

“BAR” MONITORING GUIDELINES

The “bar” monitoring guidelines were established during the adoption of waiver of waste discharge for the Scott Creek THP 1-000000SCR. The guidelines contained language specific to Scott Creek. Regional Board have revised the “bar” monitoring guidelines to be applicable to any proposed timber harvest activity

Monitoring Points:

- A. **STREAM CROSSINGS BY ROADS:** Monitoring for turbidity shall be performed at least 25 feet up and down stream of stream crossings by roads.
- B. **UPSTREAM MONITORING POINT:** The upstream monitoring point shall be near the upper extent of timber operations¹.
- C. **DOWNSTREAM MONITORING POINT:** The downstream monitoring shall be near the lower extent of timber operations.

Monitoring Parameters:

Turbidity - All monitoring points shall be monitored for turbidity (A hand held turbidimeter may be used for this purpose).

Temperature - Temperature shall be monitored continuously² at the up and down stream monitoring points.

Monitoring Frequency:

Turbidity - Turbidity Monitoring shall occur during or within twelve hours of a storm event with two inches or more of rain within a 24-hour period.

Temperature - Temperature shall be monitored during periods of low flow each year. Low flow period is defined as the months of May through November.

Monitoring Follow-up: If turbidity or temperature data collected under this monitoring program indicate water quality impacts, then the source of the water quality impacts shall be investigated and remediate, if possible.

For turbidity, a significant difference exists when the down stream sample is at least 50 NTUs and 20% greater than the up stream sample.

For temperature, a significant difference is either 5 degrees Fahrenheit (°F) between the up and down stream monitoring points or when water temperature approaches the upper limit (71.5 °F) for salmonid survival.

Reporting: On July and February 1 of each year the timber harvest plan is active or in the post harvest erosion control monitoring status, the forester shall submit a report that documents the dates monitoring was performed, a summary of all actions taken as a result of monitoring, if any, and any recommendations to improve this monitoring and reporting program. The forester shall also maintain a logbook of all monitoring and field inspection findings. This logbook shall be made available to Regional Board staff when requested.

¹ Monitoring further upstream is recommended and at the discretion of the forester.

² “Hobo temps” shall be used for continuous temperature monitoring