



**FACT SHEET ON ENVIRONMENTAL ASSESSMENT  
ANOTHONY'S AUTO SERVICE (Currently Auto Analyst)**

19592 Center Street, Castro Valley, CA 94546

Fuel Leak Case No. RO0000478 and

GeoTracker Global ID T0600100076

ENVIRONMENTAL HEALTH DEPARTMENT  
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Site Remediation Summary

This fact sheet has been prepared to inform community members and other interested stakeholders regarding the status of the soil and groundwater cleanup at the Anthony's Auto Service (currently Auto Analyst) located at 19592 Center Street in Castro Valley, California. Anthony Pettiti and Anil Singh are the lead responsible parties for the case and their environmental consultant is ACC Environmental Consultants. It is suspected that the source of the contamination was one of the underground storage tanks (USTs) may have leaked due to corrosion.

Site Background

The site is an automotive repair station located on the northeast corner of Center Street and Edwards Lane in Castro Valley, California. The site is located in a mixed commercial/residential area.

The site is a former gasoline station, which is reported to have been constructed and in operation from 1956 to 1986, and dispensed Shell and Texaco gasoline products.

On July 12, 1990, one 4,000-gallon, two 3,000-gallon steel gasoline underground storage tanks (USTs), and one 250-gallon waste oil tank were removed from the site. Approximately 250 cubic yards of soil was excavated and stockpiled as a result of the UST removals. During the tank removals, native soil in the excavation pit was discolored and emitted a hydrocarbon odor indicating that an unauthorized release had occurred. An Unauthorized Release Report was filed on August 8, 1990. Seven soil samples were collected following the UST removals. Soil sample analytical results confirmed soil contamination had occurred.

Site Investigations & Remedial Actions

The Alameda County Environmental Health (ACEH), the local regulatory agency, oversees investigation and cleanup activities at the site. From August 1990 to March 1993, soil and groundwater investigations were completed at the site and surrounding area. These investigations characterized the hydrogeology, subsurface conditions, and the nature, extent, and fate of the petroleum contamination.

Groundwater occurs at a depth of approximately 30 feet below the ground surface with a groundwater gradient towards the southwest.

Contaminated soil has caused groundwater contamination. As a result, soil borings and groundwater monitoring wells were installed at the site. Current available data indicates that the groundwater contaminant plume is not migrating and groundwater concentrations are generally decreasing with time. Natural attenuation mechanisms, primarily biodegradation, will eventually decrease contaminant concentrations to below laboratory detection limits and it is anticipated that the contamination will eventually abate entirely.

The primary chemicals of concern are total petroleum hydrocarbons as gasoline (TPH-gasoline), benzene and MTBE. In soil, TPH-g, MTBE and benzene have been previously measured at concentrations below the Regional Water Quality Control Board's (RWQCB) applicable environmental screening levels (ESLs). In groundwater, TPH-gasoline has been measured at concentrations above the ESL, however, benzene, and MTBE have been measured at concentrations below their environmental screening levels for drinking water.

Remedial actions completed at the site consist of removing the USTs in 1990, and excavating approximately 450 cubic yards of contaminated soil in between 1990 and 1991. Periodic groundwater sampling from January 1991 to March 1992 was conducted at the site.

Next Step

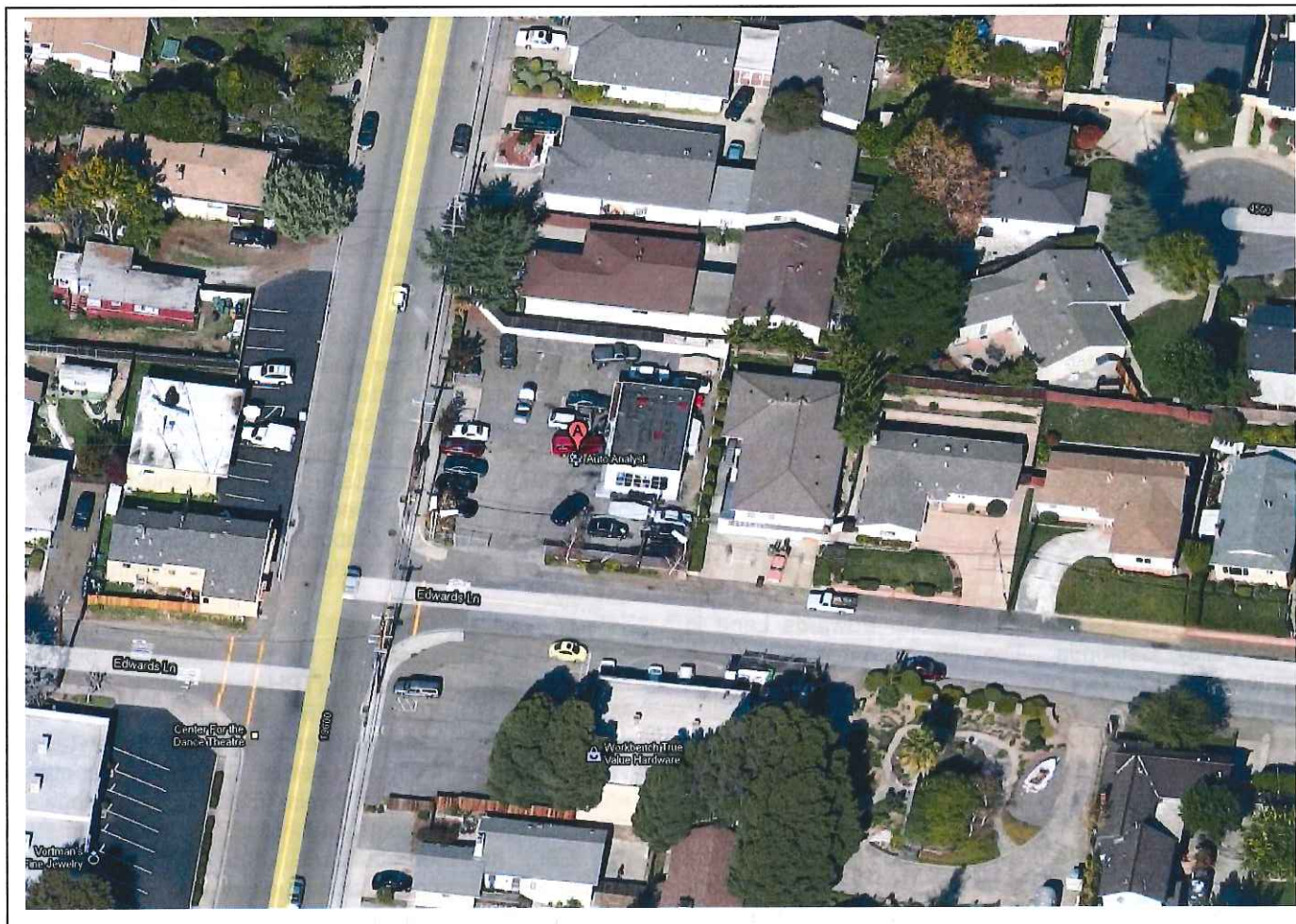
Mr. Pettiti and Mr. Singh have been working with Alameda County Environmental Health (ACEH) to investigate and cleanup the site. No further soil and groundwater investigations or remediation is planned for the site. The source of contamination, the failed UST, has been removed. The site has been adequately characterized and the groundwater contaminant plumes are either stable or decreasing with time. The site data have demonstrated that, with time, contaminant concentrations will likely abate entirely.

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Page 2 of 2



The site is proposed for case closure. All the site investigation activities are described in reports prepared by various environmental consultants including ACC Environmental on behalf of Mr. Pettiti and Mr. Singh. The public is invited to review and comment on the proposed closure of this case. The case file is available on ACEH's website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State Water Resources Control Board's GeoTracker website (<http://www.geotracker.waterboards.ca.gov/>). The

case file is also available for review on-line at the ACEH located at 1131 Harbor Bay Parkway in Alameda, California. Please send a fax to 510-337-9335 to request a date and time to review the case file. Please send written comments regarding the proposed action to Paresh Khatri at the address below. All written comments received by **December 22, 2010** will be forwarded to the Responsible Party and will be considered and responded to prior to a final determination on the proposed case closure.

*For Additional information, please contact:*

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