

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																		
Date	LS #3 Flow (gpm)	ART-1/1A		ART-2/2A		ART-3/3A		ART-4/4A		ART-9		ART-7A/7B		ART-8/8A		PC-150		
		Flow ² (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ³ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁴ (gpm)	Water Elevation (ft amsl)	
04/01/24	393	34	1575.59	131	1589.29	26	1586.84	3.7	1583.322	63	1605.00	26	1585.04	142	1585.96	3.0	1579.84	
04/02/24	375	34	1575.59	131	1589.26	26	1586.806	3.7	1583.292	64	1593.04	20	1585.89	142	1585.93	3.0	1579.74	
04/03/24	378	34	1575.66	130	1589.28	26	1586.837	3.7	1583.33	65	1583.91	17	1586.36	141	1585.95	3.0	1579.85	
04/04/24	369	34	1575.60	131	1589.27	26	1586.817	3.7	1583.31	65	1583.92	17	1585.96	142	1585.94	3.0	1579.79	
04/05/24	362	34	1575.65	128	1589.34	23	1578.981	3.7	1583.347	65	1583.89	17	1585.21	142	1585.05	3.0	1579.81	
04/06/24	384	34	1575.59	130	1589.23	26	1586.809	3.7	1583.285	65	1583.86	17	1585.00	142	1585.91	3.0	1579.82	
04/07/24	377	34	1575.59	131	1589.21	26	1586.764	3.7	1583.26	65	1583.87	17	1585.00	142	1585.89	3.0	1579.82	
04/08/24	374	34	1575.59	131	1589.18	26	1586.733	3.7	1583.227	65	1583.86	17	1585.10	142	1585.87	3.0	1579.80	
04/09/24	369	33	1575.59	130	1589.16	26	1586.708	3.7	1583.199	65	1583.84	17	1585.34	141	1585.84	3.0	1579.79	
04/10/24	367	33	1575.59	130	1589.14	26	1586.695	3.7	1583.185	65	1583.83	17	1585.35	141	1585.83	3.0	1579.76	
04/11/24	386	33	1575.59	131	1589.13	26	1586.687	3.7	1583.18	65	1583.83	18	1585.18	141	1585.83	3.0	1579.77	
04/12/24	374	33	1575.63	130	1589.11	26	1586.665	3.7	1583.157	65	1583.81	17	1585.05	141	1585.81	3.0	1579.81	
04/13/24	376	33	1575.59	129	1589.09	26	1586.638	3.7	1583.13	65	1583.79	18	1585.21	141	1585.79	3.0	1579.78	
04/14/24	359	33	1575.59	131	1589.06	26	1586.614	3.7	1583.105	65	1583.78	18	1585.33	141	1585.76	3.0	1579.66	
04/15/24	376	33	1575.59	130	1589.04	26	1586.594	3.7	1583.087	65	1583.76	17	1585.28	141	1585.75	3.0	1579.80	
04/16/24	371	33	1575.59	130	1589.02	26	1586.579	3.7	1583.074	65	1583.74	17	1585.23	141	1585.73	3.0	1579.77	
04/17/24	371	33	1575.59	129	1589.01	26	1586.565	3.7	1583.061	65	1583.72	18	1585.10	141	1585.72	3.0	1579.82	
04/18/24	373	33	1575.60	129	1588.17	26	1586.546	3.7	1583.092	65	1583.70	18	1585.02	141	1585.71	3.0	1579.77	
04/19/24	380	32	1575.59	129	1587.67	26	1586.53	3.7	1583.115	65	1583.68	18	1584.97	141	1585.69	3.0	1579.78	
04/20/24	370	32	1575.60	129	1587.64	26	1586.502	3.7	1583.085	65	1583.66	18	1585.08	141	1585.67	3.0	1579.82	
04/21/24	371	32	1575.60	129	1587.63	26	1586.491	3.7	1583.075	65	1583.64	18	1585.11	141	1585.66	3.0	1579.79	
04/22/24	364	32	1575.61	129	1587.61	26	1586.478	3.7	1583.062	65	1583.62	18	1584.97	141	1585.65	3.0	1579.80	
04/23/24	366	32	1575.60	129	1587.59	26	1586.453	3.7	1583.037	65	1583.59	18	1584.98	141	1585.63	3.0	1579.76	
04/24/24	378	32	1575.63	129	1587.59	25	1585.281	3.7	1582.956	65	1583.57	18	1584.99	141	1585.64	3.0	1579.74	
04/25/24	378	39	1584.58	127	1587.56	26	1586.016	3.7	1583.058	65	1583.51	21	1585.51	141	1585.61	3.0	1579.74	
04/26/24	394	42	1587.62	131	1587.47	26	1586.36	3.7	1583.014	65	1583.33	24	1584.42	141	1585.54	3.0	1579.74	
04/27/24	396	42	1587.57	131	1587.42	26	1586.308	3.7	1582.968	65	1583.07	29	1583.62	141	1585.50	3.0	1579.72	
04/28/24	401	42	1587.54	130	1587.39	26	1586.276	3.7	1582.939	64	1582.94	29	1583.48	141	1585.47	3.0	1579.78	
04/29/24	388	42	1587.52	129	1587.37	26	1586.256	3.7	1582.919	65	1582.83	29	1583.24	141	1585.45	3.0	1579.66	
04/30/24	394	41	1587.52	128	1587.38	25	1586.279	3.7	1582.948	64	1582.78	29	1583.06	139	1585.47	3.0	1579.77	
Monthly Average	377	35	1577.89	130	1588.48	26	1586.27	3.7	1583.13	65	1584.65	20	1584.97	141	1585.74	3.0	1579.78	
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	23	4/15/2024	6.4	4/15/2024	130	4/15/2024	100	4/15/2024	130	4/15/2024	58	4/15/2024	42	4/15/2024	55	4/15/2024		
Hexavalent Chromium	ND	4/15/2024	0.0025	4/15/2024	0.21	4/15/2024	0.14	4/15/2024	0.86	4/15/2024	0.36	4/15/2024	0.042	4/15/2024	0.064	4/15/2024		
Total Chromium	0.0010 J	4/15/2024	0.0047 J	4/15/2024	0.21	4/15/2024	0.15	4/15/2024	0.9	4/15/2024	0.38	4/15/2024	0.048	4/15/2024	0.070	4/15/2024		

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 ART-1, 2, 3, 4, 7B, and 8 have adjacent recovery wells, both of which can be used for extraction. The pumping well can be chosen manually or automatically, based on operational considerations.
 The wells with transducers are ART-1, -2, -3, -4, -7A, -8, -9, and PC-150
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 04/25, ART-1A offline for maintenance.
 3: On 04/25, ART-7A offline for maintenance.
 4: On 04/16, Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow determined from flow tests was 3.0 from 04/01 to 04/30. Flow used for calculation purposes and was steady throughout the month but the totalizer showed zero.
 5: Duplicates taken on 04/15 of well PC-150; average of both values is presented and used for calculations.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	LS #2	Chromium Treatment Subsystem Effluent ¹				GW-11 Influent ¹				FBR Plant Influent ¹						
	Flow (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO ₄ (mg/L)	Flow (gpm)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - ClO ₄ (mg/L)	Flow (gpm)	TA - ClO ₄ (mg/L)	ETI - ClO ₄ (mg/L)	TA - ClO ₃ (mg/L)	TA - NO ₃ - N (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)
04/01/24	780	51				0.1				1025		53				
04/02/24	792	60				0.046				1050		54				
04/03/24	803	59	0.05	0.00034 J	510	0.038				1060		53	100	7.6	0.28	0.072
04/04/24	784	58				0.018				1042		54				
04/05/24	741	54				0.125				1000		55				
04/06/24	755	60				0.090				971	49	55				
04/07/24	735	54				0.068				980		54				
04/08/24	774	57				0.055				997		56				
04/09/24	716	52				0.044				934		53				
04/10/24	651	58	7.2	0.00032 J	370	0.032				1114		46		4.5	0.53	0.103
04/11/24	731	32				0.019				1115		54				
04/12/24	731	51				0.010				1043		56				
04/13/24	758	47				0.0				983	50	55				
04/14/24	743	60				0.05				944		57				
04/15/24	730	55				0.04				898		54				
04/16/24	735	50				0.01				1000		54				
04/17/24	773	60	0.059	0.00039 J	380	4.487	0.093	0.083	32	970		55		8.9	0.20	0.052
04/18/24	768	65				0.000				999		54				
04/19/24	746	54				0.001				1025		54				
04/20/24	773	60				0.000				1006	55	56				
04/21/24	753	60				0.000				980		55				
04/22/24	786	60				0.000				1012		55				
04/23/24	788	60				0.000				1016		55				
04/24/24	777	60	0.19	0.00046 J	330	0.000				1004		55		8.9	0.26	0.075
04/25/24	786	62				0.000				1019		54				
04/26/24	857	70				0.038				1099	55	52				
04/27/24	885	48				0.024				1105		51				
04/28/24	900	60				0.005				1130		51				
04/29/24	891	51				0.004				1112		50				
04/30/24	881	46				0.00				1016		49				
Monthly Average ²	777	56	1.6	0.00039	387	0.18	0.093	0.083	32	1022	52	54	100	7.6	0.31	0.076

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading. The only exceptions are the instantaneous flow readings recorded for the 1st and 2nd Stage FBR flows.
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 1: ETI = Envirogen internal process control data, TA = Eurofins TestAmerica data, PA = Pace Analytical data.
 2: All average concentrations reported are monthly flow weighted averages.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics														
Date	1st Stage FBR ³			2nd Stage FBR ³			FBR Plant Effluent ⁴							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow ⁴ (gpm)	TA - ClO ₄ (mg/L)	ETI - ClO ₄ (mg/L)	TA - ClO ₃ (mg/L)	TA - Cr (TR) (mg/L)	PA - Cr (VI) (mg/L)	TA - NO ₃ - N (mg/L)	ETI - Turbidity (NTU)
04/01/24	1127	6.7	-307	1127	6.7	-443	872		ND					17
04/02/24	1134	6.7	-269	1134	6.7	-429	876		ND					12
04/03/24	1124	6.7	-231	1124	6.8	-432	850		ND	ND	0.12	ND	ND	19
04/04/24	1099	6.7	-115	1099	6.7	-432	871		ND					16
04/05/24	1092	6.6	-199	1092	6.7	-430	856		ND					12
04/06/24	1127	6.7	-213	1127	6.7	-427	887	ND	ND					16
04/07/24	1091	6.8	-240	1091	6.8	-438	880		ND					15
04/08/24	1120	6.7	-231	1120	6.7	-435	898		ND					12
04/09/24	1155	6.8	-235	1155	6.8	-435	865		ND					8.0
04/10/24	898	6.6	-106	898	6.7	-436	852		ND		0.088	0.0017	ND	26
04/11/24	1095	6.7	-260	1095	6.9	-440	776		ND					14
04/12/24	1073	6.7	-229	1073	6.9	-436	869		ND					20
04/13/24	1027	6.7	-119	1027	6.8	-437	877	ND	ND					5.0
04/14/24	1072	6.6	-202	1072	6.8	-438	896		ND					17
04/15/24	1165	6.7	-255	1165	6.8	-435	895		ND					14
04/16/24	1158	6.7	-271	1158	6.9	-435	874		ND					11
04/17/24	1151	6.7	-299	1151	6.9	-435	901		ND		0.037	0.00021 J	0.022 J	10
04/18/24	1078	6.6	-255	1078	6.5	-345	889		ND					8.0
04/19/24	1082	6.6	-265	1082	6.5	-352	835		ND					8.0
04/20/24	1060	6.5	-254	1060	6.5	-379	855	ND	ND					7.0
04/21/24	1073	6.5	-321	1073	6.5	-398	840		ND					18
04/22/24	1068	6.5	-351	1068	6.6	-400	852		ND					5.0
04/23/24	1070	6.6	-371	1070	6.6	-289	843		ND					7.0
04/24/24	1077	6.5	-259	1077	6.5	-398	829		ND		0.049	0.00049 J	ND	10
04/25/24	1145	6.6	-357	1145	6.6	-410	858		ND					8.0
04/26/24	1148	6.6	-356	1148	6.5	-413	897	ND	ND					8.0
04/27/24	1113	6.6	-376	1113	6.7	-419	896		ND					10
04/28/24	1120	6.6	-376	1120	6.4	-419	889		ND					8.0
04/29/24	1094	6.6	-351	1094	6.6	-422	885		ND					17
04/30/24	947	6.6	-390	947	6.7	-430	779		ND					5.0
Monthly Average ²	1093	6.6	-270	1093	6.7	-416	865	ND	ND	ND	0.017	0.045	ND	12

Notes:

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

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

ND = Not detected above laboratory method detection limit (ClO₄ = 0.5 µg/L; ClO₃ = 10 µg/L; NO₃-N = 0.055 mg/L; Cr(VI) = 0.25 µg/L).

1: ETI = Envirogen internal process control data, TA = Eurofins TestAmerica data, PA = Pace Analytical data.

2: All average concentrations reported are monthly flow weighted averages.

3: For 1st and 2nd stage FBRs, flow measurements are collected from the influent lines and pH and ORP samples are collected from the recycle lines.

4: FBR Plant Effluent represents effluent discharged to Las Vegas Wash. While this may represent the entirety of the FBR Plant effluent, any diversions to GW-11 are subtracted from the original effluent flow.

GW-11 Level Monitoring ¹		
Date	Field Measurement (ft)	Volume (MG)
04/15/24	21.3	48.2
04/30/24	21.3	48.2

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
04/11/24	61	632	2,634	6,223
04/24/24	23	622	1,394	35

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

Notes:

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

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

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

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

1: A transducer installed along the eastern berm provides water pressure measurements that are correlated to elevations for calculation of water depths.

2: Pumping occurs over three consecutive days. The total amount pumped over the three day period is listed with the last day pumping occurred.

3: GW-11 Corner Composite Sample is collected quarterly, most recent sampling results are presented. Sampled on: February 26, 2024

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics						
Date	Flow ¹ (gpm)	FBR Influent Concentration			Influent Function Load ² (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO ₄ (mg/L)	NO ₃ as N (mg/L)	ClO ₃ (mg/L)		
May 2023	911	57	4.8	110	364	405
June 2023	946	57	8.9	100	400	403
July 2023	946	53	6.6	150	466	420
Aug 2023	938	48	9.5	97	378	419
Sep 2023	980	51	9.7	80	370	402
Oct 2023	1,004	44	8.7	99	393	395
Nov 2023	939	50	9.4	65	321	388
Dec 2023	994	50	7.2	100	387	386
Jan 2024	1,002	45	6.7	77	328	363
Feb 2024	934	48	7.9	73	316	352
Mar 2024	940	39	6.5	46	234	330
Apr 2024	1,022	52	7.6	100	408	332

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 ³ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
04/01/24	2.2	1711.34	0.55	1710.62	0.83	1710.91	0.76	1717.18	0.89	1716.09	1.0	1718.18	1.3	1714.41	0.49	1710.29
04/02/24	2.2	1711.23	0.54	1710.81	0.85	1710.82	0.74	1717.48	0.89	1716.51	1.0	1719.04	1.3	1714.98	0.48	1710.97
04/03/24	2.1	1712.01	0.56	1710.44	0.82	1710.33	0.90	1713.42	0.93	1715.06	1.3	1714.96	1.3	1714.45	0.46	1710.70
04/04/24	2.1	1712.43	0.57	1710.36	0.57	1711.30	0.85	1714.14	0.88	1715.90	1.2	1715.85	1.2	1714.40	0.48	1710.82
04/05/24	2.2	1713.13	0.57	1710.26	0.86	1711.82	0.95	1714.52	0.92	1717.12	1.2	1716.73	1.3	1714.16	0.51	1710.84
04/06/24	2.1	1713.21	0.58	1709.71	0.81	1711.47	0.89	1714.17	0.87	1715.99	1.2	1716.42	1.2	1714.96	0.49	1710.37
04/07/24	2.1	1712.76	0.56	1709.55	0.81	1711.84	0.89	1714.54	0.87	1716.18	1.2	1716.88	1.2	1713.83	0.48	1710.95
04/08/24	2.1	1712.60	0.56	1709.66	0.84	1711.13	0.91	1713.83	0.89	1715.99	1.2	1715.56	1.2	1714.03	0.50	1710.13
04/09/24	2.1	1712.34	0.55	1709.60	0.84	1710.43	0.91	1713.13	0.88	1715.72	1.2	1715.88	1.3	1714.64	0.49	1709.61
04/10/24	2.0	1712.49	0.55	1709.85	0.76	1710.39	0.90	1712.67	0.82	1715.28	1.1	1715.44	1.2	1714.59	0.46	1709.89
04/11/24	2.2	1712.32	0.60	1709.73	0.79	1710.54	0.95	1712.73	0.85	1715.06	1.1	1715.09	1.2	1714.67	0.48	1710.01
04/12/24	2.2	1712.59	0.58	1709.85	0.88	1710.71	0.96	1712.32	1.1	1713.32	1.5	1714.22	1.3	1714.49	0.53	1710.09
04/13/24	2.0	1712.78	0.50	1709.96	0.70	1710.82	0.96	1712.12	0.94	1713.36	1.3	1714.00	1.3	1714.01	0.50	1710.27
04/14/24	2.1	1712.33	0.51	1709.82	0.82	1710.41	0.90	1712.61	0.91	1712.78	1.2	1714.33	1.2	1714.19	0.52	1710.64
04/15/24	2.1	1711.94	0.51	1709.86	0.80	1710.47	0.91	1712.19	0.91	1714.23	1.2	1714.94	1.2	1714.59	0.48	1710.13
04/16/24	2.1	1711.75	0.51	1709.81	0.77	1710.27	0.96	1711.86	0.93	1714.80	1.2	1715.16	1.2	1715.08	0.48	1709.92
04/17/24	2.1	1711.73	0.52	1709.87	0.76	1710.21	0.96	1712.45	0.91	1714.81	1.2	1715.31	1.2	1715.01	0.50	1710.08
04/18/24	2.1	1712.38	0.47	1709.78	0.83	1710.62	1.00	1711.93	0.98	1715.06	1.2	1716.54	1.3	1715.23	0.44	1710.16
04/19/24	2.1	1712.36	0.49	1709.79	0.79	1710.60	0.84	1716.03	0.97	1714.77	1.2	1716.29	1.3	1715.14	0.46	1710.09
04/20/24	2.1	1712.34	0.49	1709.87	0.02	1721.72	0.82	1717.47	0.96	1715.95	1.2	1717.84	1.3	1715.87	0.50	1710.41
04/21/24	2.1	1712.13	0.55	1709.81	0.40	1710.35	0.94	1713.42	0.97	1714.67	1.2	1717.15	1.3	1715.11	0.51	1710.12
04/22/24	2.1	1712.18	0.54	1709.84	0.34	1710.60	0.95	1714.19	0.98	1714.79	1.2	1716.98	1.2	1715.17	0.51	1710.00
04/23/24	2.1	1712.22	0.55	1710.09	0.32	1710.84	0.92	1714.55	0.93	1714.88	1.3	1716.94	1.3	1715.32	0.49	1710.20
04/24/24	2.1	1712.21	0.55	1709.81	0.32	1710.58	0.92	1713.41	0.94	1714.78	1.2	1717.14	1.3	1715.35	0.50	1710.18
04/25/24 ²	2.0	1713.87	0.41	1722.50	0.43	1715.62	0.91	1713.10	0.95	1713.49	1.1	1717.63	1.3	1715.37	0.49	1710.14
04/26/24	2.1	1713.20	0.60	1709.76	0.36	1710.60	0.86	1715.99	1.0	1712.70	1.0	1719.30	1.2	1716.91	0.49	1711.58
04/27/24	2.1	1713.04	0.58	1709.81	0.48	1710.62	0.85	1714.89	1.0	1713.55	1.2	1716.21	1.3	1715.90	0.46	1711.26
04/28/24	2.1	1712.86	0.59	1709.86	0.49	1710.62	0.85	1714.87	1.0	1713.52	1.2	1716.03	1.2	1715.76	0.48	1710.12
04/29/24	2.1	1712.31	0.58	1709.86	0.48	1710.71	0.87	1715.18	1.0	1713.60	1.3	1715.74	1.2	1715.95	0.46	1710.98
04/30/24	2.1	1712.60	0.57	1709.95	0.47	1711.10	0.86	1714.84	1.0	1713.62	1.3	1715.94	1.2	1715.77	0.41	1710.29
Monthly Average	2.1	1712.42	0.54	1710.35	0.64	1711.28	0.90	1714.04	0.94	1714.79	1.2	1716.26	1.2	1714.98	0.48	1710.37
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc ⁴ (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	450	4/2/2024	860	4/2/2024	430	4/2/2024	59	4/2/2024	330	4/2/2024	770	4/2/2024	830	4/2/2024	1000	4/2/2024
Hexavalent Chromium	0.10	4/2/2024	0.65	4/2/2024	0.71	4/2/2024	0.024	4/2/2024	0.025	4/2/2024	0.080	4/2/2024	0.097	4/2/2024	0.23	4/2/2024
Total Chromium	0.10	4/2/2024	0.64	4/2/2024	0.71	4/2/2024	0.029	4/2/2024	0.030	4/2/2024	0.088	4/2/2024	0.11	4/2/2024	0.25	4/2/2024

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 4/25, AP-5 wells offline due to maintenance.
 3: On 4/20, E1-3 offline due to maintenance.
 4: Duplicates taken on 04/02 of well E2-4; average of both values is presented and used for calculations.

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

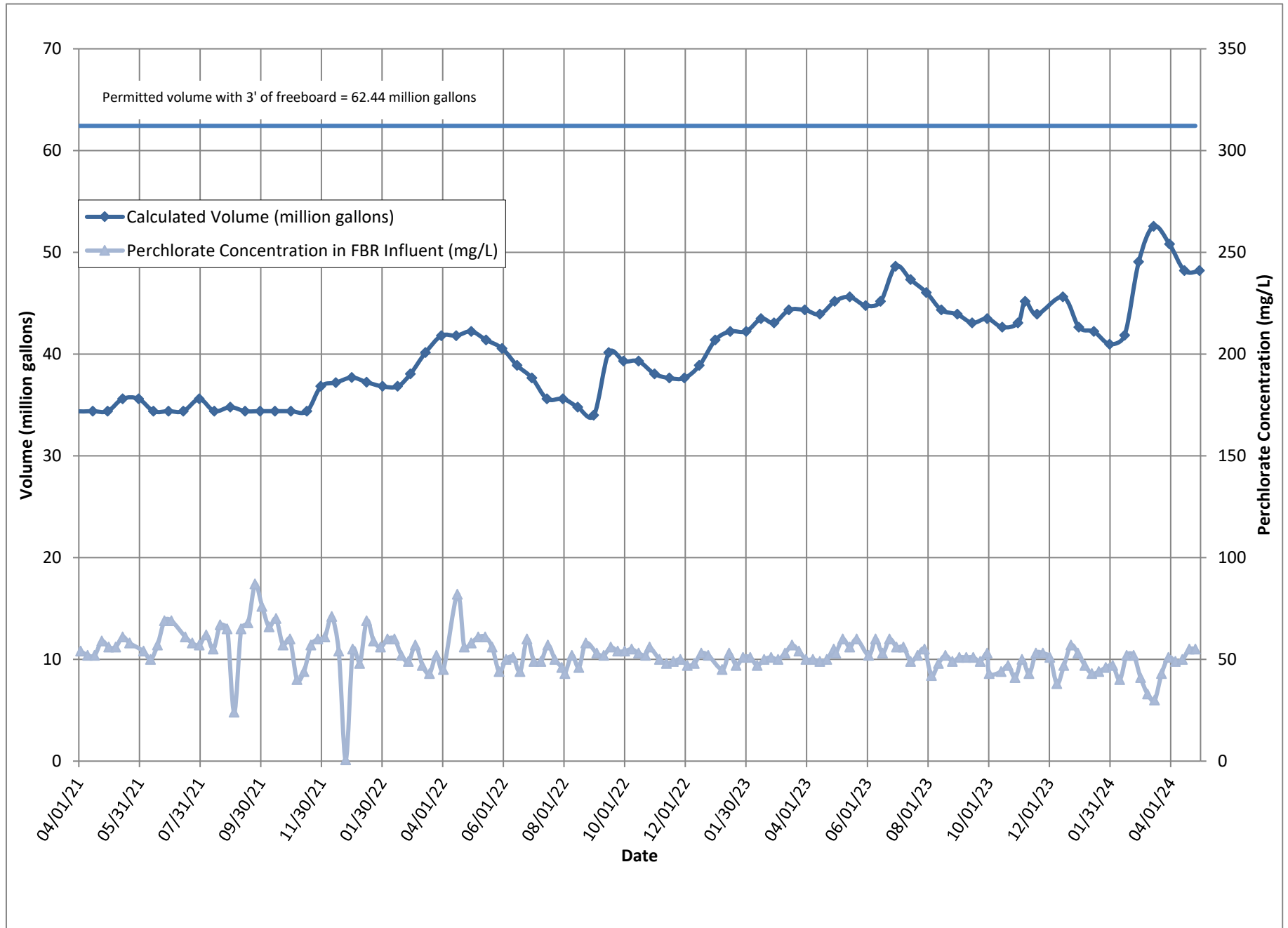


Figure 2 - FBR Equivalent Loading Calculation

