



ENVIRONMENTAL HEALTH SERVICES
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**NOTIFICATION OF POTENTIAL CASE CLOSURE
EAST AVENUE SERVICES GASSTATION
September 15, 2011**

**Site Location: 4186 East Avenue, Livermore, CA 94550
Fuel Leak Case RO0002881 and GeoTracker Global ID T0600152516**

Summary – This fact sheet has been prepared to inform community members and other interested parties of potential case closure for a fuel leak case at a gasoline service station at 4186 East Avenue in Livermore, California (see attached map on back). In April 2005, petroleum hydrocarbons were detected in soil and groundwater samples from soil borings that were advanced as part of a Phase II Environmental Assessment. On April 3, 2007, the five underground storage tanks (USTs), product lines, and dispensers were removed from the site. During the removal activities, 10 soil samples were collected from soil beneath the USTs and five soil samples were collected beneath the product lines. Petroleum hydrocarbons and fuel oxygenates were not detected above laboratory reporting limits in any of the 15 soil samples. Petroleum hydrocarbons and fuel oxygenates were also not detected in five composite soil samples collected from the stockpiled soil excavated during the removals.

In May 2007, three monitoring wells were installed on site. Groundwater monitoring was conducted at the site from May 2007 through April 2010. Total petroleum hydrocarbons as gasoline were detected in groundwater samples from well MW-1 at concentrations ranging from 600 to 4,810 parts per billion (ppb). MTBE was detected in groundwater samples from well MW-1 at concentrations ranging from 85 to 455 ppb. The hydrocarbon plume appears to be generally limited in extent to the area between the former dispensers and former USTs. Based on the limited detections of petroleum hydrocarbons and fuel oxygenates in soil samples collected in the suspected source area and limited extent of groundwater contamination, the plume appears to be stable and is expected to attenuate over time. Site investigation and monitoring activities have been completed and it does not appear that the fuel release presents a risk to human health for nearby residents or site workers. Therefore, ACEH is considering potential closure of the fuel leak case.

Background – In March and April 2007, the former service station building was demolished and the five USTs, product line, and dispensers were also removed from the site. The five former USTs were replaced by one 20,000-gallon UST, which was relocated to the northwest corner of the property. A new service station and convenience store was constructed in the northeast corner of the property.

Next Step – The public is invited to review and comment on the potential closure of the fuel leak case. The entire case file can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board Geotracker website (<http://geotracker.swrcb.ca.gov>). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by October 24, 2011** will be considered and responded to prior to a final determination on the proposed case closure.

Additional information: Contact Jerry Wickham of the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 at 510-567-6791 or by email at jerry.wickham@acgov.org

FIGURE 1 - VICINITY MAP

