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Page 1 of 1

## OGMCOAL - RE: Chemical Storage at Crandall

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**From:** "Shaver, Dave" <dshaver@coalsource.com>  
**To:** "Kevin Lundmark" <kevinlundmark@utah.gov>  
**Date:** 4/20/2010 11:46 AM  
**Subject:** RE: Chemical Storage at Crandall  
**CC:** "Marrelli, Dana" <dmarrelli@coalsource.com>, "Daron Haddock" <daronhaddo...

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Kevin... The tote you observed at the spillway was empty. We placed it there last year when we needed to decant the sediment pond, and used it (by filling it up and timing the filling) as a means of verifying the flow rate of the decant pump. This rate was then used as a basis for determining the total discharge volume for UPDES reporting purposes. While it is handy as a calibration check, I will have Scamp move it in the name of housekeeping. The mark on the PVC pipe is the level above which the pond cannot be filled without infringing on the 10/24 runoff storage volume. Please let me know if you have additional comments or concerns. Thanks

Dave

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**From:** Kevin Lundmark [mailto:kevinlundmark@utah.gov]  
**Sent:** Tuesday, April 20, 2010 8:56 AM  
**To:** Shaver, Dave  
**Cc:** Marrelli, Dana; Daron Haddock; Jim Smith; Karl Houskeeper; OGMCOAL@utah.gov; Steve Christensen  
**Subject:** Chemical Storage at Crandall

Dave,  
Yesterday at Crandall Canyon I observed a chemical tote stored in the emergency spillway of the sediment pond - see attached photo 04192010 032. The only label on the tote reads "hydraulic fluid concentrate" (photo 04192010 041). Please remove this tote from the sediment pond spillway and store in an appropriate location.

Photo 04192010 032 also shows a 4-in PVC pipe and roof bolt near the sed pond outlet structure. Are one of these the surveyed sediment clean out markers? Please confirm.

Thanks,  
Kevin

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