

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

Monitoring & Reporting Program No. R3-2004-0074

For

**The Little Creek Timber Harvest Plan
THP No. 1-04-053 SCR
Santa Cruz County**

1. MONITORING POINTS

- a. **UP AND DOWN STREAM OF THE TIMBER HARVEST PLAN** – Up and down stream monitoring points shall be established at the Main Stem, North Fork and South Fork Flumes as shown on Attachment A. These monitoring points shall be monitored for temperature as described below.
- b. **VISUAL MONITORING POINTS** – Visual monitoring of all roads, watercourse crossings, landings, and skid trails, and, if possible, all watercourse confluences and known landslides on the timber harvest plan.
- c. **PHOTO-POINT MONITORING POINTS** – Photo-point monitoring points shall include the top and bottom of each landslide, up and down stream of each watercourse crossing, watercourse confluence (1 through 4 as shown on Attachment A), and each landing located within a WLPZ. If feral pig activity, trespassing or other potential sources of erosion are discovered or known, photo-points shall be established for each of these locations. Flagging, rebar or another method of establishing the photo-point site locations shall be utilized. The document entitled “Standard Operation Procedure 5.2.3 - Photo Documentation Procedure” shall be utilized as the protocol for all photo-point monitoring. All photo-point locations shall be maintained until this Monitoring & Reporting Program is rescinded.

2. MONITORING CONSTITUENTS/FREQUENCY

- a. **TEMPERATURE:** The up and down stream along the Class I watercourse monitoring points shall be monitored for temperature using a “Hobo” temperature monitoring type device or other continuous monitoring device. Temperature monitoring shall be performed from July 1 to November 1 of each year. Temperature shall be monitored at least once every two hours.
- b. **VISUAL MONITORING:** All visual monitoring points shall be monitored for existing or potential sources of erosion. Visual monitoring shall be performed within 24 hours of all storm events of two inches of rain or greater within a 24-hour period. Starting in the second year following timber harvest activities, visual monitoring shall be consistent with the Big Creek Roads Inventory Program (Attached).

d. **PHOTO-POINT MONITORING:** All photo-point monitoring points shall be monitored following:

- The first significant storm event (First Storm) during, and following completion of timber harvest activities, and
- Following any significant storm event during the month of April (April Storm).

Photo-point monitoring shall occur within seven days of the First Storm and April Storm events. If no significant storm event occurs in the month of April, photo-point monitoring shall be completed by April 30 of the same year. Starting in the second year following completion of timber harvest operations, the First Storm photo-point monitoring may be discontinued (i.e., only the April Storm photo-point monitoring is required). A significant storm event shall be any storm of two or more inches of rain in a 24-hour period.

3. DATA LOGGING AND REPORTING

- a. **LOGBOOKS:** The Discharger shall maintain logbooks for recording all visual and water analysis data. These logbooks shall be made available for inspection to the regional board staff when requested with at least 24 hours notice.
- b. **SEDIMENT RELEASE REPORTING:** All releases of at least 200 ft³ (7.4 yd³) of soil from a non-anthropogenic sediment source (i.e., landslide, stream bank collapse, etc) or one cubic yard from an anthropogenic sediment source (i.e., directly related to roads, skid trails, landings, etc) to a waterway shall be reported to the Board within 24 hours.
- c. **VIOLATION REPORTING:** If a violation of the Forest Practice Rules occurs which is related to water quality, then this event shall be reported to the Regional Board within 24 hours.
- d. **WINTER RE-GRADING OF ROADS:** Regional Board staff shall be notified via telephone at least 48 hours prior to commencement of road re-grading in the winter period.
- e. **ANNUAL REPORT:** By August 15 of each year, an Annual Report shall be submitted to the Regional Board that addresses the following
- i. A summary of timber harvest activities that occurred the previous year and are planned for the following year.
 - ii. A summary of all wet weather problems observed,
 - iii. A summary of all non-timber harvest activities within the THP including trespassing, off road vehicle activity, fires, and construction activity during the year and proposed measures to minimize water quality impacts from these activities.
 - iv. A summary of all erosion control practices implemented,
 - v. Recommendations for wet weather preparation for the next year,
 - vi. Summary of the water quality monitoring performed during the previous year,
 - vii. A status update of the "Little Creek Study,"
 - viii. A summary of the "Big Creek's Road Inventory Program" that pertains to this timber harvest plan, and
 - ix. Recommendations for improving the monitoring and reporting program.

4. OTHER

- a. The Discharger is responsible for ensuring that all monitoring is done in safe manner. If any monitoring point is too dangerous to sample, then this circumstance shall be reported to the Board within 48 hours.
- b. This Monitoring & Reporting Program may be changed and rescinded at the discretion of the Executive Officer.

Ordered By: _____
Executive Officer

Date: _____