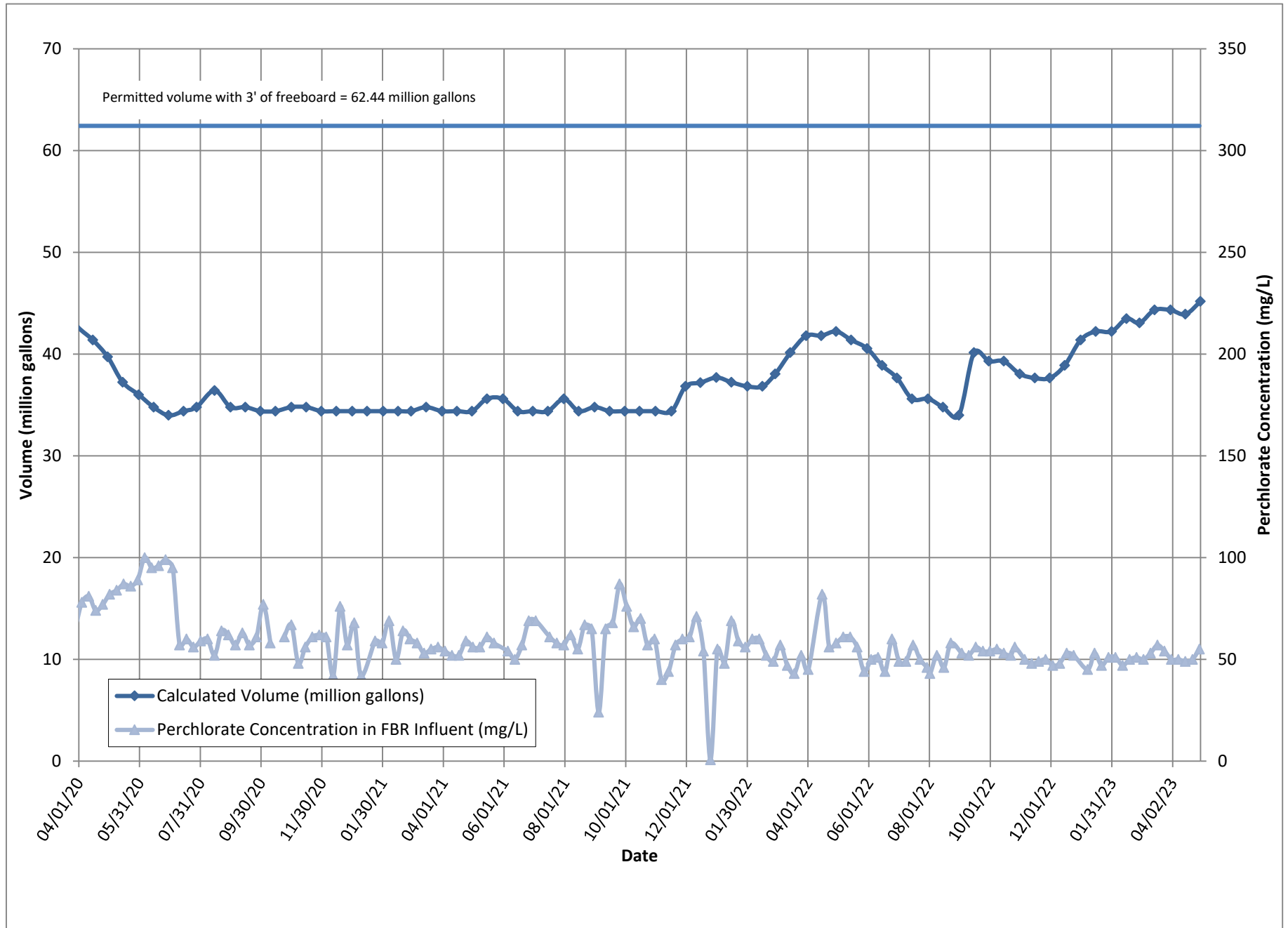


Figure 2 - FBR Equivalent Loading Calculation

