



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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**NOTIFICATION OF POTENTIAL CASE CLOSURE
SPRINGTOWN GAS
November 16, 2011**

**Site Location: 909 Bluebell Drive, Livermore, CA 94551
Fuel Leak Case RO0002894 and GeoTracker Global ID T06019716197**

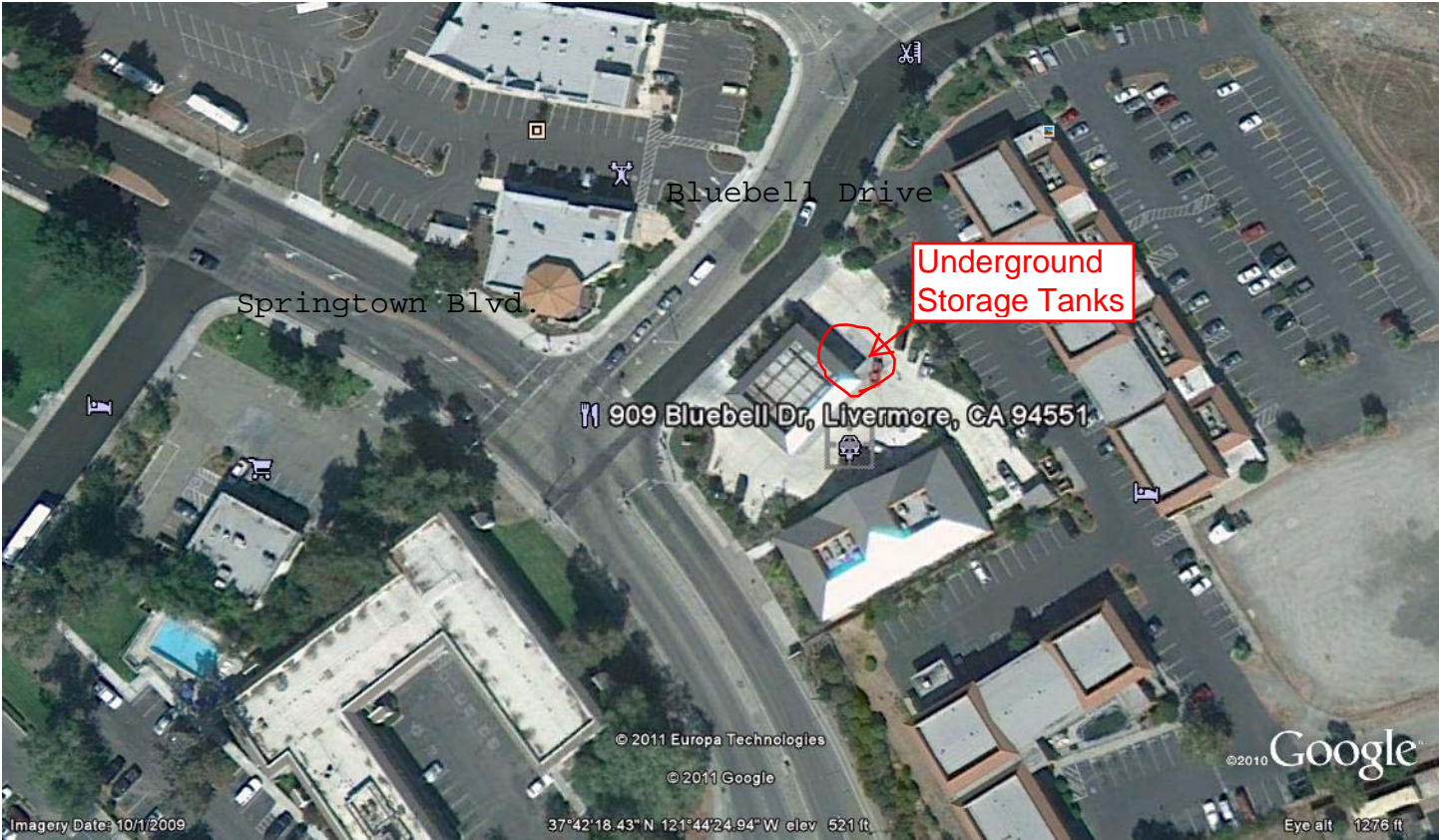
Summary – This fact sheet has been prepared to inform community members and other interested parties of potential case closure for a fuel leak case at a gasoline service station and convenience market located at the intersection of Springtown Boulevard and Bluebell Drive in Livermore, California (see attached map on back). Surrounding land use is commercial.

During dispenser and piping upgrade activities in June 2005, elevated concentrations of petroleum hydrocarbons were detected in soil samples collected beneath the dispensers and product piping trenches. Some contaminated soil was removed by excavation. Various site investigation activities including soil borings, monitoring well installation, and groundwater sampling were conducted on site and northwest of the site (in the direction of groundwater flow) between February 2007 and March 2010. The site investigations indicated that residual petroleum hydrocarbons were present in soil and groundwater in the area of the underground storage tanks, dispensers, and piping and that a plume of dissolved fuel oxygenates (primarily MTBE and TBA) extended northwest of the underground storage tank area

In June 2008, a pilot test was conducted to evaluate whether soil vapor extraction would be an effective method for site cleanup. The results were inconclusive. After installation of an injection well in September 2008, a pilot test was conducted to evaluate whether in-situ chemical oxidation would be an effective method for site cleanup. The initial pilot test was performed between September 29 and November 6, 2008. An additional pilot test of chemical oxidation consisting of 16 injection events took place between March 30, 2010 and July 21, 2010. Following groundwater monitoring to evaluate the results of the pilot test, 12 additional injection events were conducted from December 14, 2010 through March 10, 2011. Groundwater monitoring since March 2011, indicates that the chemical oxidation treatment has been effective in reducing the concentrations of fuel oxygenates in groundwater. Groundwater quality is expected to be restored within an acceptable time frame by natural attenuation processes. No water supply wells are expected to be affected by the plume. Site investigation and cleanup 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.

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 December 19, 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



Underground Storage Tanks

909 Bluebell Dr, Livermore, CA 94551

Bluebell Drive

Springtown Blvd.

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Imagery Date: 10/1/2009

37°42'18.43" N 121°44'24.94" W elev 521 ft

Eye alt 1276 ft