

# North Pole Unit 1, Thorne Bay Ranger District, Tongass National Forest

September 16, 2014

## Background

An interdisciplinary group (Dennis Landwehr, Tongass Soil Scientist Program Manager; Delilah Brigham, Thorne Bay Planning Program Specialist; Rachelle Huddleston-Lorton, Thorne Bay District Ranger; Carol Seitz-Warmuth, Tongass Inventory and Monitoring Coordinator) evaluated best management practices (BMPs) on completed timber harvest. This unit was clearcut shovel-logged with a 100-foot stream buffer and 75-foot riparian management area (RMA) buffer along an unnamed stream. The unit was approved as part of the Goose Creek Environmental Assessment (EA).

## BMP Implementation

The implementation questions evaluate practices used to minimize water quality impacts. No adverse actions were reported during implementation.

### ***Corrective Actions to Improve Implementation***

The aquatic management zone (AMZ) buffers could be wider at four places.

Debris needed to be removed from the Class IV stream. The stream was probably hard to identify because it was intermittent with no defined channel.

### ***Adaptive Management Actions to Improve Implementation***

The sale administrator could flag water bar locations, but since these plans change, they usually go over this with the contractor prior to road closure.

## BMP Effectiveness

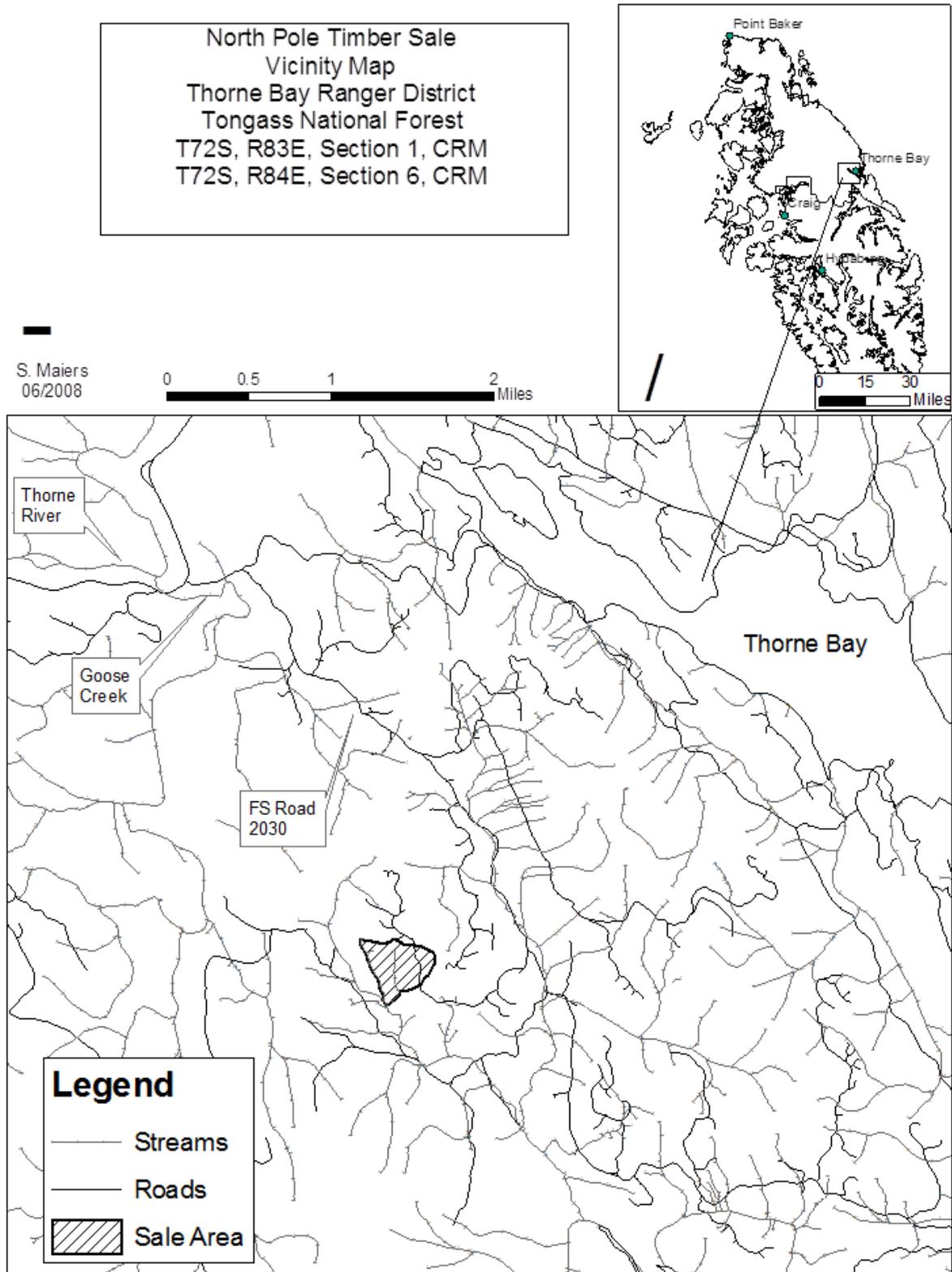
The BMPs seem effective in limiting potential or current impacts to water quality.

### ***Corrective Actions to Improve Effectiveness***

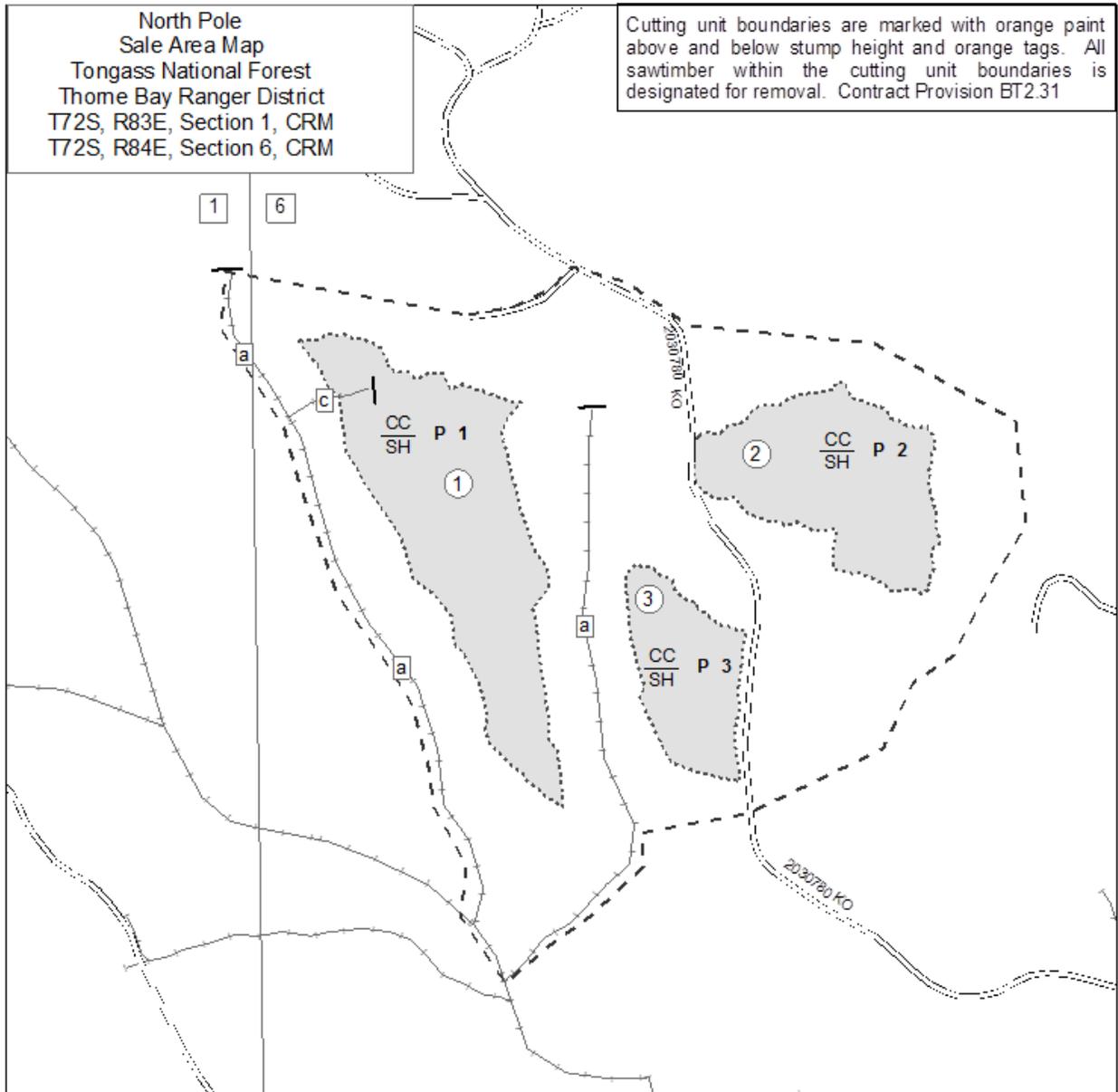
Consider adding water bars and cross drains to temporary roads.

### ***Adaptive Management Actions to Improve Effectiveness***

No adaptive management actions were noted.



North Pole Unit 1 Figure 1. North Pole Timber Sale vicinity map



North Pole  
Sale Area Map  
Tongass National Forest  
Thome Bay Ranger District  
T72S, R83E, Section 1, CRM  
T72S, R84E, Section 6, CRM

Cutting unit boundaries are marked with orange paint above and below stump height and orange tags. All sawtimber within the cutting unit boundaries is designated for removal. Contract Provision BT2.31

- KO Keep Road Open, BT6.22
- Section Lines
- Sale Area, BT 1.1
- Existing Road, BT5.12
- ..... Cutting Unit Boundary, BT 2.3 and Payment Unit Boundary, BT 1.1
- ① Payment Unit Number, BT2.41
- [a] Categories of Streamcourse Protection, CT6.51
- Protected Streamcourse, CT6.51  
Block Denotes Upper Limits
- CC Clearcut, BT2.3, BT2.31
- SH Shovel Yarding, BT6.42
- P Partial Suspension Yarding Specified, CT6.42#
- [6] Section Number



North Pole Unit 1 Figure 2. North Pole Timber Sale unit map



*North Pole Unit 1 Photo 1. Temporary road accessing Single Pit Timber sale unit*



*North Pole Unit 1 Photo 2. North Pole Unit 1 (west)*



*North Pole Unit 1 Photo 3. Stream buffer, Unit 1*



*North Pole Unit 1 Photo 4. Stream buffer, North Pole Unit 1*



*Photo 5. Stream buffer, North Pole Unit 1*



*North Pole Unit 1 Photo 6. Unit 1 clearcut*