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## OGMCOAL - Re: Chemical Injection System Update

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**From:** Steve Christensen  
**To:** JD Leonard  
**Date:** 3/26/2012 9:40 AM  
**Subject:** Re: Chemical Injection System Update  
**CC:** Dave Shaver; Ken Hoffman; OGMCOAL

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Hi JD,

Thanks for the update. Please continue to keep us informed as things progress. We'll be out to Crandall with OSM next Tuesday. Our plan is to leave Salt Lake around 7:30 a.m., which should put us at the mine shortly before 10:00 a.m.

It's absolutely integral that we have an accurate value for the chemical injection rates. We have a lot of agencies and stakeholders keeping an eye on Crandall Creek. That said, the faster you can get the equipment calibrated and provide accurate readings the better. I have to be persistent on this one JD. Let me know this week where you're at with this.

Quick reminder, the February flow data and mine-water chemistry data is due to us by the end of this week. To reiterate, you can e-mail the February 2012 spreadsheets with the chemistry data for the pre-treatment and post-treatment samples as well as the spreadsheet with flow values (not the average, but rather the monthly data).

In addition, the data for the 4th quarter of 2011 must be put into the water database if it hasn't been done already.

Call me with any questions that you might have.

Thanks,  
Steve

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>>> "Leonard, JD" <jleonard@coalsource.com> 3/23/2012 2:08 PM >>>  
Hi Steve,

Sorry that I didn't get with you yesterday I was out of the office. Quick update SGS Lab is preparing for the Residual Polymer Test they said that it would take them about a week to prepare, that being said as soon as they are ready UEI will report a sample to them for testing, we will have a sample to them by next week. I also wanted to let you know that I met with a Nalco representative on Wednesday the

21st and we plan on meeting again next week up at Crandall to manually check the calibration of the flocculent PPM among other things. I will keep you informed as we move forward.

Thank You  
JD Leonard