



## FACT SHEET ON CORRECTIVE ACTION PLAN

### Exxon #79374

990 San Pablo Avenue, Albany, CA 94706  
Fuel Leak Case No. RO0002974 and  
GeoTracker Global ID T0619716673

#### Site Remediation Summary

This fact sheet has been prepared to inform community members and other interested stakeholders regarding the status of a proposed soil, groundwater, and soil vapor cleanup at the former Exxon Service Station located at 990 San Pablo Avenue, Albany, California. Alameda County Environmental Health (ACEH) is the lead agency overseeing the site investigation and cleanup at the location, while ExxonMobil is the lead responsible party for the fuel leak case. ExxonMobil's consultant, Cardno, Inc, has proposed Periodic High Intensity Targeted (HIT) Dual Phase Extraction (DPE) as the appropriate remediation technology to clean up the site.

#### Site Background

The site is located on the northwest corner of San Pablo Boulevard at Buchanan Street in Albany. The site is currently a retail store for paint and painting products. Surrounding properties are a mix of residential and commercial use. A service station formerly occupied the site and the underground storage tanks (USTs) were removed in 1983. At that time four gasoline USTs and one waste oil UST were removed from the property.

Since 2008, investigations including the installation of soil borings, groundwater monitoring wells, and soil vapor wells have been performed. During the ongoing investigation, concentrations of fuel constituents have been reported in soil, groundwater, and soil vapor. The current maximum concentrations are primarily located in the southwestern portion of the site.

#### Proposed Cleanup Actions

Periodic HIT DPE has been selected as the most appropriate corrective action for the site. Three existing soil vapor extraction wells (SVE1 to SVE3) have been proposed to be augmented by the addition of four additional wells (SVE4 through SVE7) at the site, followed by the performance of short-term vapor extraction events using mobile extraction and abatement equipment to extract soil vapor and / or groundwater from the site. Vapor extraction is a remedial method that uses a vacuum to remove vapor-phase and residual hydrocarbons absorbed on soil from the subsurface through the wells. Depending on the site conditions, groundwater may be extracted as well. The mobility of the system allows varying SVE wells to be selectively targeted, based on changing site conditions and extraction and recovery rates. Prior to discharge, soil vapor will be treated to eliminate hydrocarbon vapor concentrations above allowed air discharge limits set by the Bay Area Air Quality Management District

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(BAAQMD). Multiple analytical samples will be collected to verify these limits have been met. Additionally, prior to discharge, extracted groundwater will also be treated to remove contamination above allowed discharge limits set by the local sanitary sewer district. Multiple analytical samples will also be collected of the water prior to discharge to verify the limits have been met. Reports will be submitted to document these findings.

Depending on the vapor and / or groundwater extraction rates obtained at the site, corrective actions may require up to three years to achieve the selected goals. The HIT DPE is expected to be discontinuous over this estimated period of time in order to allow groundwater to re-equilibrate with any residual contamination in soil.

During this time semi-annual groundwater and soil vapor monitoring will be performed to assess the effectiveness of the corrective action and the need for additional extraction events.

#### Next Step

ExxonMobil is working with ACEH to implement a soil, groundwater, and soil vapor cleanup at the site. The proposed corrective action alternative is described in the reports *Feasibility Study/Corrective Action Plan (FS/CAP)*, dated February 14, 2015, and the *Remedial Design Implementation Plan and Data Gap Investigation Work Plan*, dated May 15, 2015, prepared by Cardno, Inc. on behalf of ExxonMobil. The public is invited to review and comment on the proposed cleanup action. The reports are available on ACEH's website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State Water Resources Control Board's GeoTracker website (<http://www.geotracker.waterboards.ca.gov/>).

Please send written comments regarding the corrective action to Mark Detterman at the address below. All written comments received by **August 18, 2015** will be forwarded to the Responsible Party and will be considered and responded to prior to a final determination on the proposed cleanup.

*For Additional information, please contact:*

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Aerial View of Property (Google Earth, 2015)

