


Parameter (mg/L)	Title 118 MCL	NDEQ Std.	Mine Unit Average for Baseline										
			MU1	MU2	MU3	MU4	MU5	MU6	MU7	MU8	MU9	MU10	MU11
Ammonium	Not Listed	10.0	<0.372	0.37	<0.329	0.288	0.28	0.32	0.42	0.682	0.40	0.34	0.33
Arsenic	0.010	0.010	<0.00214	<0.001	<0.001	<0.00209	<0.001	0.002	0.001	0.002	0.001	0.001	0.001
Barium	2.0	2.0	<0.1	<0.1	<0.1	<0.1	<0.01	0.100	0.10	0.099	0.1	0.1	<0.1
Cadmium	0.005	0.005	<0.00644	<0.007	<0.01	<0.01	<0.01	0.009	0.007	0.005	0.005	0.005	<0.005
Chloride	250	250	203.9	208.6	197.6	217.5	191.9	206	198	196	203	185	186
Copper	1.3	1.3	<0.017	<0.013	<0.0108	<0.0114	<0.01	0.012	0.01	0.01	0.01	0.01	<0.01
Fluoride	4.0	4.0	0.686	0.670	0.719	0.745	0.64	0.65	0.70	0.638	0.8	0.72	0.69
Iron	0.3	0.3	<0.0441	<0.045	<0.05	<0.0504	<0.05	0.050	0.05	0.135	0.04	0.03	0.04
Mercury	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manganese	0.05	0.05	<0.011	<0.01	<0.01	<0.01	<0.01	0.010	0.01	0.01	0.01	0.01	0.01
Molybdenum	1.0	1.0	<0.0689	<0.073	<0.1	<0.1	<0.10	0.102	0.10	0.093	0.1	0.1	<0.1
Nickel	0.15	0.15	<0.0340	<0.037	<0.05	<0.05	<0.05	0.050	0.05	0.049	0.05	0.05	<0.05
Nitrate	10.0	10.0	<0.050	<0.039	<0.0728	<0.114	<0.1	0.1	0.1	0.2	0.06	0.1	0.09
Lead	0.015	0.015	0.0315	<0.035	<0.05	<0.05	<0.05	0.050	0.05	0.049	0.05	0.001	0.001
Radium (pCi/L)	5.0	5.0	229.7	234.5	165	154.3	166.0	80.6	142	124.4	164	87.3	90.3
Selenium	0.05	0.05	<0.00323	<0.001	<0.00115	<0.00244	<0.002	0.001	0.004	0.004	0.003	0.003	0.003
Sodium	Reserved	Note 2	412	410.8	428	416.6	397.6	400	387	416.8	380	388	407.5
Sulfate	250	250	356.2	348.2	377.0	337.2	364.5	361	346	312	320	329	320
Uranium	0.030	0.030	0.0922	0.046	0.115	<0.122	0.072	0.133	0.110	0.188	0.1	0.0378	0.035
Vanadium	0.2	0.2	<0.0663	<0.07	<0.1	<0.0984	<0.10	0.098	0.10	0.127	0.1	0.1	<0.1
Zinc	5.0	5.0	<0.036	<0.026	<0.0131	<0.0143	<0.02	0.011	0.01	0.013	0.01	0.01	0.02
pH (Std. Units)	6.5-8.5	6.5-8.5	8.46	8.32	8.37	8.68	8.5	8.6	8.6	8.67	8.35	8.51	8.27
Calcium	N/A		12.5	13.4	13.3	11.2	12.6	12.8	12.2	12.3	13.6	11.8	14.9
Tot. Carb.	N/A		351	366.9	358.7	374.4	372	367.1	356	377	383	394	304
Potassium	N/A		12.5	12.6	13.9	16.7	11.5	11.9	12.9	11.8	13.9	10.1	13.1
Magnesium	N/A		3.2	3.5	3.5	2.8	3.4	3.2	3.2	2.7	3.5	3.4	3.4
TDS	500		1170.2	1170.4	1183.0	1221.1	1179.5	1192	1176	1137	1152	1101	1130

**United States Nuclear Regulatory Commission Official Hearing Exhibit**  
**In the Matter of:**  
 CROW BUTTE RESOURCES, INC.  
 (License Renewal for the In Situ Leach Facility, Crawford, Nebraska)



UNITED STATES NUCLEAR REGULATORY COMMISSION

ASLBP #: 08-867-02-OLA-BD01  
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 Rejected:  
 Other:

Identified: 8/18/2015  
 Withdrawn:  
 Stricken: