

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																			
Date	LS #1 Flow (gpm)	East Well (PC-116R)		Center Well (PC99R2/99R3)		West Well (PC-115R)		PC 117		PC 118		PC 119		PC 120		PC 121		PC 133 ¹	
		Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)
10/01/14	617	124	62	101	101	92	77	62	0	0	5								
10/02/14	622	125	63	101	101	94	78	63	0	0	5								
10/03/14	616	126	63	89	89	94	78	63	0	0	4								
10/04/14	615	123	61	87	87	93	78	62	0	0	5								
10/05/14	631	127	63	93	93	95	79	63	0	0	4								
10/06/14	617	123	62	92	92	92	77	62	0	0	5								
10/07/14	626	125	63	91	91	94	78	63	0	0	4								
10/08/14	623	125	62	92	92	94	78	62	0	0	4								
10/09/14	623	125	62	92	92	94	78	62	0	0	4								
10/10/14	623	125	62	92	92	94	78	62	0	0	3								
10/11/14	623	125	62	92	92	94	78	62	0	0	4								
10/12/14	623	125	62	92	92	94	78	62	0	0	4								
10/13/14	623	125	62	92	92	94	78	62	0	0	4								
10/14/14	623	125	62	92	92	94	78	62	0	0	4								
10/15/14	623	125	62	92	92	94	78	62	0	0	4								
10/16/14	623	125	62	92	92	94	78	62	0	0	4								
10/17/14	623	125	62	92	92	94	78	62	0	0	4								
10/18/14	623	125	62	92	92	94	78	62	0	0	4								
10/19/14	623	125	62	92	92	94	78	62	0	0	4								
10/20/14	623	125	62	92	92	94	78	62	0	0	4								
10/21/14	623	125	62	92	92	94	78	62	0	0	4								
10/22/14	623	125	62	92	92	94	78	62	0	0	4								
10/23/14	623	125	62	92	92	94	78	62	0	0	4								
10/24/14	623	125	62	92	92	94	78	62	0	0	4								
10/25/14	623	125	62	92	92	94	78	62	0	0	4								
10/26/14	623	125	62	92	92	94	78	62	0	0	4								
10/27/14	623	125	62	92	92	94	78	62	0	0	4								
10/28/14	623	125	62	92	92	94	78	62	0	0	4								
10/29/14	623	125	62	92	92	94	78	62	0	0	4								
10/30/14	623	125	62	92	92	94	78	62	0	0	4								
10/31/14	625	125	63	101	101	93	78	63	0	0	4								
Monthly Average	622	125	62	92	92	94	78	62	0	0	4								
Analytical ²	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	18	10/7/2014	20	10/7/2014	11	10/7/2014	11	10/7/2014	3	10/7/2014	0.4	10/7/2014	0.17	10/7/2014	0.29	10/7/2014	8.2	10/7/2014	
Hexavalent Chromium	Future Metric - Enhanced Operations																		
Total Chromium ³	0.027	8/4/2014	0.029	8/4/2014	0.0084	8/4/2014	0.0085	8/4/2014	0.0075	8/4/2014	0.0077	8/4/2014	0.0073	8/4/2014	0.0069	8/4/2014	0.0077	8/4/2014	

Notes:
 Flows highly variable between 10/08 and 10/30 due to outages and manual readings. Flows are reported as calculated averages.
 Flow reported as gpm is a daily average calculated from the totalizer reading
 1: Flow estimated for PC 133 on 10/08-10/09, 10/11-10/15, 10/17-10/18, 10/22-10/31.
 2: Analytical results are reported from TestAmerica
 3: Quarterly results, most recent sampling concentrations listed (Samples will be transitioned to monthly reporting in the future)

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																				
Date	LS #3 Flow (gpm)	ART 1		ART 2		ART 3 ¹		ART 4		ART 6 / ART 9		ART 6	ART 9	ART 7/7B ⁴		ART 8				
		Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)			
10/01/14	309	15		61		47		15		50				30		61				
10/02/14	311	23		63		47		16		51				31		63				
10/03/14	315	24		63		47		16		51				32		63				
10/04/14	312	23		63		47		16		50				31		63				
10/05/14	316	23		63		47		16		52				32		63				
10/06/14	308	24		62		47		15		50				31		62				
10/07/14	313	23		62		47		16		50				31		63				
10/08/14	308	24	Future Metric - Enhanced Operations	62		47		16		51		Future Metric - Enhanced Operations	Future Metric - Enhanced Operations	31		63				
10/09/14	308	24		62		47		16		51				31		63				
10/10/14	308	24		62		47		16		51				31		63				
10/11/14	308	24		62		47		16		51				31		63				
10/12/14	308	24		62		47		16		51				31		63				
10/13/14	308	24		62		47		16		51				31		63				
10/14/14	308	24		62		47		16		51				31		63				
10/15/14	308	24		62		41		16		51				31		63				
10/16/14	308	24		62		41		16		51				31		63				
10/17/14	308	24		62		41		16		51				31		63				
10/18/14	308	23		62		41		16		51				31		63				
10/19/14	308	23		62		41		16		51				31		63				
10/20/14	308	23		62		41		16		51				31		63				
10/21/14	308	23		62		41		16		51				31		63				
10/22/14	308	23		62		41		16		51				31		63				
10/23/14	308	23		62		41		16		51				31		63				
10/24/14	308	23		62		41		16		51				31		63				
10/25/14	308	23		62		41		16		51				31		63				
10/26/14	308	23		62		41		16		51				31		63				
10/27/14	308	23		62		41		16		51				31		63				
10/28/14	308	23		62		41		16		51				31		63				
10/29/14	308	23		62		41		16		51				31		63				
10/30/14	308	23		62		41		16		51				31		63				
10/31/14	313	24		62		39		16		51				31		63				
Monthly Average	309	23			62		43		16		51						31		63	
Analytical ²		Conc (mg/L)		Date	Conc (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	ART-6 (mg/L)			ART-9 (mg/L)	Date	Conc (mg/L)	Date	Conc (mg/L)	Date	
Perchlorate		14		10/7/2014	40	10/7/2014	240	10/7/2014	310	10/7/2014	47			250	10/7/2014	130	10/7/2014	160	10/7/2014	
Hexavalent Chromium		Future Metric - Enhanced Operations																		
Total Chromium ³		0.018		8/4/2014	0.056	8/4/2014	0.42	8/4/2014	0.59	8/4/2014	0.27			0.98	8/4/2014	0.68	8/4/2014	0.19	8/4/2014	

Notes:

Flows highly variable between 10/08 and 10/30 due to outages and manual readings. Flows are reported as calculated averages.

Flow reported as gpm is a daily average calculated from the totalizer reading

1: ART-3 flow meter re-calibrated on 10/14 afternoon

2: Analytical results are reported from TestAmerica

3: Quarterly results, most recent sampling concentration listed (Samples will be transitioned to monthly reporting in the future)

4: ART 7B replaced ART 7 in the same location and came online 10/17.

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)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)
10/01/14	0.79		1.37		0.00		0.00		0.00		1.11		5.89		1.88		1.24		4.03	
10/02/14	0.79		1.37		0.00		0.00		0.00		1.12		5.89		1.87		1.26		4.06	
10/03/14	0.79		1.37		0.00		0.00		0.00		1.10		5.83		1.87		1.27		4.04	
10/04/14	0.79		1.38		0.00		0.00		0.00		1.15		5.84		1.89		1.28		4.07	
10/05/14	0.79		1.35		0.00		0.00		0.00		1.13		5.75		1.85		1.26		3.95	
10/06/14	0.78		1.36		0.00		0.00		0.00		1.08		5.87		1.88		1.27		4.03	
10/07/14	0.79		1.37		0.00		0.00		0.00		1.14		5.99		1.89		1.29		4.02	
10/08/14	0.79		1.36		0.00		0.00		0.00		1.14		5.92		1.86		1.27		4.05	
10/09/14	0.79		1.36		0.00		0.00		0.00		1.11		5.99		1.89		1.28		3.97	
10/10/14	0.79		1.37		0.00		0.00		0.00		1.12		7.09		1.88		1.28		4.00	
10/11/14	0.78		1.35		0.00		0.00		0.00		1.06		4.42		1.87		1.28		3.97	
10/12/14	0.81		1.38		0.00		0.08		0.00		1.14		5.94		1.89		1.30		3.99	
10/13/14	0.79		1.36		0.00		0.00		0.00		1.11		5.96		1.87		1.29		4.03	
10/14/14	0.81		1.36		0.00		0.00		0.00		1.14		6.00		1.88		1.29		3.93	
10/15/14	0.80		1.36		0.00		0.00		0.00		1.18		6.01		1.88		1.29		4.01	
10/16/14	0.81		1.37		0.00		0.00		0.00		1.09		6.05		1.86		1.30		4.03	
10/17/14	0.81		1.35		0.00		0.00		0.00		1.16		5.84		1.86		1.30		4.00	
10/18/14	1.01		1.36		0.00		0.00		0.00		1.14		5.38		1.86		1.30		3.99	
10/19/14	0.56		1.37		0.00		0.00		0.00		1.15		5.33		1.85		1.30		3.96	
10/20/14	0.80		1.36		0.00		0.00		0.00		1.12		5.37		1.85		1.29		3.99	
10/21/14	0.79		1.36		0.00		0.00		0.00		1.08		5.30		1.85		1.31		4.02	
10/22/14	0.81		1.37		0.00		0.00		0.00		1.16		5.31		1.85		1.30		3.95	
10/23/14	0.80		1.36		0.00		0.08		0.00		1.12		5.30		1.85		1.28		3.97	
10/24/14	0.80		1.35		0.00		0.00		0.00		1.17		5.28		1.84		1.27		3.97	
10/25/14	0.83		1.35		0.00		0.00		0.00		1.12		5.26		1.83		1.26		3.95	
10/26/14	0.86		1.37		0.00		0.00		0.00		1.09		5.70		1.86		1.29		4.07	
10/27/14	0.83		1.36		0.00		0.00		0.00		1.12		5.62		1.81		1.25		3.92	
10/28/14	0.83		1.35		0.00		0.00		0.00		1.11		5.62		1.84		1.26		3.95	
10/29/14	0.82		1.35		0.00		0.00		0.00		1.17		5.52		1.83		1.27		3.98	
10/30/14	0.77		1.34		1.17		0.00		1.85		1.05		5.55		1.83		1.26		3.93	
10/31/14	0.75		1.36		0.01		0.00		0.00		1.13		5.59		1.83		1.27		3.97	
Monthly Average	0.80		1.36		0.04		0.00		0.06		1.12		5.69		1.86		1.28		3.99	
Analytical ⁴	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 ¹	2300	8/11/2014	120	8/11/2014	NA ²	NA ²	NA ²	NA ²	140	8/14/2014	920	8/11/2014	900	8/11/2014	970	8/11/2014	830	8/11/2014	1300	8/11/2014
Hexavalent Chromium	Future Metric - Enhanced Operations																			
Total Chromium ¹	0.47	8/11/2014	0.77	8/11/2014	NA ³	NA ³	NA ³	NA ³	1.4	8/14/2014	0.16	8/11/2014	2.7	8/11/2014	6.9	8/11/2014	7.9	8/11/2014	16	8/11/2014

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading
 1: Quarterly results, most recent sampling concentrations listed (Samples will be transitioned to monthly reporting in the future)
 2: NA = Not Available. No data recorded on chain of custody log
 3: NA = Not available. No data reported from Test America
 4: Analytical results are reported from TestAmerica

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)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)
10/01/14	0.17		1.43		4.80		2.63		5.24		2.2		2.52		3.02		2.77		3.85	
10/02/14	0.18		1.44		4.80		2.63		5.23		2.21		2.52		3.02		2.77		3.83	
10/03/14	0.18		1.43		4.82		2.64		5.26		2.21		2.52		3.02		2.78		3.81	
10/04/14	0.18		1.44		4.68		2.56		5.13		2.24		2.55		3.04		2.80		3.87	
10/05/14	0.18		1.43		4.92		2.70		5.39		2.18		2.50		2.98		2.75		3.81	
10/06/14	0.18		1.44		4.79		2.62		5.26		2.21		2.53		3.01		2.78		3.84	
10/07/14	0.16		1.46		4.69		2.58		5.14		2.21		2.54		3.04		2.81		3.90	
10/08/14	0.18		1.42		4.89		2.66		5.34		2.18		2.21		2.98		2.73		3.80	
10/09/14	0.19		1.44		4.83		2.64		5.26		2.19		2.81		3.01		2.77		3.85	
10/10/14	0.18		1.44		4.82		2.63		5.24		2.2		2.52		3.00		2.78		3.85	
10/11/14	0.18		1.43		4.74		2.59		5.18		2.21		2.50		2.99		2.78		3.86	
10/12/14	0.18		1.44		4.84		2.65		5.29		2.22		2.53		3.00		2.76		3.84	
10/13/14	0.17		1.43		4.87		2.67		5.34		2.2		2.52		2.98		2.77		3.83	
10/14/14	0.17		1.44		4.77		2.62		5.23		2.21		2.51		2.99		2.77		3.85	
10/15/14	0.17		1.45		4.71		2.60		5.26		2.21		2.50		2.98		2.77		3.85	
10/16/14	0.18		1.44		4.78		2.63		5.3		2.23		2.32		2.98		2.77		3.86	
10/17/14	0.16		1.45		4.81		2.66		5.34		2.22		2.70		2.96		2.77		3.86	
10/18/14	0.16		1.46		4.25		2.36		4.73		2.24		2.51		2.96		2.79		3.89	
10/19/14	0.16		1.43		5.28		2.94		5.9		2.24		2.49		2.91		2.72		3.83	
10/20/14	0.17		1.45		1.53		2.62		5.32		2.25		2.49		2.90		2.76		3.86	
10/21/14	0.18		1.45		3.52		2.64		5.31		2.25		2.50		2.91		2.78		3.90	
10/22/14	0.16		1.43		4.74		2.62		5.27		2.27		2.52		2.89		2.75		3.81	
10/23/14	0.17		1.44		4.76		2.65		5.28		2.26		2.51		2.88		2.78		3.84	
10/24/14	0.17		1.44		4.73		2.63		5.27		2.25		2.50		2.88		2.77		3.85	
10/25/14	0.18		1.45		4.66		2.61		5.24		2.22		2.51		2.89		2.79		3.88	
10/26/14	0.17		1.46		4.78		2.69		5.4		2.24		2.58		2.94		2.79		3.91	
10/27/14	0.17		1.44		4.63		2.60		5.23		2.25		2.50		2.87		2.75		3.84	
10/28/14	0.17		1.44		4.71		2.65		5.31		2.26		2.52		2.89		2.78		3.86	
10/29/14	0.16		1.44		4.68		2.62		5.28		2.27		2.53		2.91		2.79		3.85	
10/30/14	0.17		1.44		4.67		2.62		5.28		2.28		2.52		2.90		2.77		3.83	
10/31/14	0.17		1.46		4.68		2.63		5.28		2.29		2.49		2.94		2.79		3.87	
Monthly Average	0.17		1.44		4.62		2.63		5.28		2.23		2.52		2.96		2.77		3.85	
Analytical ⁴	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 ¹	1700	8/11/2014	2200	8/11/2014	680	8/14/2014	260	8/14/2014	220	8/14/2014	990	8/11/2014	1100	8/11/2014	1200	8/11/2014	1200	8/11/2014	1400	8/11/2014
Hexavalent Chromium	Future Metric - Enhanced Operations																			
Total Chromium ¹	22	8/11/2014	20	8/11/2014	13	8/14/2014	4.4	8/14/2014	2.2	8/14/2014	0.94	8/11/2014	7.6	8/11/2014	8.9	8/11/2014	13	8/11/2014	17	8/11/2014

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading

1: Quarterly results, most recent sampling concentrations listed (Samples will be transitioned to monthly reporting in the future)

4: Analytical results are reported from TestAmerica

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)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)	Flow (gpm)	Level (ft)
10/01/14	0.47		2.59		5.30		0.42		0.88		5.71		1.06		3.11		1.40		2.75	
10/02/14	0.48		2.60		5.29		0.49		0.89		5.71		1.06		3.10		1.40		2.75	
10/03/14	0.47		2.61		5.27		0.49		0.89		5.74		1.06		3.10		1.39		2.76	
10/04/14	0.47		2.64		5.29		0.47		0.90		5.57		1.07		3.14		1.40		2.68	
10/05/14	0.47		2.60		5.16		0.48		0.89		5.85		1.06		3.06		1.38		2.82	
10/06/14	0.48		2.63		5.23		0.50		0.89		5.69		1.07		3.11		1.24		2.75	
10/07/14	0.48		2.66		5.25		0.47		0.90		5.57		1.09		3.12		1.08		2.70	
10/08/14	0.46	Future Metric - Enhanced Operations	2.63	Future Metric - Enhanced Operations	5.22	Future Metric - Enhanced Operations	0.50	Future Metric - Enhanced Operations	0.88	Future Metric - Enhanced Operations	5.76	Future Metric - Enhanced Operations	1.06	Future Metric - Enhanced Operations	3.07	Future Metric - Enhanced Operations	1.12	Future Metric - Enhanced Operations	2.80	Future Metric - Enhanced Operations
10/09/14	0.47		2.60		5.25		0.49		0.89		5.67		1.07		3.09		2.21		2.76	
10/10/14	0.47		2.62		5.26		0.47		0.88		5.65		1.07		3.09		1.43		2.75	
10/11/14	0.47		2.60		5.23		0.50		0.89		5.58		1.09		3.09		1.42		2.71	
10/12/14	0.47		2.71		5.31		0.49		0.88		5.68		1.08		3.09		1.45		2.77	
10/13/14	0.47		2.73		5.28		0.42		0.88		5.74		1.08		3.09		1.42		2.79	
10/14/14	0.47		2.74		5.19		0.50		0.88		5.61		1.08		3.08		1.43		2.74	
10/15/14	0.47		2.71		5.08		0.48		0.89		5.53		1.09		3.09		1.42		2.71	
10/16/14	0.47		2.59		5.07		0.48		0.88		5.62		1.09		3.08		1.43		2.76	
10/17/14	0.47		2.40		5.11		0.46		0.88		5.66		1.09		3.09		1.29		2.77	
10/18/14	0.47		2.36		5.13		0.50		0.90		5.00		1.10		3.10		1.59		2.46	
10/19/14	0.46		2.34		5.11		0.49		0.87		6.24		1.08		3.08		1.43		3.07	
10/20/14	0.47		2.34		5.16		0.49		0.89		5.54		1.10		3.08		1.43		2.74	
10/21/14	0.47		2.33		5.16		0.43		0.89		5.64		1.11		3.08		1.44		2.75	
10/22/14	0.46		2.36		5.19		0.55		0.88		5.58		1.10		3.08		1.47		2.74	
10/23/14	0.47		2.38		5.24		0.42		0.89		5.63		1.12		3.08		1.46		2.77	
10/24/14	0.47		2.39		5.24		0.53		0.89		5.59		1.12		3.09		1.47		2.75	
10/25/14	0.47		2.38		5.21		0.46		0.89		5.54		1.14		3.09		1.48		2.72	
10/26/14	0.47		2.56		5.23		0.45		0.89		5.72		1.10		3.13		1.49		2.81	
10/27/14	0.47		2.63		5.21		0.49		0.88		5.53		1.08		3.05		1.46		2.71	
10/28/14	0.46		2.60		5.19		0.48		0.89		5.62		1.09		3.07		1.41		2.76	
10/29/14	0.47		2.63		5.15		0.48		0.88		5.63		1.34		3.09		1.41		2.74	
10/30/14	0.46		2.63		5.14		0.49		0.89		5.64		1.28		3.07		1.40		2.73	
10/31/14	0.47		2.64		5.16		0.47		0.89		5.67		1.29		3.08		1.43		2.74	
Monthly Average	0.47		2.56		5.20		0.48		0.89		5.64		1.11		3.09		1.43		2.75	
Analytical ⁴	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 ¹	1700	8/11/2014	1600	8/11/2014	690	8/11/2014	1700	8/11/2014	1700	8/11/2014	1000	8/14/2014	1100	8/11/2014	2000	8/11/2014	1300	8/11/2014	310	8/14/2014
Hexavalent Chromium	Future Metric - Enhanced Operations																			
Total Chromium ¹	21	8/11/2014	0.55	8/11/2014	1.5	8/11/2014	23	8/11/2014	23	8/11/2014	12	8/14/2014	14	8/11/2014	11	8/11/2014	0.83	8/11/2014	8.1	8/14/2014

Notes:
 Flow reported as gpm is a daily average calculated from the totalizer reading
 1: Quarterly results, most recent sampling concentrations listed (Samples will be transitioned to monthly reporting in the future)
 4: Analytical results are reported from TestAmerica

Table 4 - Treatment Plant Operational Metrics

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics																
Date	LS #2	GWTP Effluent ¹				GW-11 Influent ²				FBR Plant Influent ³						
	Flow (gpm)	Flow (gpm)	TA - Cr (TR) (mg/L)	TA - Cr (VI) (mg/L)	TA - ClO ₂ (mg/L)	Flow (gpm)	Cr (TR) (mg/L)	Cr (VI) (mg/L)	ClO ₂ (mg/L)	Flow ³ (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)
10/01/14	868	58				0				926		103				
10/02/14	870	58	0.50	ND	1000	0				928		104				
10/03/14	882	58				0				940		103				
10/04/14	871	58				0				930	110	105				
10/05/14	884	58				0				942		105				
10/06/14	861	58				0				920		103		11	0.10	0.08
10/07/14	876	58				0				935		107				
10/08/14	873	58				0				931		105				
10/09/14	873	59	0.26	ND	1100	0				931		97				
10/10/14	873	59				0				931		103				
10/11/14	873	58				0				931	120	102				
10/12/14	873	58				0				931		104				
10/13/14	873	58				0				931		106		13	0.13	0.09
10/14/14	873	58				0				931		102				
10/15/14	873	58				0				930		123				
10/16/14	873	58	0.20	ND	950	0				931		122				
10/17/14	873	61				0				933		120				
10/18/14	873	56				0				929	110	123				
10/19/14	873	58				0				931		104				
10/20/14	873	57				0				930		99		13	0.11	0.08
10/21/14	873	58				0				931		104				
10/22/14	873	58				0				931		104				
10/23/14	873	58	0.31	ND	970	0				931		101				
10/24/14	873	58				0				931		105				
10/25/14	873	59				0				932	110	101				
10/26/14	873	58				0				930		98				
10/27/14	873	58				0				931		107		11	0.09	0.09
10/28/14	873	58				0				931		102				
10/29/14	873	59				0				932		103				
10/30/14	873	59	0.25	ND	870	0				932		103				
10/31/14	875	58				0				933		101				
Monthly Average	873	58	0.30	ND	978	0				931	113	105	200	12	0.11	0.08

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading

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

2: GW-11 currently offline. Combined LS#2 and GWTP flow is currently being sent to FBRs

3: FBR Plant Influent Flow calculated as the sum of GWTP Effluent Flow + LS2 Flow

ND = Not detected above laboratory method detection limit (ClO₂ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₃-N= 0.055 mg/L, CR(VI) = 0.25 ug/L)

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 ¹							
	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (gpm)	pH (s.u.)	ORP (mV)	Flow (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 - SO ₄ (mg/L)	ETI - Turbidity (NTU)
10/01/14		7.1	-338		6.1	-359	839		ND					14
10/02/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	845		ND					0
10/03/14		0.0	0		0.0	0	813		ND					12
10/04/14		0.0	0		0.0	0	833	ND	ND					15
10/05/14		0.0	0		0.0	0	843		ND					4
10/06/14		0.0	0		0.0	0	835		ND	0.03	ND			14
10/07/14		0.0	0		0.0	0	840		ND					11
10/08/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	853		ND	ND		1400		3
10/09/14		7.1	-384		7.1	-353	795		ND					10
10/10/14		7.1	-382		7.1	-359	789		ND					7
10/11/14		7.1	-404		7.1	-361	806	ND	ND					3
10/12/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	804		ND					14
10/13/14		7.0	-360		6.5	-359	803		ND	0.03	ND			10
10/14/14		7.0	-364		6.4	-357	791		ND					3
10/15/14		7.0	-391		6.7	-363	835		ND					0
10/16/14		6.9	-384		6.6	-363	764		ND					0
10/17/14		6.9	-398		6.6	-362	828		ND					1
10/18/14		6.8	-370		6.4	-347	826	ND	ND					0
10/19/14		6.9	-367		6.3	-346	843		ND					6
10/20/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	813		ND	0.01	ND			11
10/21/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	820		ND					19
10/22/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	834		ND					8
10/23/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	821		ND					7
10/24/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	841		ND					8
10/25/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	829	ND	ND					8
10/26/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	839		ND					9
10/27/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	834		ND	0.01	ND			9
10/28/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	839		ND					16
10/29/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	836		ND					14
10/30/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	839		ND					8
10/31/14		NA ⁴	NA ⁴		NA ⁴	NA ⁴	834		ND					8
Monthly Average		4.8	-259		4.6	-246	825	ND	ND	ND	0.02	ND	1400	8

Notes:

Flow reported as gpm is a daily average calculated from the totalizer reading

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

4: NA = Not available. No data reported due to computer outages

ND = Not detected above laboratory method detection limit (ClO₂ = 0.5 ug/L; ClO₃ = 10 ug/L; NO₃-N= 0.055 mg/L, CR(VI) = 0.25 ug/L)

GW-11 Level Monitoring		
Date	Field Measurement (ft)	Volume (MG)
10/2/2014	25.1	43.1
10/9/2014	25.3	42.8
10/17/2014	25.3	42.8
10/23/2014	25.3	42.9

GW-11 Leak Detection Monitoring				
Date	Amount Pumped (gallons)			
	NE Corner	NW Corner	SE Corner	SW Corner
10/2/2014	0	0	0	0
10/30/2014	0	0	0	0

GW-11 Composite Sample		
Analytes	Concentration	Units
Perchlorate	NA ²	mg/L
Chlorate	NA ²	mg/L
Ammonia as N	NA ²	mg/L
Total Phosphorus	NA ²	mg/L
Total Dissolved Solids (TDS)	NA ²	mg/L
Total Suspended Solids (TSS)	NA ²	mg/L
pH	NA ²	s.u.
Calcium	NA ²	mg/L
Iron	NA ²	mg/L
Chromium (total)	NA ²	mg/L
Chromium VI	NA ²	mg/L
Chloride	NA ²	mg/L
Nitrate as N	NA ²	mg/L
Sulfate	NA ²	mg/L

Notes:

1: Corner Composite Sample collected on: NA = Not Available.

2: Corner composite sample data not collected because GW-11 is currently offline. Sampling will resume when GW-11 comes online.

Nevada Environmental Response Trust Groundwater Extraction and Treatment System Enhanced Operational Metrics						
Date	Flow ² (gpm)	FBR Influent Concentration			Influent Function Load ¹ (lbs/day)	6 Month Rolling Average (lbs/day)
		ClO ₄ (mg/L)	NO ₃ as N (mg/L)	ClO ₃ (mg/L)		
Nov 2013	891	112	12.5	250	790	760
Dec 2013	905	101	12.2	230	741	759
Jan 2014	932	120	11.7	210	759	776
Feb 2014	950	113	12.0	210	762	778
Mar 2014	958	106	9.8	210	732	768
Apr 2014	966	56	4.0	110	376	693
May 2014	951	84	8.9	170	594	660
June 2014	906	123	9.0	220	735	660
July 2014	786	123	8.8	220	636	639
Aug 2014	880	116	10.6	190	663	623
Sept 2014	828	120	10.8	200	649	609
Oct 2014	825	113	12.0	200	645	654

Notes:

Concentrations and flow are presented as monthly average

1: FBR loading calculated as $[0.9 \cdot \text{NO}_3 \text{ as N} + 0.17 \cdot \text{ClO}_3 + 0.18 \cdot \text{ClO}_4 \cdot \text{Flow} \cdot 1440 / 1000000 \cdot 8.34]$

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

Figure 1 - GW-11 Pond Volume and Perchlorate Concentration

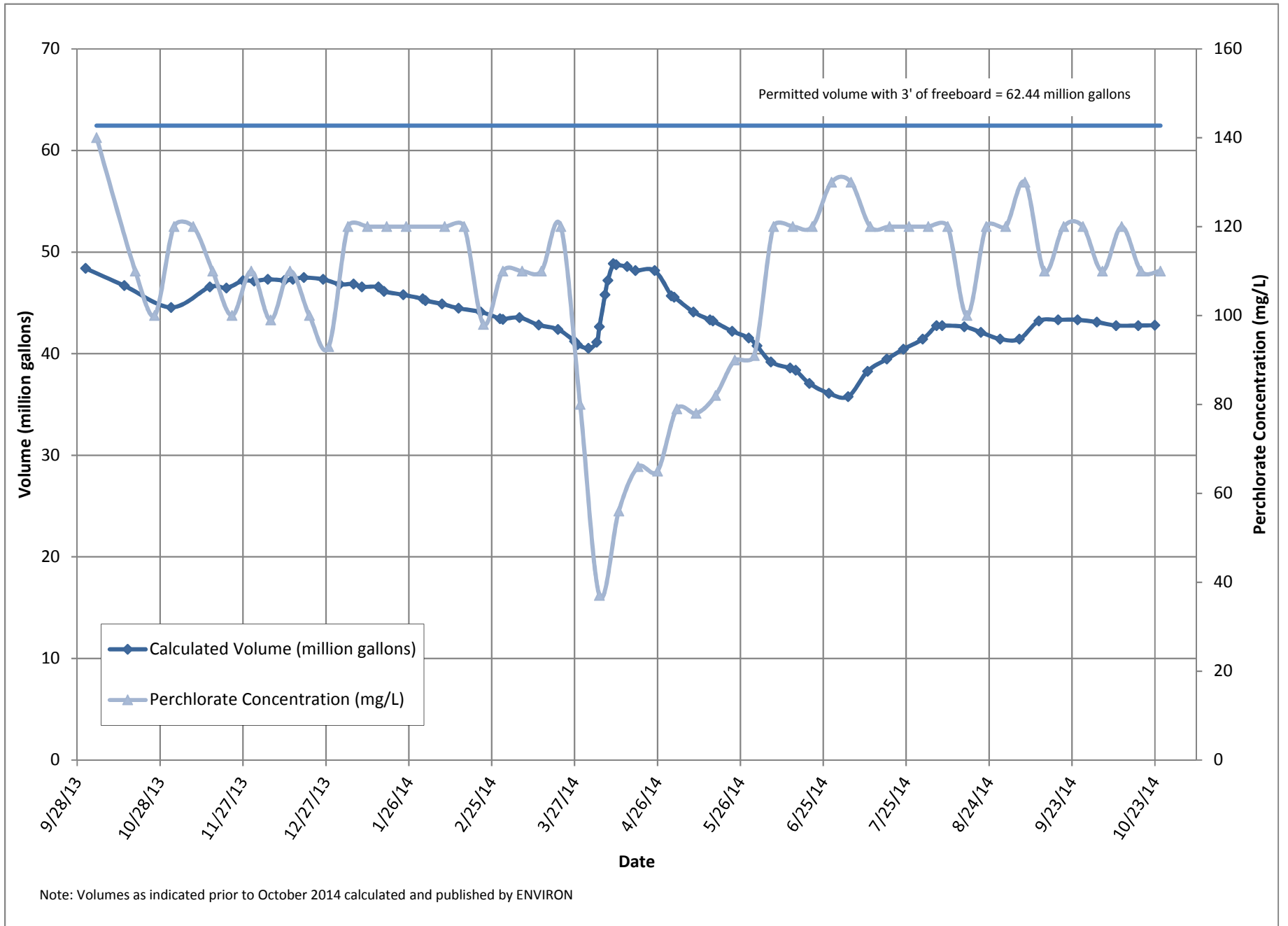
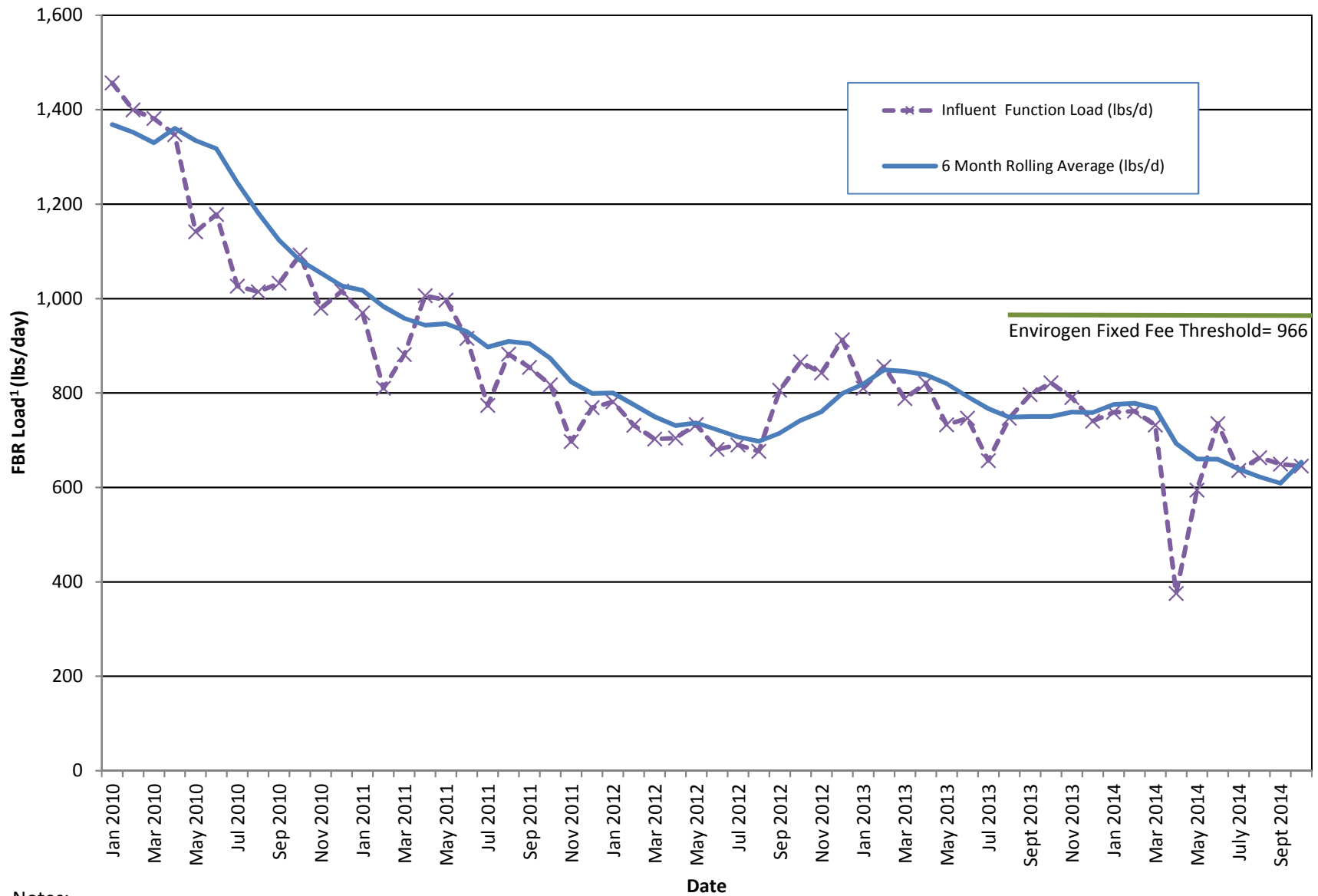


Figure 2 - FBR Equivalent Loading Calculation



Notes:

1: FBR Load calculated as $[0.9 * \text{NO}_3 \text{ as N} + 0.17 * \text{ClO}_3 + 0.18 * \text{ClO}_4 * \text{Flow} * 1440 / 1000000 * 8.34]$