
San Francisco Bay Regional Water Quality Control Board

**Corrective Action Plan Proposed
for
Former Roberts Tires
4311-4333 MacArthur Boulevard
Oakland, California**

Fact Sheet: October 2014

The Regional Water Quality Control Board, San Francisco Bay Region (Regional Water Board), is issuing this fact sheet to notify the community about proposed cleanup activities associated with impact from a previously leaking Underground Storage Tanks (USTs), located at former Roberts Tires at 4311-4333 MacArthur Boulevard, Oakland, California, and to invite public comment on the July 18, 2014 *Feasibility Study/Corrective Action Plan* prepared for the subject site. The Regional Water Board is the lead agency overseeing soil and groundwater investigation and cleanup at this site.

The 30-day comment period runs from October 17, 2014, until November 17, 2014. Written comments may be sent, post marked no later than November 17, 2014, to the following address:

Regional Water Quality Control Board
Attention: Barbra Sieminski
1515 Clay Street, Suite 1400
Oakland, California 94612
Email: bsieminski@waterboards.ca.gov

Site Description

The site is a commercial property located at the southwest corner of MacArthur Boulevard and High Street in Oakland, California (see Site Location Map on Page #3, and Site Plan on Page #4). Formerly, the site was used by automotive service businesses including a gasoline service station, and a retail tire store (Roberts Tires); and by Pacific Gas and Electric Company as a utility sub-station. The site is currently undeveloped and vacant land. The site vicinity consists of mixed residential and commercial land use.

Hydrocarbon contamination was discovered at the site in 1999. Subsequent environmental investigations confirmed that soil and groundwater beneath the site have been impacted by fuel and motor oil hydrocarbons. A brief description of the completed investigations and corrective action, and the site information sources and repositories are included in this notification.

Completed Environmental Assessment

A magnetometer survey conducted in 1999 indicated a potential presence of underground storage tanks (USTs) beneath MacArthur Boulevard near the site. The initial environmental site assessment work was conducted at the site in October of 1999 under the directive and oversight of the Department of Toxic Substances Control (DTSC). Elevated levels of motor oil hydrocarbons and lead were detected in the subsurface soil. Several additional environmental investigations were conducted at the site between the year 2000 and 2004. These investigations included drilling soil borings, collecting soil and grab groundwater samples from the borings, and collecting surface soil samples. The investigation results confirmed that soil and groundwater beneath the site have been impacted by fuel and motor oil hydrocarbons. Following remedial activities, which included excavation and offsite disposal of contaminated soil, the DTSC issued a "no further action" letter dated April 28, 2005, for the subsurface soil at the subject site, and referred the case to the Alameda County Environmental Health Department (ACHD) to provide further oversight and address the remaining groundwater contamination at the property.

In October 2006, additional soil borings were drilled at the site, and soil and grab groundwater samples were collected from these borings. Results from this investigation confirmed that significant hydrocarbon contamination remained in groundwater beneath the site. In April 2012, the ACHD referred the case to the Regional Water Board for cleanup oversight.

In 2013, six groundwater monitoring wells were installed, and quarterly groundwater monitoring and sampling was initiated at the site. The results of groundwater monitoring and sampling confirmed that groundwater in the central portion of the site has been impacted by petroleum hydrocarbons. The extent of groundwater contamination has been defined.

Previous Cleanup Activities

Contaminated soil was excavated and disposed from the site in October 1999 (unknown amount), in September 2002 (approximately 60 cubic yards), and in October/November 2004 (approximately 5,000 tons). During 2004 remedial activities, one 100-gallon waste oil metal UST was discovered, and subsequently removed from the site. No information is available about removal of the fuel USTs associated with the former service station.

Proposed Cleanup Action

In July 2014, the *Feasibility Study/Corrective Action Plan* (FS/CAP) was submitted to the Regional Water Board, which evaluated the feasibility of various alternative methods to remediate soil and groundwater at the site. The FS/CAP recommends the most technically and economically feasible methods to clean up the site. For soil cleanup the FS/CAP recommends excavation, removal, and disposal of the contaminated soil from the vicinity of well MW-4. For groundwater cleanup the FS/CAP recommends in-situ modified bio-remediation/oxidation

For more information:

If you have questions please contact Barbara Sieminski, Case Manager at the Regional Water Board at (510) 622-2423 or at BSieminski@waterboards.ca.gov; or,

Site Consultant: Viken Melkonian, KCE Matrix, Inc., at 818-500-0355 or Viken@kcematrixinc.com

The site documents are available for public review at the following locations

<p>Regional Water Quality Control Board 1515 Clay Street, Suite 1400 Oakland, California 94612 Tel: (510) 622-2430</p>	<p>State Water Resources Control Board website: http://www.waterboards.ca.gov/sanfranciscobay or GeoTracker database: http://geotracker.waterboards.ca.gov Case # 01-3601; Global ID: T0600193302</p>
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Site Location Map



