San Lorenzo River Siltation TMDL Implementation Status Summary

Implementation Action	Status
A. Regional Board Increase presence at Pre-Harvest Inspections to 100% of Class I and Class II watercourses (watercourses supporting use for domestic water supply, fish, and/or aquatic habitat for non-fish aquatic species).	• Attend approximately 75% of total waived permits • Goal continues to be 100%.
B. Regional Board Perform Post-Harvest Inspections 3 to 5 years after harvest on Timber Harvest Plans with Class I and Class II watercourse crossings.	• Attend approximately 32% of total waived permits 3 to 5 years after harvest have been performed. • Staff targets high risk Timber Harvest Plans (THPs) for post-harvest inspection
C. Agencies convene a Working Group of federal, state, and local agencies, and timberland owners and foresters to develop specific timber harvesting management practices for the San Lorenzo River Watershed.	• Forest Practice Rules have already been developed • Current discussions with foresters, timber representatives, and environmental interests focused on protection of water quality and beneficial uses, and waivers/Waste Discharge Requirements
D. County of Santa Cruz Planning Department enforce erosion control ordinance following 3-year Timber Harvest Plan maintenance period.	• California Department of Forestry addresses erosion control during the Pre-Harvest Inspection process consistent with the Forest Practice Rules • County is not currently enforcing the erosion control ordinance following 3-year THP maintenance period due to lack of authority/access to properties
E. County of Santa Cruz Planning Department develop strategy for more effective enforcement of County code violations pertaining to erosion control and sedimentation prevention throughout the San Lorenzo Watershed.	• Enforcement strategies are currently being undertaken (reorganized responsibility, creating internal manual; increased environmental code enforcement, correcting problems on a case-by-case basis to increase efficiency and effectiveness) • Biological staff on-site monitoring • County is revising erosion control ordinances
F. Regional Board will review evidence of Timber Harvest Plan Best Management Practices developed pursuant to Section 916.9 of 2001 Forest Practices Act during Pre-Harvest and Post-Harvest Inspections.	• Attend 75% Pre-Harvest Inspections • Attend 32% Post-harvest inspections 3 to 5 years • Staff targets high risk THPs for post-harvest inspection

G. State and local agencies create public road database to inventory and prioritize problems for correction.	• San Lorenzo River Road Related Erosion Assessment and Prevention Project:
	  • Culvert crossings, size, shape, conditions
	  • Fish passage
	  • GIS database
	• California Department of Transportation (Cal Trans) has mapped and prioritized roads in their jurisdiction
	• California Department of Forestry and Fire Protection has created a GIS database of THP roads through most of Santa Cruz County
	• Integrated Watershed Restoration Program (IWRP) prioritization

Implementation Action	Status
H. County of Santa Cruz will develop a Public Road Maintenance Best Management Practices (BMP) Program.	• Guidelines for protecting aquatic habitat for Salmon Fisheries for County Roads Maintenance • Public and Private Road Operations Manual (Erosion Control Manual) and staff trainings • Public Roads Maintenance Best Management Practice (BMP) Manual • Technical Staff Trainings • Municipalities have included Pollution Prevention and Good Housekeeping Measures (including street sweeping, preventing debris from road repair projects from entering streams, staff trainings) in their MS4 Storm Water Management Plans (SWMPs).
I. State and local agencies improve public road spoils management and disposal: develop spoils disposal site(s) in or near the San Lorenzo Watershed.	• Located one permanent spoils site (Cabrillo Sand and Gravel) - March 2004 • Goal to locate four more – one in each district within five years • CalTrans has management practices in place for managing spoils

J. California Department of Parks and Recreation assess State Park roads and trails for erosion into San Lorenzo River and tributaries. Develop a program for funding and addressing any identified problems.	• Santa Cruz Park District Road-Related Erosion Prevention Project by March 07:
	  • Grant from DFG
	  • currently finalizing contractor to do road assessment for sediment
	  • linking to GIS layer
	• Facility maintenance, Roads

K. Federal, state, local agencies/entities and landowners develop and implement private road improvement program.	• Resource Conservation District Cost-Share Implementation of Erosion and Sediment Control BMPs for Private Roads:
	  • Field Visits/Road Walks
	  • Road Tours/Workshops
	  • Outreach and Education
	  • Technical Training
	• Private Roads Maintenance Guide – July 2004
	• Municipalities are required to do Education and Outreach to prevent discharges from private roads, and have included this in their SWMPs.
	• IWRP road-related erosion control

L. County of Santa Cruz Planning Department evaluate need to revise erosion control provisions in Grading Regulations and Erosion Control Ordinance to better protect sandy-soil areas.	• Erosion control ordinances are being revised • Restructuring enforcement strategies • Prioritize field work/increase winter inspections
M. City of Scotts Valley evaluate need to revise erosion control provisions in Grading Regulations and Erosion Control Ordinance to better protect sandy-soil areas.	• Revised grading ordinance for erosion control 5-7 years ago • Plan to revise again when obtain MS4 stormwater permit
N. City of Santa Cruz evaluate need to revise erosion control provisions in Grading Regulations and Erosion Control Ordinance to better protect sandy-soil areas.	• Revised Grading Ordinance for erosion control - May 2004

Implementation Action	Status

O. Local agencies/entities and livestock owners promote improved livestock management practices to reduce discharge of sediment.	• Prop 13 Manure Management Grant:
	  • Horse BMP Packets for workshops and for public distribution
	  • Participation on Horse Manure Mgt committee
	  • Field Visits to Horse Ranches
	  • Provide Resource Info
	  • Horse Workshops/Tours/Talks
	• Valley Women's Club (SEP) Demonstration Project

P. State and local agencies implement education programs and modify policies and procedures to improve riparian corridor protection, maintain channel integrity, implement alternatives to hard bank protection, and retain woody material.	• California Coastal Salmon Recover Program • Henry Cowell Redwoods State Park interpretive sign and brochure • Permit Coordination • Department of Fish and Game Organizational Support • IWRP - watershed restoration, monitoring and outreach and education
Q. State and local agencies develop strategy to reduce erosion from discrete sources, including Mount Hermon slide, Bean Creek Road slides, McEnery Road, Skypark, Rancho Rio and Monte Fiore.	• Monte Fiore, City of Scotts Valley • fully vegetated/corrected

R. State and local agencies develop strategy to address accelerating the mitigation of quarry impacts at Hanson Aggregates site.	• Reclamation Plan - amended in March 2004
	  • Mitigation
	  • Butress Fill completed in 2002
	  • Revegetation
	• Drainage improvements

S. State and local agencies along with construction site owners and operators develop and implement Storm Water Management Plans (SWMPs) and Storm Water Pollution Prevention Plans (SWPPPs) consistent with NPDES Phase II Storm Water regulations.	• Submitted SWMPs to comply with MS4 permit requirements:
	  • County of Santa Cruz,
	  • City of Santa Cruz, and
	  • City of Scotts Valley

T. State and local agencies along with construction site owners and operators identify the San Lorenzo River Watershed as a priority for site inspection and enforcement of control measures in SWMPs and SWPPPs. Establish mechanism by which operators and owners of one-acre and greater construction projects are notified of the requirement to prepare SWPPPs.	• Action identified in County and City of SC SWMPs • City of Scotts Valley will be incorporating actions into next submittal
U. State and local agencies along with construction site owners and operators consider incorporation of sediment control programs/projects into SWMPs and SWPPPs.	• Action identified in County and City of SC SWMPs • City of Scotts Valley will be incorporating actions into next submittal • County Prop 13 grant to develop classroom materials for erosion control for all municipalities to learn BMPs and new NPDES requirements