



Northstar Environmental Management and Construction Oversight 2004 -2008

Integrated Environmental Restoration Services (IERS) has created an environmental management program with construction oversight for East West Partners encompassing 10 individual projects totaling more than \$10 million of development at Northstar-at-Tahoe. After several seasons of non-compliance with the Clean Water Act and associated National Pollution Discharge Elimination System (NPDES) general permit requirements, IERS led and managed an operational and cultural shift that has resulted in greater accountability and 100% compliance in 2007 and 2008.

A collaborative approach has been employed with all projects at Northstar to find viable solutions that address concerns for watershed health, financial obstacles, development goals and agency objectives. IERS' role on this project includes a wide range of responsibilities, such as: 1) preparation of Storm Water Pollution Prevention Plans (SWPPP), 2) development and implementation of a Best Management Practices (BMPs) training program, 3) partnership development and key agreements between all parties, 4) disturbed soil restoration/revegetation design, implementation and oversight, 5) water quality monitoring and reporting, 6) air quality monitoring, and 7) agency facilitation with Placer County, Lahontan Regional Water Quality Control Board (LRWQCB) and Department of Fish and Game (DFG).

This program has resulted in a cultural shift in the mindset of developers and contractors for project planning, ongoing BMP installation methods, and sediment source control practices. Watershed characteristics and financial allotments for BMPs and labor are increasingly becoming part of construction planning efforts. Daily, systematic procedures are in place for identifying and eliminating potential environmental threats to the Martis Creek Watershed.

Project Elements

- Preparation of SWPPP document and user-friendly SWPPP Field Handbook
- BMP training program
- Partnership development and key agreements
- SWPPP implementation oversight and BMP inspections
- Revegetation and restoration design and oversight
- Water quality monitoring program
- Air quality monitoring
- Agency facilitation

Key Outcomes

- Protection of Martis Creek watershed
- Increased awareness of regulatory requirements, stormwater controls and BMP effectiveness
- 100% compliance with water quality regulations in 2007-2008
- Incorporation of effective environmental protection practices into daily operating procedures on construction sites

Client: East West Partners

References: LRWQCB Eric Taxer (530) 542-5426
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