

ATTACHMENT "G"

LAHONTAN REGION PROJECT GUIDELINES FOR EROSION CONTROL

In the interest of protecting surface water quality from unnatural or accelerated erosion caused by land development, the following guidelines shall be followed:

Guidelines Applicable To: **Little Truckee River Hydrologic Unit (HU No. 636.00)**
Truckee River Hydrologic Area (HU No. 635.20)
West Fork Carson River Hydrologic Unit (HU No. 633.00)
East Fork Carson River Hydrologic Unit (HU No. 632.00)
Mono Hydrologic Unit (HU No. 601.00)
Long Hydrologic Area (HU No. 603.10)

Temporary Construction BMPs

1. Surplus or waste materials shall not be placed in drainage ways or within the 100-year flood plain of surface waters.
2. All loose piles of soil, silt, clay, sand, debris, or earthen materials shall be protected in a reasonable manner to prevent discharge of pollutants to waters of the State. Material stockpiles should be placed on the upgradient side of excavation whenever possible. Stockpiles may also be protected by covering to prevent contact with precipitation and by placing sediment barriers around the stockpiles.
3. Dewatering shall be done in a manner so as to prevent the discharge of pollutants, including earthen materials, from the site. The first option is to discharge dewatering waste to land. A separate permit may be required if, due to site constraints, dewatering waste must be discharged to surface waters. Contact the Regional Board for information on discharging to surface waters.
4. All disturbed areas shall be stabilized by appropriate erosion and/or sediment control measures by October 15 of each year.
5. All work performed between October 15th and May 1st of each year shall be conducted in such a manner that the project can be winterized within 48 hours. Winterized means implementing erosion and/or sediment controls that will prevent the discharge of earthen materials from the site and the controls will remain effective throughout the rainy/snow season without requiring maintenance. In general, this requires stabilizing bare disturbed soils with mulch, erosion protection blankets, or other suitable materials, and installing perimeter sediment controls such as fiber logs or other similar materials that will remain effective during significant rain and snow events.
6. After completion of a construction project, all surplus or waste earthen material shall be removed from the site and deposited at a legal point of disposal.
7. All non-construction areas (areas outside of the construction zone that will remain undisturbed) shall be protected by fencing or other means to prevent unnecessary encroachment outside the active construction zone.
8. During construction, temporary erosion control facilities (e.g., impermeable dikes, filter fences, weed-free straw bales, etc.) shall be used as necessary to prevent discharge of earthen materials from the site during periods of precipitation or runoff.

9. Control of run-on water from offsite areas shall be managed (protected, diverted, treated, etc.) to prevent such water from degrading before it discharges from the site.

10. Where construction activities involve the crossing and/or alteration of a stream channel, such activities require a prior written agreement with the California Department of Fish and Game and shall be timed whenever possible to occur during the period in which streamflow is expected to be lowest for the year. Other control measures may be used as necessary to prevent adverse effects from work in surface waters.

Permanent Construction BMPs

1. Impervious surfaces should be constructed with infiltration trenches or comparable infiltration structures along downgradient sides to infiltrate the increase in runoff resulting from the new impervious surfaces. Infiltration structures should also be constructed to accept runoff from structural (roof top) drip lines. Other control measures may be considered if design and/or site constraints are such that construction of infiltration devices is infeasible. Additional specific design specifications are required for the Truckee, Little Truckee and Long Hydrologic Units/Areas (see specific requirements below).

2. Where possible, existing drainage patterns shall not be significantly modified.

3. Drainage swales disturbed by construction activities shall be stabilized by the addition of crushed rock or riprap, as necessary, or other appropriate stabilization methods.

4. Revegetated areas shall be regularly and continually maintained in order to assure adequate growth and root development. Physical erosion control measures (controls other than live vegetation) shall be placed on a routine maintenance and inspection program to provide continued erosion control integrity.

Additional Requirements for Specific Watersheds

Truckee River Hydrologic Area and Little Truckee Hydrologic Unit

1. Runoff from impervious surfaces shall be treated or contained onsite. For purposes of this requirement, the volume of water to be contained or treated is the 20-year, one-hour storm, which is equal to 0.7 inches of rain.

2. Except in the event of emergencies, land disturbance associated with project construction is prohibited between October 15th and May 1st of the following year. Exemptions may be granted by the Executive Officer on a case by case basis.

Long Hydrologic Area

Policy: (Contact the Regional Water Quality Control Board for information on permitting requirements delegated to the Town of Mammoth Lakes under a Memorandum of Understanding)

1. For Mammoth Lakes watershed at an elevation above 7,000 feet, drainage collection, retention, and infiltration facilities shall be constructed and maintained to prevent transport of the runoff from a 20-year, 1-hour design storm from the project site. A 20-year, 1-hour design storm for the Mammoth Lakes area is equal to 1.0 inch of rainfall.