

TABLE 1: INTERCEPTOR WELL FIELD DISCHARGE RATES

Nevada Environmental Response Trust Site

Henderson, Nevada

WELL ID	July 2008- June 2009 (gpm)	July 2009 - June 2010 (gpm)	July 2010 - June 2011 (gpm)	July 2011 - June 2012 (gpm)	July - December 2012 (gpm)	Well Screened In
I-AR	1.1	1.1	0.8	1.1	1.6	Qal/UMCf
I-B	1.6	2.3	2.5	1.5	1.6	Qal/UMCf
I-C	3.8	5.3	4.1	5.9	4.9	Qal/UMCf
I-D	1.4	3.1	4.2	1.3	1.6	Qal/UMCf
I-E	1.3	1.5	1.5	1.3	1.7	Qal/UMCf
I-F	6.2	6.3	4.1	5.7	4.9	Qal/UMCf
I-G	0.2	0.2	0.3	0.1	0.2	Qal/UMCf
I-H	0.8	0.9	0.9	0.9	1.0	Qal/UMCf
I-I	5.0	5.0	5.1	5.0	4.7	Qal/UMCf
I-J	8.3	7.4	7.3	6.3	6.2	Qal/UMCf
I-K	4.4	4.2	4.0	3.9	3.8	Qal/UMCf
I-L	2.0	1.6	1.5	1.9	2.1	Qal/UMCf
I-M	2.7	2.7	2.2	2.6	3.8	Qal/UMCf
I-N	3.6	3.7	3.7	3.1	3.7	Qal/UMCf
I-O	1.9	2.8	2.8	1.7	2.2	Qal/UMCf
I-P	2.9	3.8	3.4	2.1	2.9	Qal/UMCf
I-Q	0.3	0.4	0.6	0.3	0.2	Qal/UMCf
I-R	1.9	1.3	1.2	2.5	3.2	Qal/UMCf
I-S	4.0	5.9	6.1	5.2	4.5	Qal/UMCf
I-T	0.3	0.5	0.4	0.4	0.5	Qal/UMCf
I-U	0.9	0.9	0.8	0.7	0.7	Qal/UMCf
I-V	4.7	4.3	4.0	4.8	5.3	Qal/UMCf
I-Z	6.9	7.5	7.3	6.7	7.7	Qal/UMCf
TOTAL	66.3	72.8	68.9	65.1	69.0	

Notes:

gpm = gallons per minute

Qal = Quaternary Alluvium

UMCf = Upper Muddy Creek Formation (first fine-grained unit)

TABLE 2: ATHENS ROAD WELL FIELD DISCHARGE RATES

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2008- June 2009 (gpm)	July 2009 - June 2010 (gpm)	July 2010 - June 2011 (gpm)	July 2011 - June 2012 (gpm)	July - December 2012 (gpm)	Well Screened In
ART-1/1A	1.6	6.3	16.5	14.1	20.6	Qal
ART-2/2A	77.8	64.0	62.2	62.4	62.1	Qal
ART-3/3A	40.5	39.2	46.8	46.8	44.9	Qal
ART-4/4A	4.2	5.6	7.9	8.5	8.6	Qal
ART-7/7A	30.6	24.9	31.2	31.2	31.1	Qal
ART-8/8A	69.2	60.3	61.7	62.7	63.5	Qal
ART-9/ART-6 ¹	46.3	45.6	46.8	46.5e ²	50.0	Qal
TOTAL	270.3	245.9	273.1	272.2	280.7	

Notes:

ART-1, 2, 3, 4, 7 and 8 have adjacent recovery wells - "Buddy Wells" - designated by the letter "A".

¹ Starting in September 2006, ART-9 replaced the pumping of ART-6/6A due to the low water levels in that well pair. The electrical and plumbing system from ART-6A was removed and is being used in ART-9.

² The flow meter for well ART-9 malfunctioned for several days in April and May 2012. For these days, an average flow rate for well ART-9 was used to calculate the annual average (from July 2011 to June 2012).

e = estimate

gpm = gallons per minute

Qal = Quaternary Alluvium

TABLE 3: SEEP WELL FIELD DISCHARGE RATES

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2008- June 2009 (gpm)	July 2009 - June 2010 (gpm)	July 2010 - June 2011 (gpm)	July 2011 - June 2012 (gpm)	July - December 2012 (gpm)	Well Screened In
PC-116R	184.7	183.6	132.4	124.8	124.4	Qal
PC-99R2/R3 ¹	112.4	89.8	63.9	61.6	56.2	Qal
PC-115R	85.2	70.3	82.8	91.4	99.3	Qal
PC-117	86.0	81.1	99.0	92.5	124.5	Qal
PC-118	59.2	71.0	70.7	76.3	93.4	Qal
PC-119	52.2	54.0	62.8	65.1	91.5	Qal
PC-120 ²	1.2	2.0	3.2	0.0	0.0	Qal
PC-121 ²	0.7	2.6	1.0	0.0	0.0	Qal
PC-133	7.0	6.2	5.0	3.1	4.4	Qal
TOTAL	588.7	560.5	520.9	514.7	593.7	

Notes:

¹ Wells PC-99R2 and PC-99R3 are connected and operate as a single pumping well.

² Wells PC-120 and PC-121 have not been continuously pumped since October 2005 due to their low perchlorate removal efficiencies and because they are located at the end of the well line in the shallowest portion of the subsurface alluvial channel.

gpm = gallons per minute

Qal = Quaternary Alluvium

TABLE 4: MONTHLY WELL FIELD EXTRACTION RATES, JULY - DECEMBER 2012

Nevada Environmental Response Trust Site
Henderson, Nevada

Well	July 2012 (gpm)	August 2012 (gpm)	September 2012 (gpm)	October 2012 (gpm)	November 2012 (gpm)	December 2012 (gpm)
Interceptor Well Field (IWF)						
I-A-R	1.1	1.1	2.0	2.0	1.7	1.6
I-B	1.3	1.2	1.5	1.7	2.1	2.0
I-C	5.1	5.2	6.0	2.9	4.2	5.9
I-D	0.8	0.9	2.2	2.3	1.7	1.7
I-E	1.2	1.2	1.5	1.9	2.1	2.2
I-F	5.5	5.5	4.6	5.5	4.3	3.9
I-G	0.2	0.2	0.2	0.3	0.3	0.2
I-H	0.8	0.9	1.0	1.3	1.0	1.0
I-I	5.1	5.0	4.9	4.9	3.6	4.7
I-J	5.9	6.0	6.9	7.5	5.5	5.5
I-K	3.9	3.6	4.1	5.1	3.0	2.9
I-L	2.0	2.1	1.2	1.7	2.3	3.2
I-M	2.8	2.7	3.3	4.3	4.9	5.0
I-N	3.0	3.0	4.7	4.6	3.6	3.5
I-O	1.0	1.1	2.0	2.6	3.1	3.2
I-P	1.8	1.8	2.6	3.2	3.8	4.1
I-Q	0.2	0.2	0.1	0.2	0.1	0.1
I-R	2.8	2.8	3.2	3.8	3.3	3.3
I-S	5.0	5.2	7.6	4.0	2.5	2.9
I-T	0.4	0.4	0.5	0.6	0.6	0.6
I-U	0.5	0.4	0.7	0.9	1.0	1.0
I-V	5.3	5.4	5.4	5.2	5.3	5.3
I-Z	6.3	6.4	7.6	8.1	8.8	8.9
Total for IWF:	61.8	62.4	73.7	74.4	68.6	72.8
Athens Road Well Field (AWF)						
ART-1/1A	15.6	15.6	22.0	23.4	23.4	23.4
ART-2/2A	62.3	61.7	62.5	61.7	62.3	62.2
ART-3/3A	46.7	41.7	46.9	40.8	46.7	46.7
ART-4/4A	7.8	8.0	8.6	9.3	9.3	8.6
ART-7/7A	31.1	30.9	31.2	30.8	31.1	31.1
ART-8/8A	62.3	68.5	62.5	63.1	62.3	62.2
ART-9/ART-6	45.7	45.9	47.1	49.6	55.7	56.1
Total for IWF:	271.5	272.2	280.7	278.7	290.9	290.3
Seep Well Field (SWF)						
PC-116R	124.2	124.2	123.6	124.7	125.0	124.9
PC-99R2/R3	56.2	54.4	56.8	56.9	56.5	56.3
PC-115R	95.8	94.2	108.4	104.9	99.2	93.3
PC-117	124.4	124.3	123.8	124.8	125.0	124.9
PC-118	93.3	93.2	92.8	93.6	93.8	93.7
PC-119	92.2	84.0	92.7	93.4	93.3	93.1
PC-120 ¹	0.0	0.1	0.0	0.0	0.0	0.0
PC-121 ¹	0.0	0.1	0.0	0.0	0.0	0.0
PC-133	4.4	4.4	4.4	4.5	4.4	4.2
Total for SWF:	590.4	578.8	602.4	602.8	597.2	590.5

Notes:

gpm = gallons per minute

² Wells PC-120 and PC-121 have not been continuously pumped since October 2005 due to their low perchlorate removal efficiencies and because they are located at the end of the well line in the shallowest portion of the subsurface alluvial channel.

TABLE 5: CHROMIUM TREATMENT DATA FOR GWTP, JULY - DECEMBER 2012
Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Average Flow to GWTP (MM Gals)	Average Total Cr Inflow (mg/L)	Average Total Cr Outflow ¹ (mg/L)	Average Cr VI Outflow ¹ (mg/L)	Average Total Cr Removed (lbs/day)	Total Cr Removed (lbs/month)
July	2.76	10.0	0.161	0.003	7.423	230
August	2.79	10.1	0.098	0.004	7.555	234
September	3.18	8.7	0.120	0.003	7.694	231
October	3.32	10.5	0.161	0.010	9.357	290
November	2.96	10.3	0.192	0.030	8.479	254
December	3.25	9.7	0.123	0.003	8.430	261

Total: 1,500

Notes:

¹ Treated Outflow is directed to Bioplant Equalization Area and Carbon Treatment before being fed to the Fluidized Bed Reactors (FBRs).

Cr = chromium

Cr VI = hexavalent chromium

gpm = gallons per minute

GWTP = groundwater treatment plant

lbs = pounds

mg/L = milligrams per liter

MM gals = million gallons

TABLE 6: WEEKLY CHROMIUM IN FBR INFLUENT AND EFFLUENT, JULY - DECEMBER 2012

**Nevada Environmental Response Trust Site
Henderson, Nevada**

Sample Date	Influent/ Effluent	Total Chromium EPA 200.7 (mg/L)	Total Chromium SQL (mg/L)	Hexavalent Chromium EPA 218.6 (mg/L)	Hexavalent Chromium SQL (mg/L)
7/2/2012	INFLUENT	0.049	0.00044	0.046	0.000045
7/2/2012	EFFLUENT	0.0063 J	0.00044	<0.000009	0.000009
7/9/2012	INFLUENT	0.056	0.00044	0.05	0.000045
7/9/2012	INFLUENT	0.08	0.000088	0.05	0.000045
7/9/2012	EFFLUENT	0.0077 J	0.00044	<0.000009	0.000009
7/9/2012	EFFLUENT	0.0084	0.000088	<0.000009	0.000009
7/16/2012	INFLUENT	0.045	0.00044	0.046	0.000045
7/16/2012	EFFLUENT	0.0069 J	0.00044	<0.000009	0.000009
7/23/2012	INFLUENT	0.029	0.00044	0.025	0.000045
7/23/2012	EFFLUENT	0.0043 J	0.00044	<0.000009	0.000009
7/30/2012	INFLUENT	0.056	0.00044	0.052	0.000045
7/30/2012	EFFLUENT	0.0062 J	0.00044	0.000057	0.000009
8/6/2012	INFLUENT	0.052	0.00044	0.049	0.000045
8/6/2012	EFFLUENT	0.0080 J	0.00044	<0.000009	0.000009
8/13/2012	INFLUENT	0.054	0.00044	0.051	0.000045
8/13/2012	EFFLUENT	0.0074 J	0.00044	0.000021	0.000009
8/20/2012	INFLUENT	0.059	0.00044	0.053	0.000225
8/20/2012	EFFLUENT	0.0062 J	0.00044	0.000072	0.000009
8/27/2012	INFLUENT	0.050	0.00044	0.047	0.000045
8/27/2012	EFFLUENT	0.0084 J	0.00044	0.000071	0.000009
9/4/2012	INFLUENT	0.0081 J	0.00044	0.0054	0.000045
9/4/2012	EFFLUENT	0.012	0.00044	0.00023	0.000009
9/10/2012	INFLUENT	0.077	0.00044	0.074	0.000045
9/10/2012	EFFLUENT	0.0090 J	0.00044	0.000079	0.000009
9/17/2012	INFLUENT	0.0034 J	0.00044	0.016	0.000045
9/17/2012	EFFLUENT	0.0068 J	0.00044	0.000049	0.000009
9/24/2012	INFLUENT	0.061	0.00044	0.06	0.000045
9/24/2012	EFFLUENT	0.0089 J	0.00044	<0.000009	0.000009
10/1/2012	INFLUENT	0.090	0.00044	0.077	0.00009
10/1/2012	EFFLUENT	0.0095 J	0.00044	<0.000009	0.000009
10/8/2012	INFLUENT	0.053	0.00044	0.044	0.000045
10/8/2012	INFLUENT	0.052	0.000088	0.044	0.000045
10/8/2012	EFFLUENT	0.011	0.00044	0.000052	0.000009
10/8/2012	EFFLUENT	0.013	0.000088	0.000052	0.000009
10/15/2012	INFLUENT	0.014	0.00044	0.01	0.000045
10/15/2012	EFFLUENT	0.0078 J	0.00044	<0.000009	0.000009
10/22/2012	INFLUENT	0.12	0.00044	0.1	0.00009
10/22/2012	EFFLUENT	0.011 J	0.00088	<0.000009	0.000009
10/29/2012	INFLUENT	0.067	0.00088	0.064	0.000045
10/29/2012	EFFLUENT	0.010	0.00044	<0.000009	0.000009
11/5/2012	INFLUENT	0.090	0.00088	0.086	0.000045
11/5/2012	EFFLUENT	0.0069 J	0.00088	<0.000009	0.000009
11/12/2012	INFLUENT	0.34	0.00088	0.34	0.000225
11/12/2012	EFFLUENT	0.013 J	0.00088	0.00025	0.000009
11/19/2012	INFLUENT	0.054	0.00088	0.049	0.000045
11/19/2012	EFFLUENT	0.0043 J	0.00088	<0.000009	0.000009

TABLE 6: WEEKLY CHROMIUM IN FBR INFLUENT AND EFFLUENT, JULY - DECEMBER 2012

**Nevada Environmental Response Trust Site
Henderson, Nevada**

Sample Date	Influent/ Effluent	Total Chromium EPA 200.7 (mg/L)	Total Chromium SQL (mg/L)	Hexavalent Chromium EPA 218.6 (mg/L)	Hexavalent Chromium SQL (mg/L)
11/26/2012	INFLUENT	0.066	0.00044	0.062	0.000045
11/26/2012	EFFLUENT	0.0091 J	0.00088	0.000096	0.000009
12/3/2012	INFLUENT	0.091	0.00088	0.082	0.000045
12/3/2012	EFFLUENT	0.0098 J	0.00088	0.000045	0.000009
12/10/2012	INFLUENT	0.080	0.00088	0.078	0.000045
12/10/2012	EFFLUENT	0.017 J	0.00088	<0.000009	0.000009
12/17/2012	INFLUENT	0.097	0.00088	0.089	0.000045
12/17/2012	EFFLUENT	0.013 J	0.00088	0.000047	0.000009
12/26/2012	INFLUENT	0.080	0.00088	0.071	0.000045
12/26/2012	EFFLUENT	0.015 J	0.00088	<0.000009	0.000009

Notes:

FBR = Fluidized Bed Reactor

J = Estimated Concentration

mg/L = milligrams per liter

SQL = Sample Quantitation Limit

TABLE 7: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site

Henderson, Nevada

Date	Seep Wells and Seep (lbs/day)	Athens Road Well Field (lbs/day)	Interceptor Well Field (lbs/day)	Total (lbs/day)	Total Tons Removed (per month)
OCT 2002 ¹	495	331	1,402	2,228	34.5
NOV 2002	422	1,001	1,146	2,569	38.5
DEC 2002	208	1,164	1,292	2,664	41.3
JAN 2003	408	1,077	1,467	2,952	45.7
FEB 2003	482	785	1,060	2,327	32.6
MAR 2003 ²	576	806	1,067	2,449	38.0
APR 2003	664	708	1,033	2,405	36.1
MAY 2003	640	728	1,148	2,517	39.0
JUN 2003	628	909	1,098	2,634	39.5
JUL 2003	550	764	1,034	2,348	36.4
AUG 2003	431e	742	999	2,172e	33.7e
SEP 2003	415	769	937	2,121	31.8
OCT 2003	370	767	1,003	2,140	33.2
NOV 2003	337	714	949	2,000	30.0
DEC 2003	318	734	932	1,984	30.8
JAN 2004	306	690	938	1,934	30.0
FEB 2004	322	652	881	1,856	26.9
MAR 2004	221	742	917	1,879	29.1
APR 2004	151	735	854	1,740	26.1
MAY 2004	122	741	890	1,753	27.2
JUN 2004	157	753	978	1,888	28.3
JUL 2004	195	758	985	1,938	30.0
AUG 2004	201	803	941	1,945	30.2
SEP 2004	169	835	970	1,973	29.6
OCT 2004	262	799	1,038	2,099	32.5
NOV 2004	168	814	1,016	1,997	30.0
DEC 2004	122	811	917	1,850	28.7
JAN 2005	142	776	993	1,910	29.6
FEB 2005	139e	762e	942	1,843e	25.8e
MAR 2005	158	781	964	1,902	29.5
APR 2005	145	787	971	1,904	28.6
MAY 2005	152	756	966	1,875	29.1
JUN 2005 ³	151	792	970	1,913	28.7
JUL 2005	154	769	1,060	1,983	30.7
AUG 2005	135	800	1,092	2,028	31.4
SEP 2005	85	806	1,122	2,013	30.2
OCT 2005	99	797	1,060	1,957	30.3
NOV 2005	111	773	1,072	1,956	29.3
DEC 2005	121	726	1,123	1,971	30.5
JAN 2006	141	750	984	1,875	29.1
FEB 2006	120	778	978	1,876	26.3
MAR 2006	107	736	967	1,810	28.1
APR 2006	129	755	1,011	1,895	28.4
MAY 2006	131	713	945	1,789	27.7
JUN 2006	135	753	874	1,762	26.4
JUL 2006	123	647	920	1,690	26.2
AUG 2006	141	652	918	1,710	26.5
SEP 2006 ⁴	142	762	1,045	1,949	29.2

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Henderson, Nevada

Date	Seep Wells and Seep (lbs/day)	Athens Road Well Field (lbs/day)	Interceptor Well Field (lbs/day)	Total (lbs/day)	Total Tons Removed (per month)
OCT 2006	134	778	1,018	1,930	29.9
NOV 2006	101	714	867	1,682	25.2
DEC 2006	121	745	870	1,736	26.9
JAN 2007	100	786	948	1,833	28.4
FEB 2007	89	736	871	1,695	23.7
MAR 2007	88	689	915	1,693	26.2
APR 2007	89	689	896	1,675	25.1
MAY 2007	102	699	890	1,690	26.2
JUN 2007	91	642	832	1,565	23.5
JUL 2007	67	659	912	1,638	25.4
AUG 2007	55	632	840	1,527	23.7
SEP 2007	53	631	842	1,526	22.9
OCT 2007	53	686	841	1,580	24.5
NOV 2007	55	682	762	1,500	22.5
DEC 2007	59	664	742	1,465	22.7
JAN 2008	58	633	873	1,565	24.3
FEB 2008	63	656	861	1,580	22.9
MAR 2008	60	666	865	1,591	24.7
APR 2008	54	656	851	1,561	23.4
MAY 2008	46	627	721	1,394	21.6
JUN 2008	44	637	732	1,413	21.2
JUL 2008	54	673	817	1,544	23.9
AUG 2008	59	691	945	1,695	26.3
SEP 2008	56	639	798	1,493	22.4
OCT 2008	51	626	801	1,477	22.9
NOV 2008	48	643	807	1,497	22.5
DEC 2008	58	678	809	1,544	23.9
JAN 2009	44	659	864	1,567	24.3
FEB 2009	32	622	796	1,450	20.3
MAR 2009	36	723	865	1,624	25.2
APR 2009	32	685	833	1,550	23.2
MAY 2009	35	655	835	1,525	23.6
JUN 2009	36	611	866	1,512	22.7
JUL 2009	40	571e	833	1,444e	22.4e
AUG 2009	43	652	859	1,554	24.1
SEP 2009	48	671	938	1,657	24.9
OCT 2009	44	625	847	1,516	23.5
NOV 2009	47	613	894	1,554	23.3
DEC 2009	49	635	891	1,575	24.4
JAN 2010	55	661	912	1,629e	25.2e
FEB 2010	53	675	853	1,581e	22.1e
MAR 2010	49	629	949	1,626e	25.2e
APR 2010	50	630	926	1,607	24.1
MAY 2010	53	758	983	1,794	27.8
JUN 2010	53	733	942	1,728	25.9
JUL 2010	46	652	838	1,535	23.8
AUG 2010	44	658	846	1,548	24.0
SEP 2010	42	728	833	1,602	24.0

TABLE 7: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site

Henderson, Nevada

Date	Seep Wells and Seep (lbs/day)	Athens Road Well Field (lbs/day)	Interceptor Well Field (lbs/day)	Total (lbs/day)	Total Tons Removed (per month)
OCT 2010	50	634	794	1,478	22.9
NOV 2010	50	635	761	1,446	21.7
DEC 2010	42	636	690	1,368	21.2
JAN 2011	32	598	735	1,364	21.1
FEB 2011	40	588	709	1,336	18.7
MAR 2011	43	634	733	1,410	21.8
APR 2011	48	616	791	1,455	21.8
MAY 2011	57	632	734	1,423	22.1
JUN 2011	46	639	754	1,438	21.6
JULY 2011	41	646	756	1,443	22.4
AUG 2011	39	630	768	1,438	22.3
SEP 2011	41	619	751	1,410	21.2
OCT 2011	41	585	691	1,317	20.4
NOV 2011	41	570	696	1,307	19.6
DEC 2011	38	567	659	1,263	19.6
JAN 2012	41	606	694	1,341	20.8
FEB 2012	44	669	726	1,439	20.9
MAR 2012	46	623	720	1,389	21.5
APR 2012	44e	607e	686	1,337e	20.0e
MAY 2012	47e	665e	687	1,399e	21.7e
JUN 2012	48e	641	541	1,229e	18.4e
JULY 2012	52e	635	661	1,348e	20.9e
AUG 2012	48e	601	655	1,304e	20.2e
SEP 2012	61e	626	1,042	1,728e	25.9e
OCT 2012	65e	621	1,294	1,980e	30.7e
NOV 2012	63e	609	1,145	1,817e	27.2e
DEC 2012	58e	619	1,301	1,978e	30.7e

Notes:¹ Athens Rd recovery wells began full time operation on 10/22/02.² Five new Seep Area recovery wells began operation on 3/24/03.³ One new Seep Area recovery well began operation on 6/21/05.⁴ One new Athens Rd recovery well began full time operation on 9/8/06.

lbs/day = pounds per day

e=estimate; due to malfunctioning flow meters, the flow rate for one or more wells in the well field was manually adjusted in the spreadsheet to calculate an average flow rate. The adjusted flow rate was used to calculate the perchlorate mass removal.

In some cases, the monthly perchlorate mass removal numbers in this table differ slightly from those presented in previous reports due to minor corrections made in the historical calculations. These adjustments did not substantively affect the mass removal numbers.

TABLE 8: WEEKLY PERCHLORATE IN FBR INFLUENT AND EFFLUENT, JULY - DECEMBER 2012

**Nevada Environmental Response Trust Site
Henderson, Nevada**

Sample Date	Influent/Effluent Weekly Composite	Perchlorate EPA 314 (mg/L)	Perchlorate SQL (mg/L)
7/7/2012	INFLUENT	100	1.27
7/7/2012	INFLUENT	98	1.27
7/7/2012	EFFLUENT	0.22	0.00127
7/7/2012	EFFLUENT	0.22	0.00127
7/14/2012	INFLUENT	110	1.27
7/14/2012	EFFLUENT	<0.000508	0.000508
7/21/2012	INFLUENT	120	1.27
7/21/2012	EFFLUENT	<0.00127	0.00127
7/28/2012	INFLUENT	100	1.27
7/28/2012	EFFLUENT	<0.000508	0.000508
8/4/2012	INFLUENT	100	1.27
8/4/2012	EFFLUENT	<0.000508	0.000508
8/11/2012	INFLUENT	100	1.27
8/11/2012	EFFLUENT	<0.000508	0.000508
8/18/2012	INFLUENT	100	1.27
8/18/2012	EFFLUENT	<0.000508	0.000508
8/25/2012	INFLUENT	100	1.27
8/25/2012	EFFLUENT	<0.000508	0.000508
9/1/2012	INFLUENT	100	1.27
9/1/2012	EFFLUENT	<0.000508	0.000508
9/8/2012	INFLUENT	98	1.27
9/8/2012	EFFLUENT	<0.000508	0.000508
9/15/2012	INFLUENT	130	1.27
9/15/2012	EFFLUENT	<0.000508	0.000508
9/22/2012	INFLUENT	110	1.27
9/22/2012	EFFLUENT	<0.000508	0.000508
9/29/2012	INFLUENT	150	2.54
9/29/2012	EFFLUENT	<0.000508	0.000508
10/6/2012	INFLUENT	150	1.27
10/6/2012	EFFLUENT	<0.000508	0.000508
10/13/2012	INFLUENT	150	1.27
10/13/2012	EFFLUENT	<0.000508	0.000508
10/20/2012	INFLUENT	150	1.27
10/20/2012	EFFLUENT	0.002 J	0.000508
10/27/2012	INFLUENT	150	1.27
10/27/2012	EFFLUENT	<0.000508	0.000508
11/3/2012	INFLUENT	150	1.27
11/3/2012	EFFLUENT	<0.000508	0.000508
11/10/2012	INFLUENT	140	1.27
11/10/2012	EFFLUENT	0.0038 J	0.00127

TABLE 8: WEEKLY PERCHLORATE IN FBR INFLUENT AND EFFLUENT, JULY - DECEMBER 2012

Nevada Environmental Response Trust Site
Henderson, Nevada

Sample Date	Influent/Effluent	Perchlorate EPA 314 (mg/L)	Perchlorate SQL (mg/L)
11/17/2012	INFLUENT	160	1.27
11/17/2012	EFFLUENT	<0.000508	0.000508
11/24/2012	INFLUENT	150	1.27
11/24/2012	EFFLUENT	<0.000508	0.000508
12/1/2012	INFLUENT	170	1.27
12/1/2012	EFFLUENT	<0.00127	0.00127
12/8/2012	INFLUENT	170	1.27
12/8/2012	EFFLUENT	<0.000508	0.000508
12/15/2012	INFLUENT	170	1.27
12/15/2012	EFFLUENT	<0.000508	0.000508
12/22/2012	INFLUENT	170	1.27
12/22/2012	EFFLUENT	<0.000508	0.000508

Notes:

FBR = Fluidized Bed Reactor

J = Estimated Concentration

mg/L = milligrams per liter

SQL = Sample Quantitation Limit