

**CAMECO RESOURCES  
CROW BUTTE OPERATION**



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November 13, 2015

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

ATTN: Document Control Desk, Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Source Materials License SUA-1534  
Docket No. 40-8943  
Monitor Well Excursion – SM10-21  
Missing Lab Data

Attn: Document Control Desk:

On October 29, 2015, CBO submitted a letter to the NRC describing an excursion at SM10-21. Missing in this submittal was the laboratory data for October 27, 2015. Please find enclosed this data sheet.

If you have any questions or require any further information, please do not hesitate to call me at (308) 665-2215 ext 114.

Sincerely,  
CAMECO RESOURCES  
CROW BUTTE OPERATION

*Larry Teahon*

Larry Teahon  
SHEQ Manager

Enclosures: As Stated

cc: NRC – Deputy Director  
CBO - File  
ec: CR – Casper Office

*NM5520*



**Crow Butte Project**  
**Monitor Well Laboratory Report**

Sample Date: 10/27/2015

Analysis Date: 10/27/2015

Well ID	Alkalinity (mg/L)	Alk SCL	Alk MCL	Conductivity (µMho/cm)	Cond SCL	Cond MCL	Chloride (mg/L)	Cl-SCL	Cl-MCL
SM07-023	177	278	232	455	850	708	3.7	59	50
SM07-024	188	259	216	576	809	674	8.3	45	37
SM07-025	157	202	168	362	645	538	3.2	52	44
SM10-016	255	382	318	587	850	708	11	28	23
SM10-017	248	374	312	563	835	696	10	28	23
SM10-018	240	346	288	543	763	636	9	24	20
SM10-019	246	369	307	568	778	648	11	25	21
SM10-020	233	360	300	622	792	660	28	27	22
SM10-021	232	360	300	624	806	672	28	27	23
SM10-022	239	360	300	555	778	648	11	23	20