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Outgoing
C/007/0038
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From: April Abate
To: Dennis (WC) 0475 Ware
CC: OGMCOAL@utah.gov; Steve Demczak
Date: 11/17/2008 3:57 PM
Subject: Re: Willow Creek and Castle Gate Water Monitoring Data for 3rd Qtr 2008
Place: OGMCOAL@utah.gov
Attachments: April Abate.vcf

Hi Dennis,

As we just discussed on the telephone, if the manufacturer of your meter does not offer calibration/maintenance services, I recommend a very reputable company that I often worked with back east, U.S. Environmental. Unfortunately, I do not know of any environmental equipment repair facilities in Utah (wish I did). Here is the company's link:

http://www.usenvironmentalrental.com/support.htm

To reiterate what we discussed, based on what I am reading in Section 4.7.2.3 of the MRP under Water Monitoring Plan on page 4.7-12, it does specify that field measurements are required for pH, specific conductance, and temperature. Given the timing of your next sampling event is set for the end of November, it is unlikely that you will be able to have your meter fixed in time. The Division is aware of this and therefore, will permit you to have the laboratory analyze for these parameters for fourth quarter monitoring so long as hold times are met.

Thanks Dennis, please call me if you have questions or if I may be of any further assistance.

April

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>>> "Ware, Dennis (WC) 0475" <dware@foundationcoal.com> 11/17/2008 11:55 AM >>>

April,

It was my pleasure to spend time with you last week as we toured the reclamation sites. As we discussed, I believe that my field testing instrument has not been reliable for conductivity and dissolved oxygen so I have instructed the lab (SGS in Huntington) to conduct these tests for me for the past few quarters. I have also had the lab test pH but have provided the field test data for pH as a comparison. We should determine if having the lab perform testing that is identified as field test data is a problem and if so I will find a way to have my instrument checked and calibrated; there is likely not time to have this done prior to the 4th Qtr. 2008 sampling. I checked with the SGS lab concerning instrument calibration and they do not perform this service. I also talked to the lab chemist, Domenic Ibanez, (domenic.ibanez@sgs.com) concerning the Cations / Anions Balance issue and he is looking into it. I also discussed with Domenic the issue of lab vs. field testing results and he said the lab data should be as valid as the field testing if not more so as a result of the controlled environment, however, this may or may not be the issue here.

I have uploaded the 3rd Qtr. Water monitoring data for the Castle Gate and Willow Creek permits for the 3rd Qtr. 2008. You will note that the Conductivity result indicates that the "Method" (SM2510) is not valid. The lab told me they recently changed over their computer system and in fact they do use the SM2510-B Method and it was just a typo on the coma delineated file.

Please give me a call at 435-650-2951 if you want to discuss these issues further.

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