

Santa Clara Valley Transportation
Agency Mitigation Site

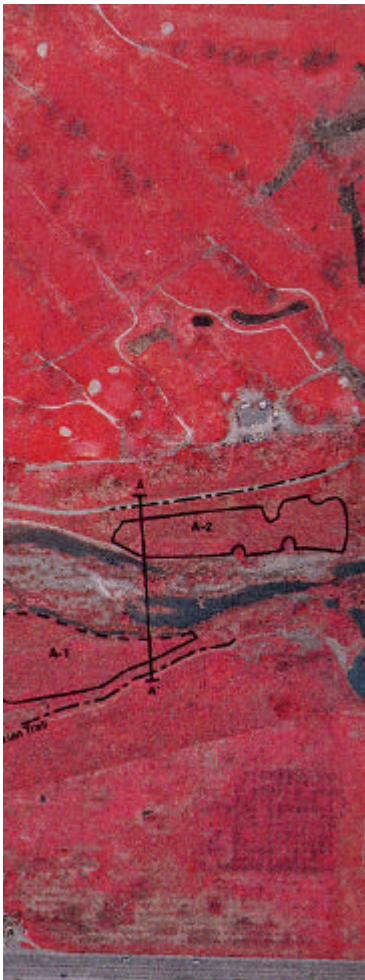
PERMIT APPLICATION AND PROCESSING

A significant portion of our work relates to regulatory processes and permits. We have prepared background information, conducted required studies, and prepared reports and plans related to the permit application process throughout our thirty-year history. The projects range from small pipeline outfalls to wetland fills involving hundreds of acres. We have prepared hundreds of complete application packages, as well as working in concert with numerous environmental attorneys and permitting specialists as part of permitting teams.

As we prepare for a permit application, we base our technical reports on concrete, scientific information regarding impacts, losses to resources, and the feasibility of our proposed mitigations. Our permitting experience includes:

- Section 404 Nationwide and individual and Section 10 permits for the U.S. Army Corps of Engineers.
- Section 401 certifications and With Discharge Requirement Approach for the Regional Water Quality Control Board
- Streambed Alteration Agreements for the CDFG
- Administrative and major permits for the Bay Conservation and Development Commission.
- Local Flood Control Districts
- Numerous other regulatory agencies

We annually prepare approximately 100 permit applications and help with the processing of those permits. The work includes a variety of projects including a 115 acre tidal restoration site, a countywide transportation system update involving permits for over 20 sites, flood control projects, various nationwide permits for bridge crossing and storm-drain outfalls, and individual permits for commercial and housing developments.



SANTA CLARA VALLEY TRANSPORTATION AGENCY, MEASURE A & B PROJECTS, BIOLOGICAL ASSESSMENTS, RESTORATION DESIGN AND PERMITTING - *Santa Clara County*

The Santa Clara Valley Transportation Authority, designed a series of nine transportation projects in Santa Clara County. These projects included major highway projects, bridge improvements, and light-rail extensions. H. T. Harvey & Associates prepared the environmental compliance and permitting documents including: Natural Environment Studies (Caltrans format), the biological sections for Environmental Impact Reports, habitat mitigation and monitoring plans (per USACE guidelines), special status wildlife species biological assessments, wetland delineations, and regulatory permit applications for CDFG, RWQCB, USFWS and NMFS. Extensive surveys and data collection for special status wildlife and plant species were conducted as part of the baseline studies. We worked with the design engineers to help minimize impacts. A consolidated habitat restoration site for impacts from all nine projects was identified for creating new wetland, riparian and shaded riverine aquatic habitat. Permits for those projects are pending (2001), with construction scheduled to begin in the summer.

Client: Santa Clara Valley Transportation Authority

LINCOLN CENTRE IV: RESOURCE AGENCY PERMITTING - *San Mateo County*

Lincoln Center IV was a proposed office complex near the San Mateo Bridge approach. We conducted field surveys and prepared technical documents for resource agency permits associated with this proposed commercial office space development. The sensitive/regulated biotic resources that were involved included presence of Waters of the U.S./State, the federally endangered salt marsh harvest mouse, and development within shoreline band of San Francisco Bay. The permit materials we prepared for the project included Section 404 (b) (1) Alternatives Analysis; Section 7 Consultation, Biological Assessment; Section 401 Certification, and; Bay Conservation and Development Commission, Major Permit. The project was permitted and constructed. Mitigations were implemented and are currently being monitored.

Client: Lincoln Property Company

**POLHEMUS CREEK PROJECT:
EMERGENCY PERMIT PACKAGE - San
Mateo County**

Severe winter storms washed out a section of road and covered another section with a landslide. We prepared technical reports and permit materials for emergency repairs authorized under the Corps' Regional General Permit for Immediate Repairs of Public Facilities Damaged during Winter Storms. Our work included pre- and post-construction conditions documentation, as well as consultation and field reviews with resource agencies regarding project impacts on two federally listed species: the California red-legged frog and San Francisco garter snake. We also performed on-site construction monitoring, and mitigation development. We developed the mitigation program for the project, which was completed in 1999.

Client: City and County of San Francisco, Public Utilities Commission



**ROUTE 87 GUADALUPE RIVER - Santa
Clara County**

The proposed re-alignment and widening of Route 87 impacted riparian habitats for several miles along the Guadalupe River. Our staff helped reach consensus on impacts analysis and mitigation issues, assessed riparian habitat impacts, negotiated project specific mitigation ratios, identified suitable riparian restoration sites, and prepared a Mitigation Plan for the project. A formal delineation of the site's jurisdictional wetlands was conducted and a mitigation plan was prepared. The project was permitted and construction is underway (2001).

Client: Caltrans via Parsons DeLeuw Inc.

**Doublewood Golf Course Stream Restoration And Riparian
Mitigation - Alameda County**

The Doublewood golf course is a hillside site proposed in Fremont. We prepared detailed mitigation and monitoring plans for impacts to riparian habitat, creek channels, seasonal wetlands and California tiger salamander breeding and aestivation habitat. The state-of-the-art mitigation designs provide for the establishment of 12-acres of riparian habitat along two creeks and the creation of two ponds designed to serve as breeding habitat for California tiger salamander. The riparian restoration plan both stabilized the channel of Toroges Creek and provided for revegetation of the entire area of riparian trees and shrubs.

Seasonal wetlands were interspersed with the riparian forest along the floodplains. We also assisted in preparing the supporting materials for the regulatory permits. Close coordination with the project's design team, including golf course architects, landscape architects, engineers and planners, was required to successfully fit the proposed mitigation into the site's topography and the golf course layout. The project is nearing the end of the permitting process, and is scheduled for development in 2002.

Client: Double Wood Investments

OTHER REPRESENTATIVE RESTORATION PROJECTS:

- PALO ALTO AIRPORT IMPROVEMENTS PROJECT – *San Mateo County*
Client: Santa Clara County

- HIGHWAY 237 ASSEMBLAGE EIR MITIGATION PLAN AND PERMITTING – *Santa Clara County*
Client: Lincoln Property Company

- COLLIER CANYON CREEK ROAD AND FLOODWAY IMPROVEMENT PROJECT – *Alameda County*
Client: Ryland Homes

- ALVARADO PROTECTION LEVEE EIR, MITIGATION PLAN AND PERMITTING – *Alameda County*
Client: Alameda County Public Works Agency

- MADRONE RANCH WETLAND PERMITTING ASSISTANCE – *Santa Clara County*
Client: Garcia Development