

## OGMCOAL - Crandall Canyon: Baseline Data Collection

---

**From:** Steve Christensen  
**To:** Dana Marrelli; Erik Petersen; OGMCOAL  
**Date:** 9/28/2010 4:38 PM  
**Subject:** Crandall Canyon: Baseline Data Collection

---

Dana and Erik,

I wanted to give you guys a heads-up on the baseline data collection commitments in the Crandall MRP for ground and surface water. According to the MRP, baseline data is to be collected in the low flow period (fourth quarter) in 2010.

To save you some time finding the language, here are the references-

**Ground Water:** *3rd paragraph, page 7-30.* "Samples collected during the low-flow period of the year (fourth quarter) will be analyzed according to the list of parameters contained in Table 7-5 (as requested in guidelines from DOGM) in the years 1990, 1995, 2000, and at 5-year intervals thereafter until the surety bond is released.

**Surface Water:** *1st paragraph, page 7-35.* "In the years 1990, 1995, 2000 and every fifth year thereafter, the samples collected during the low-flow period (normally fourth quarter) will be analyzed according to Table 7-9".

Let me know if you think I'm interpreting this wrong, but it appears that the 'kitchen-sink' parameters need to be analyzed for in the 4th quarter of this year.

Give me a call if you have questions or want to discuss.

Thanks,  
Steve

Steve Christensen  
Environmental Scientist III  
Utah Division of Oil, Gas and Mining  
(801) 538-5350