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**NOTIFICATION OF POTENTIAL CASE CLOSURE
BEACON #12574
October 2, 2013**

**Site Location: 22315 Redwood Road, Castro Valley, CA 94546
Fuel Leak Case RO0000355 and GeoTracker Global ID T0600100155**

Summary – This fact sheet has been prepared to inform community members and other interested parties of potential case closure for a fuel leak case beneath a site located at the intersection of Redwood Road and Grove Way in Castro Valley, California (see map on the back). The site currently consists of a convenience store and other commercial buildings on the western portion of the site and associated parking lot and landscaped areas on the eastern and central portions of the site. The residual petroleum hydrocarbons are from releases at former gasoline service stations on the site. Prior to 1981, the site was leased and operated as a retail service station. Three former underground storage tanks (USTs), two former dispenser islands, and a service station building were removed sometime prior to 1981; however, no records are available to document the date of these removals. Ultramar leased the site and operated a retail service station from 1981 to 1987. In 1987, the service station building and five USTs were removed from the site. During the removal, the former tank basin was excavated to a depth of 20 feet below grade to remove contaminated soil.

Site investigation activities to define the extent of petroleum hydrocarbons in soil and groundwater were conducted at various times between 1991 and 1999 and from 2009 through 2011. Groundwater monitoring has been conducted at the site from 2002 to 2013. In addition to excavation following tank removal in 1987, cleanup activities have included the use of high vacuum dual-phase extraction (HVDPE), which simultaneously removes groundwater and soil vapor from extraction wells using a high vacuum pump. During a 48-hour pilot test in May 2009, approximately 221 pounds of petroleum hydrocarbons were removed from the subsurface using HVDPE.

Site data indicate that a groundwater plume containing dissolved petroleum hydrocarbons extends approximately 125 feet southwest from the area of the fuel dispensers and USTs. Since 2002, the concentrations of dissolved petroleum hydrocarbons have decreased significantly. The plume appears to be shrinking in size and residual petroleum hydrocarbons in soil and groundwater are expected to biodegrade over time. No water supply wells are expected to be affected by the plume. The site has been evaluated in accordance with the State Water Resources Control Board Low-Threat Closure Policy. 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 2, 2013** 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



Source: Google Earth 2012

Fuel Leak Case RO0000355 located at 22315 Redwood Road in Castro Valley, CA

MAILING LIST FOR FACT SHEET (3 PAGES)

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