

**CAMECO RESOURCES  
CROW BUTTE OPERATION**



**86 Crow Butte Road  
P.O. Box 169  
Crawford, Nebraska 69339-0169**

**(308) 665-2215  
(308) 665-2341 – FAX**

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January 21, 2013

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Michael Linder, Director  
Nebraska Department of Environmental Quality  
P. O. Box 98922  
Lincoln, Nebraska 68509-8922

Dear Mr. Linder:

On January 18, 2013, during routine 10-year Mechanical Integrity Testing (MIT), well number P-3357 in Mine Unit 8, Wellhouse 39 failed the MIT criteria. Using isolation techniques, it was determined that the failure is the casing joint at the 20-foot level. Shar Sapp, of the NDEQ field office in Chadron and Ron Burrows, NRC Project Manager were notified concerning this well on January 18, 2013.

P-3357 has not been operated as a production well since January 25, 2007 and successfully passed a MIT on March 6, 2008. Due to the past history of this well it is unlikely that any contamination has occurred. Shar Sapp reviewed the information for this well and concurred that the likelihood for contamination was minimal.

The nearest Shallow Monitor (SM) well to P-3357 is SM8-8. I have enclosed the latest results from this Shallow Monitor well for your review.

At this time, Crow Butte intends to repair P-3357 by installing a sleeve to cover the failed joint. The well will then be re-MIT'd to ensure that the repair is sufficient. If CBR is unable to repair the well, then it will be abandoned according to approved procedure.

If you have any questions or concerns on this matter, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Doug Pavlick".

Doug Pavlick  
General Manager

# CROW BUTTE RESOURCES, INC.

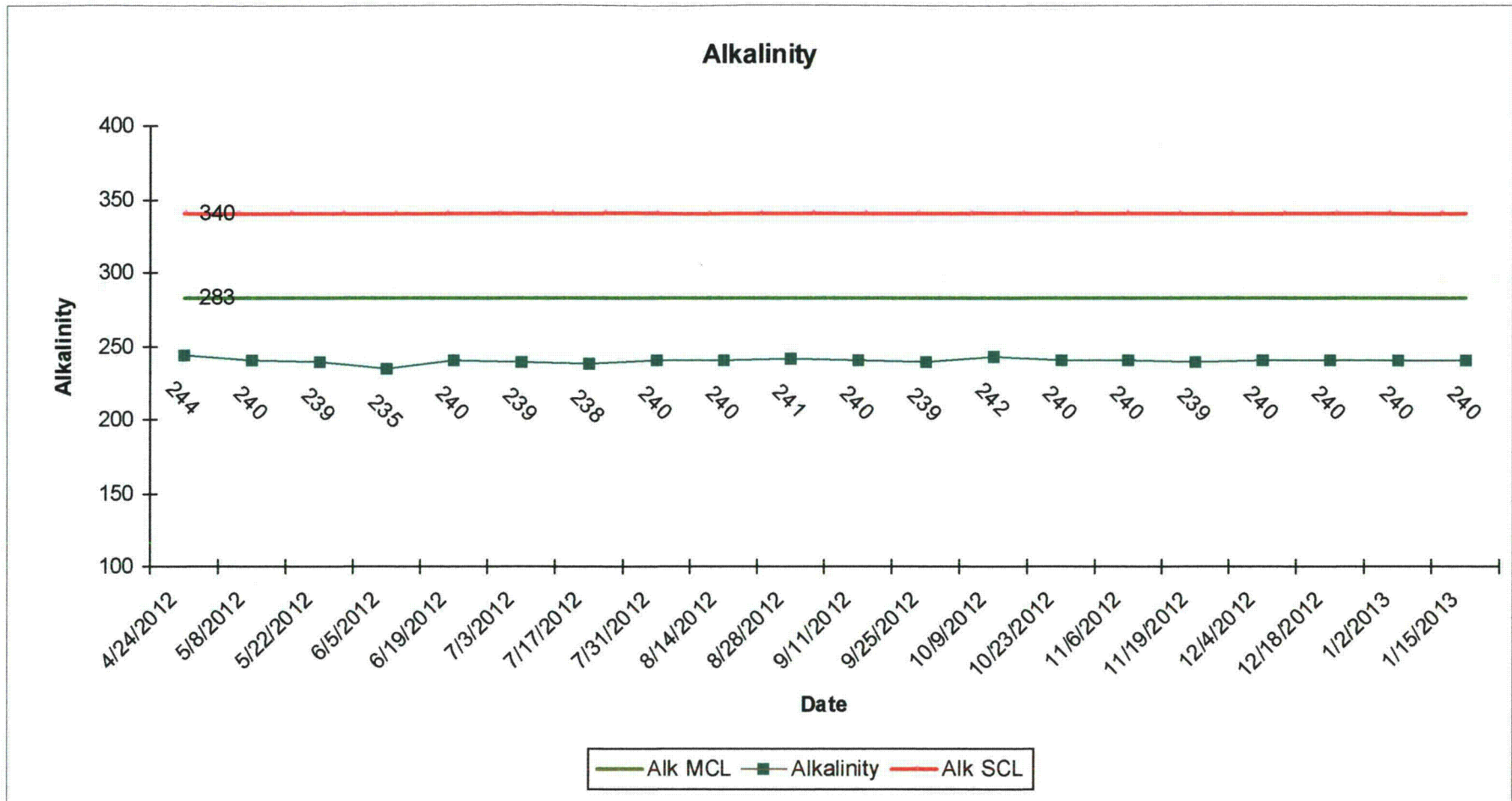


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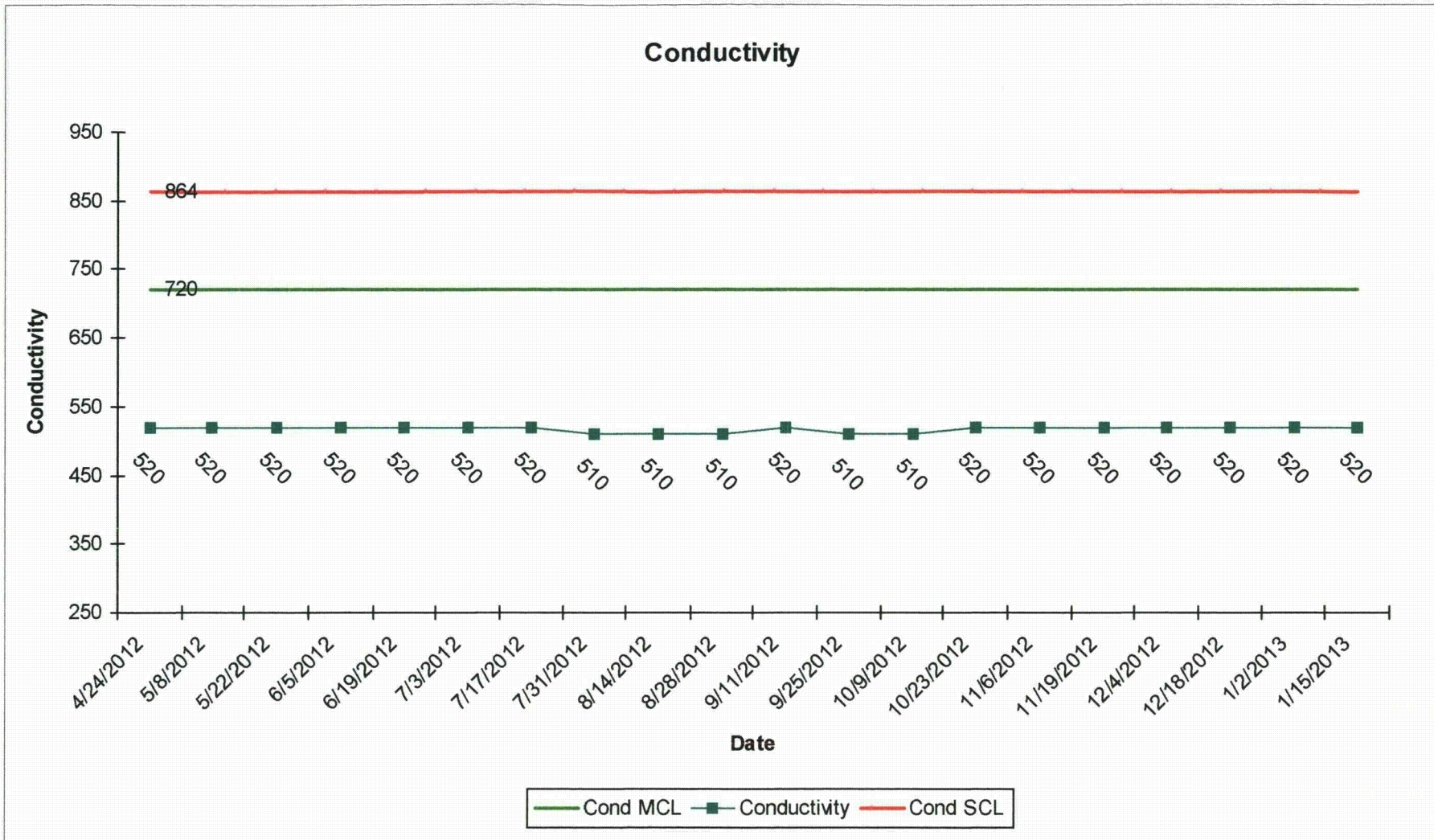
## Enclosures

cc: Shar Sapp – NDEQ  
Ron Burrows – NRC  
CBO – File  
ec: CR - Cheyenne

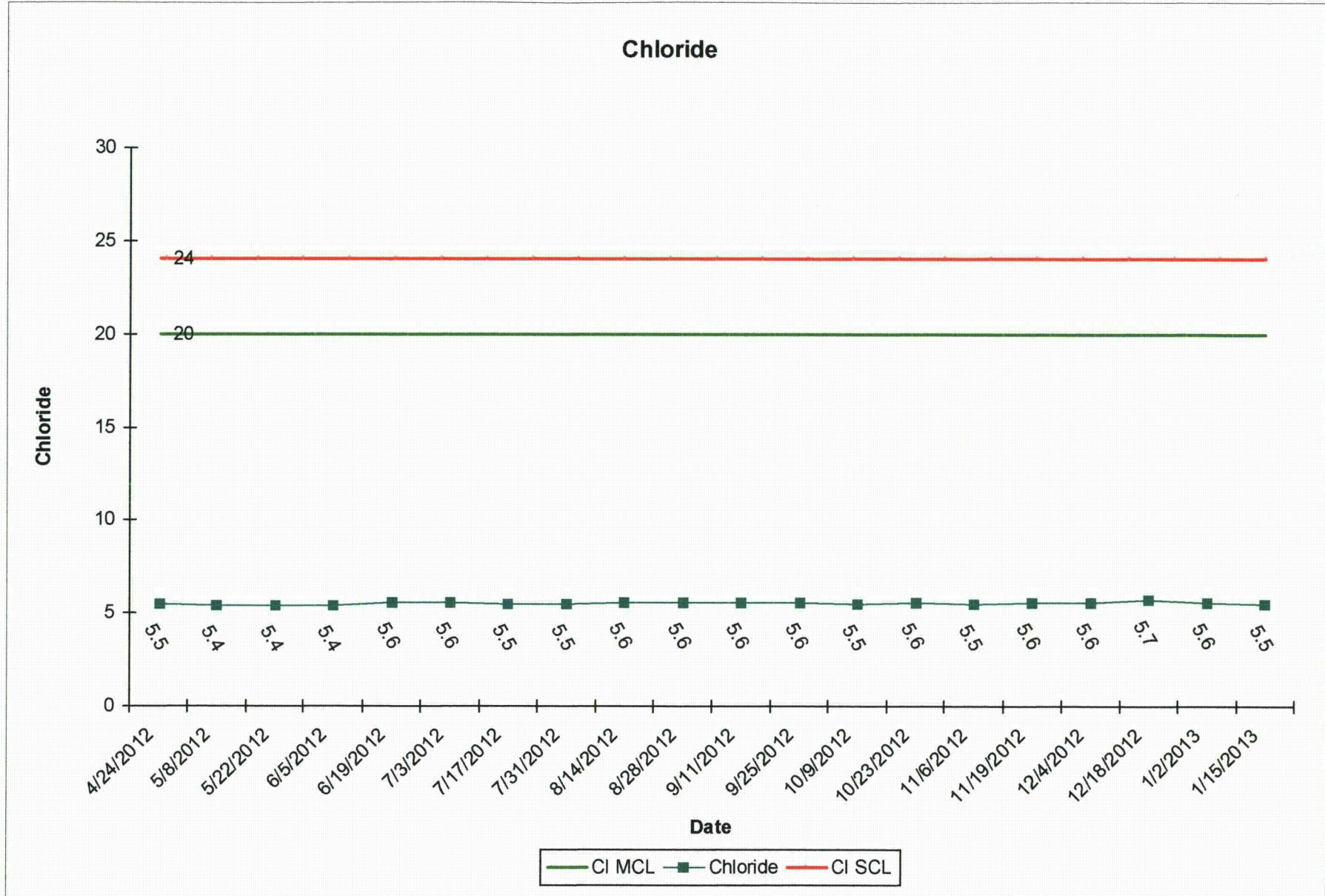
# SM8-8



# SM8-8

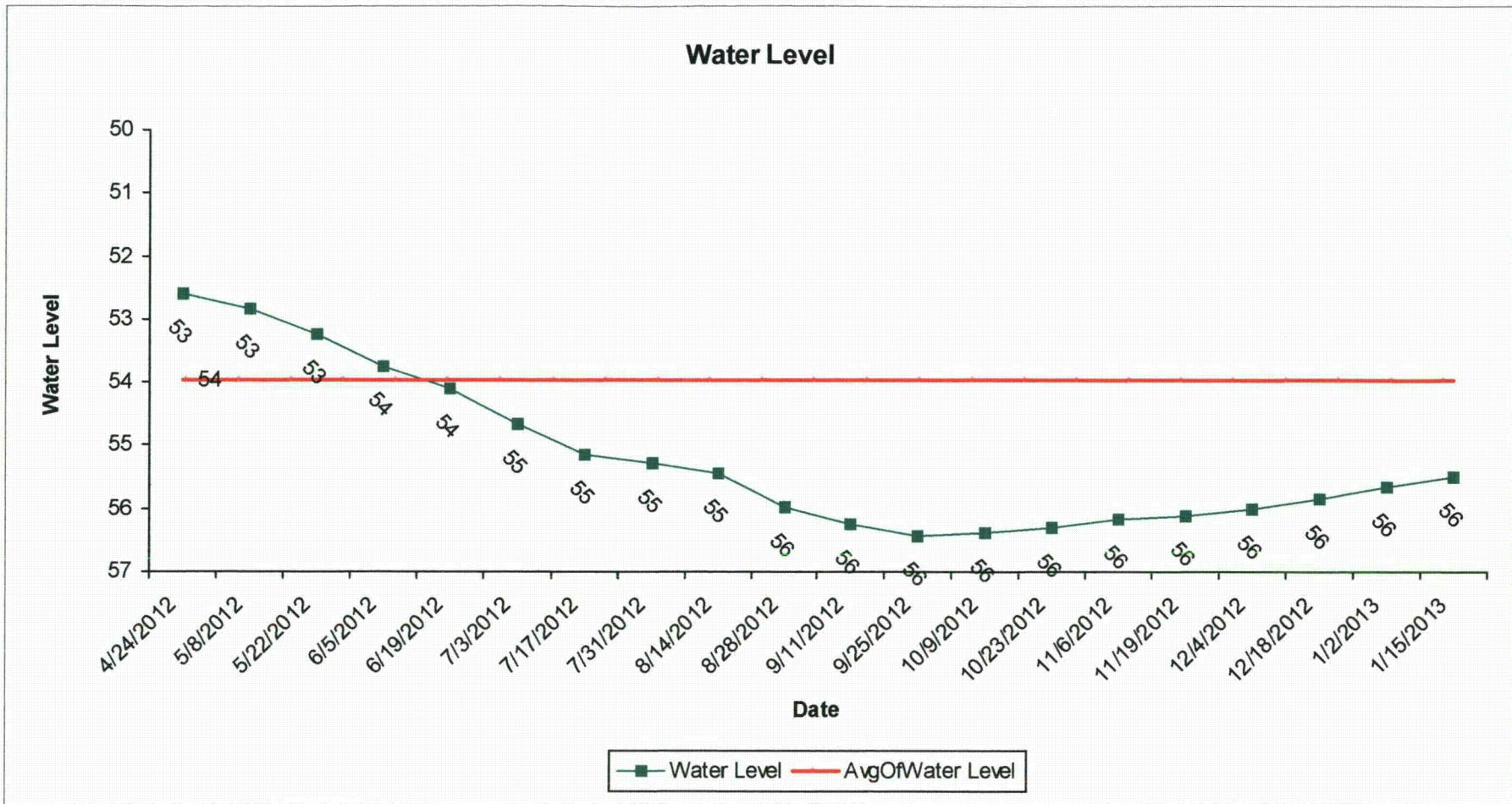


# SM8-8





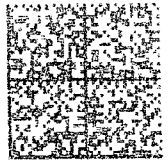
# SM8-8



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**Cameco**

**CAMECO RESOURCES**  
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Crawford, NE  
69339 USA

Mr. Ron Burrows, Project Manager  
Decommissioning and Uranium Recovery Licensing  
Directorate  
Division of Waste Management and Environmental  
Protection  
Office of Federal and State Materials and  
Environmental Management Programs  
Mailstop T8-F5  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

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