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**LOST CREEK ISR, LLC**

October 30, 2015

UIC Program Supervisor  
WDEQ – Water Quality Division  
Herschler Building – 4W  
122 W. 25<sup>th</sup> Street  
Cheyenne, WY 82002

**RE: Quarterly Report for 3rd Quarter 2015**  
**UIC Class I Permit 13-409**  
**Lost Creek ISR Project, Sweetwater County, WY**

Dear Program Supervisor,

The attached Quarterly Report for the Lost Creek ISR Project has been submitted in accordance with the requirements of Class I Underground Injection Control (UIC) Permit 13-409 Section K. The reporting period for this Quarterly Report is the third calendar quarter of 2015 from July 1 to September 30, 2015.

If you have any questions regarding this submittal, please contact me at the Casper Office.

Regards,

Michael Gaither  
Manager EHS and Regulatory Affairs  
Ur-Energy USA, Inc.

**Attachments: UIC Class I Quarterly Report**

**Cc: Theresa Horne, Ur-Energy, Littleton Office (via e-mail)**  
**Brian Wood, WDEQ-LQD, Lander (via e-mail)**  
**John Saxton, NRC Project Manager (via e-mail)**

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**UIC CLASS I QUARTERLY REPORT  
for the  
LOST CREEK ISR PROJECT  
3rd Quarter 2015**



**LOST CREEK ISR, LLC  
SWEETWATER COUNTY, WY**

**UIC PERMIT 13-409**

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**Prepared by Ur-Energy for  
Wyoming Department of Environmental Quality -  
Water Quality Division – Underground Injection Control**

**October 30, 2015**



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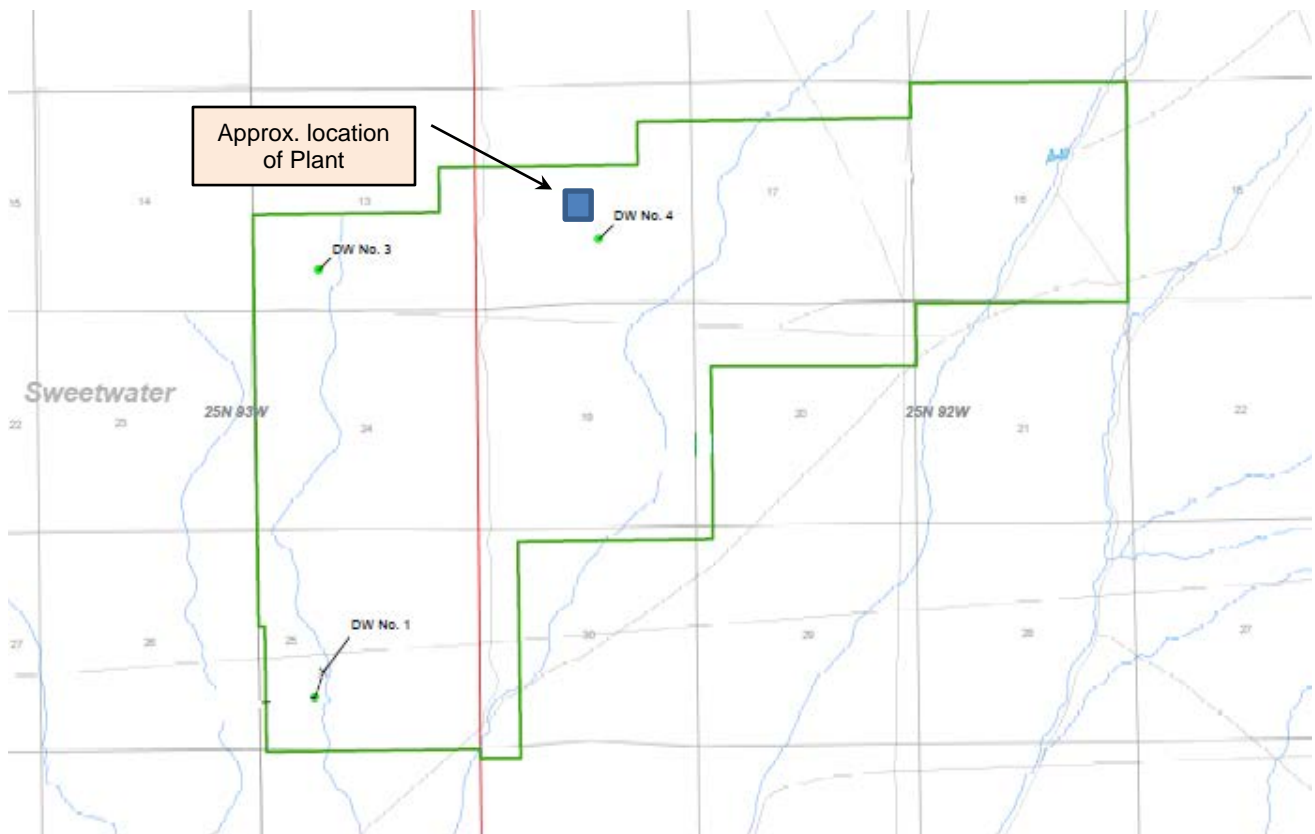


## 1.0 Introduction

The period covered by this report is the second calendar quarter of 2015 from April 1 to June 30.

Three disposal wells were operational as of the end of the reporting period: LC DW No. 1 (“DW-1”), LC DW No. 3 (“DW-3”), and LC DW No. 4 (“DW-4”). Well locations (labeled) are shown below in relation to the Permit to Mine boundary (green line):

**FIGURE 1: Well Locations**



DW-1, DW-3, and DW-4 were operated intermittently during the quarter. Operational data was monitored and recorded electronically with redundant data logging.

As per permit requirements, the following elements from Section K(6) of the UIC Permit have been included in this report:

- a.** *Minimum, volume-weighted average, and maximum instantaneous injection rates for each well for each month*
- b.** *Minimum, average, and maximum daily injection pressures for each well for each month*



- c. Total injection volume in barrels (bbl) for each well for each month, total for the quarter, and cumulative volume of waste injected to date.
- d. Maximum and minimum annulus pressures for each month with alarm/kill pressure value
- e. Quarterly analytical results
- f. Permit exceedances during the quarter
- g. Any alarms or shutdowns and corrective actions
- h. Summary of well tests or workovers

## 2.0 Summary Data

Tables 1A, 1B and 2 below provide a data summary for above items **a**, **c**, and **d** above. Data for item **b** above is provided in **Appendix 1** including tables and charts of the daily injection pressure values.

**Table 1A: Operational Data Summary for DW-1**

PARAMETER	UNITS	LC DW No. 1			
		July 2015	August 2015	September 2015	Quarter Total/Avg
Operation Time	min	23337	21323	24453	23038
% Run Time	%	52%	48%	57%	1
Injection Rate Minimum Instantaneous	gpm	0	0	0	0
Injection Rate Average (TWA)	gpm	2	2	1	2
Injection Rate Maximum Instantaneous	gpm	9	5	3	9
Injection Rate Maximum Permit Limit	gpm	<b>50</b>			<b>50</b>
Injection Pressure Daily Minimum	psig	0	0	387	0
Injection Pressure Daily Average	psig	534	514	567	538
Injection Pressure Daily Maximum	psig	597	600	606	606
Injection Pressure Permit Limit (LSIP)	psig	<b>609</b>			<b>609</b>
Injection Pressure Automatic Kill	psig	<b>600</b>			<b>600</b>
Injection Volume	gal	58210	50523	34078	142810
Injection Volume	bbl	1386	1203	811	3400
Annulus Pressure Minimum	psig	281	208	203*	203
Annulus Pressure Average	psig	293	290	283*	289
Annulus Pressure Maximum	psig	309	309	306*	309
Annulus Pressure Permit Limit	psig	<b>200-800</b>			<b>200-800</b>
Annulus Pressure Automatic Kill	psig	N/A			N/A

*\*Data combined from digital data and manual readings (See Section 5.0)*



**Table 1B: Operational Data Summary for DW-3**

PARAMETER	UNITS	LC DW No. 3			
		July 2015	August 2015	September 2015	Quarter Total/Avg
Operation Time	min	29631	22023	30560	27405
% Run Time	%	66%	49%	71%	1
Injection Rate Minimum Instantaneous	gpm	0	0	0	0
Injection Rate Average (TWA)	gpm	11	19	8	13
Injection Rate Maximum Instantaneous	gpm	22	24	21	9
Injection Rate Maximum Permit Limit	gpm	<b>50</b>			<b>50</b>
Injection Pressure Daily Minimum	psig	662	0	567	0
Injection Pressure Daily Average	psig	814	747	704	755
Injection Pressure Daily Maximum	psig	937	855	820	606
Injection Pressure Permit Limit (LSIP)	psig	<b>915</b>			<b>915</b>
Injection Pressure Automatic Kill	psig	<b>910</b>			<b>910</b>
Injection Volume	gal	329412	425450	244996	999858
Injection Volume	bbl	7843	10130	5833	23806
Annulus Pressure Minimum	psig	263	264	265	263
Annulus Pressure Average	psig	272	276	278	275
Annulus Pressure Maximum	psig	284	284	288	288
Annulus Pressure Permit Limit	psig	<b>200-800</b>			<b>200-800</b>
Annulus Pressure Automatic Kill	psig	N/A			N/A



**Table 1C: Operational Data Summary for DW-4**

PARAMETER	UNITS	LC DW No. 4			
		July 2015	August 2015	September 2015	Quarter Total/Avg
Operation Time	min	25238	20802	35273	27104
% Run Time	%	57%	47%	82%	1
Injection Rate Minimum Instantaneous	gpm	0	0	0	0
Injection Rate Average (TWA)	gpm	12	14	15	14
Injection Rate Maximum Instantaneous	gpm	26	15	16	9
Injection Rate Maximum Permit Limit	gpm	<b>50</b>			<b>50</b>
Injection Pressure Daily Minimum	psig	0	578	0	0
Injection Pressure Daily Average	psig	710	740	779	743
Injection Pressure Daily Maximum	psig	814	819	833	606
Injection Pressure Permit Limit (LSIP)	psig	<b>838</b>			<b>838</b>
Injection Pressure Automatic Kill	psig	<b>830</b>			<b>830</b>
Injection Volume	gal	297055	297772	512821	1107648
Injection Volume	bbl	7073	7090	12210	26373
Annulus Pressure Minimum	psig	276	281	279	263
Annulus Pressure Average	psig	299	297	298	298
Annulus Pressure Maximum	psig	321	323	320	288
Annulus Pressure Permit Limit	psig	<b>200-800</b>			<b>200-800</b>
Annulus Pressure Automatic Kill	psig	N/A			N/A

**Table 2: Cumulative Injection Volumes to Date**

TIME PERIOD	UNITS	LC DW No. 1	LC DW No. 3	LC DW No. 4
2013	bbl	14,625	N/A	6,471
2014	bbl	31,278	8,239	164,694
2015 1 <sup>st</sup> Quarter	bbl	3,864	42,561	19,702
2015 2 <sup>nd</sup> Quarter	bbl	4,894	31,486	27,784
2015 3 <sup>rd</sup> Quarter	bbl	3,400	23,806	26,373
<b>CUMULATIVE TOTAL TO DATE</b>	<b>bbl</b>	<b>58,061</b>	<b>106,092</b>	<b>245,023</b>



### 3.0 Analytical Results

A quarterly grab sample of the injectate was collected from the Plant outflow upstream of the branch points to each individual well. Samples were analyzed for all applicable parameters with the exception of temperature. The individual that collected the sample did not measure pH, conductivity, or temperature with a field meter during sampling. The pH and conductivity were, however, analyzed by the laboratory. Results of the analysis of the injectate are summarized in **Table 3** below and the associated lab report is included as **Appendix 2**:

**Table 3: Analytical Results Summary**

Sample ID: DW-Injectate			
Sample Date: 9/22/2015			
Lab Analyte or Parameter	Method Used	Results	Units
pH, field	SM4500-H <sup>+</sup> B	6.51	s.u.
Specific Cond. at 25°C, field	120.1	>19,900	uS/cm
Temperature, field	SM2550B	17.9	°C
Specific Gravity	n/a	1.017	- -
Total Dissolved Solids	SM2540C	25,300	mg/L
Bicarbonate	SM2320B	279	mg/L
Carbonate	SM2320B	ND(5)	mg/L
Chloride, total	300.0	16,500	mg/L
Sulfate, total	300.0	586	mg/L
Sulfide (as hydrogen sulfide)	A4500-S F	ND(1)	mg/L
Arsenic, dissolved	200.8	ND(0.01)	mg/L
Selenium, dissolved	200.8	0.18	mg/L
Vanadium, dissolved	200.8	ND(0.09)	mg/L
Uranium, total	200.7	10.6	mg/L
Radium-226, total	E903.0	3,320	pCi/L

The only constituent with a limit as defined in the Permit is pH which must have a value between 2.0 and 12.5. The determined value for pH of 6.51 was within the limit. The conductivity of the sample was greater than the limit of the field meter (19,900 uS/cm).

### 4.0 Permit Exceedances

There were no exceedances of Permit-defined limits for DW-4. There were no exceedances for DW-1 and DW-3 under normal operations but exceedances did occur during pressure shutoff testing. The following exceedances summarized on **Table 4** below occurred during the reporting quarter.



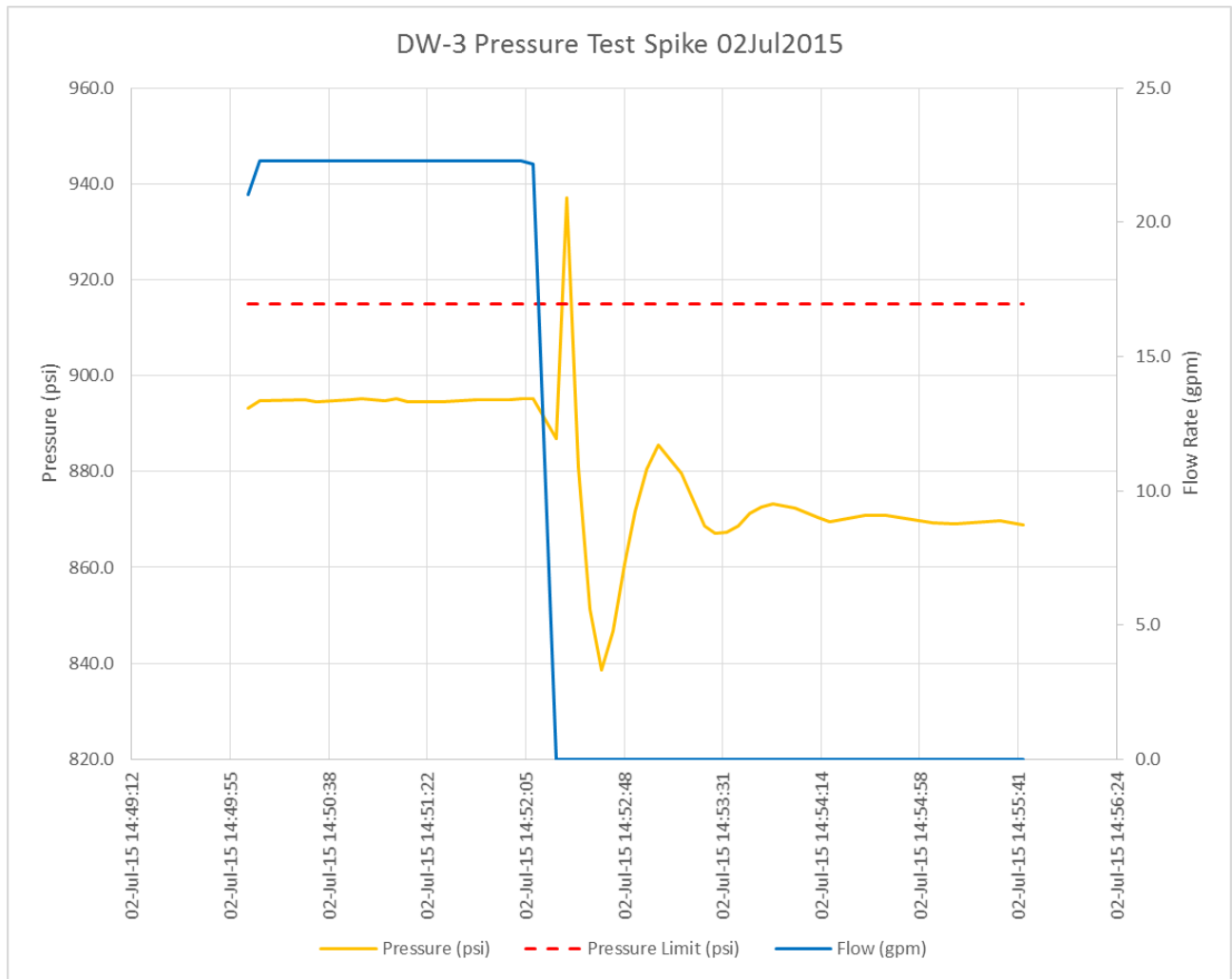


**TABLE 4: Summary of Exceedances**

Event	Well	Date	Limit Exceeded	Peak Value	Permit Limit	Comment
1	DW-3	7/2/2015	Inj. Pressure	937	915	Pressure limit exceeded briefly during pressure switch testing

**Event 1:**

The pressure exceedance occurred during pressure testing that carried over from the previous quarter. The peak is shown in the graph below:





## 5.0 Alarms, Shut-Downs, and Corrective Actions

Voluntary shutdowns or other issues occurred during the quarter:

- DW-1: 7/20 – 7/25/2015 – Annulus pressure digital data not available. Likely due to impending failure of sensor wire. Field records show nominal pressure during that time.
- DW-1: 8/30/2015 - Annulus pressure sensor failed due to wire corrosion. Data loss was just under one day. Digital pressure readings on either side of the data loss were nominal. Manually recorded pressure data from gauges provided nominal readings during the outage. The wiring was repaired.
- DW-1: 9/5 – 9/9/2015; 9/18 – 9/30/2015 – Loss of digital data readings for annulus pressure data due to reoccurring electronic hardware problems. Data from manual readings was nominal and was combined with the available digital data for data summary (Table 1A).
- DW-3: 8/19 - 8/20/2015 and 8/27 – 8/31/2015 – Primary (wellhead) flow rate meter provided erratic data due to scaling problems resulting from the data recorder software issues. The flow data was noisy, therefore, the flow data from the alternate (pumphouse) meter was used for the minimum, average, and maximum listed on Table 1B which show nominal flow rates. Additionally, manually recorded flow rate data from gauge was nominal during the periods of erratic data.
- DW-3: Shut down from 9/1/2015 through 9/10/2015 for maintenance. Upgrades to the data recording software was performed to rectify flow rate anomalies experienced in August.
- DW-4: Shut down from 7/6 – 7/12/2015 for pump rebuild.

Other shutdowns either automatically or manually occur frequently due to pressure increases or due to maintenance activity such as changing inline filters or program changes. Intermittent operation of the injection systems is typical.

Testing of the pressure switches to determine actual automatic shutdown pressures, both digital and analog, occurred on July 30 and September 24, 2015. Results of the testing are summarized on **Table 5**. Testing from the previous quarter carried over to July 2, 2015 for DW-3.



**TABLE 5: Summary of Automatic Pressure Shutoff Testing**

Well	Pressure Limit (psi)	Test Date	Digital Automatic Pressure Shutoff At (psi)	Digital Shutoff Reset To (psi)	Manual Pressure Switch Shutoff At (psi)	Manual Shutoff Reset To (psi)
DW-1	609	7/30/2015	605	N/A	601	N/A
DW-1	609	9/24/2015	600	N/A	601	N/A
DW-3	915	7/2/2015*	901	N/A	937 <sup>1</sup>	896
DW-3	915	7/30/2015	900	N/A	900	897
DW-3	915	9/24/2015	900	N/A	897	N/A
DW-4	838	7/30/2015	825	N/A	830	N/A
DW-4	838	9/24/2015	825	N/A	829	828

*\*Testing carried over from the previous quarter*

*1 Shutoff pressure spike occurred (see exceedance Event 1 above)*

## 6.0 Summary of Well Tests or Workovers

Annual pressure falloff tests in accordance with Permit 13-409 Section I(20) were performed during the quarter on all three wells by Petrotek Engineering Corporation on September 13 through September 18, 2015. The results of the tests were included in the Petrotek Technical Report submitted to the UIC Program Manager on October 16, 2015.



## APPENDIX 1

**APPENDIX 1: Daily Injection Pressures  
DW-1 3rd Quarter 2015  
Lost Creek ISR Project 13-409**

Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Automatic Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
7/1/2015	425	436	448	600	609	
7/2/2015	0	420	496	600	609	
7/3/2015	464	508	551	600	609	
7/4/2015	416	436	464	600	609	
7/5/2015	407	500	546	600	609	
7/6/2015	519	561	575	600	609	
7/7/2015	554	564	575	600	609	
7/8/2015	559	565	569	600	609	
7/9/2015	564	568	573	600	609	
7/10/2015	514	554	583	600	609	
7/11/2015	480	500	524	600	609	
7/12/2015	460	473	489	600	609	
7/13/2015	440	449	460	600	609	
7/14/2015	424	432	440	600	609	
7/15/2015	0	495	519	600	609	
7/16/2015	519	553	574	600	609	
7/17/2015	570	575	588	600	609	
7/18/2015	587	591	597	600	609	
7/19/2015	567	579	587	600	609	
7/20/2015	567	570	577	600	609	
7/21/2015	501	546	596	600	609	
7/22/2015	459	477	501	600	609	
7/23/2015	434	446	459	600	609	
7/24/2015	429	501	540	600	609	
7/25/2015	437	468	546	600	609	
7/26/2015	413	424	437	600	609	
7/27/2015	407	473	528	600	609	
7/28/2015	527	533	544	600	609	
7/29/2015	544	558	568	600	609	
7/30/2015	475	521	552	600	609	
7/31/2015	418	441	475	600	609	
8/1/2015	393	405	418	600	609	
8/2/2015	386	416	475	600	609	
8/3/2015	388	456	505	600	609	
8/4/2015	504	534	565	600	609	
8/5/2015	564	576	585	600	609	
8/6/2015	547	582	594	600	609	
8/7/2015	508	564	583	600	609	
8/8/2015	480	527	553	600	609	
8/9/2015	458	492	554	600	609	
8/10/2015	493	534	552	600	609	
8/11/2015	468	508	557	600	609	

**APPENDIX 1: Daily Injection Pressures  
DW-1 3rd Quarter 2015  
Lost Creek ISR Project 13-409**

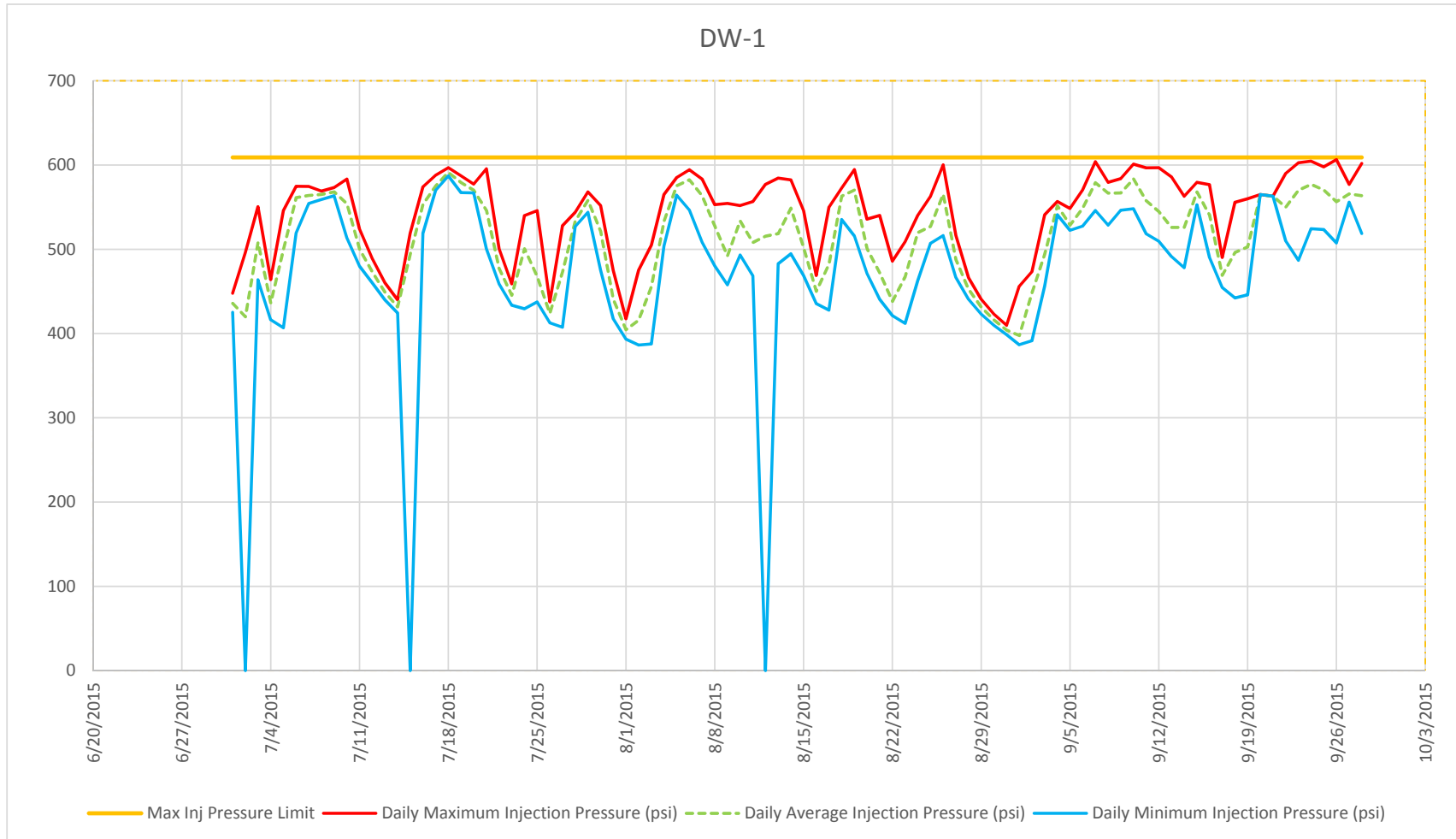
Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Automatic Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
8/12/2015	0	516	577	600	609	
8/13/2015	483	519	585	600	609	
8/14/2015	495	549	582	600	609	
8/15/2015	469	502	546	600	609	
8/16/2015	436	450	469	600	609	
8/17/2015	428	482	550	600	609	
8/18/2015	535	563	573	600	609	
8/19/2015	516	570	595	600	609	
8/20/2015	471	501	536	600	609	
8/21/2015	441	472	540	600	609	
8/22/2015	421	438	486	600	609	
8/23/2015	412	468	509	600	609	
8/24/2015	463	520	540	600	609	
8/25/2015	507	527	563	600	609	
8/26/2015	516	565	600	600	609	
8/27/2015	467	488	516	600	609	
8/28/2015	441	453	467	600	609	
8/29/2015	423	432	441	600	609	
8/30/2015	410	416	423	600	609	
8/31/2015	399	404	410	600	609	
9/1/2015	387	398	456	600	609	
9/2/2015	391	448	473	600	609	
9/3/2015	456	494	541	600	609	
9/4/2015	541	552	557	600	609	
9/5/2015	522	529	548	600	609	
9/6/2015	527	549	570	600	609	
9/7/2015	546	579	604	600	609	
9/8/2015	529	567	579	600	609	
9/9/2015	546	567	584	600	609	
9/10/2015	548	584	601	600	609	
9/11/2015	518	558	597	600	609	
9/12/2015	509	545	597	600	609	
9/13/2015	491	526	586	600	609	
9/14/2015	478	526	563	600	609	
9/15/2015	553	568	579	600	609	Falloff test
9/16/2015	490	541	577	600	609	Falloff test
9/17/2015	455	469	490	600	609	Falloff test
9/18/2015	442	496	556	600	609	
9/19/2015	446	503	560	600	609	Manual record
9/20/2015	565	565	565	600	609	Manual record
9/21/2015	563	563	563	600	609	Manual record
9/22/2015	510	550	590	600	609	Manual record

**APPENDIX 1: Daily Injection Pressures  
DW-1 3rd Quarter 2015  
Lost Creek ISR Project 13-409**

<b>Date</b>	<b>Daily Minimum Injection Pressure (psi)</b>	<b>Daily Average Injection Pressure (psi)</b>	<b>Daily Maximum Injection Pressure (psi)</b>	<b>Automatic Shutdown Pressure (psi)</b>	<b>Maximum Injection Pressure Limit (psi)</b>	<b>Comments</b>
9/23/2015	487	570	603	600	609	
9/24/2015	524	577	605	600	609	
9/25/2015	523	570	598	600	609	
9/26/2015	508	556	606	600	609	
9/27/2015	556	566	577	600	609	
9/28/2015	519	564	602	600	609	
9/29/2015	534	579	606	600	609	
9/30/2015	509	547	600	600	609	

*psi: pounds per square inch*

APPENDIX 1: Daily Injection Pressures  
DW-1 3rd Quarter 2015  
Lost Creek ISR Project 13-409





**APPENDIX 1: Daily Injection Pressures**  
**DW-3 3rd Quarter 2015**  
**Lost Creek ISR Project 13-409**

Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Automatic Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
7/1/2015	822	873	888	910	915	
7/2/2015	813	858	<b>937</b>	910	915	Over during pressure testing
7/3/2015	842	870	885	910	915	
7/4/2015	847	854	873	910	915	
7/5/2015	838	872	892	910	915	
7/6/2015	859	862	870	910	915	
7/7/2015	861	865	873	910	915	
7/8/2015	831	867	895	910	915	
7/9/2015	849	884	903	910	915	
7/10/2015	842	880	902	910	915	
7/11/2015	812	850	858	910	915	
7/12/2015	827	834	858	910	915	
7/13/2015	833	838	860	910	915	
7/14/2015	805	844	881	910	915	
7/15/2015	768	785	806	910	915	
7/16/2015	742	754	769	910	915	
7/17/2015	739	768	806	910	915	
7/18/2015	728	761	783	910	915	
7/19/2015	703	737	794	910	915	
7/20/2015	794	805	817	910	915	
7/21/2015	816	845	862	910	915	
7/22/2015	839	846	856	910	915	
7/23/2015	834	837	850	910	915	
7/24/2015	845	855	877	910	915	
7/25/2015	761	791	853	910	915	
7/26/2015	728	743	761	910	915	
7/27/2015	709	728	799	910	915	
7/28/2015	710	754	797	910	915	
7/29/2015	680	694	710	910	915	
7/30/2015	662	708	765	910	915	
7/31/2015	705	753	807	910	915	
8/1/2015	806	824	838	910	915	
8/2/2015	737	777	838	910	915	
8/3/2015	733	762	799	910	915	
8/4/2015	716	745	784	910	915	
8/5/2015	717	749	791	910	915	
8/6/2015	692	704	718	910	915	
8/7/2015	669	698	743	910	915	
8/8/2015	653	686	771	910	915	
8/9/2015	694	720	774	910	915	
8/10/2015	705	739	789	910	915	
8/11/2015	729	768	814	910	915	

**APPENDIX 1: Daily Injection Pressures  
DW-3 3rd Quarter 2015  
Lost Creek ISR Project 13-409**

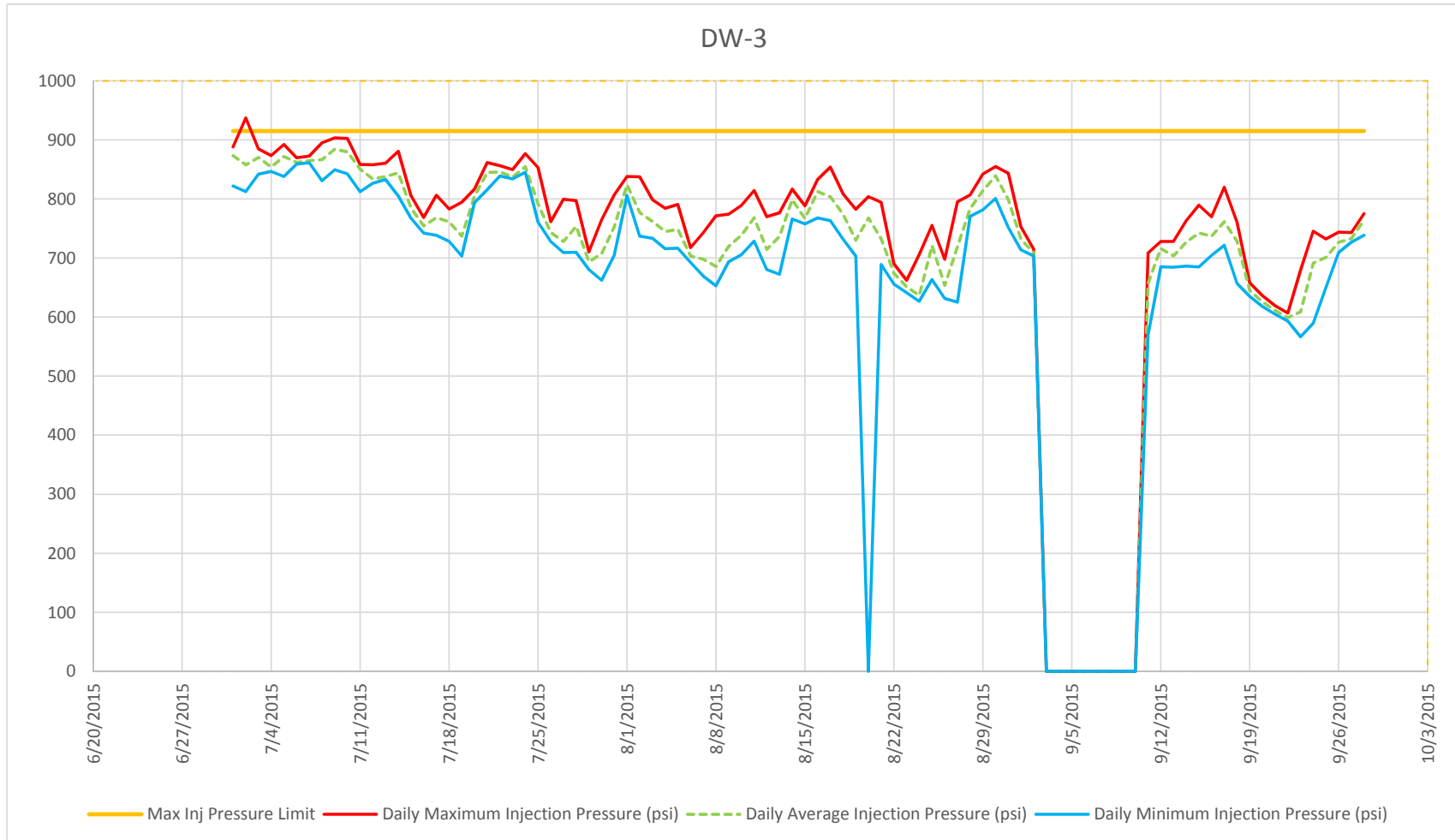
Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Automatic Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
8/12/2015	680	715	770	910	915	
8/13/2015	672	737	776	910	915	
8/14/2015	766	799	817	910	915	
8/15/2015	758	767	788	910	915	
8/16/2015	768	813	833	910	915	
8/17/2015	763	804	854	910	915	
8/18/2015	732	774	809	910	915	
8/19/2015	703	730	783	910	915	
8/20/2015	0	768	804	910	915	
8/21/2015	689	733	794	910	915	
8/22/2015	656	674	690	910	915	
8/23/2015	641	651	662	910	915	
8/24/2015	627	637	706	910	915	
8/25/2015	664	721	755	910	915	
8/26/2015	632	654	698	910	915	
8/27/2015	625	719	795	910	915	
8/28/2015	770	784	807	910	915	
8/29/2015	782	814	842	910	915	
8/30/2015	801	839	855	910	915	
8/31/2015	752	799	843	910	915	
9/1/2015	714	731	753	910	915	
9/2/2015	704	709	715	910	915	
9/3/2015	0	0	0	910	915	Shut down for maintenance
9/4/2015	0	0	0	910	915	Shut down for maintenance
9/5/2015	0	0	0	910	915	Shut down for maintenance
9/6/2015	0	0	0	910	915	Shut down for maintenance
9/7/2015	0	0	0	910	915	Shut down for maintenance
9/8/2015	0	0	0	910	915	Shut down for maintenance
9/9/2015	0	0	0	910	915	Shut down for maintenance
9/10/2015	0	0	0	910	915	Shut down for maintenance
9/11/2015	570	657	708	910	915	
9/12/2015	685	716	728	910	915	
9/13/2015	684	704	728	910	915	
9/14/2015	686	727	763	910	915	
9/15/2015	685	742	790	910	915	
9/16/2015	704	737	770	910	915	Falloff test
9/17/2015	722	762	820	910	915	Falloff test
9/18/2015	657	728	761	910	915	Falloff test
9/19/2015	635	645	658	910	915	
9/20/2015	618	626	636	910	915	
9/21/2015	605	611	619	910	915	
9/22/2015	593	599	607	910	915	

**APPENDIX 1: Daily Injection Pressures  
 DW-3 3rd Quarter 2015  
 Lost Creek ISR Project 13-409**

Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Automatic Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
9/23/2015	567	609	679	910	915	
9/24/2015	589	692	745	910	915	
9/25/2015	650	701	732	910	915	
9/26/2015	709	727	744	910	915	
9/27/2015	727	733	743	910	915	
9/28/2015	738	765	775	910	915	
9/29/2015	727	754	791	910	915	
9/30/2015	736	764	776	910	915	

*psi: pounds per square inch*

APPENDIX 1: Daily Injection Pressures  
DW-3 3rd Quarter 2015  
Lost Creek ISR Project 13-409



**APPENDIX 1: Daily Injection Pressures  
DW-4 3rd Quarter 2015  
Lost Creek ISR Project 13-409**

Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
7/1/2015	628	649	717	820	838	
7/2/2015	630	700	761	820	838	
7/3/2015	659	739	799	820	838	
7/4/2015	622	675	737	820	838	
7/5/2015	581	605	626	820	838	
7/6/2015	0	221	639	820	838	Shutdown for maintenance
7/7/2015	0	0	0	820	838	Shutdown for maintenance
7/8/2015	0	0	0	820	838	Shutdown for maintenance
7/9/2015	0	0	0	820	838	Shutdown for maintenance
7/10/2015	0	170	673	820	838	Shutdown for maintenance
7/11/2015	0	0	0	820	838	Shutdown for maintenance
7/12/2015	0	0	0	820	838	Shutdown for maintenance
7/13/2015	549	618	662	820	838	
7/14/2015	652	697	731	820	838	
7/15/2015	667	736	753	820	838	
7/16/2015	718	728	739	820	838	
7/17/2015	686	738	761	820	838	
7/18/2015	717	729	755	820	838	
7/19/2015	654	724	781	820	838	
7/20/2015	608	627	654	820	838	
7/21/2015	584	623	708	820	838	
7/22/2015	588	635	709	820	838	
7/23/2015	565	575	611	820	838	
7/24/2015	561	637	688	820	838	
7/25/2015	678	714	747	820	838	
7/26/2015	734	749	769	820	838	
7/27/2015	749	777	793	820	838	
7/28/2015	693	752	786	820	838	
7/29/2015	691	763	805	820	838	
7/30/2015	674	739	814	820	838	
7/31/2015	623	644	674	820	838	
8/1/2015	606	648	729	820	838	
8/2/2015	634	702	746	820	838	
8/3/2015	641	709	757	820	838	
8/4/2015	628	707	749	820	838	
8/5/2015	720	731	751	820	838	
8/6/2015	662	743	781	820	838	
8/7/2015	690	745	797	820	838	
8/8/2015	681	771	800	820	838	
8/9/2015	757	798	814	820	838	
8/10/2015	690	750	807	820	838	
8/11/2015	680	725	798	820	838	

**APPENDIX 1: Daily Injection Pressures  
DW-4 3rd Quarter 2015  
Lost Creek ISR Project 13-409**

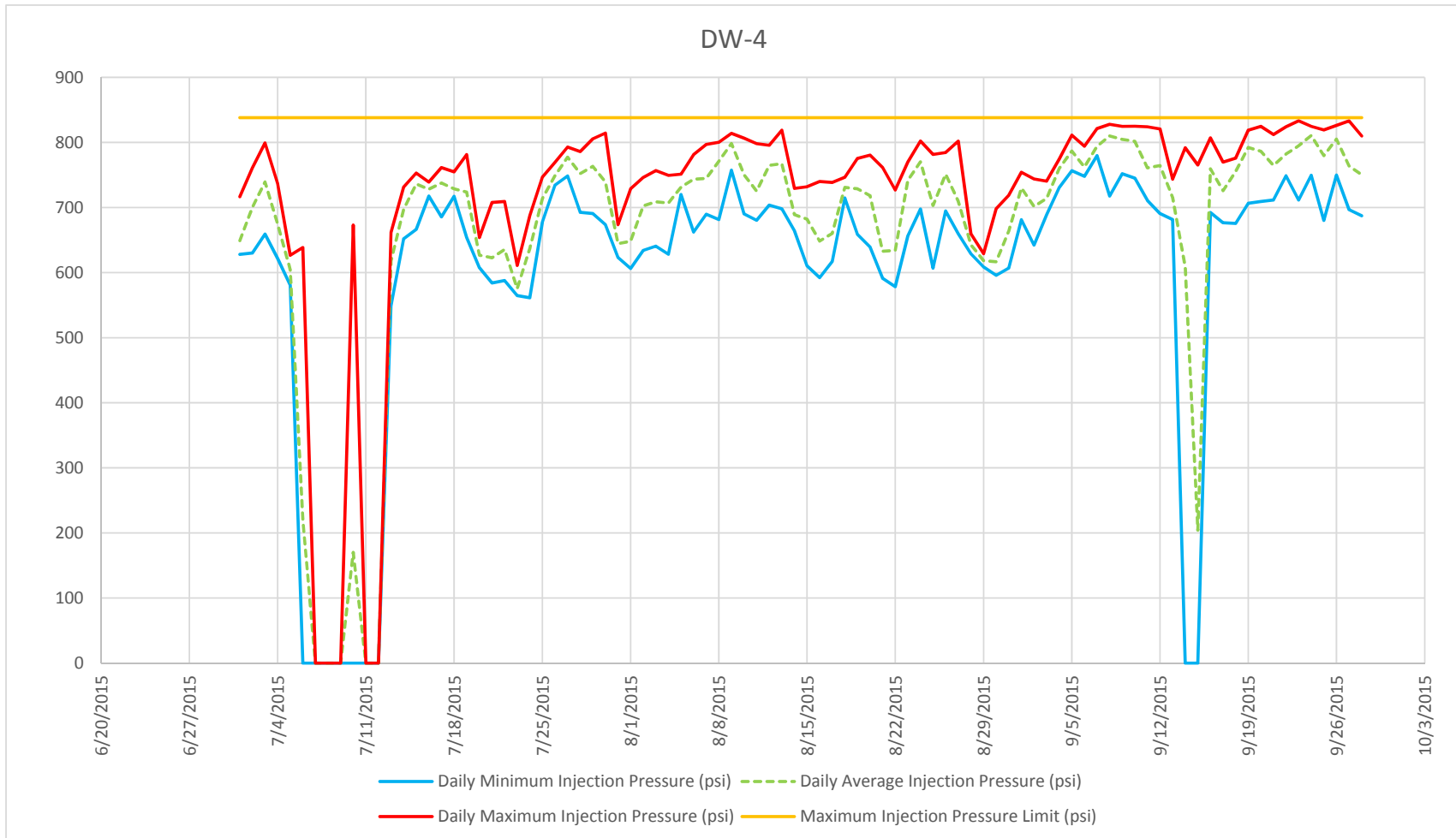
Date	Daily Minimum Injection Pressure (psi)	Daily Average Injection Pressure (psi)	Daily Maximum Injection Pressure (psi)	Shutdown Pressure (psi)	Maximum Injection Pressure Limit (psi)	Comments
8/12/2015	704	765	796	820	838	
8/13/2015	698	767	819	820	838	
8/14/2015	664	689	729	820	838	
8/15/2015	610	682	732	820	838	
8/16/2015	592	648	740	820	838	
8/17/2015	617	660	738	820	838	
8/18/2015	715	731	746	820	838	
8/19/2015	659	729	775	820	838	
8/20/2015	639	718	781	820	838	
8/21/2015	591	633	761	820	838	
8/22/2015	578	634	727	820	838	
8/23/2015	656	742	770	820	838	
8/24/2015	698	770	802	820	838	
8/25/2015	607	703	782	820	838	
8/26/2015	695	751	784	820	838	
8/27/2015	660	710	802	820	838	
8/28/2015	629	643	660	820	838	
8/29/2015	609	618	629	820	838	
8/30/2015	596	617	698	820	838	
8/31/2015	607	664	719	820	838	
9/1/2015	681	730	754	820	838	
9/2/2015	642	702	744	820	838	
9/3/2015	689	714	740	820	838	
9/4/2015	731	760	774	820	838	
9/5/2015	756	787	811	820	838	
9/6/2015	748	762	794	820	838	
9/7/2015	780	794	821	820	838	
9/8/2015	718	810	828	820	838	
9/9/2015	752	805	825	820	838	
9/10/2015	745	802	825	820	838	
9/11/2015	711	761	824	820	838	
9/12/2015	691	765	821	820	838	
9/13/2015	681	715	743	820	838	Falloff test
9/14/2015	0	609	792	820	838	Falloff test
9/15/2015	0	204	765	820	838	Falloff test
9/16/2015	692	759	807	820	838	
9/17/2015	677	726	770	820	838	
9/18/2015	676	755	776	820	838	
9/19/2015	707	792	819	820	838	
9/20/2015	709	786	825	820	838	
9/21/2015	711	765	812	820	838	
9/22/2015	749	782	824	820	838	

**APPENDIX 1: Daily Injection Pressures  
 DW-4 3rd Quarter 2015  
 Lost Creek ISR Project 13-409**

<b>Date</b>	<b>Daily Minimum Injection Pressure (psi)</b>	<b>Daily Average Injection Pressure (psi)</b>	<b>Daily Maximum Injection Pressure (psi)</b>	<b>Shutdown Pressure (psi)</b>	<b>Maximum Injection Pressure Limit (psi)</b>	<b>Comments</b>
9/23/2015	712	795	833	820	838	
9/24/2015	750	811	825	820	838	
9/25/2015	680	780	819	820	838	
9/26/2015	750	805	826	820	838	
9/27/2015	697	764	833	820	838	
9/28/2015	687	750	810	820	838	
9/29/2015	765	786	809	820	838	
9/30/2015	750	791	825	820	838	

*psi: pounds per square inch*

APPENDIX 1: Daily Injection Pressures  
DW-4 3rd Quarter 2015  
Lost Creek ISR Project 13-409







## APPENDIX 2



# ANALYTICAL SUMMARY REPORT

October 07, 2015

UR Energy USA Inc  
10758 W Centennial Rd Ste 200  
Ken Caryl Ranch, CO 80127

Work Order: C15090757

Project Name: Lost Creek Wastewater

Energy Laboratories, Inc. Casper WY received the following 2 samples for UR Energy USA Inc on 9/22/2015 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C15090757-001	DW Injectate	09/22/15 13:45	09/22/15	Aqueous	Metals by ICP/ICPMS, Total Alkalinity Specific Gravity E300.0 Anions Metals Preparation by EPA 200.2 Radium 226, Total Solids, Total Dissolved Sulfide, Iodine Titrimetric
C15090757-002	Plant-PC	09/22/15 13:50	09/22/15	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Alkalinity Anion - Cation Balance Conductivity Sample Filtering Fluoride E300.0 Anions Nitrogen, Ammonia Nitrogen, Nitrate + Nitrite pH Metals Preparation by EPA 200.2 Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved Solids, Total Dissolved Solids, Total Dissolved - Calculated

Plant-PC data redacted (pgs 4-5)

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Report Proofing Specialist

Digitally signed by  
Randy Horton

Date: 2015.10.07 14:18:10 -06:00



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**CLIENT:** UR Energy USA Inc  
**Project:** Lost Creek Wastewater  
**Work Order:** C15090757

**Report Date:** 10/07/15

## **CASE NARRATIVE**

---

### **BRANCH LABORATORY SUBCONTRACT ANALYSIS**

Tests associated with analyst identified as ELI-B were subcontracted to Energy Laboratories, 1120 S. 27th St., Billings, MT, EPA Number MT00005.



### LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

**Client:** UR Energy USA Inc  
**Project:** Lost Creek Wastewater  
**Lab ID:** C15090757-001  
**Client Sample ID:** DW Injectate

**Report Date:** 10/07/15  
**Collection Date:** 09/22/15 13:45  
**Date Received:** 09/22/15  
**Matrix:** Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>MAJOR IONS</b>							
Alkalinity, Total as CaCO3	229	mg/L		5		A2320 B	09/23/15 17:46 / wc
Carbonate as CO3	ND	mg/L		5		A2320 B	09/23/15 17:46 / wc
Bicarbonate as HCO3	279	mg/L		5		A2320 B	09/23/15 17:46 / wc
Chloride	16500	mg/L	D	20		E300.0	09/23/15 21:01 / wc
Sulfate	586	mg/L	D	80		E300.0	09/23/15 21:01 / wc
<b>NON-METALS</b>							
Sulfide	ND	mg/L		1		A4500-S F	09/25/15 16:15 / rwl
- Sample contains an oxidizer which interferes with the sulfide preservation and detection.							
<b>PHYSICAL PROPERTIES</b>							
Specific Gravity 60/60F	1.017	unitless				D1429	09/24/15 14:10 / eli-b
Solids, Total Dissolved TDS @ 180 C	25300	mg/L		500		A2540 C	09/24/15 09:05 / lmc
<b>METALS - TOTAL</b>							
Arsenic	ND	mg/L	D	0.01		E200.8	09/28/15 22:42 / smm
Selenium	0.18	mg/L	D	0.04		E200.8	09/28/15 22:42 / smm
Uranium	10.6	mg/L	D	0.0004		E200.8	09/28/15 22:42 / smm
Vanadium	ND	mg/L	D	0.09		E200.8	10/02/15 14:33 / smm
<b>RADIONUCLIDES - TOTAL</b>							
Radium 226	3320	pCi/L				E903.0	10/05/15 12:31 / dmf
Radium 226 precision (±)	622	pCi/L				E903.0	10/05/15 12:31 / dmf
Radium 226 MDC	0.12	pCi/L				E903.0	10/05/15 12:31 / dmf

**Report** RL - Analyte reporting limit.  
**Definitions:** QCL - Quality control limit.  
MDC - Minimum detectable concentration

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.  
D - RL increased due to sample matrix.



# QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: A2320 B</b>								Batch: R204516		
Lab ID: MBLK	3	Method Blank						Run: MANTECH_150923B	09/23/15 17:02	
Alkalinity, Total as CaCO3		ND	mg/L	0.6						
Carbonate as CO3		ND	mg/L	1						
Bicarbonate as HCO3		ND	mg/L	1						
Lab ID: LCS_150317		Laboratory Control Sample						Run: MANTECH_150923B	09/23/15 17:16	
Alkalinity, Total as CaCO3		246	mg/L	5.0	98	90	110			
Lab ID: C15090757-001AMS		Sample Matrix Spike						Run: MANTECH_150923B	09/23/15 17:54	
Alkalinity, Total as CaCO3		479	mg/L	5.2	100	80	120			

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration



# QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B										Batch: R204460
Lab ID: SC 2ND 1413		Laboratory Control Sample								09/23/15 08:50
Conductivity @ 25 C		1400	umhos/cm	5.0	99	90	110			
Lab ID: MBLK		Method Blank								09/23/15 12:36
Conductivity @ 25 C		1	umhos/cm	1						

**Qualifiers:**

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.



# QA/QC Summary Report

Prepared by Casper, WY Branch

**Client:** UR Energy USA Inc  
**Project:** Lost Creek Wastewater

**Report Date:** 10/07/15  
**Work Order:** C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method:</b> A2540 C								<b>Batch:</b> TDS150924A		
<b>Lab ID:</b> MB-1_150924A		Method Blank								
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	9						Run: BAL-18_150924A 09/24/15 09:04
<b>Lab ID:</b> LCS-2_150924A		Laboratory Control Sample								
Solids, Total Dissolved TDS @ 180 C		1140	mg/L	11	102	90	110			Run: BAL-18_150924A 09/24/15 09:04
<b>Lab ID:</b> C15090756-001A DUP		Sample Duplicate								
Solids, Total Dissolved TDS @ 180 C		381	mg/L	9.9				2.1	5	Run: BAL-18_150924A 09/24/15 09:05

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration



# QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual	
Method: A4500-F C										Analytical Run: MANTECH_150923A	
Lab ID: CCV-8644		Continuing Calibration Verification Standard								09/23/15 14:13	
Fluoride		1.92	mg/L	0.10	96	90	110				
Method: A4500-F C										Batch: R204515	
Lab ID: MBLK		Method Blank								Run: MANTECH_150923A	09/23/15 14:08
Fluoride		ND	mg/L	0.01							
Lab ID: LCS-8595		Laboratory Control Sample								Run: MANTECH_150923A	09/23/15 14:10
Fluoride		1.96	mg/L	0.10	98	90	110				
Lab ID: C15090756-001AMS		Sample Matrix Spike								Run: MANTECH_150923A	09/23/15 14:18
Fluoride		2.00	mg/L	0.10	93	80	120				
Lab ID: C15090756-001AMSD		Sample Matrix Spike Duplicate								Run: MANTECH_150923A	09/23/15 14:21
Fluoride		2.00	mg/L	0.10	93	80	120	0.0	10		

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration





# QA/QC Summary Report

Prepared by Casper, WY Branch

**Client:** UR Energy USA Inc  
**Project:** Lost Creek Wastewater

**Report Date:** 10/07/15  
**Work Order:** C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method:</b> A4500-H B										Analytical Run: PHSC_101-C_150923A
<b>Lab ID:</b> pH 6.86		Initial Calibration Verification Standard								09/23/15 08:34
pH		6.83	s.u.	0.010	100	98	102			
<b>Method:</b> A4500-H B										Batch: R204460
<b>Lab ID:</b> C15090756-001ADUP		Sample Duplicate								09/23/15 12:44
pH		7.65	s.u.	0.010				0.3	3	

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration



# QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-NH3 G							Analytical Run: TECHNICON_150923B			
Lab ID: CCV-17	Continuing Calibration Verification Standard									09/23/15 16:15
Nitrogen, Ammonia as N		0.953	mg/L	0.050	95	90	110			
Method: A4500-NH3 G							Batch: R204500			
Lab ID: MBLK-1	Method Blank						Run: TECHNICON_150923B			09/23/15 15:48
Nitrogen, Ammonia as N		0.02	mg/L	0.01						
Lab ID: LFB-3	Laboratory Fortified Blank						Run: TECHNICON_150923B			09/23/15 15:51
Nitrogen, Ammonia as N		1.95	mg/L	0.050	99	90	110			
Lab ID: C15090721-002CMS	Sample Matrix Spike						Run: TECHNICON_150923B			09/23/15 16:20
Nitrogen, Ammonia as N		1.91	mg/L	0.050	97	90	110			
Lab ID: C15090721-002CMSD	Sample Matrix Spike Duplicate						Run: TECHNICON_150923B			09/23/15 16:21
Nitrogen, Ammonia as N		1.92	mg/L	0.050	98	90	110	0.5	10	

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration



# QA/QC Summary Report

Prepared by Casper, WY Branch

**Client:** UR Energy USA Inc  
**Project:** Lost Creek Wastewater

**Report Date:** 10/07/15  
**Work Order:** C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method:</b> A4500-S F								Analytical Run: TITRATION_150925A		
<b>Lab ID:</b> ICV	Initial Calibration Verification Standard									
Sulfide		81.9	mg/L	1.0	102	80	120			09/25/15 16:01
<b>Method:</b> A4500-S F								Batch: 150925-SULFIDE-TTR-W		
<b>Lab ID:</b> MBLK7-150925	Method Blank									
Sulfide		ND	mg/L	0.6						Run: TITRATION_150925A 09/25/15 15:56
<b>Lab ID:</b> C15090768-003FMS	Sample Matrix Spike									
Sulfide		17.2	mg/L	1.0	106	80	120			Run: TITRATION_150925A 09/25/15 16:32
<b>Lab ID:</b> C15090768-003FMSD	Sample Matrix Spike Duplicate									
Sulfide		16.6	mg/L	1.0	103	80	120	3.3	20	Run: TITRATION_150925A 09/25/15 16:36

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration



## QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E200.7</b>		Analytical Run: ICP4-C_150929A								
<b>Lab ID: ICV</b>	6	Initial Calibration Verification Standard								09/29/15 11:42
Boron		1.01	mg/L	0.050	101	95	105			
Calcium		49.0	mg/L	1.0	98	95	105			
Iron		4.92	mg/L	0.030	98	95	105			
Manganese		4.80	mg/L	0.010	96	95	105			
Silicon		9.86	mg/L	0.10	99	95	105			
Uranium		5.09	mg/L	1.0	102	95	105			
<b>Lab ID: ICSA</b>	6	Interference Check Sample A								09/29/15 12:06
Boron		0.00843	mg/L	0.050						
Calcium		454	mg/L	1.0	91	80	120			
Iron		174	mg/L	0.030	87	80	120			
Manganese		-0.0207	mg/L	0.010						
Silicon		-0.0216	mg/L	0.10						
Uranium		1.53	mg/L	1.0						
<b>Lab ID: ICSAB</b>	6	Interference Check Sample AB								09/29/15 12:10
Boron		0.0126	mg/L	0.050						
Calcium		456	mg/L	1.0	91	80	120			
Iron		174	mg/L	0.030	87	80	120			
Manganese		0.425	mg/L	0.010	85	80	120			
Silicon		-0.0123	mg/L	0.10						
Uranium		1.60	mg/L	1.0						
<b>Method: E200.7</b>		Batch: 45812								
<b>Lab ID: MB-45812</b>	2	Method Blank								Run: ICP4-C_150929A 09/30/15 07:10
Iron		ND	mg/L	0.003						
Manganese		ND	mg/L	0.002						
<b>Lab ID: LCS3-45812</b>	2	Laboratory Control Sample								Run: ICP4-C_150929A 09/30/15 07:14
Iron		2.63	mg/L	0.030	105	85	115			
Manganese		2.60	mg/L	0.0012	104	85	115			
<b>Lab ID: C15090757-001BMS3</b>	2	Sample Matrix Spike								Run: ICP4-C_150929A 09/30/15 07:22
Iron		2.54	mg/L	0.24		70	130			A
Manganese		2.67	mg/L	0.058	100	70	130			
<b>Lab ID: C15090757-001BMSD</b>	2	Sample Matrix Spike Duplicate								Run: ICP4-C_150929A 09/30/15 07:26
Iron		2.65	mg/L	0.24		70	130	4.2	20	A
Manganese		2.72	mg/L	0.058	102	70	130	1.7	20	
<b>Method: E200.7</b>		Batch: R204761								
<b>Lab ID: MB-150929A</b>	4	Method Blank								Run: ICP4-C_150929A 09/29/15 12:30
Boron		ND	mg/L	0.006						
Calcium		0.02	mg/L	0.003						
Silicon		ND	mg/L	0.02						
Uranium		ND	mg/L	0.05						

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.

MDC - Minimum detectable concentration



# QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E200.7</b> <span style="float: right;">Batch: R204761</span>										
Lab ID: MB-150929A	4	Method Blank				Run: ICP4-C_150929A			09/29/15 12:30	
Lab ID: LFB-150929A	4	Laboratory Fortified Blank				Run: ICP4-C_150929A			09/29/15 12:34	
Boron		0.957	mg/L	0.050	96	85	115			
Calcium		47.2	mg/L	1.0	94	85	115			
Silicon		0.456	mg/L	0.10	101	85	115			
Uranium		4.63	mg/L	1.0	93	85	115			
Lab ID: C15090757-002BMS2	4	Sample Matrix Spike				Run: ICP4-C_150929A			09/29/15 19:35	
Boron		1.94	mg/L	0.050	93	70	130			
Calcium		469	mg/L	1.0	79	70	130			
Silicon		12.1	mg/L	0.10		70	130			A
Uranium		66.0	mg/L	0.17		70	130			A
Lab ID: C15090757-002BMSD	4	Sample Matrix Spike Duplicate				Run: ICP4-C_150929A			09/29/15 19:39	
Boron		1.90	mg/L	0.050	91	70	130	2.2	20	
Calcium		467	mg/L	1.0	77	70	130	0.5	20	
Silicon		12.0	mg/L	0.10		70	130	0.6	20	A
Uranium		65.6	mg/L	0.17		70	130	0.6	20	A

**Qualifiers:**

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MDC - Minimum detectable concentration



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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual	
<b>Method: E200.8</b>										Analytical Run: ICPMS2-C_150928A	
<b>Lab ID: ICV</b>	3	Initial Calibration Verification Standard								09/28/15 14:45	
Arsenic		0.0467	mg/L	0.0010	93	90	110				
Selenium		0.0468	mg/L	0.0010	94	90	110				
Uranium		0.0470	mg/L	0.00030	94	90	110				
<b>Method: E200.8</b>										Batch: 45812	
<b>Lab ID: MB-45812</b>	3	Method Blank								Run: ICPMS2-C_150928A	09/28/15 22:30
Arsenic		ND	mg/L	0.0004							
Selenium		ND	mg/L	0.0003							
Uranium		ND	mg/L	3E-06							
<b>Lab ID: LCS3-45812</b>	3	Laboratory Control Sample								Run: ICPMS2-C_150928A	09/28/15 22:33
Arsenic		0.514	mg/L	0.0010	103	85	115				
Selenium		0.476	mg/L	0.0010	95	85	115				
Uranium		0.543	mg/L	0.00030	109	85	115				
<b>Lab ID: C15090757-001BMS3</b>	3	Sample Matrix Spike								Run: ICPMS2-C_150928A	09/28/15 22:45
Arsenic		0.488	mg/L	0.015	98	70	130				
Selenium		0.597	mg/L	0.038	83	70	130				
Uranium		10.9	mg/L	0.00043		70	130			A	
<b>Lab ID: C15090757-001BMSD</b>	3	Sample Matrix Spike Duplicate								Run: ICPMS2-C_150928A	09/28/15 22:49
Arsenic		0.501	mg/L	0.015	100	70	130	2.7	20		
Selenium		0.638	mg/L	0.038	91	70	130	6.6	20		
Uranium		11.2	mg/L	0.00043		70	130	3.1	20	A	
<b>Method: E200.8</b>										Analytical Run: ICPMS2-C_151002A	
<b>Lab ID: ICV</b>		Initial Calibration Verification Standard								10/02/15 11:48	
Vanadium		0.0490	mg/L	0.0010	98	90	110				
<b>Method: E200.8</b>										Batch: 45812	
<b>Lab ID: MB-45812</b>		Method Blank								Run: ICPMS2-C_151002A	10/02/15 14:11
Vanadium		ND	mg/L	2E-05							
<b>Lab ID: LCS3-45812</b>		Laboratory Control Sample								Run: ICPMS2-C_151002A	10/02/15 14:27
Vanadium		0.572	mg/L	0.010	114	85	115				
<b>Lab ID: C15090757-001BMS3</b>		Sample Matrix Spike								Run: ICPMS2-C_151002A	10/02/15 14:36
Vanadium		0.559	mg/L	0.094	112	70	130				
<b>Lab ID: C15090757-001BMSD</b>		Sample Matrix Spike Duplicate								Run: ICPMS2-C_151002A	10/02/15 14:39
Vanadium		0.553	mg/L	0.094	111	70	130	1.0	20		

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Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual	
Method: E200.8										Analytical Run: ICPMS4-C_150925A	
Lab ID: ICV	18 Initial Calibration Verification Standard									09/25/15 12:49	
Aluminum		0.0494	mg/L	0.0010	99	90	110				
Arsenic		0.0495	mg/L	0.0010	99	90	110				
Barium		0.0480	mg/L	0.0010	96	90	110				
Cadmium		0.0491	mg/L	0.0010	98	90	110				
Chromium		0.0501	mg/L	0.0010	100	90	110				
Copper		0.0496	mg/L	0.0010	99	90	110				
Iron		0.977	mg/L	0.0010	98	90	110				
Lead		0.0490	mg/L	0.0010	98	90	110				
Magnesium		9.90	mg/L	0.0027	99	90	110				
Manganese		0.0482	mg/L	0.0010	97	90	110				
Mercury		0.00475	mg/L	0.0010	95	90	110				
Molybdenum		0.0480	mg/L	0.0010	96	90	110				
Nickel		0.0498	mg/L	0.0010	100	90	110				
Potassium		10.1	mg/L	0.0041	101	90	110				
Selenium		0.0499	mg/L	0.0010	100	90	110				
Sodium		9.63	mg/L	0.0043	96	90	110				
Vanadium		0.0499	mg/L	0.0010	100	90	110				
Zinc		0.0513	mg/L	0.0010	103	90	110				

Method: E200.8										Batch: R204629	
Lab ID: LRB	18 Method Blank									Run: ICPMS4-C_150925A	09/25/15 13:35
Aluminum		0.002	mg/L	0.0001							
Arsenic		ND	mg/L	5E-05							
Barium		ND	mg/L	9E-06							
Cadmium		ND	mg/L	7E-06							
Chromium		0.0001	mg/L	8E-05							
Copper		ND	mg/L	2E-05							
Iron		ND	mg/L	0.0003							
Lead		ND	mg/L	1.0E-05							
Magnesium		0.002	mg/L	0.0009							
Manganese		ND	mg/L	4E-05							
Mercury		4E-05	mg/L	3E-05							
Molybdenum		ND	mg/L	4E-05							
Nickel		ND	mg/L	0.0002							
Potassium		0.07	mg/L	0.02							
Selenium		ND	mg/L	3E-05							
Sodium		ND	mg/L	0.007							
Vanadium		7E-05	mg/L	1E-05							
Zinc		0.0002	mg/L	8E-05							

Lab ID: LFB	18 Laboratory Fortified Blank									Run: ICPMS4-C_150925A	09/25/15 13:41
Aluminum		0.0516	mg/L	0.0010	100	85	115				
Arsenic		0.0527	mg/L	0.0010	105	85	115				
Barium		0.0507	mg/L	0.0010	101	85	115				

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Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E200.8</b>										<b>Batch: R204629</b>
<b>Lab ID: LFB</b>	<b>18 Laboratory Fortified Blank</b>				<b>Run: ICPMS4-C_150925A</b>				<b>09/25/15 13:41</b>	
Cadmium		0.0518	mg/L	0.0010	104	85	115			
Chromium		0.0525	mg/L	0.0010	105	85	115			
Copper		0.0522	mg/L	0.0010	104	85	115			
Iron		1.28	mg/L	0.0010	102	85	115			
Lead		0.0514	mg/L	0.0010	103	85	115			
Magnesium		12.1	mg/L	0.0027	97	85	115			
Manganese		0.0498	mg/L	0.0010	100	85	115			
Mercury		0.0102	mg/L	0.0010	102	85	115			
Molybdenum		0.0507	mg/L	0.0010	101	85	115			
Nickel		0.0522	mg/L	0.0010	104	85	115			
Potassium		12.4	mg/L	0.0041	98	85	115			
Selenium		0.0558	mg/L	0.0010	112	85	115			
Sodium		12.0	mg/L	0.0043	96	85	115			
Vanadium		0.0526	mg/L	0.0010	105	85	115			
Zinc		0.0532	mg/L	0.0010	106	85	115			
<b>Lab ID: C15090761-008BMS4</b>	<b>18 Sample Matrix Spike</b>				<b>Run: ICPMS4-C_150925A</b>				<b>09/25/15 19:55</b>	
Aluminum		0.0506	mg/L	0.030	101	70	130			
Arsenic		0.0574	mg/L	0.0010	114	70	130			
Barium		0.0683	mg/L	0.050	111	70	130			
Cadmium		0.0533	mg/L	0.0010	107	70	130			
Chromium		0.0559	mg/L	0.0050	111	70	130			
Copper		0.0584	mg/L	0.0050	107	70	130			
Iron		1.35	mg/L	0.030	107	70	130			
Lead		0.0555	mg/L	0.0010	111	70	130			
Magnesium		47.0	mg/L	1.0	88	70	130			
Manganese		0.101	mg/L	0.0010	113	70	130			
Mercury		0.0113	mg/L	0.00010	112	70	130			
Molybdenum		0.0555	mg/L	0.0010	107	70	130			
Nickel		0.0627	mg/L	0.0050	106	70	130			
Potassium		29.2	mg/L	1.0	100	70	130			
Selenium		0.0973	mg/L	0.0010	128	70	130			
Sodium		84.0	mg/L	1.0		70	130			A
Vanadium		0.0558	mg/L	0.010	111	70	130			
Zinc		0.0669	mg/L	0.010	108	70	130			
<b>Lab ID: C15090761-008BMSD</b>	<b>18 Sample Matrix Spike Duplicate</b>				<b>Run: ICPMS4-C_150925A</b>				<b>09/25/15 20:01</b>	
Aluminum		0.0498	mg/L	0.030	100	70	130	1.4	20	
Arsenic		0.0572	mg/L	0.0010	114	70	130	0.4	20	
Barium		0.0678	mg/L	0.050	110	70	130	0.7	20	
Cadmium		0.0528	mg/L	0.0010	106	70	130	1.0	20	
Chromium		0.0548	mg/L	0.0050	109	70	130	1.9	20	
Copper		0.0574	mg/L	0.0050	105	70	130	1.7	20	
Iron		1.30	mg/L	0.030	103	70	130	4.0	20	

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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R204629
Lab ID: C15090761-008BMSD	18	Sample Matrix Spike Duplicate				Run: ICPMS4-C_150925A				09/25/15 20:01
Lead		0.0552	mg/L	0.0010	110	70	130	0.5	20	
Magnesium		46.4	mg/L	1.0	84	70	130	1.2	20	
Manganese		0.101	mg/L	0.0010	113	70	130	0.1	20	
Mercury		0.0113	mg/L	0.00010	112	70	130	0.2	20	
Molybdenum		0.0553	mg/L	0.0010	107	70	130	0.4	20	
Nickel		0.0615	mg/L	0.0050	104	70	130	1.9	20	
Potassium		29.1	mg/L	1.0	99	70	130	0.3	20	
Selenium		0.0926	mg/L	0.0010	118	70	130	5.0	20	
Sodium		82.9	mg/L	1.0		70	130	1.4	20	A
Vanadium		0.0550	mg/L	0.010	110	70	130	1.4	20	
Zinc		0.0658	mg/L	0.010	106	70	130	1.6	20	

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Report Date: 10/07/15  
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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual	
<b>Method: E300.0</b>										Analytical Run: IC1-C_150925A	
<b>Lab ID: ICV</b>	2	Initial Calibration Verification Standard								09/23/15 14:55	
Chloride		9.94	mg/L	1.0	99	90	110				
Sulfate		40.3	mg/L	1.0	101	90	110				
<b>Lab ID: CCV-092315-2</b>	2	Continuing Calibration Verification Standard								09/23/15 19:34	
Chloride		9.78	mg/L	1.0	98	90	110				
Sulfate		39.7	mg/L	1.0	99	90	110				
<b>Method: E300.0</b>										Batch: R204670	
<b>Lab ID: ICB</b>	2	Method Blank								Run: IC1-C_150925A 09/23/15 15:12	
Chloride		ND	mg/L	0.03							
Sulfate		0.1	mg/L	0.05							
<b>Lab ID: LFB-092315-1</b>	2	Laboratory Fortified Blank								Run: IC1-C_150925A 09/23/15 15:30	
Chloride		10.0	mg/L	1.0	100	90	110				
Sulfate		40.5	mg/L	1.0	101	90	110				
<b>Lab ID: C15090756-001AMS</b>	2	Sample Matrix Spike								Run: IC1-C_150925A 09/23/15 20:26	
Chloride		35.8	mg/L	1.0	105	90	110				
Sulfate		223	mg/L	1.0	98	90	110				
<b>Lab ID: C15090756-001AMSD</b>	2	Sample Matrix Spike Duplicate								Run: IC1-C_150925A 09/23/15 20:43	
Chloride		36.3	mg/L	1.0	107	90	110	1.2	20		
Sulfate		225	mg/L	1.0	101	90	110	0.9	20		
<b>Lab ID: LFB-092315-2</b>	2	Laboratory Fortified Blank								Run: IC1-C_150925A 09/24/15 08:55	
Chloride		10.1	mg/L	1.0	101	90	110				
Sulfate		40.5	mg/L	1.0	101	90	110				
<b>Lab ID: LFB-092315-3</b>	2	Laboratory Fortified Blank								Run: IC1-C_150925A 09/24/15 16:07	
Chloride		9.98	mg/L	1.0	100	90	110				
Sulfate		40.4	mg/L	1.0	101	90	110				

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**Report Date:** 10/07/15  
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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method:</b> E353.2								Analytical Run: TECHNICON_150923A		
<b>Lab ID:</b> CCV-30	Continuing Calibration Verification Standard									
Nitrogen, Nitrate+Nitrite as N		1.06	mg/L	0.10	106	90	110			09/23/15 12:16
<b>Method:</b> E353.2								Batch: R204489		
<b>Lab ID:</b> MBLK-1	Method Blank									
Nitrogen, Nitrate+Nitrite as N		0.01	mg/L	0.008						Run: TECHNICON_150923A 09/23/15 11:04
<b>Lab ID:</b> LFB-3	Laboratory Fortified Blank									
Nitrogen, Nitrate+Nitrite as N		2.12	mg/L	0.10	108	90	110			Run: TECHNICON_150923A 09/23/15 11:09
<b>Lab ID:</b> C15090757-002EMS	Sample Matrix Spike									
Nitrogen, Nitrate+Nitrite as N		2.20	mg/L	0.10	112	90	110			Run: TECHNICON_150923A 09/23/15 12:24 S
- Matrix spike recoveries outside the acceptance range are considered matrix-related.										
<b>Lab ID:</b> C15090757-002EMSD	Sample Matrix Spike Duplicate									
Nitrogen, Nitrate+Nitrite as N		2.20	mg/L	0.10	112	90	110	0.0	10	Run: TECHNICON_150923A 09/23/15 12:26 S
- Matrix spike recoveries outside the acceptance range are considered matrix-related.										

**Qualifiers:**

RL - Analyte reporting limit.  
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.  
S - Spike recovery outside of advisory limits.



## QA/QC Summary Report

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Report Date: 10/07/15  
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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E900.0</b>								<b>Batch: GrAB-2132</b>		
<b>Lab ID: Th230-GrAB-2132</b>	Laboratory Control Sample			Run: G542M_150925A			09/28/15 22:08			
Gross Alpha	96.4	pCi/L		97	80	120				
<b>Lab ID: Sr90-GrAB-2132</b>	Laboratory Control Sample			Run: G542M_150925A			09/28/15 22:08			
Gross Beta	179	pCi/L		92	80	120				
<b>Lab ID: MB-GrAB-2132</b>	6 Method Blank			Run: G542M_150925A			09/28/15 22:08			
Gross Alpha	-0.3	pCi/L								U
Gross Alpha precision (±)	0.7	pCi/L								
Gross Alpha MDC	1	pCi/L								
Gross Beta	-1	pCi/L								U
Gross Beta precision (±)	2	pCi/L								
Gross Beta MDC	3	pCi/L								
<b>Lab ID: C15090756-001DMS</b>	Sample Matrix Spike			Run: G542M_150925A			09/28/15 22:08			
Gross Alpha	73.7	pCi/L		60	70	130				S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the Duplicate RPD are acceptable the batch is approved.										
<b>Lab ID: C15090756-001DMS</b>	Sample Matrix Spike			Run: G542M_150925A			09/28/15 22:08			
Gross Beta	194	pCi/L		95	70	130				
<b>Lab ID: C15090759-004CDUP</b>	6 Sample Duplicate			Run: G542M_150925A			09/28/15 22:08			
Gross Alpha	2380	pCi/L					17	48.9		
Gross Alpha precision (±)	462	pCi/L								
Gross Alpha MDC	9.77	pCi/L								
Gross Beta	933	pCi/L					3.5	30.5		
Gross Beta precision (±)	95.6	pCi/L								
Gross Beta MDC	14.3	pCi/L								

**Qualifiers:**

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

U - Not detected at minimum detectable concentration

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



# QA/QC Summary Report

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Report Date: 10/07/15  
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Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E903.0</b>								<b>Batch: RA226-7836</b>		
<b>Lab ID: LCS-RA226-7836</b>	Laboratory Control Sample							Run: BERTHOLD 770-1_150924A	10/05/15 10:48	
Radium 226		9.7	pCi/L	93		80	120			
<b>Lab ID: MB-RA226-7836</b>	3	Method Blank						Run: BERTHOLD 770-1_150924A	10/05/15 10:48	
Radium 226		0.09	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
<b>Lab ID: C15090711-004FMS</b>	Sample Matrix Spike							Run: BERTHOLD 770-1_150924A	10/05/15 10:48	
Radium 226		18	pCi/L	86		70	130			
<b>Lab ID: C15090711-004FMSD</b>	Sample Matrix Spike Duplicate							Run: BERTHOLD 770-1_150924A	10/05/15 10:48	
Radium 226		21	pCi/L	102		70	130	17	49.2	
<b>Method: E903.0</b>								<b>Batch: RA226-7840</b>		
<b>Lab ID: LCS-RA226-7840</b>	Laboratory Control Sample							Run: G5000W_150925B	10/05/15 12:31	
Radium 226		9.8	pCi/L	92		80	120			
<b>Lab ID: MB-RA226-7840</b>	3	Method Blank						Run: G5000W_150925B	10/05/15 12:31	
Radium 226		0.4	pCi/L							
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.1	pCi/L							
<b>Lab ID: C15090839-001EMS</b>	Sample Matrix Spike							Run: G5000W_150925B	10/05/15 16:05	
Radium 226		26	pCi/L	85		70	130			
<b>Lab ID: C15090839-001EMSD</b>	Sample Matrix Spike Duplicate							Run: G5000W_150925B	10/05/15 16:05	
Radium 226		26	pCi/L	85		70	130	0.5	48.6	

**Qualifiers:**

RL - Analyte reporting limit.  
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.  
U - Not detected at minimum detectable concentration



# QA/QC Summary Report

Prepared by Casper, WY Branch

Client: UR Energy USA Inc  
Project: Lost Creek Wastewater

Report Date: 10/07/15  
Work Order: C15090757

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05								Batch: RA228-5044		
Lab ID: LCS-228-RA226-7836	Laboratory Control Sample					Run: TENNELEC-3_150924B			09/29/15 12:04	
Radium 228		7.1	pCi/L		95	80	120			
Lab ID: MB-RA226-7836	3	Method Blank				Run: TENNELEC-3_150924B			09/29/15 12:04	
Radium 228		0.03	pCi/L							U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Lab ID: C15090756-001DMS	Sample Matrix Spike					Run: TENNELEC-3_150924B			09/29/15 12:04	
Radium 228		20	pCi/L		108	70	130			
Lab ID: C15090756-001DMSD	Sample Matrix Spike Duplicate					Run: TENNELEC-3_150924B			09/29/15 12:04	
Radium 228		20	pCi/L		109	70	130	1.1	50	

**Qualifiers:**

RL - Analyte reporting limit.  
MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.  
U - Not detected at minimum detectable concentration



# Work Order Receipt Checklist

UR Energy USA Inc

C15090757

Login completed by: Dorian Quis

Date Received: 9/22/2015

Reviewed by: BL2000\tparke

Received by: cjm

Reviewed Date: 9/30/2015

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	14.6°C On Ice - From Field		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>

## Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as -dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

## Contact and Corrective Action Comments:



# Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: <b>UR-ENERGY</b>		Project Name, PWS, Permit, Etc. <b>LOST CREEK WASTEWATER</b>		Sample Origin State: <b>WY</b>		EPA/State Compliance: Yes <input type="checkbox"/> No <input type="checkbox"/>			
Report Mail Address (Required):		Contact Name: <b>MIKE CRIDDER</b>		Cell: <b>(307) 265-2373</b>		Sampler: (Please Print) <b>MR</b>			
Invoice Address (Required):		Phone/Fax: <b>(307) 265-2373</b>		Purchase Order:		Quoter/Bottle Order:			
<input type="checkbox"/> No Hard Copy Email: Special Report/Formats: <input type="checkbox"/> DW <input type="checkbox"/> EDD/EDT (Electronic Data) <input type="checkbox"/> POTWW/WTP Format: _____ <input type="checkbox"/> State: _____ <input type="checkbox"/> LEVEL IV <input type="checkbox"/> Other: _____ <input type="checkbox"/> NELAC		<input type="checkbox"/> No Hard Copy Email: SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) 1 <b>DW-WJERTME</b> 9/22/2015 1345 2 <b>PLANT-PC</b> 9/22/2015 1350 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 10 _____		ANALYSIS REQUESTED BICARB / CARBONATE <input checked="" type="checkbox"/> STRAT. CAPACITY <input checked="" type="checkbox"/> TDS <input checked="" type="checkbox"/> CHLORIDE <input checked="" type="checkbox"/> SULFATE <input checked="" type="checkbox"/> HYDROGEN SULFIDE <input checked="" type="checkbox"/> AS, SE, V, U (mg/L) <input checked="" type="checkbox"/> BA-226 (mg/L) <input checked="" type="checkbox"/> EVIDENCE B <input checked="" type="checkbox"/> SEE ATTACHED		Standard Turnaround (TAT) <b>R U S H</b>		Contact ELI prior to RUSH sample submittal for charges and scheduling - See instruction Page Comments: <b>C15090751</b>	
Number of Containers Sample Type: A W S V B O DW Air Water Solids/Solids Vegetation Bioassay Other DW - Drinking Water		MATRIX		Shipped by: <b>WAND</b> Cooler ID/lot: <b>Client</b> Receipt Temp: <b>14.6 °C</b> On Ice: <input checked="" type="checkbox"/> <b>FF</b> <input type="checkbox"/> <b>N</b> Custody Seal On Bottle <input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> <b>N</b> On Cooler <input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> <b>N</b> Intact <input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> <b>N</b> Signature Match <input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> <b>N</b>		LABORATORY USE ONLY			
Requisitioned by (print): <b>MCARDER</b> 9/22/2015 1642 Requisitioned by (print): <b>MCARDER</b> 9/22/2015 1642		Signature <b>MCARDER</b>		Date/Time: <b>9/22/2015 16:40</b>		Received by (print): <b>MCARDER</b>		Signature <b>MCARDER</b>	
Sample Disposal: Return to Client: _____ Lab Disposal: _____		Received by Laboratory: <b>MCARDER</b>		Date/Time: <b>9/22/2015 16:40</b>		Signature <b>MCARDER</b>		Date/Time: <b>9/22/2015 16:40</b>	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.