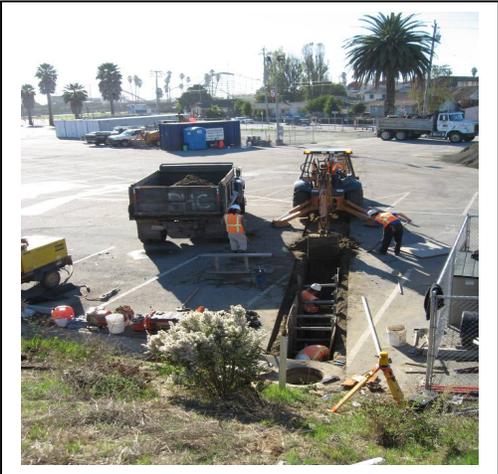


**Proposition 40 Clean Beach Grant Program
Dry Weather Diversion at San Lorenzo River Pump Stations # 1B and # 3
Annual Progress Summary 2008**



The project goal is to reduce the discharge of bacterial laden storm water from Pump Stations # 1B and # 3 to the lower San Lorenzo River, which empties onto Main Beach. The effect is to improve water quality in the river and to reduce beach closures.



Completed Projects to reduce contaminated inflow and infiltration into the storm water system include the inspection of 6,155 linear feet of storm drain, the Raymond St. pipe lining, the 3rd St. storm drain installation and the rehabilitation of gravity outfall piping at 5 locations on the San Lorenzo River.

The new Gravity Outlet Valves prevent river water from cycling through the pump stations. Reducing flow through the pump stations saves energy and minimized unnecessary flow through the diversions.



Diversion pump systems with piping and controls at Pump Station # 1B and # 3 direct dry weather runoff into the wastewater sewer system for treatment.



The Monitoring and Reporting Plan will evaluate the project effectiveness in preventing and reducing pollution. Under the plan, the County of Santa Cruz Environmental Health Services will collect and analyze groundwater, storm drain, river discharge and ocean water samples for fecal coliform, indicator bacteria and nitrate concentrations. Data will be collected for a full year and will be used to calculate bacterial load diverted from the river. Data obtained will be supplemented by historical water quality data and other ongoing monitoring efforts in the vicinity that were conducted pursuant to AB 411, U.S. EPA BEACH programs, and a Proposition 13 project to assess non-point sources of beach contamination.

