

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																			
Date	LS #1 Flow (gpm)	East Well (PC-116R)		Center Well (PC99R3)		West Well (PC-115R)		PC 117		PC 118		PC 119		PC 120		PC 121		PC 133	
		Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow <sup>2</sup> (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow <sup>3</sup> (gpm)	Water Elevation (ft amsl)
08/01/16	478	147	1538.5	67	1540.6	97	1525.0	117	1537.8	68	1546.9	40	1548.8	0	1550.5	0	1550.2	0	1520.0
08/02/16	469	150	1538.6	69	1540.9	99	1525.0	119	1538.0	69	1547.0	40	1548.8	0	1550.5	0	1550.2	0	1520.0
08/03/16	469	148	1538.6	68	1540.5	98	1525.0	117	1538.0	68	1546.9	40	1548.8	0	1550.5	0	1550.2	0	1520.0
08/04/16	468	149	1538.5	68	1540.7	97	1525.0	118	1538.0	67	1546.9	40	1548.8	0	1550.5	0	1550.2	0	1520.0
08/05/16	466	156	1538.6	70	1540.7	102	1525.0	122	1538.0	71	1547.0	41	1548.8	0	1550.5	0	1550.2	4	1520.0
08/06/16	469	153	1538.6	69	1540.6	99	1525.0	120	1538.0	69	1547.0	41	1548.8	0	1550.5	0	1550.3	8	1520.0
08/07/16	469	152	1538.6	69	1540.7	99	1525.0	119	1538.0	69	1547.0	40	1548.8	0	1550.5	0	1550.3	8	1520.0
08/08/16	468	152	1538.6	69	1540.7	100	1525.0	119	1538.0	70	1547.0	40	1548.8	0	1550.5	0	1550.3	8	1520.0
08/09/16	469	152	1538.6	69	1540.9	99	1525.0	120	1538.0	69	1547.0	40	1548.8	0	1550.5	0	1550.2	8	1520.0
08/10/16	473	148	1538.5	68	1540.9	99	1525.0	117	1537.9	69	1547.0	40	1548.8	0	1550.5	0	1550.2	8	1520.0
08/11/16	460	147	1538.5	67	1540.5	95	1525.0	117	1538.0	67	1547.0	40	1548.8	0	1550.5	0	1550.2	8	1547.5
08/12/16	470	151	1538.6	68	1540.8	98	1525.0	118	1538.1	68	1547.0	40	1548.8	0	1550.5	0	1550.2	8	1520.0
08/13/16	469	155	1538.6	70	1540.7	100	1525.0	121	1538.1	71	1547.0	41	1548.8	0	1550.5	0	1550.2	8	1520.0
08/14/16	468	152	1538.6	69	1540.7	99	1525.0	119	1538.0	69	1546.9	41	1548.8	0	1550.5	0	1550.2	8	1520.0
08/15/16	469	153	1538.5	69	1540.5	99	1525.0	119	1538.0	70	1546.9	40	1548.7	0	1550.2	0	1550.0	8	1520.0
08/16/16	469	152	1538.5	69	1540.5	99	1525.0	118	1538.0	51	1546.7	32	1548.7	0	1550.2	0	1550.0	8	1520.0
08/17/16	469	153	1538.5	4	1540.4	7	1525.0	119	1538.0	69	1546.7	62	1548.7	0	1550.2	0	1550.0	8	1520.0
08/18/16	484	113	1539.5	71	1546.1	100	1525.0	90	1538.7	74	1547.3	55	1548.5	0	1550.5	0	1550.3	8	1520.0
08/19/16	468	151	1539.5	72	1542.3	107	1543.3	120	1538.0	67	1546.8	41	1548.8	0	1550.3	0	1550.1	8	1520.0
08/20/16	469	150	1539.3	72	1542.1	107	1543.2	119	1537.8	67	1546.8	41	1548.7	0	1550.3	0	1550.1	8	1520.0
08/21/16	469	149	1539.2	71	1542.0	107	1543.2	119	1537.8	66	1546.7	42	1548.7	0	1550.2	0	1550.0	8	1520.0
08/22/16	469	148	1539.2	70	1542.2	106	1543.1	119	1537.7	66	1546.7	41	1548.7	0	1550.2	0	1550.0	8	1520.0
08/23/16	469	148	1539.2	71	1542.3	107	1543.1	119	1537.7	66	1546.7	40	1548.7	0	1550.2	0	1550.0	8	1520.0
08/24/16	468	149	1539.1	71	1542.3	107	1543.1	119	1537.7	66	1546.7	41	1548.7	0	1550.2	0	1550.0	8	1520.0
08/25/16	469	149	1539.1	71	1542.1	107	1543.1	120	1537.7	66	1546.7	42	1548.7	0	1550.2	0	1550.0	8	1520.0
08/26/16	471	155	1539.1	71	1542.2	106	1543.1	119	1537.7	65	1546.7	41	1548.6	0	1550.2	0	1550.0	8	1520.0
08/27/16	469	156	1539.3	71	1542.4	107	1543.1	120	1537.6	65	1546.7	42	1548.6	0	1550.2	0	1550.0	8	1520.0
08/28/16	469	156	1539.2	72	1542.0	107	1543.1	119	1537.6	65	1546.7	41	1548.6	0	1550.2	0	1550.0	8	1520.0
08/29/16	469	154	1539.2	71	1542.1	106	1543.1	119	1537.6	66	1546.7	41	1548.6	0	1550.2	0	1550.0	8	1520.0
08/30/16	469	155	1539.2	71	1542.1	107	1543.1	119	1537.6	65	1546.7	42	1548.6	0	1550.1	0	1549.9	8	1520.0
08/31/16	469	154	1539.2	72	1542.0	107	1543.1	120	1537.5	66	1546.6	41	1548.6	0	1550.1	0	1549.9	8	1520.0
Monthly Average	469	150	1538.9	68	1541.5	99	1532.6	118	1537.9	67	1546.9	41	1548.7	0	1550.3	0	1550.1	7	1520.9
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	
Perchlorate	14	8/1/2016	18	8/1/2016	15	8/1/2016	6.7	8/1/2016	5.2	8/1/2016	0.70	8/1/2016	0.0093	8/1/2016	ND	8/1/2016	0.67	8/1/2016	
Hexavalent Chromium	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	
Total Chromium	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	0.0073	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	ND	8/1/2016	

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 NA = Not Available; ND = Not detected above laboratory method detection limit (ClO<sub>4</sub> = 0.5 ug/L; Cr(TR)=2.5 ug/L, Cr(VI) = 1 ug/L).  
 1: Analytical results are reported from TestAmerica.  
 2: Slug testing by Ramboll for SWF from 08/15 to 08/18.  
 3: PC 133 off from 07/28 to 08/05; motor replaced approximately noon on 08/05.

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																	
Date	LS #3 Flow (gpm)	ART 1A/1B		ART 2A/2B		ART 3A/3B		ART 4A/4B		ART 6/9		ART 7A/7B		ART 8A/8B		PC-150	
		Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)	Flow (gpm)	Water Elevation (ft amsl)
08/01/16	338	0	1590.5	83	1589.8	44	1586.6	8	1575.0	72	1582.0	15	1579.7	147	1585.1	3	1584.4
08/02/16	351	0	1590.4	88	1589.8	44	1586.5	8	1575.0	88	1582.0	15	1578.8	147	1585.0	3	1583.9
08/03/16	351	0	1590.3	87	1589.7	39	1586.4	8	1575.0	86	1582.0	14	1579.0	146	1584.9	3	1583.9
08/04/16	351	0	1590.2	88	1589.6	34	1586.3	7	1575.0	85	1582.0	14	1578.7	147	1584.9	4	1584.7
08/05/16	350	0	1590.1	88	1589.5	33	1586.3	6	1575.0	85	1581.9	15	1578.9	146	1584.8	4	1584.6
08/06/16	352	0	1590.1	88	1589.5	32	1586.2	7	1575.0	83	1582.0	14	1578.8	146	1584.7	4	1584.3
08/07/16	351	0	1590.0	88	1589.4	32	1586.2	8	1575.0	87	1581.9	15	1579.8	146	1584.7	3	1584.0
08/08/16	301	0	1590.0	74	1589.4	31	1586.1	8	1575.0	88	1581.9	15	1578.8	147	1584.6	3	1583.9
08/09/16	234	0	1589.9	58	1589.3	31	1586.1	8	1575.0	88	1581.9	15	1578.7	146	1584.6	3	1584.2
08/10/16	234	0	1589.9	59	1589.3	30	1586.1	8	1575.0	88	1581.9	14	1579.0	147	1584.5	3	1584.0
08/11/16	235	0	1589.9	58	1589.2	30	1586.0	8	1575.0	88	1581.9	15	1578.8	147	1584.5	3	1584.0
08/12/16	234	0	1589.8	58	1589.2	30	1586.0	8	1575.0	86	1581.9	14	1578.8	153	1584.5	3	1584.2
08/13/16	234	0	1589.8	59	1589.2	30	1586.0	8	1575.0	87	1581.9	15	1578.8	169	1584.4	2	1584.4
08/14/16	234	0	1589.7	59	1589.1	29	1585.9	8	1575.0	87	1581.9	15	1578.8	170	1584.4	3	1584.1
08/15/16	234	0	1589.7	58	1589.1	30	1585.9	8	1575.0	86	1581.9	15	1578.8	170	1584.3	2	1584.3
08/16/16	235	0	1589.6	59	1589.0	30	1585.9	9	1575.0	87	1581.8	15	1578.8	167	1584.3	3	1583.9
08/17/16	235	0	1589.6	58	1589.0	29	1585.9	8	1575.0	84	1581.8	15	1578.8	166	1584.3	2	1583.9
08/18/16	215	0	1589.6	54	1589.0	29	1585.8	7	1575.0	73	1581.8	13	1578.9	154	1584.3	2	1584.1
08/19/16	235	0	1589.7	59	1589.1	30	1585.9	8	1575.0	79	1581.9	15	1580.4	169	1584.4	2	1589.3
08/20/16	234	0	1589.6	58	1589.0	29	1585.8	8	1575.0	76	1581.8	15	1578.9	169	1584.2	2	1589.3
08/21/16	235	0	1589.6	59	1588.9	30	1585.8	8	1575.0	61	1581.8	15	1580.3	166	1584.2	2	1589.2
08/22/16	234	0	1589.5	59	1588.9	30	1585.8	7	1575.0	59	1581.8	15	1580.4	164	1584.2	2	1589.2
08/23/16	234	0	1589.5	58	1588.9	29	1585.7	6	1575.0	58	1581.8	15	1580.6	167	1584.1	3	1584.3
08/24/16	235	0	1589.5	59	1588.9	30	1585.7	6	1575.0	59	1581.7	14	1580.1	170	1584.1	2	1584.1
08/25/16	233	0	1589.4	58	1588.8	29	1585.7	6	1575.0	57	1581.7	15	1579.2	169	1584.1	2	1583.9
08/26/16	234	0	1589.4	59	1588.3	29	1585.7	5	1575.0	59	1581.7	15	1579.5	167	1584.0	2	1584.4
08/27/16	233	0	1589.4	58	1588.2	29	1585.7	6	1575.0	58	1581.7	14	1578.7	163	1584.0	2	1583.9
08/28/16	233	0	1589.4	59	1588.2	30	1585.6	6	1575.0	59	1581.7	15	1578.8	167	1584.0	2	1583.9
08/29/16	234	0	1589.3	93	1588.2	29	1585.6	5	1575.0	58	1581.7	14	1578.8	167	1584.0	2	1584.2
08/30/16	235	0	1589.3	102	1588.1	29	1585.6	6	1575.0	59	1581.7	15	1578.7	166	1583.9	1	1584.0
08/31/16	235	0	1589.3	104	1588.1	29	1585.6	6	1575.0	58	1581.7	14	1578.7	166	1583.9	2	1584.3
Monthly Average	262	0	1589.7	69	1589.0	31	1585.9	7	1575.0	75	1581.8	14	1579.2	159	1584.4	3	1584.8
Analytical <sup>1</sup>	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L) <sup>2</sup>	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate	24	8/1/2016	13	8/1/2016	190	8/1/2016	240	8/1/2016	210	8/1/2016	110	8/1/2016	78	8/1/2016	220	8/1/2016	
Hexavalent Chromium	ND	8/1/2016	ND	8/1/2016	0.49	8/1/2016	1.5	8/1/2016	1.1	8/1/2016	0.91	8/1/2016	0.042	8/1/2016	0.49	8/1/2016	
Total Chromium	0.053	8/1/2016	ND	8/1/2016	0.26	8/1/2016	0.42	8/1/2016	0.91	8/1/2016	0.57	8/1/2016	0.070	8/1/2016	0.33	8/1/2016	

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading. NA = Not Available.  
 1: Analytical results are reported from TestAmerica.  
 2: Concentrations reported for ART-9.







Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics																	
Date	LS #2 Flow (gpm)	GWTP Effluent			GW-11 Influent				FBR Plant Influent <sup>1</sup>								
		Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO <sub>2</sub> (mg/L)	Flow <sup>2</sup> (gpm)	Cr (TR) (mg/L)	Cr (VI) (mg/L)	ClO <sub>2</sub> (mg/L)	Flow <sup>2,3</sup> (gpm)	TA - ClO <sub>2</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>2</sub> (mg/L)	TA - SO <sub>4</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)
08/01/16	938	65				0				1003		96	180	1500	11	0.026	0.022
08/02/16	937	64				0				1001		91					
08/03/16	937	56				0				993		89					
08/04/16	938	59	0.38	ND	710	3				997		85					
08/05/16	937	56				0				994		82					
08/06/16	938	60				0				997	83	83					
08/07/16	938	62				0				1000		86					
08/08/16	937	63				0				1000		84			10	0.067	0.054
08/09/16	935	62				0				997		84					
08/10/16	938	69				0				1007		84					
08/11/16	938	70	0.15	0.015	610	0				1008		93					
08/12/16	938	63				0				1001		88					
08/13/16	937	64				0				1001	93	86					
08/14/16	937	68				0				1005		87					
08/15/16	937	67				278	0.089	0.047	87	1005		80			10	0.064	0.057
08/16/16	937	70				843				812		62					
08/17/16	938	74				819				942		65					
08/18/16	893	75	0.45	ND	790	898				927		65					
08/19/16	938	74				972				921		65					
08/20/16	937	74				970				926	75	65					
08/21/16	938	73				490				1011		67					
08/22/16	937	74				633				1011		93			10	0.051	0.053
08/23/16	938	76				972				922		71					
08/24/16	938	68				970				927		67					
08/25/16	938	70	0.42	ND	1200	972				910		69					
08/26/16	937	73				963				910		81					
08/27/16	937	65				966				926	67	80					
08/28/16	938	64				957				930		87					
08/29/16	937	64				969				931		89			5.0	0.020	0.017
08/30/16	938	55				962				921		73					
08/31/16	937	59				963				909		70					
Monthly Average	936	66	0.35	0.004	828	471	0.089	0.047	87	963	80	80	180	1500	9.2	0.046	0.041

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 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); NA = Not Available, sample result not reported.  
 1: ETI = Envirogen internal process control data, TA = TestAmerica data.  
 2: Flows bypassed GW-11 Influent and FBR Plant Influent totalizers from 07/03 to 08/15 and partial days 08/21 to 08/22 due to FBR plant influent strainers clogging.  
 3: FBR Plant Influent flows estimated using LS#2 and GWTP for 08/01 to 08/15 and 08/21 to 08/22.

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust   Groundwater Extraction and Treatment System   Enhanced Operational Metrics															
Date	1st Stage FBR Influent			2nd Stage FBR Influent			FBR Plant Effluent <sup>1</sup>								
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	TA - ClO <sub>2</sub> (mg/L)	ETI - ClO <sub>4</sub> (mg/L)	TA - ClO <sub>2</sub> (mg/L)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - SO <sub>4</sub> (mg/L)	TA - NO <sub>3</sub> - N (mg/L)	ETI - Turbidity (NTU)
08/01/16	936	7.0	-297	868	6.6	-357	925		ND	ND	0.0069	ND	1300	ND	2
08/02/16	920	7.2	-333	872	6.6	-370	880		ND						4
08/03/16	905	7.2	-322	876	6.7	-373	830		ND						9
08/04/16	878	7.2	-328	848	6.8	-376	731		ND						12
08/05/16	889	7.0	-301	862	6.7	-362	854		ND						18
08/06/16	921	7.1	-311	865	6.7	-361	851	0.039	ND						9
08/07/16	850	7.1	-321	849	6.6	-366	919		ND						14
08/08/16	943	7.1	-316	881	6.6	-360	946		ND	0.016	ND		0.55		6
08/09/16	927	7.1	-322	864	6.7	-363	901		ND						19
08/10/16	878	6.9	-288	866	6.5	-352	842		ND						24
08/11/16	892	6.9	-300	900	6.5	-352	855		ND						4
08/12/16	856	7.0	-316	843	6.6	-368	988		ND						11
08/13/16	892	6.9	-312	859	6.5	-368	990		ND						12
08/14/16	953	6.9	-311	838	6.5	-365	961		ND						33
08/15/16	940	6.9	-326	805	6.5	-386	836		ND	0.0050	ND		ND		21
08/16/16	911	6.7	-332	809	6.4	-378	849		ND						2
08/17/16	926	6.7	-341	818	6.4	-341	968		ND						40
08/18/16	854	6.8	-348	794	6.4	-338	918		ND						22
08/19/16	902	6.9	-353	833	6.4	-348	893		ND						14
08/20/16	847	6.9	-349	903	6.4	-354	901		ND						15
08/21/16	942	7.1	-352	882	6.6	-367	891		ND						11
08/22/16	932	6.7	-329	868	6.5	-364	963		ND	0.0064	ND		4.4		4
08/23/16	916	6.8	-338	773	6.5	-375	942		ND						2
08/24/16	924	6.8	-344	841	6.4	-366	970		ND						3
08/25/16	920	6.9	-346	843	6.4	-370	908		ND						25
08/26/16	879	6.9	-349	660	6.5	-380	917		ND						8
08/27/16	943	6.9	-349	819	6.5	-384	914		ND						4
08/28/16	940	6.8	-349	927	6.4	-378	955		ND						5
08/29/16	918	6.7	-351	872	6.4	-381	882		ND	0.011	ND		ND		5
08/30/16	912	6.7	-355	887	6.4	-377	880		ND						4
08/31/16	890	6.8	-358	931	6.4	-383	883		ND						6
Monthly Average	908	6.9	-331	850	6.5	-367	901	0.010	ND	ND	0.0091	ND	1300	0.99	12

Notes:  
 Flow reported as gpm is a daily average calculated from the totalizer reading.  
 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); NA = Not Available, sample result not reported.  
 1: ETI = Envirogen internal process control data, TA = TestAmerica data.

GW-11 Level Monitoring		
Date	Field Measurement (ft)	Volume (MG)
8/11/2016	26.4	41.3
8/23/2016	25.3	42.9

GW-11 Leak Detection Monitoring				
Date	Amount Pumped <sup>1</sup> (gallons)			
	NW Corner	NE Corner	SW Corner	SE Corner
8/13/2016	309	2691	0	0
8/27/2016	115	2634	0	0

GW-11 Composite Sample <sup>2</sup>		
Analytes	Concentration	Units
Perchlorate	79	mg/L
Chlorate	140	mg/L
Ammonia as N	0.27	mg/L
Total Phosphorus	0.039	mg/L
Total Dissolved Solids (TDS)	6200	mg/L
Total Suspended Solids (TSS)	11	mg/L
pH	8.55	s.u.
Calcium	360	mg/L
Iron	0.19	mg/L
Chromium (total)	0.019	mg/L
Chromium VI	0.013	mg/L
Chloride	1800	mg/L
Nitrate as N	6.7	mg/L
Sulfate	1600	mg/L

## Notes:

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

2: Corner Composite Sample collected quarterly, most recent sampling results presented. Sampled on: July 13, 2016 by Envirogen.



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)		
Sep 2015	785	103	9.0	180	540	534
Oct 2015	950	86	6.0	180	587	542
Nov 2015	927	82	6.6	140	496	536
Dec 2015	919	76	9.0	160	537	537
Jan 2016	892	85	9.0	160	542	536
Feb 2016	930	93	8.8	300	846	591
Mar 2016	960	84	9.0	160	581	598
April 2016	944	84	9.0	160	572	595
May 2016	976	98	9.0	230	760	639
June 2016	902	75	9.3	130	476	629
July 2016	878	86	11	140	519	626
Aug 2016	901	80	9.2	180	577	581

Notes:

Concentrations and flow are presented as monthly average.

1: Flow used in loading calculation is average monthly FBR effluent flow to be consistent with historical loading calculations.

2: FBR loading calculated as  $[(0.9 \times \text{NO}_3 \text{ as N} + 0.17 \times \text{ClO}_3 + 0.18 \times \text{ClO}_4) \times \text{Flow} \times 1440 / 1000000 \times 8.34]$ .

Figure 1 - GW-11 Pond Volume and Perchlorate Concentration

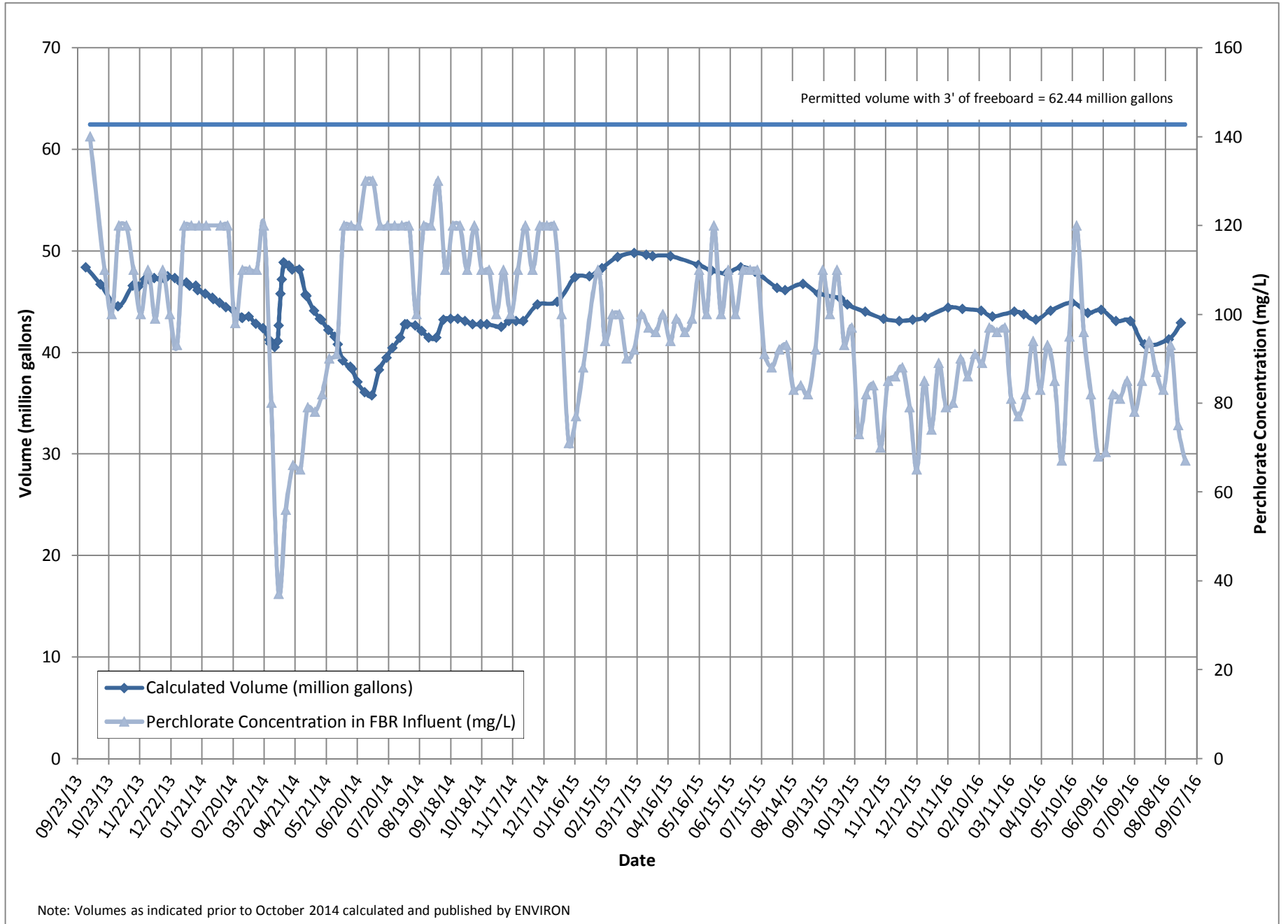


Figure 2 - FBR Equivalent Loading Calculation

