

## **Outline of Tasks and Responsibilities for North Coast Region NTMP Monitoring**

The North Coast Regional Water Board and CAL FIRE are conducting a joint monitoring program for NTMPs. However, the monitoring goals are different for each agency. This outline of tasks is intended to coordinate activities to allow each agency to meet its goals.

For this program, NTMPs in the North Coast Region are divided into two categories: those with recent Notice of Timber Operations (NTOs) and those without.

### ***NTMPs with Recent NTOs***

#### **Pre-Inspection**

A random selection of NTMPs with recent NTOs will be created by CAL FIRE, with a beginning date of November 1, 2007.

An initial goal will be to jointly survey 10% of these NTMPs (approximately 13). More NTMPs can be sampled jointly if time and resources allow. Furthermore, CAL FIRE may conduct additional surveys of randomly selected plans without Regional Water Board staff present.

After random selection is made, both agencies will review the NTMP to determine if it meets inspection criteria (e.g., the NTMP has a minimal number of watercourse crossings). If the NTMP is acceptable, CAL FIRE Forest Practice Inspectors will schedule a mutually agreeable date with Regional Water Board staff for the inspection and notify the RPF/landowner prior to accessing the NTMP.

#### **Field Inspection**

For the 2011 field inspection, CAL FIRE will use FORPRIEM methods to select a random 200 foot WLPZ segment and a 660 foot road segment, and include two randomly located watercourse crossings. A joint CAL FIRE/Regional Water Board survey will be done for the randomly selected watercourse crossings. Also, while the CAL FIRE inspectors and Regional Water Board staff are together, they will make observations on the road network using the NTMP Road Effectiveness Monitoring Form.

CAL FIRE will then survey the randomly located WLPZ and road segment. While CAL FIRE is surveying these segments, Regional Water Board staff will survey additional non-randomly located watercourse crossing and road segments.

At the end of the inspection, CAL FIRE and Regional Water Board staff will jointly fill out the road and overall evaluation forms. However, since there may be

differences in the observed areas and opinions of the inspectors, there may be differences in the rating of the NTMP. All forms will be reviewed for completeness prior to leaving the field.

### **Post Inspection**

Forms will be brought to each agency's quality assurance personnel and inspected for completeness. Forms will be scanned and shared between the agencies. Likewise, any photos and other notes on the inspection will be shared between the agencies.

## ***NTMPs without Recent NTOs***

### **Pre-Inspection**

The Regional Water Board will review the list of NTMPs without recent NTOs and identify RPFs that are associated with multiple plans. The Regional Water Board staff will then query those RPFs to determine if they know properties that would voluntarily allow the Regional Water Board to survey the NTMP. If the RPFs identify numerous NTMPs that may allow the survey, Regional Water Board staff may select a random selection from that list, either using the entire list or stratifying by RPF. The goal will be to inspect 12 NTMPs (approximately 3% of NTMPs without a recent NTO).

Furthermore, in an effort to assess selection bias, Regional Water Board staff will make further effort to survey NTMPs where the RPF initially indicated that the NTMP landowners would be unlikely to volunteer to have their properties surveyed by Regional Water Board staff. The Regional Water Board staff will attempt to contact the landowner and re-contact the RPF to see if the Regional Water Board staff will be allowed to inspect the NTMP. The goal will be to inspect at least 3 NTMPs in this sub-category (approximately 0.75% of NTMPs without a recent NTO).

Once the Regional Water Board has identified which NTMPs will be selected, the Regional Water Board staff will contact the local CAL FIRE Forest Practice Inspectors to determine if they would like to participate on the survey. Regional Water Board staff will coordinate with the RPF/landowner for access to the NTMP.

### **Field Inspection**

Regional Water Board staff will use the procedures described above to inspect watercourse crossings and the road network and fill out all forms. If CAL FIRE staff participates on the survey, they will also fill out survey forms. FORPRIEM field procedures and forms will not be used for NTMPs without a recent NTO.

### **Post Inspection**

Forms will be reviewed by the training officer and inspected for completeness. Forms will be scanned and shared with CAL FIRE, as describe above. Likewise, any photos and other notes on the inspection will be shared with CAL FIRE.

### ***Data Analysis***

Both agencies will coordinate data analysis in an effort to have a completed report by the end of November 2011.