

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																											
Date	LS #1	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)	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)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)								
02/01/23	478	154	1537.70	87	1542.73	127	1543.77	108	1533.77	64	1548.32	109	1549.36	52	1550.34	19	1551.73	9.6	< 1520.00								
02/02/23	477	154	1537.68	87	1542.73	127	1543.77	108	1533.74	64	1548.33	109	1549.38	52	1550.35	19	1551.77	9.6	< 1520.00								
02/03/23	476	154	1537.68	87	1542.73	127	1543.79	108	1533.75	64	1548.35	109	1549.40	52	1550.38	19	1551.79	9.6	< 1520.00								
02/04/23	486	154	1537.67	87	1542.72	127	1543.80	108	1533.74	64	1548.36	109	1549.41	52	1550.39	19	1551.80	9.6	< 1520.00								
02/05/23	473	154	1537.66	87	1542.73	127	1543.81	108	1533.74	64	1548.37	109	1549.42	52	1550.40	19	1551.81	9.5	< 1520.00								
02/06/23	485	154	1537.64	87	1542.71	127	1543.80	108	1533.72	64	1548.36	109	1549.41	52	1550.38	19	1551.79	9.5	< 1520.00								
02/07/23	476	154	1537.64	89	1542.72	127	1543.78	108	1533.70	64	1548.35	109	1549.39	52	1550.37	19	1551.78	9.5	< 1520.00								
02/08/23	480	154	1537.64	87	1542.70	127	1543.78	108	1533.69	64	1548.34	109	1549.39	52	1550.36	19	1551.77	9.5	< 1520.00								
02/09/23	465	154	1537.62	87	1542.70	127	1543.76	108	1533.66	64	1548.32	109	1549.36	52	1550.33	19	1551.74	9.5	< 1520.00								
02/10/23 ²	438	116	1538.44	87	1542.80	126	1543.97	108	1534.09	64	1548.32	108	1549.48	52	1550.44	19	1551.81	9.6	< 1520.00								
02/11/23	475	157	1537.69	87	1542.75	127	1543.83	108	1533.78	64	1548.19	109	1549.40	52	1550.38	19	1551.78	9.6	< 1520.00								
02/12/23	483	157	1537.58	87	1542.71	127	1543.80	108	1533.72	64	1548.18	109	1549.38	52	1550.37	19	1551.77	9.6	< 1520.00								
02/13/23	485	157	1537.54	87	1542.72	127	1543.69	108	1533.70	64	1547.97	109	1549.39	52	1550.36	19	1551.15	9.6	< 1520.00								
02/14/23	482	157	1537.51	87	1542.70	127	1543.64	108	1533.69	64	1547.90	109	1549.39	52	1550.37	19	1550.82	10	< 1520.00								
02/15/23	499	157	1537.50	87	1542.72	127	1543.62	108	1533.65	64	1547.89	109	1549.37	52	1550.35	19	1550.80	9.5	< 1520.00								
02/16/23	489	157	1537.53	87	1542.71	127	1543.61	108	1533.64	64	1547.88	109	1549.37	52	1550.34	19	1550.80	9.5	< 1520.00								
02/17/23	503	157	1537.53	87	1542.68	127	1543.62	108	1533.64	64	1547.90	109	1549.38	52	1550.36	19	1550.81	9.5	< 1520.00								
02/18/23	488	157	1537.50	87	1542.72	127	1543.62	108	1533.63	64	1547.90	109	1549.38	52	1550.36	19	1550.80	9.5	< 1520.00								
02/19/23	477	157	1537.51	87	1542.69	127	1543.62	108	1533.65	64	1547.90	109	1549.38	52	1550.35	19	1550.79	0.15	< 1520.00								
02/20/23	465	157	1537.50	87	1542.69	127	1543.63	108	1533.65	64	1547.91	109	1549.38	52	1550.35	19	1550.79	0.01	< 1520.00								
02/21/23 ²	451	154	1537.84	87	1542.80	125	1543.81	106	1534.02	63	1548.04	107	1549.49	51	1550.45	19	1550.86	4.1	< 1520.00								
02/22/23	487	157	1537.65	87	1542.61	127	1543.71	108	1533.80	64	1547.98	109	1549.43	52	1550.40	19	1550.82	9.8	< 1520.00								
02/23/23	486	157	1537.53	87	1542.53	127	1543.64	108	1533.70	64	1547.93	109	1549.37	52	1550.34	19	1550.76	9.8	< 1520.00								
02/24/23	488	157	1537.50	87	1542.51	127	1543.60	108	1533.64	64	1547.90	109	1549.33	52	1550.30	19	1550.73	9.7	< 1520.00								
02/25/23	484	157	1537.46	87	1542.49	127	1543.58	108	1533.60	64	1547.89	109	1549.32	52	1550.29	19	1550.71	9.7	< 1520.00								
02/26/23	487	157	1537.42	87	1542.49	127	1543.57	108	1533.58	64	1547.89	109	1549.31	52	1550.27	19	1550.70	9.7	< 1520.00								
02/27/23	492	157	1537.40	87	1542.48	127	1543.55	108	1533.55	64	1547.88	109	1549.30	52	1550.26	19	1550.69	9.7	< 1520.00								
02/28/23 ²	505	157	1537.46	87	1542.46	127	1543.56	108	1533.59	64	1547.88	109	1549.29	52	1550.26	19	1550.68	9.7	< 1520.00								
Monthly Average	481	155	1537.61	87	1542.67	127	1543.71	108	1533.71	64	1548.09	109	1549.38	52	1550.35	19	1551.22	8.7	< 1520.00								
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						
Perchlorate	15		2/13/2023	15		2/13/2023	7.6		2/13/2023	8.7		2/13/2023	2.9		2/13/2023	0.79		2/13/2023	0.082		2/13/2023	0.11		2/13/2023	1.4		2/13/2023
Hexavalent Chromium	0.0050	Q	2/13/2023	ND		2/13/2023	ND		2/13/2023	0.0060		2/13/2023	ND	Q	2/13/2023	ND		2/13/2023	ND		2/13/2023	ND		2/13/2023	ND		2/13/2023
Total Chromium	ND		2/13/2023	ND		2/13/2023	ND		2/13/2023	0.0013	J	2/13/2023	ND		2/13/2023	ND		2/13/2023	ND		2/13/2023	ND		2/13/2023	ND		2/13/2023

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.
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 2/10, 2/21 and 2/28, SWF offline due to maintenance.
 3: On 2/8 and 2/10, PC-99R2/R3 offline due to maintenance.
 4: Duplicates taken on 2/13 for well PC-121; average of both values is presented and used for calculations.
 5: On 2/19, PC-133 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 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)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	
02/01/23	379	42	1583.97	141	1584.10	14	< 1575.00	3.7	1579.08	42	1576.85	20	1583.11	173	1582.14	1.5	1578.45	
02/02/23	395	42	1583.94	141	1584.06	20	1580.84	3.7	1579.04	42	1576.86	24	1580.39	173	1582.03	1.5	1578.45	
02/03/23	400	42	1583.90	141	1583.99	22	1582.90	3.7	1578.92	40	1576.83	26	1579.02	173	1581.96	1.5	1578.45	
02/04/23	404	42	1583.88	141	1583.96	22	1582.87	3.7	1578.85	40	1576.82	26	1579.01	173	1581.93	1.5	1578.44	
02/05/23	396	42	1583.86	141	1583.94	21	1582.86	3.7	1578.81	39	1576.86	26	1579.01	173	1581.92	1.5	1578.43	
02/06/23	400	42	1583.83	141	1583.91	21	1582.84	3.7	1578.79	39	1576.84	26	1579.01	173	1581.90	1.5	1578.43	
02/07/23	394	42	1583.82	141	1583.89	21	1582.82	3.7	1578.79	38	1576.87	25	1579.01	173	1581.88	1.5	1578.43	
02/08/23	397	42	1583.80	141	1583.87	21	1582.81	3.7	1578.79	39	1576.85	25	1579.01	173	1581.87	1.5	1578.43	
02/09/23	393	42	1583.78	141	1583.85	21	1582.79	3.7	1578.79	38	1576.86	25	1579.00	173	1581.85	1.5	1578.43	
02/10/23	383	24	1578.29	136	1584.05	21	1582.79	3.7	1580.98	39	1576.81	25	1579.00	173	1581.98	1.5	1578.43	
02/11/23	399	25	1577.42	141	1584.05	22	1582.90	3.7	1580.49	39	1576.81	25	1579.00	173	1582.00	1.5	1578.43	
02/12/23	390	25	1577.43	141	1584.06	22	1582.91	3.7	1578.83	39	1576.83	25	1579.00	173	1582.01	1.5	1578.43	
02/13/23	384	35	1581.13	141	1584.01	21	1582.89	3.7	1578.81	37	1576.93	25	1578.99	173	1581.98	1.5	1578.43	
02/14/23	398	42	1583.80	141	1583.89	21	1582.82	3.7	1578.81	38	1576.81	25	1579.00	173	1581.89	1.5	1578.43	
02/15/23	399	42	1583.75	141	1583.83	21	1582.78	3.6	1578.79	38	1576.78	25	1578.99	173	1581.85	1.5	1578.43	
02/16/23	392	42	1583.73	141	1583.81	21	1582.76	3.6	1578.79	38	1576.74	25	1578.99	173	1581.83	1.5	1578.43	
02/17/23	389	42	1583.72	141	1583.80	21	1582.75	3.6	1578.80	39	1576.42	25	1578.79	173	1581.82	1.5	1578.43	
02/18/23	383	42	1583.71	141	1583.79	21	1582.75	3.6	1578.80	39	< 1575.00	25	< 1578.00	173	1581.82	1.5	1578.43	
02/19/23	398	42	1583.70	141	1583.78	21	1582.74	3.6	1578.80	38	< 1575.00	25	< 1578.00	172	1581.81	1.5	1578.43	
02/20/23	381	42	1583.69	141	1583.77	21	1582.73	3.6	1578.80	38	< 1575.00	25	< 1578.00	172	1581.81	1.5	1578.43	
02/21/23	386	42	1583.70	141	1583.78	22	1582.73	3.6	1578.80	37	< 1575.00	25	< 1578.00	172	1581.81	1.5	1578.43	
02/22/23 ²	395	41	1583.74	139	1583.87	21	1582.81	3.5	1578.87	38	< 1575.00	25	< 1578.00	170	1581.89	1.5	1578.55	
02/23/23	394	42	1583.69	141	1583.78	21	1582.74	3.6	1578.79	38	< 1575.00	25	< 1578.00	173	1581.81	1.5	1578.43	
02/24/23	393	42	1583.66	141	1583.75	21	1582.71	3.6	1578.79	38	1576.05	25	1578.64	173	1581.78	1.5	1578.43	
02/25/23	393	42	1583.66	141	1583.74	21	1582.70	3.6	1578.80	38	1576.73	25	1579.05	173	1581.78	1.5	1578.43	
02/26/23	395	42	1583.64	141	1583.72	21	1582.69	3.5	1578.79	38	1576.73	25	1579.04	173	1581.76	1.5	1578.43	
02/27/23	388	42	1583.63	141	1583.71	21	1582.68	3.5	1578.80	38	1576.72	25	1579.04	173	1581.76	1.5	1578.43	
02/28/23	393	42	1583.62	141	1583.70	21	1582.68	3.5	1578.80	38	1576.72	25	1579.04	173	1581.75	1.5	1578.43	
Monthly Average	392	40	1583.02	141	1583.87	21	1582.44	3.6	1578.96	39	1576.38	25	1578.97	173	1581.88	1.5	1578.44	
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
Perchlorate	24	2/13/2023	6.3	2/13/2023	150	2/13/2023	100	2/13/2023	150	2/13/2023	72	2/13/2023	52	2/13/2023	31	2/13/2023		2/13/2023
Hexavalent Chromium	ND	2/13/2023	0.0023	2/13/2023	0.31	2/13/2023	0.17	2/13/2023	0.59 Q	2/13/2023	0.51	2/13/2023	0.062	2/13/2023	0.041	2/13/2023		2/13/2023
Total Chromium	ND	2/13/2023	ND	2/13/2023	0.27	2/13/2023	0.15	2/13/2023	0.53	2/13/2023	0.43	2/13/2023	0.051	2/13/2023	0.034	2/13/2023		2/13/2023

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 ND = Not detected above laboratory method detection limit (ClO₄ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₃-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
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 2/22, AWF offline due to maintenance.
 3: On 2/10, ART-1A briefly switched to ART-1.
 4: Duplicates taken on 2/13 for well ART4/4A; average of both values is presented and used for calculations.
 5: Conducted periodic bucket tests to confirm flow rates for PC-150. Average flow of 1.5 gpm determined from flow tests is presented for 2/1-2/28 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.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	I-AR		I-AA		I-AB		I-AC		I-AD		I-B		I-C		I-D		I-E		I-F	
	Flow ^{2,3} (gpm)	Water Elevation (ft amsl)	Flow ^{4,5} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{5,7,8} (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)
02/01/23	0.24	1715.11	0.77	1710.96	0.0	1719.04	0.0	1724.00	1.02	1715.84	0.43	1709.82	2.8	1708.73	1.2	1705.61	1.1	1713.16	2.6	1716.53
02/02/23	0.23	1715.11	0.77	1710.95	0.02	1718.62	0.0	1723.89	1.00	1716.20	0.43	1709.72	2.8	1708.72	1.2	1705.43	1.1	1713.19	2.6	1716.43
02/03/23	0.23	1715.10	0.77	1711.03	0.0	1719.07	0.0	1723.85	0.99	1716.42	0.44	1709.70	2.8	1708.72	1.2	1705.43	1.1	1713.21	2.5	1716.49
02/04/23	0.23	1715.11	0.80	1710.44	0.0	1719.07	0.0	1723.83	0.99	1716.34	0.44	1709.68	2.8	1708.72	1.2	1705.43	1.1	1713.24	2.5	1716.63
02/05/23	0.23	1715.11	0.90	1708.30	0.0	1719.00	0.0	1723.84	0.99	1716.35	0.43	1709.70	2.8	1708.72	1.2	1705.43	1.0	1713.87	2.4	1716.72
02/06/23	0.23	1715.11	0.89	1708.45	0.0	1718.96	0.0	1723.81	0.98	1716.39	0.42	1709.70	2.8	1708.72	1.2	1705.43	0.96	1714.17	2.4	1716.71
02/07/23	0.20	1716.75	0.90	1708.19	0.0	1718.94	0.0	1723.78	0.97	1716.49	0.42	1709.70	2.8	1708.71	1.2	1705.43	0.97	1714.07	2.4	1716.69
02/08/23	0.23	1715.40	0.90	1708.22	0.0	1718.78	0.0	1723.78	0.97	1716.53	0.42	1709.73	2.7	1708.71	1.1	1705.43	0.97	1714.05	2.4	1716.71
02/09/23	0.19	1716.11	0.89	1708.40	0.0	1718.93	0.0	1723.46	0.96	1716.61	0.42	1709.73	2.7	1708.72	1.1	1705.43	0.97	1714.03	2.4	1716.72
02/10/23	0.16	1717.59	0.88	1708.52	0.0	1718.94	0.0	1723.82	0.96	1716.67	0.42	1709.68	2.7	1708.72	1.1	1705.43	0.97	1713.99	2.4	1716.71
02/11/23	0.17	1717.49	0.88	1708.66	0.0	1718.94	0.0	1723.84	0.96	1716.66	0.42	1709.74	2.7	1708.72	1.1	1705.43	0.97	1713.97	2.4	1716.74
02/12/23	0.17	1717.17	0.88	1708.67	0.0	1718.94	0.0	1723.81	0.96	1716.66	0.42	1709.74	2.7	1708.72	1.1	1705.43	0.97	1713.96	2.4	1716.75
02/13/23	0.16	1717.29	0.87	1708.72	0.0	1718.95	0.0	1723.78	0.96	1716.69	0.42	1709.74	2.7	1708.72	1.1	1705.43	0.97	1713.95	2.4	1716.76
02/14/23	0.17	1717.50	0.87	1708.82	0.0	1718.95	0.0	1723.87	0.95	1716.79	0.42	1709.76	2.7	1708.71	1.1	1705.43	0.97	1713.88	2.4	1716.71
02/15/23	0.13	1718.48	0.87	1708.77	0.0	1718.93	0.0	1723.82	0.95	1716.80	0.42	1709.74	2.7	1708.71	1.1	1705.43	0.98	1713.77	2.3	1716.69
02/16/23	0.26	1717.55	0.87	1708.73	0.0	1718.93	0.0	1723.78	0.95	1716.78	0.42	1709.75	2.7	1708.71	1.1	1705.43	0.98	1713.75	2.3	1716.65
02/17/23	0.24	1715.10	0.87	1708.70	0.0	1718.95	0.0	1723.81	0.95	1716.80	0.42	1709.76	2.7	1708.71	1.1	1705.43	0.98	1713.76	2.3	1716.67
02/18/23	0.24	1715.04	0.87	1708.79	0.0	1718.95	0.0	1723.77	0.95	1716.79	0.42	1709.76	2.7	1708.71	1.1	1705.43	0.98	1713.77	2.3	1716.69
02/19/23	0.23	1715.05	0.86	1708.93	0.0	1718.95	0.0	1723.74	0.95	1716.77	0.42	1709.77	2.7	1708.71	1.1	1705.43	0.98	1713.77	2.3	1716.68
02/20/23	0.23	1715.07	0.86	1708.94	0.0	1718.95	0.0	1723.71	0.95	1716.76	0.42	1709.73	2.7	1708.71	1.1	1705.43	0.97	1713.78	2.3	1716.69
02/21/23	0.23	1715.05	0.87	1708.94	0.0	1718.97	0.0	1723.79	0.95	1716.83	0.42	1709.80	2.7	1708.71	1.1	1705.43	0.98	1713.77	2.3	1716.74
02/22/23	0.24	1715.04	0.86	1708.98	0.0	1718.96	0.0	1723.89	0.94	1716.95	0.42	1709.73	2.7	1708.71	1.1	1705.43	0.95	1713.89	2.3	1716.73
02/23/23	0.24	1715.04	0.86	1709.00	0.0	1718.96	0.0	1723.85	0.94	1716.94	0.42	1709.76	2.7	1708.71	1.1	1705.48	0.93	1714.09	2.3	1716.79
02/24/23	0.24	1715.04	0.86	1709.02	0.0	1718.96	0.0	1723.82	0.94	1716.96	0.42	1709.80	2.7	1708.71	1.1	1705.48	0.94	1714.09	2.2	1716.89
02/25/23	0.24	1715.04	0.85	1709.13	0.0	1718.95	0.0	1723.77	0.93	1717.00	0.42	1709.80	2.7	1708.71	1.1	1705.48	0.94	1714.12	2.2	1716.97
02/26/23	0.24	1715.05	0.86	1709.07	0.0	1718.93	0.0	1723.81	0.93	1717.06	0.42	1709.78	2.7	1708.71	1.1	1705.48	0.94	1714.14	2.2	1717.06
02/27/23	0.24	1715.05	0.89	1708.28	0.0	1718.92	0.0	1723.78	0.92	1717.12	0.41	1709.82	2.7	1708.71	0.87	1708.51	1.1	1711.04	3.1	1714.41
02/28/23	0.24	1715.05	0.92	1707.67	0.0	1718.89	0.0	1723.78	0.92	1717.16	0.41	1709.81	2.7	1708.71	0.45	1714.42	1.1	1708.51	3.0	1709.04
Monthly Average	0.22	1715.81	0.86	1708.97	0.0	1718.94	0.0	1723.80	0.96	1716.69	0.42	1709.75	2.7	1708.71	1.1	1705.87	0.99	1713.53	2.4	1716.36
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	340	2/2/2023	25	2/2/2023	72	2/2/2023	180	2/9/2023	170	2/9/2023	225	2/2/2023	420	2/2/2023	420	2/2/2023	350	2/8/2023	470	2/2/2023
Hexavalent Chromium	0.92 Q	2/2/2023	0.055	2/2/2023	0.020	2/2/2023	ND	2/9/2023	1.7	2/9/2023	0.19 Q	2/2/2023	2.6 Q	2/2/2023	4.6	2/2/2023	6.2	2/8/2023	12	2/2/2023
Total Chromium	0.93	2/2/2023	0.049	2/2/2023	0.020	2/2/2023	1.7	2/9/2023	1.6	2/9/2023	0.19	2/2/2023	2.5	2/2/2023	4.2	2/2/2023	5.5	2/8/2023	10	2/2/2023

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 2/7, I-AR, I-I, I-O, and I-Z offline due to maintenance.
 3: On 2/16, I-AR offline due to maintenance.
 4: On 2/4, I-AA, I-L, and I-R adjusted to meet flow targets as directed by the Trust.
 5: On 2/27, I-AA, I-D, I-E, I-F, I-H, I-L, I-M, I-N, I-P, I-R, I-S, I-T, I-U, and I-X adjusted to meet flow targets as directed by the Trust.
 6: Duplicates taken on 2/2 for I-B; average of both values is presented and used for calculations.
 7: On 2/2, I-D water level dropped below transducer.
 8: On 2/16 and 2/23, I-D, I-L, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.

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 (gpm)	Water Elevation (ft amsl)	Flow ^{5,9} (gpm)	Water Elevation (ft amsl)	Flow ² (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ^{4,5,8,10} (gpm)	Water Elevation (ft amsl)	Flow ^{5,9,11} (gpm)	Water Elevation (ft amsl)	Flow ^{5,9,11,12} (gpm)	Water Elevation (ft amsl)	Flow ² (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)
02/01/23	0.24	1711.21	0.63	1720.28	4.0	1721.98	5.9	1712.35	3.1	1708.71	0.90	1714.96	1.1	1719.18	1.4	1718.83	0.78	1721.57	1.8	1720.89
02/02/23	0.24	1711.21	0.62	1720.32	4.0	1721.95	5.9	1712.34	3.1	1708.59	0.86	1715.29	1.0	1719.35	1.3	1718.72	0.77	1721.56	1.8	1720.89
02/03/23	0.24	1711.21	0.61	1720.32	4.0	1721.95	5.9	1712.33	3.1	1708.58	0.8	1715.67	0.93	1719.59	1.2	1718.76	0.77	1721.56	1.8	1720.89
02/04/23	0.24	1711.22	0.61	1720.35	4.0	1721.95	5.9	1712.33	3.1	1708.59	0.88	1715.37	0.92	1719.65	1.2	1718.84	0.77	1721.56	1.8	1720.90
02/05/23	0.24	1711.22	0.79	1717.64	4.0	1721.96	5.9	1712.32	3.1	1708.62	1.1	< 1714.00	1.4	1718.68	1.4	1718.62	0.77	1721.57	1.7	1720.92
02/06/23	0.24	1711.22	1.0	1711.88	4.0	1721.93	5.8	1712.32	3.1	1708.59	1.1	< 1714.00	2.1	1716.89	1.6	1718.16	0.76	1721.51	1.8	1720.81
02/07/23	0.24	1711.22	0.99	1714.16	4.2	1721.86	5.8	1712.31	3.1	1708.54	1.0	< 1714.00	2.0	1716.78	1.5	1718.26	0.74	1721.46	1.8	1720.74
02/08/23	0.24	1711.22	0.96	1716.80	4.4	1721.78	5.8	1712.30	3.1	1708.49	1.0	< 1714.00	2.0	1716.82	1.4	1718.38	0.75	1721.43	1.8	1720.72
02/09/23	0.24	1711.20	0.95	1716.83	4.5	1721.75	5.8	1712.16	3.1	1708.38	1.0	< 1713.52	2.0	1716.79	1.4	1718.42	0.73	1721.40	1.7	1720.71
02/10/23	0.24	1711.20	0.95	1717.10	4.5	1721.74	5.8	1712.01	3.0	1708.61	1.0	< 1713.52	2.0	1716.71	1.4	1718.46	0.71	1721.41	1.7	1720.70
02/11/23	0.24	1711.20	0.94	1717.43	4.5	1721.76	5.8	1712.02	3.0	1708.71	1.0	< 1713.52	2.0	1716.66	1.4	1718.47	0.71	1721.43	1.7	1720.73
02/12/23	0.24	1711.20	0.93	1717.62	4.5	1721.76	5.8	1712.03	3.0	1708.66	1.0	< 1713.52	2.0	1716.62	1.4	1718.46	0.71	1721.43	1.7	1720.73
02/13/23	0.24	1711.21	0.92	1717.77	4.2	1721.76	5.8	1712.05	3.0	1708.69	1.0	< 1713.52	2.0	1716.61	1.7	1717.86	0.71	1721.42	1.8	1720.67
02/14/23	0.24	1711.21	0.92	1717.86	4.4	1721.75	5.8	1712.05	3.0	1708.61	1.0	< 1713.52	2.0	1716.59	1.7	1717.52	0.71	1721.41	1.8	1720.64
02/15/23	0.24	1711.21	0.92	1717.70	4.4	1721.71	5.8	1712.04	3.0	1708.43	1.0	< 1713.52	2.0	1716.60	1.6	1717.65	0.71	1721.38	1.8	1720.60
02/16/23	0.23	1711.21	0.91	1717.65	4.4	1721.69	5.8	1712.04	3.0	1708.42	1.0	< 1713.48	1.9	1716.59	1.6	1717.76	0.71	1721.35	1.8	1720.57
02/17/23	0.24	1711.21	0.90	1717.76	4.4	1721.70	5.8	1712.04	3.0	1708.49	1.00	< 1713.48	1.9	1716.58	1.6	1717.73	0.71	1721.36	1.8	1720.60
02/18/23	0.24	1711.22	0.90	1717.82	4.4	1721.71	5.8	1712.05	3.0	1708.49	1.0	< 1713.48	1.9	1716.55	1.6	1717.71	0.71	1721.37	1.8	1720.61
02/19/23	0.24	1711.22	0.90	1717.92	4.4	1721.71	5.8	1712.05	3.0	1708.44	0.99	< 1713.48	1.9	1716.54	1.5	1717.77	0.70	1721.37	1.8	1720.62
02/20/23	0.24	1711.22	0.90	1717.92	4.4	1721.71	5.8	1712.04	3.0	1708.50	0.98	< 1713.48	1.9	1716.55	1.5	1717.84	0.69	1721.38	1.8	1720.63
02/21/23	0.24	1711.22	0.90	1718.02	4.4	1721.76	5.8	1712.04	3.0	1708.80	0.98	< 1713.48	2.0	1716.25	1.7	1717.34	0.69	1721.43	1.8	1720.70
02/22/23	0.24	1711.22	0.89	1718.31	4.4	1721.75	5.8	1712.04	3.0	1708.83	0.98	< 1713.48	2.0	1716.33	1.6	1717.58	0.68	1721.44	1.8	1720.72
02/23/23	0.24	1711.22	0.89	1718.26	4.4	1721.73	5.8	1712.03	3.0	1708.70	0.98	< 1713.55	1.9	1716.49	1.5	1717.97	0.68	1721.42	1.8	1720.71
02/24/23	0.24	1711.22	0.89	1718.24	4.4	1721.72	5.8	1712.03	3.0	1708.61	0.97	< 1713.55	1.9	1716.60	1.4	1718.26	0.68	1721.41	1.7	1720.71
02/25/23	0.25	1711.22	0.89	1718.33	4.4	1721.74	5.8	1712.04	3.0	1708.68	0.98	< 1713.55	1.8	1716.82	1.3	1718.47	0.68	1721.43	1.7	1720.74
02/26/23	0.24	1711.22	0.89	1718.40	4.4	1721.73	5.8	1712.03	3.0	1708.73	0.98	< 1713.55	1.6	1717.52	1.3	1718.64	0.68	1721.43	1.7	1720.75
02/27/23	0.24	1711.22	0.96	1713.74	4.3	1721.74	5.8	1712.03	3.0	1708.78	1.1	< 1713.55	1.9	1716.68	1.6	1718.27	0.68	1721.43	1.9	1720.67
02/28/23	0.24	1711.22	0.99	1709.81	4.4	1721.73	5.8	1712.03	3.0	1708.69	1.1	< 1713.55	2.2	1715.94	1.6	1717.61	0.67	1721.40	2.0	1720.54
Monthly Average	0.24	1711.21	0.88	1717.37	4.3	1721.79	5.8	1712.12	3.0	1708.61	1.00	< 1713.84	1.8	1717.11	1.5	1718.16	0.72	1721.44	1.8	1720.72
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	780	2/9/2023	600	2/9/2023	390	2/9/2023	150	2/9/2023	200	2/9/2023	240	2/2/2023	540	2/2/2023	560	2/2/2023	530	2/9/2023	540	2/9/2023
Hexavalent Chromium	17	2/9/2023	12	2/9/2023	6.2	2/9/2023	3.4	2/9/2023	2.4	2/9/2023	1.4 Q	2/2/2023	5.4	2/2/2023	9.4	2/2/2023	9.1	2/9/2023	10	2/9/2023
Total Chromium	18	2/9/2023	12	2/9/2023	5.6	2/9/2023	3.7B	2/9/2023	2.7B	2/9/2023	1.3	2/2/2023	4.8	2/2/2023	8.3	2/2/2023	11	2/9/2023	11	2/9/2023

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 B = Compound was found in the blank and sample.
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 2/7, I-AR, I-H, I-O, and I-Z offline due to maintenance.
 4: On 2/4, I-AA, I-L, and I-R adjusted to meet flow targets as directed by the Trust.
 5: On 2/27, I-AA, I-D, I-E, I-F, I-H, I-L, I-M, I-N, I-P, I-R, I-S, I-T, I-U, and I-X adjusted to meet flow targets as directed by the Trust.
 8: On 2/16 and 2/23, I-D, I-L, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.
 9: On 2/5, I-H, I-M, I-N, I-S, and I-U adjusted to meet flow targets as directed by the Trust.
 10: On 2/8, I-L, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.
 11: On 2/21, I-M and I-N adjusted to meet flow targets as directed by the Trust.
 12: On 2/13, I-N adjusted to meet flow targets as directed by the Trust.

Table 3 - Interceptor Well Field (IWF) Operational Metrics

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 (gpm)	Water Elevation (ft amsl)	Flow ^{4,5,13} (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ^{5,9} (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow ⁵ (gpm)	Water Elevation (ft amsl)	Flow ^{8,10,14} (gpm)	Water Elevation (ft amsl)	Flow ^{2,8} (gpm)	Water Elevation (ft amsl)
02/01/23	0.18	1716.21	1.1	1714.22	1.4	1711.80	0.64	1711.46	0.64	1711.99	1.3	1721.82	0.59	1720.17	3.1	1705.30	1.3	1719.19	9.0	1711.04
02/02/23	0.19	1716.17	1.1	1714.77	1.4	1711.72	0.64	1711.45	0.63	1712.28	1.3	1721.78	0.61	1720.07	3.0	1705.06	1.3	1700.05	9.0	1710.73
02/03/23	0.18	1716.19	1.0	1715.06	1.4	1711.66	0.64	1711.55	0.61	1712.34	1.3	1721.77	0.64	1719.93	3.0	1706.00	1.3	1700.05	9.0	1710.53
02/04/23	0.18	1716.23	1.1	1714.92	1.4	1711.56	0.64	1711.59	0.58	1712.35	1.3	1721.78	0.65	1719.90	3.1	1706.46	1.3	1700.05	9.0	1710.30
02/05/23	0.18	1716.25	1.2	1713.76	1.5	1709.52	0.64	1711.61	0.69	1711.00	1.4	1721.79	0.67	1719.81	3.1	1707.14	1.3	1700.05	9.0	1710.11
02/06/23	0.18	1716.25	1.2	1713.71	1.7	1706.58	0.64	1711.35	0.86	1708.64	1.4	1721.75	0.69	1719.64	3.1	1706.73	1.3	1700.05	8.9	1710.00
02/07/23	0.16	1716.33	1.1	1714.09	1.7	1706.58	0.64	1711.33	0.82	1709.10	1.3	1721.71	0.71	1719.46	3.0	1706.76	1.3	1700.05	8.9	1710.13
02/08/23	0.16	1716.35	1.1	1714.36	1.7	1706.58	0.64	1711.32	0.81	1709.41	1.3	1721.67	0.71	1719.42	3.0	1707.01	1.3	1699.98	8.9	1710.39
02/09/23	0.20	1716.15	1.1	1714.44	1.7	1706.58	0.64	1711.26	0.77	1709.45	1.3	1721.64	0.68	1719.51	3.0	1707.07	1.3	1699.98	8.9	1710.39
02/10/23	0.21	1716.08	1.1	1714.46	1.7	1706.57	0.64	1711.23	0.76	1709.11	1.3	1721.64	0.69	1719.48	3.0	1707.21	1.3	1699.98	8.8	1710.39
02/11/23	0.20	1716.16	1.1	1714.49	1.7	1706.57	0.64	1711.18	0.76	1708.92	1.3	1721.66	0.68	1719.54	3.0	1707.33	1.3	1699.98	8.8	1710.39
02/12/23	0.19	1716.19	1.1	1714.48	1.6	1706.57	0.64	1711.14	0.80	1708.51	1.3	1721.65	0.68	1719.52	3.0	1707.44	1.27	1699.98	8.8	1710.39
02/13/23	0.19	1716.21	1.1	1714.64	1.6	1706.58	0.65	1711.09	0.75	1709.31	1.3	1721.65	0.68	1719.51	3.0	1708.48	1.3	1699.98	8.8	1710.39
02/14/23	0.19	1716.21	1.0	1714.71	1.6	1706.57	0.65	1711.05	0.73	1709.98	1.3	1721.64	0.68	1719.51	3.0	1707.55	1.3	1699.98	8.7	1710.39
02/15/23	0.19	1716.17	1.0	1714.74	1.6	1706.57	0.65	1710.93	0.73	1709.93	1.3	1721.61	0.70	1719.34	3.0	1706.36	1.3	1699.98	8.7	1710.39
02/16/23	0.18	1716.15	1.0	1714.85	1.6	1706.57	0.65	1710.90	0.72	1710.09	1.3	1721.60	0.71	1719.23	2.9	1706.24	1.3	1699.94	8.7	1710.42
02/17/23	0.18	1716.18	1.0	1714.90	1.6	1706.57	0.65	1710.98	0.71	1710.37	1.3	1721.63	0.70	1719.34	2.9	1706.38	1.3	1699.94	8.7	1710.42
02/18/23	0.18	1716.20	1.0	1715.02	1.6	1706.57	0.64	1711.13	0.68	1710.87	1.3	1721.64	0.71	1719.29	2.9	1706.33	1.3	1699.94	8.7	1710.42
02/19/23	0.17	1716.25	1.0	1715.08	1.6	1706.57	0.65	1711.05	0.68	1710.86	1.3	1721.64	0.71	1719.29	3.0	1705.93	1.3	1699.94	8.7	1710.42
02/20/23	0.17	1716.24	1.0	1715.05	1.6	1706.57	0.65	1711.00	0.65	1711.20	1.3	1721.64	0.71	1719.30	2.9	1706.19	1.3	1699.94	8.7	1710.42
02/21/23	0.18	1716.28	1.00	1715.13	1.6	1706.58	0.63	1711.32	0.67	1711.53	1.3	1721.69	0.70	1719.39	2.9	1706.96	1.3	1699.94	8.7	1710.42
02/22/23	0.18	1716.27	0.98	1715.18	1.6	1706.59	0.36	1716.41	0.68	1711.69	1.3	1721.69	0.68	1719.50	2.8	1709.50	1.3	1699.94	8.6	1710.42
02/23/23	0.18	1716.25	0.96	1715.33	1.6	1706.59	0.38	1716.24	0.68	1711.75	1.2	1721.67	0.68	1719.48	2.8	1711.23	1.3	1699.90	8.6	1710.38
02/24/23	0.18	1716.27	0.95	1715.44	1.6	1706.62	0.39	1716.19	0.66	1711.68	1.2	1721.66	0.69	1719.46	2.8	1711.63	1.3	1699.90	8.6	1710.38
02/25/23	0.18	1716.33	1.1	1714.14	1.6	1707.45	0.38	1716.28	0.67	1711.73	1.2	1721.69	0.69	1719.47	2.8	1712.15	1.3	1699.90	8.6	1710.38
02/26/23	0.18	1716.34	1.1	1714.15	1.5	1708.23	0.38	1716.28	0.65	1711.68	1.2	1721.68	0.69	1719.48	2.8	1712.58	1.3	1699.90	8.6	1710.38
02/27/23	0.19	1716.31	1.1	1713.42	1.6	1707.37	0.60	1711.99	0.73	1709.44	1.2	1721.70	0.69	1719.49	3.0	1705.14	1.3	1699.90	8.6	1710.38
02/28/23	0.19	1716.10	1.1	1713.33	1.6	1706.57	0.73	1708.08	0.78	1707.60	1.2	1721.68	0.71	1719.30	3.0	1698.30	1.2	1699.90	8.6	1710.38
Monthly Average	0.18	1716.23	1.1	1714.57	1.6	1707.53	0.60	1712.05	0.71	1710.46	1.3	1721.68	0.68	1719.53	3.0	1707.16	1.3	< 1700.65	8.8	1710.40
Analytical ¹	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date
Perchlorate	490	2/9/2023	590	2/2/2023	310	2/2/2023	670	2/9/2023	690	2/9/2023	490	2/9/2023	550	2/9/2023	580	2/2/2023	370	2/2/2023	180	2/9/2023
Hexavalent Chromium	13	2/9/2023	0.90Q	2/2/2023	1.7 Q	2/2/2023	15	2/9/2023	14	2/9/2023	6.5	2/9/2023	9.5	2/9/2023	9.5	2/2/2023	1.3 Q	2/2/2023	4.8	2/9/2023
Total Chromium	13	2/9/2023	0.81	2/2/2023	1.5	2/2/2023	15	2/9/2023	14	2/9/2023	5.8	2/9/2023	9.9	2/9/2023	8.5	2/2/2023	1.2	2/2/2023	4.3	2/9/2023

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading.
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: On 2/7, I-AR, I-I, I-O, and I-Z offline due to maintenance.
 4: On 2/4, I-AA, I-L, and I-R adjusted to meet flow targets as directed by the Trust.
 5: On 2/27, I-AA, I-D, I-E, I-F, I-H, I-L, I-M, I-N, I-P, I-R, I-S, I-T, I-U, and I-X adjusted to meet flow targets as directed by the Trust.
 8: On 2/16 and 2/23, I-D, I-L, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.
 9: On 2/5, I-H, I-M, I-N, I-S, and I-U adjusted to meet flow targets as directed by the Trust.
 10: On 2/8, I-L, I-Y, and I-Z water level taken manually due to water level dropping below transducer level.
 13: On 2/25, I-R adjusted to meet flow targets as directed by the Trust.
 14: On 2/1, 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	LS #2	GWTP Effluent ¹				GW-11 Influent ¹				FBR Plant Influent ¹						
	Flow (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO ₂ (mg/L)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO ₂ (mg/L)	Flow (gpm)	TA - ClO ₂ (mg/L)	ETI - ClO ₂ (mg/L)	TA - ClO ₂ (mg/L)	TA - NO ₃ - N (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)
02/01/23	827	55	1.5 B	0.254 Q	370	1.0	1.6 B	0.062	32	882		42	110 D	8.8	0.17 B	0.045
02/02/23	843	55				0.2				898		46				
02/03/23	846	53				0.1				898		46				
02/04/23	862	57				0.1				919	51	44				
02/05/23	837	54				0.1				890		45				
02/06/23	852	47				0.1				899		44				
02/07/23	865	54				0.1				919		43				
02/08/23	846	57	0.49	ND	340	0.1				903		43		9.3	0.097	0.055
02/09/23	831	55				0.1				887		33				
02/10/23	800	59				0.2				887		88				
02/11/23	854	52				0.1				906	47	54				
02/12/23	841	60				0.1				901		49				
02/13/23	846	57				0.1				903		49				
02/14/23	856	59				0.2				914		48				
02/15/23	859	59	0.34	ND Q	350	0.2				918		46		9.0	0.074	0.056 Q
02/16/23	847	51				0.2				898		38				
02/17/23	873	59				0.2				932		35				
02/18/23	856	58				0.2				913	50	58				
02/19/23	797	55				0.1				852		56				
02/20/23	813	55				0.1				868		55				
02/21/23	771	59				0.1				852		63				
02/22/23 ³	841	58	0.70 B	ND	370	0.2				906		58		9.0	0.17 B	0.054
02/23/23	848	60				0.2				908		62				
02/24/23	848	60				0.2				908		59				
02/25/23	847	60				0.1				907	51	60				
02/26/23	848	60				0.2				907		62				
02/27/23	848	60				0.1				908		60				
02/28/23	866	60				0.1				929		64				
Monthly Average ²	842	57	0.67	0.035	358	0.2	1.6	0.062	32	900	50	52	110	9.0	0.13	0.053

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 (ClO₄ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₃-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.
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: ETI = Envirogen internal process control data, TA = Eurofins TestAmerica data.
 2: All average concentrations reported are monthly flow weighted averages.
 3: On 02/22, Unit 4 effluent added to FBR Plant influent.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics															
Date	1st Stage FBR ⁴			2nd Stage FBR ⁴			FBR Plant Effluent ¹								
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow ⁵ (gpm)	TA - ClO ₂ (mg/L)	ETI - ClO ₂ (mg/L)	TA - ClO ₃ (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - NO ₂ - N (mg/L)	ETI - Turbidity (NTU)	
02/01/23	935	6.5	-235	944	6.8	-406	896		0.0		0.015 J,D	0.013 B	ND	0.075	20
02/02/23	915	6.5	-254	949	6.8	-411	897		0.0						24
02/03/23	884	6.6	-301	514	6.8	-391	880		0.0						16
02/04/23	865	6.6	-315	604	6.7	-407	911	ND	0.0						17
02/05/23	877	6.6	-309	985	6.8	-415	900		0.0						22
02/06/23	861	6.8	-307	555	6.8	-400	887		0.0						17
02/07/23	904	6.6	-292	592	6.8	-405	935		0.0						22
02/08/23	925	6.6	-243	978	6.8	-415	936		0.0		0.0086 J	ND	0.041 J		17
02/09/23	934	6.6	-299	747	6.8	-413	894		0.0						32
02/10/23	930	6.6	-301	863	6.8	-413	904		0.0						26
02/11/23	937	6.6	-303	952	6.8	-413	941	ND D	0.0						27
02/12/23	892	6.6	-276	835	6.8	-402	885		0.0						10
02/13/23	929	6.7	-191	708	6.8	-415	633		0.0						20
02/14/23	962	6.6	-276	641	7.2	-409	904		0.0						20
02/15/23	964	6.6	-275	620	7.2	-408	906		0.0		0.0031 J	ND Q	0.017 J		45
02/16/23	942	6.7	-41	959	6.8	-343	915		0.0						15
02/17/23	931	6.7	-346	946	6.8	-413	808		0.0						17
02/18/23	959	6.8	-357	583	6.8	-443	919	NDD	0.0						15
02/19/23	935	6.7	-382	952	6.8	-450	910		0.0						14
02/20/23	933	6.7	-398	522	6.8	-450	915		0.0						16
02/21/23	934	6.8	-371	554	6.9	-438	906		0.0						18
02/22/23 ³	888	6.7	-406	581	6.9	-435	902		0.0		0.0130 B	ND	ND		14
02/23/23	942	6.7	-423	919	6.9	-462	909		0.0						15
02/24/23	867	6.6	-353	868	6.8	-465	918		0.0						10
02/25/23	965	6.7	-382	896	6.8	-464	932	ND D	0.0						17
02/26/23	960	6.7	-377	598	6.8	-431	941		0.0						17
02/27/23	971	6.7	-392	906	6.8	-450	934		0.0						17
02/28/23	934	6.7	-401	719	6.8	-453	935		0.0						17
Monthly Average ²	924	6.6	-314	768	6.8	-422	898	ND	ND	0.015	0.0095	ND	0.025		19

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 (ClO₂ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₂-N= 0.055 mg/L; Cr(VI) = 0.25 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.

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

Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.

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

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

3: On 02/22, Unit 4 effluent added to FBR Plant influent.

4: 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.

5: 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)
02/15/23	24.8	43.5
02/28/23	25.1	43.1

GW-11 Leak Detection Monitoring				
Date	Amount Pumped ² (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
02/07/23	0.0	0.0	501	0.0
02/21/23	0.0	0.0	65	0.0

GW-11 Composite Sample ³		
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)	13,000D	mg/L
Total Suspended Solids (TSS)	57	mg/L
pH	7.6 HF	s.u.
Calcium	770	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:

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 (NH₃-N= 0.1 mg/L; NO₃-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.

Q = Sample was prepared and/or analyzed past holding time as defined in the method.

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 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)		
Mar 2022	1,022	50	20	110	556	477
Apr 2022	957	59	17	110	509	485
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	897	49	9.4	95	359	400
Feb 2023	897	50	9.0	110	386	393

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)
02/01/23	3.2	1712.42	0.84	1712.03	0.91	1712.19	0.59	1716.06	1.1	1717.06	0.96	1717.49	0.99	1716.82	0.39	1709.79
02/02/23	3.3	1711.67	0.82	1712.41	0.91	1712.71	0.69	1716.50	1.2	1716.63	0.99	1716.61	0.98	1715.61	0.39	1710.22
02/03/23	3.2	1711.22	0.80	1712.76	0.91	1713.00	0.78	1716.83	1.0	1716.55	0.96	1715.78	1.1	1715.02	0.41	1710.14
02/04/23	3.2	1711.49	0.86	1714.39	0.92	1712.91	0.75	1716.84	1.1	1716.78	0.97	1716.29	1.0	1715.21	0.40	1710.95
02/05/23	3.3	1710.88	0.90	1713.24	0.93	1713.30	0.77	1716.10	1.1	1716.45	0.98	1716.72	1.0	1715.39	0.38	1710.27
02/06/23	3.2	1711.11	0.88	1712.25	0.91	1713.12	0.77	1716.29	1.0	1716.03	1.0	1717.32	1.0	1716.16	0.40	1710.01
02/07/23	3.3	1711.87	0.86	1711.68	0.92	1712.63	0.8	1715.88	1.1	1716.29	0.95	1717.53	1.1	1716.71	0.36	1709.85
02/08/23	3.3	1712.43	0.83	1711.43	0.90	1711.86	0.63	1715.95	1.2	1716.08	0.95	1717.27	1.1	1716.78	0.36	1709.95
02/09/23	3.1	1712.22	0.86	1710.96	0.94	1711.42	0.95	1716.17	1.0	1715.53	1.0	1717.74	1.0	1717.32	0.46	1709.84
02/10/23	3.2	1711.27	0.80	1711.58	0.91	1712.49	0.80	1716.35	1.0	1716.23	0.98	1717.33	1.0	1717.63	0.40	1709.25
02/11/23	3.3	1711.34	0.83	1712.42	0.93	1712.33	0.81	1716.50	1.0	1716.39	0.99	1717.67	1.0	1717.94	0.40	1709.49
02/12/23	3.3	1711.87	0.86	1710.87	0.92	1711.15	0.79	1716.06	1.0	1716.55	0.98	1718.31	1.0	1717.52	0.41	1711.34
02/13/23	3.2	1711.68	0.82	1711.65	0.91	1712.06	0.81	1715.70	1.0	1716.12	1.0	1717.54	1.0	1717.63	0.41	1711.54
02/14/23	3.1	1711.46	0.79	1711.39	0.89	1711.53	0.86	1715.75	1.0	1715.63	0.98	1717.49	1.0	1717.35	0.35	1711.83
02/15/23	3.3	1711.42	0.74	1711.04	0.93	1711.59	0.71	1715.61	1.0	1714.86	1.0	1717.33	0.97	1717.07	0.40	1712.36
02/16/23	3.2	1712.62	0.70	1711.77	0.91	1711.25	0.78	1717.07	1.0	1716.64	1.0	1717.87	1.0	1717.79	0.36	1712.97
02/17/23	3.3	1712.71	0.78	1712.11	0.92	1711.17	0.78	1717.02	1.0	1716.81	0.99	1717.83	1.0	1717.63	0.34	1712.04
02/18/23	3.3	1712.61	0.80	1711.86	0.94	1711.22	0.69	1716.16	1.0	1716.47	0.99	1717.88	1.0	1717.59	0.35	1712.68
02/19/23	3.2	1711.68	0.88	1709.83	0.93	1711.03	0.74	1716.50	1.0	1716.68	0.97	1718.21	1.0	1716.55	0.38	1711.25
02/20/23	3.2	1711.54	0.88	1709.95	0.93	1710.59	0.91	1716.60	1.0	1716.71	1.1	1717.37	1.0	1717.36	0.39	1711.06
02/21/23	3.2	1711.87	0.87	1710.52	0.93	1710.10	0.79	1716.76	1.0	1716.37	0.99	1717.50	1.1	1717.46	0.40	1710.87
02/22/23	3.0	1712.38	0.80	1710.96	0.89	1709.87	0.77	1716.97	1.1	1716.45	1.1	1717.82	1.0	1717.30	0.37	1710.98
02/23/23	3.3	1712.46	0.86	1711.86	0.99	1710.01	0.77	1717.42	1.0	1716.31	0.96	1717.92	1.0	1717.56	0.39	1710.23
02/24/23	3.2	1712.70	0.85	1712.04	0.95	1710.56	0.93	1714.34	1.0	1716.84	0.96	1717.90	1.0	1717.96	0.37	1713.62
02/25/23	3.2	1712.73	0.88	1711.01	0.94	1710.47	0.98	1714.26	1.0	1716.94	1.2	1718.92	1.0	1717.80	0.24	1712.29
02/26/23	3.2	1712.87	0.84	1710.89	0.94	1710.39	0.96	1714.35	1.0	1716.54	1.2	1715.49	1.0	1717.83	0.47	1711.32
02/27/23	3.2	1713.01	0.92	1711.30	0.95	1710.53	0.91	1714.19	0.98	1716.62	1.2	1715.37	0.95	1717.61	0.37	1711.87
02/28/23	3.2	1712.74	0.82	1711.18	0.94	1710.27	1.0	1714.27	1.0	1716.50	1.1	1715.58	1.1	1717.64	0.37	1712.12
Monthly Average	3.2	1712.01	0.83	1711.62	0.92	1711.49	0.80	1716.01	1.0	1716.40	1.0	1717.29	1.0	1717.08	0.38	1711.07
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) ²	Date
Perchlorate	480	2/1/2022	820	2/1/2022	370	2/1/2022	100	2/1/2022	390	2/1/2022	870	2/1/2022	860	2/1/2022	1,100	2/1/2022
Hexavalent Chromium	0.097 Q	2/1/2022	0.62 Q	2/1/2022	0.75 Q	2/1/2022	0.031	2/1/2022	0.031	2/1/2022	0.052	2/1/2022	0.094	2/1/2022	0.26 Q	2/1/2022
Total Chromium	0.088 B	2/1/2022	0.54 B	2/1/2022	0.67 B	2/1/2022	0.038 B	2/1/2022	0.028 B	2/1/2022	0.090 B	2/1/2022	0.082 B	2/1/2022	0.23 B	2/1/2022

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.
 B = Compound was found in the blank and sample.
 Q = Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
 1: Analytical results are reported from Eurofins TestAmerica.
 2: Duplicates taken on 2/1 for well E2-5; average of both values is presented and used for calculations.

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

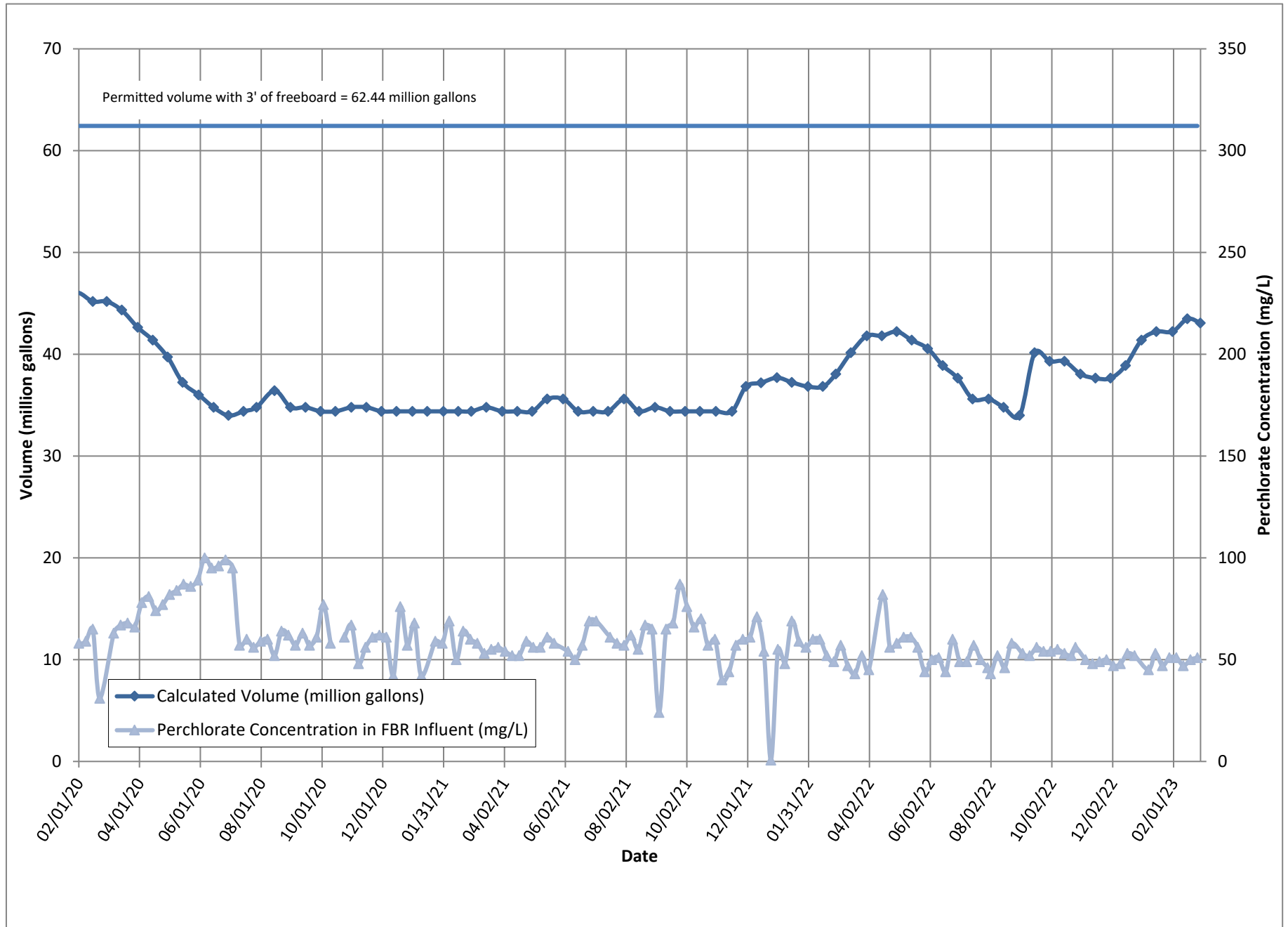


Figure 2 - FBR Equivalent Loading Calculation

