ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

ALEX BRISCOE, Director



ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

NOTIFICATION OF POTENTIAL CASE CLOSURE BEACON #3721 July 23, 2013

Site Location: 44 Lewelling Boulevard, San Lorenzo, CA 94580 Fuel Leak Case RO0000498 and GeoTracker Global ID T0600101414

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 the operating gasoline service station located at 44 Lewelling Boulevard in San Lorenzo, California (see attached aerial photograph on back). Surrounding land use is mixed commercial and residential.

During tank replacement activities in April 1987, three underground storage tanks (USTs) were removed. Petroleum hydrocarbons were detected in 5 of 6 soil samples collected beneath the ends of each UST. On April 30, 1987, the UST excavation was extended down to a depth of approximately 17 feet to remove contaminated soil.

Site investigation activities that included soil and groundwater sampling were conducted between May 1987 and October 1991 to define the extent of petroleum hydrocarbons. Soil and groundwater remediation systems were installed between April 1993 and December 1995. Groundwater extraction began in March 1994 and removed, treated, and discharged approximately 1,184,000 gallons of groundwater. Soil vapor extraction (SVE) began in March 1994 and removed 103 gallons of total petroleum hydrocarbons as gasoline (TPHg) before being shut down in January 1997. In April 2000, the SVE system was restarted and removed a total of approximately 211 pounds of TPHg between April 2000 and November 2003. The groundwater extraction system was restarted in October 2000 and operated until March 2008. During this period, approximately 7,040,000 gallons of water was removed, treated, and discharged. The groundwater extraction system was shut down in March 2008 based on low extraction rates.

Site data indicate that a groundwater plume containing dissolved petroleum hydrocarbons extends from the area of the fuel dispensers and USTs southwest to Via Granada. Groundwater monitoring has been conducted since the second quarter of 1987. Following groundwater remediation, the concentrations of TPHg, benzene, and MTBE in groundwater have decreased up to 99% from the maximum observed concentrations. Verification monitoring since remediation indicates the plume of petroleum hydrocarbons is stable or shrinking in extent. During the groundwater monitoring event on January 2, 2013, the maximum concentrations of TPHg, benzene, and MTBE in groundwater were 2,200, 15 and 3.6 ppb, respectively. 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 (<u>http://www.acgov.org/aceh/lop/ust.htm</u>) or the State of California Water Resources Control Board GeoTracker website (<u>http://geotracker.swrcb.ca.gov</u>). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by September 25, 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



44 Lewelling Boulevard, San Lorenzo, CA (Google Earth 2013)

Responsible Parties RO0000498 July 22, 2013, Page 4

MAILING LIST FOR FACT SHEET (4 PAGES)

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Cherie McCaulou San Francisco Bay Regional Water Quality Control Board 1515 Clay Street, Suite 1400 Oakland, CA 94612 San Francisco Bay Regional Water Quality ALAMEDA COUNTY FLOOD Parcel #: 413-93-58 399 ELMHURST ST HAYWARD CA 94544

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