

**From:** Forgue, Scott A (DEC) [scott.forgue@alaska.gov]  
**Sent:** Friday, August 19, 2011 5:22 PM  
**To:** Mark Buggins  
**Cc:** deano@cityofsitka.com; Bulkow, Susan J (DEC)  
**Subject:** Preliminary Draft Water Quality Monitoring Plan - Blue Lake Hydroelectric Project (FERC No. 2230) Expansion (RE: Water Quality)

Hi Mark,

The "preliminary draft water quality monitoring plan" addresses the need for monitoring and the framework for a monitoring program, and leaves details to be developed. The details that are most important from the drinking water perspective are Coliform bacteria, turbidity, and disinfection by-product precursors. While not referenced in the plan, upon construction and operation of UV treatment, UV transmittance will also be important.

Please help me understand how the data collected will be used. (Perhaps this is developed in a separate component of the project documentation.) As we are aware, high Coliform counts or elevated turbidity would have an immediate impact on the compliance status of the drinking water system.

Thank you,  
Scott

Scott Forgue, P.E.  
Engineering Coordinator: Kenai/Southeast Area  
State of Alaska Drinking Water Program  
43335 Kalifornsky Beach Road, Suite 11  
Soldotna, AK 99669  
**(907) 262-3417 (Note change of telephone number)**  
FAX: (907) 262-2294

---

**From:** Mark Buggins [<mailto:markb@cityofsitka.com>]  
**Sent:** Wednesday, August 17, 2011 10:39 AM  
**To:** Forgue, Scott A (DEC)  
**Subject:** FW: Water Quality  
**Importance:** High

Scott:

I am guessing this got buried in your inbox.

The project engineer is holding up going final on this water quality monitoring plan waiting for comments from DEC. we have tried to capture all the concerns and then some that were brought up by CH2MHill in their evaluation of the dam raising project.

Pls let us know your thoughts asap.

Thanks

Mark

---

**From:** Dean Orbison [<mailto:deano@cityofsitka.com>]

**Sent:** Thursday, August 11, 2011 11:39 AM

**To:** Charles Mike Prewitt

**Cc:** Mark Buggins

**Subject:** Water Quality

Mike,

We have received no comments.

Mark,

we received no comments from DEC, on this plan. I would like them to comment before we go final.

Dean