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San Francisco Bay Regional Water Quality Control Board

Invitation to Comment on Corrective Action Plan for Oakland Auto Works 240 W. MacArthur Blvd., Oakland

November 2014

The Regional Water Quality Control Board, San Francisco Bay Region (Water Board) is issuing this fact sheet to inform community members and other interested parties of the proposed Corrective Action Plan (CAP) at this site. The site was a former Gulf service station and tire sales company. The Site environmental investigation and cleanup activities are being conducted by the current site owner, Oakland Auto Works. The Water Board is the lead regulatory agency overseeing the investigation and cleanup of this Site.

You are invited to comment on the proposed CAP by submitting written (or e-mailed) comments by December 1, 2014. Submit comments, referring to case No. 01-2434, to:

Regional Water Quality Control Board
Attn: Ralph Lambert
1515 Clay St. #1400
Oakland, CA 94612

or ralambert@waterboards.ca.gov

Site Background

The project Site is located at 240 W. MacArthur Boulevard in Oakland, California (see attached figure for location). As seen in the figure one structure currently exists on the property. The Site vicinity consists of mixed commercial, medical, and residential property use.

The source of the fuel contamination is attributed to the former Gulf service station. The fuel contamination in Site soil and groundwater occurred from leaks associated with three former underground fuel (gasoline and diesel) tanks which were removed prior to 1991; a waste oil sump removed in 1991; and a waste oil underground storage tank removed in 1996.

The primary site contamination consists of gasoline, diesel, and benzene (a component of gasoline) typical of former gas stations. A mass of residual soil contamination occurs at depths between approximately 13 and 20 feet below grade in the immediate vicinity of the former underground fuel tanks and adjacent to and under the current building. This source area contamination is responsible for the continued relatively elevated concentrations of fuel detected in groundwater in the site wells and soil vapor. The contaminant plume in groundwater having concentrations above drinking water criteria is approximately 160 feet long by 120 feet wide and primarily located within the property boundary. However, the local shallow groundwater is not used for drinking water.

Summary of Site Investigations

Several phases of soil and groundwater investigation have been conducted since 1997 to determine the magnitude and extent of contamination. These investigations have identified no significant threat of offsite contaminant migration. Quarterly groundwater monitoring conducted since August 1997 has adequately shown the

groundwater and contaminant trends and therefore, the monitoring frequency was reduced in 2009. Short term remedial pilot testing was performed in 2001 & 2007 that primarily used soil vapor extraction or high vacuum dual phase extraction (DPE) to extract petroleum vapor and impacted groundwater.

Proposed Corrective Action

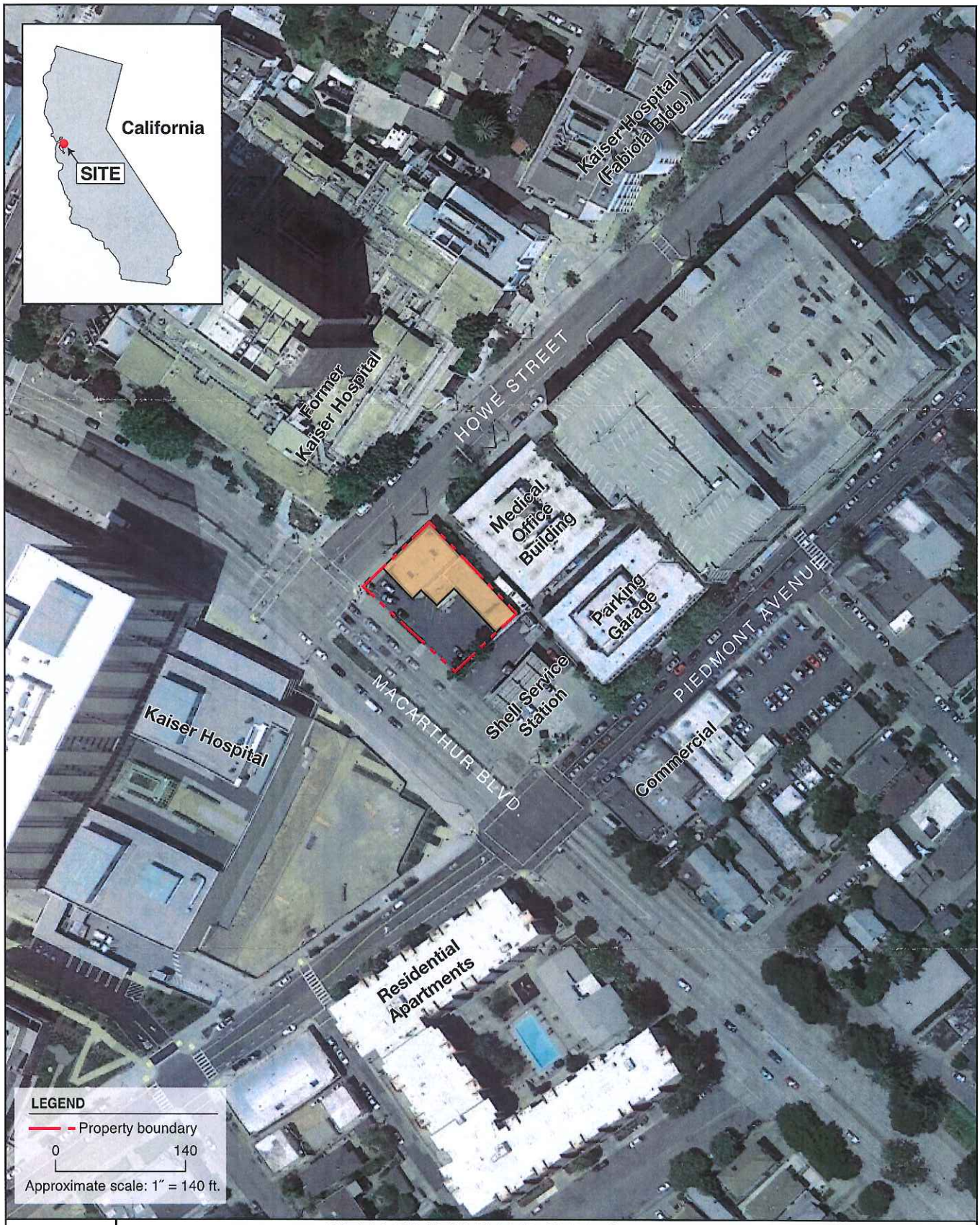
Site evaluation indicates that significant residual contaminants in the site subsurface soil and groundwater can be cleaned up by implementation of the proposed corrective action. This corrective action entails the installation of a short-term (20-30 days), DPE system as a remedy to capture subsurface hydrocarbons in soil vapor and groundwater at the subject site. The extracted vapor will be treated and released to the atmosphere under permit. Extracted groundwater will be treated then discharged to the sewer system or trucked off-site for final handling. This work is expected to take place next spring after the rainy season.

Reducing source area soil and groundwater contamination will reduce the potential for offsite migration of groundwater and vapor contamination by removing contaminant mass. This will reduce the overall time to eliminate the potential environmental risk and achieve regulatory closure which is the focus and purpose of this corrective action project.

During operation you may observe extra equipment (such as an equipment trailer, extraction hoses, water tank) on-site. The DPE system is expected to run around the clock while at the Site.

For More Information

The site documents are available for review at http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102243 then selecting the "Site Maps/Documents" tab or coming to the Water Board at 1515 Clay St. Oakland, on the 14th floor.



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SITE LOCATION AND SURROUNDING AREA

240 W. MacArthur Blvd. Oakland, CA	By: MJC	OCTOBER 2014
	Figure 1	

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