

## INITIAL SITE ASSESSMENT

### HIGHWAY 101 GREENBRAE CORRIDOR IMPROVEMENT PROJECT

#### TRANSPORTATION AUTHORITY OF MARIN

In 2010, BASELINE performed an Initial Site Assessment for the Highway 101 Greenbrae/Twin Cities Corridor Improvements Project proposed by the Transportation Authority of Marin in the cities of Larkspur and Corte Madera. The project will improve traffic operations along approximately two miles of U.S. Highway 101 by constructing new on- and off-ramps, widening and re-striping the local streets, and installing retaining walls and/or barriers. The project also includes the partial or full right-of-way acquisition of 11 properties. The Initial Site Assessment was conducted in general accordance with ASTM Standard 1527-05 (as referenced in Chapter 10 of the Caltrans *Environmental Handbook*) and ranked the level of risk associated with hazardous materials, hazardous waste, and contamination that could potentially affect proposed construction activities or operations.

The Initial Site Assessment included the following: interviews with past and prospective property owners; review of historical land use information; site reconnaissance for current land use conditions; review of regulatory agency records; review of previous environmental investigations; and development of recommendations for further actions. The Initial Site Assessment identified and ranked the level of risk associated with soil contamination from aerially-deposited lead and former railroad operations, groundwater contamination from nearby leaking underground fuel tank sites, and hazardous materials on structures proposed for demolition. The Initial Site Assessment also identified contaminants of potential concern in soil and groundwater associated



with former service station operations at four properties proposed for acquisition. Based on the identified contaminants of potential concern, BASELINE provided recommendations for a soil and groundwater investigation to pre-characterize soils for disposal, reuse, and construction worker health and safety and to evaluate the chemical quality of groundwater to

determine options for management of dewatering effluent during construction.