

Appendix D. Best Management Practice Trip Reports

Corner Bay Facility Maintenance, Sitka Ranger District, Tongass National Forest

August 11, 2014

Background

An interdisciplinary group evaluated best management practices (BMPs) on facility maintenance at the Corner Bay facility. This work was accomplished in 2014. The Corner Bay facility has potable water supplied from a spring or surface source through Alaska Department of Environmental Conservation (ADEC) public water #AK2131139 and AK2131140. The potable water system #152PWS uses raw water collected from upland-upslope creek at an “impoundment on the creek” to intake at a pump house.

Water System #152PWS

The implementation questions evaluate practices used to minimize water quality impacts.

The pump house collapsed into the “impoundment”. This site needs to have material from the creek removed because bedload filled in the impoundment, limiting water collection. This stream is labelled a Class I, anadromous fish stream.

Corrective Actions

Before corrective actions can be taken to fix the pump house and remove bedload from the impoundment, permits will be needed from the Corps of Engineers and concurrence must be received from the Alaska Department of Fish and Game for maintaining this water system in the stream. We may also need the Alaska Department of Natural Resources water rights approval for the stream.

Corner Bay Septic System #152SS

The current wastewater system is rated at 500 gallons/day in a drain field to meet ADEC requirements to construct and approve operable and new systems with secondary treatment and new drain field as required for “Approval to construct and Approval to Operate”.

Corrective Actions

No corrective actions were listed for the septic system.

Fuel Tanks

The facility review found that there were two 1,000 gallon double walled fuel tanks filled with sludge. These tanks do not have the potential to affect water quality or aquatic health. There are no leaks from the tanks (Photo 3).

Corrective Actions

Corrective actions were not listed in the review.



Corner Bay Figure 1. Location map 1 for the Corner Bay facilities located on the Sitka Ranger District



Corner Bay Photo 1. Water damage and mold due to roof leak, which has been repaired.



Corner Bay Photo 2. Kitchen facilities



Corner Bay Photo 3. (a) and 3. (b). Fuel Tank (end view) and side view



Corner Bay Photo 4. Propane Storage



Corner Bay Photo 5. Hazmat sign



Corner Bay Photo 6. Used oil container