
Central Valley Regional Water Quality Control Board

PUBLIC NOTICE CLOSURE OF ENVIRONMENTAL CASE

This will serve as notice that the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) is soliciting comments from the public regarding the pending closure of an environmental case at Former Attainable Auto, 1893 Eureka Way, Redding, Shasta County (Site).

SUBJECT SITE:

Former Attainable Auto, 1893 Eureka Way, Redding, Shasta County

PUBLIC PARTICIPATION COMMENT PERIOD:

17 September through 17 November 2021

SUMMARY:

The Central Valley Water Board currently regulates an environmental case at the subject property regarding a release of petroleum hydrocarbons. The Site is currently a vacant lot. The Site is the location of a former auto dealership and previously contained four underground storage tanks (USTs), including three 5,000-gallon USTs and one 250-gallon waste oil UST. Surrounding land use is a combination of commercial and residential. The nearest surface water body is the Sacramento River, located approximately 2,100 feet north of the Site.

In 2007, the USTs were removed from the Site under Shasta County Environmental Health Division (SCEHD) oversight. Soil samples collected from the side walls of the excavation pit and beneath the former USTs contained petroleum hydrocarbons. During removal of the USTs, approximately 364 cubic yards of soil was removed and disposed of offsite. The amount of contaminant mass removed is unknown.

The Central Valley Water Board became lead agency in 2013 and oversaw additional site investigation. In February 2016, three soil borings were installed onsite to further delineate soil contamination. Analytical results indicated moderate concentrations of total petroleum hydrocarbons as gasoline (TPH-g), diesel (TPH-d), motor oil (TPH-mo), and benzene, ethylbenzene, and naphthalene.

In October 2019, an additional 35 cubic yards of impacted soil was removed and disposed of offsite. Soil removal activities included: over-excavation of the UST cavities with contaminated soils, confirmation sampling, backfilling with clean and approved soils, and soil disposal.

In October 2019, three shallow monitoring wells were installed at the Site. Groundwater sampling was conducted in January and June 2020. Groundwater samples were analyzed for TPH-g, TPH-d, TPH-mo, benzene, toluene, ethylbenzene, xylenes (BTEX), naphthalene, and methyl tert-butyl ether (MTBE). Low levels of petroleum constituents were detected in shallow groundwater. Benzene and MTBE concentrations were below their respective Low-Threat Underground Storage Tank Case Closure Policy (Low-Threat Closure Policy) criteria.

In February 2021, three soil vapor probes (SV-1 through SV-3) were installed at the Site to evaluate the potential vapor intrusion risk to future buildings at the Site. In May 2021, three passive Waterloo Membrane Samplers (WMS™) samplers were installed in soil-vapor probes SV-1 through SV-3; the top of probes was sealed with airtight compression caps to prevent infiltration of atmospheric gases. The samplers were left in place and undisturbed for a period of 57 days to attain equilibrium, then retrieved in June 2021. The samplers were sent to an approved lab and analyzed for BTEX, MTBE, and naphthalene.

SV-1 and SV-2 contained no detectable results for the analyzed parameters. SV-3 contained detectable levels of BTEX and naphthalene. Toluene, ethylbenzene, and xylenes were detected in SV-3 at concentrations below Environmental Screening Levels (ESLs). MTBE was not detected. A site-specific risk assessment for the vapor intrusion pathway was performed because benzene and naphthalene slightly exceeded ESLs. The risk assessment showed that the current petroleum-vapor concentrations in shallow soil do not pose a health risk to future occupants of a commercial building.

The Site was evaluated for case closure under the Low-Threat Closure Policy. Soil, soil-vapor, and groundwater impacts have been adequately defined. Residual contamination does not pose a risk of vapor intrusion. The contaminant plume that exceeds the water quality objectives is less than 100 feet in length; there is no free product; the nearest surface water body is 2,100 feet from the defined plume boundary. The remaining hydrocarbons are expected to degrade over time through absorption, dispersion, dilution, volatilization, and biological degradation. Given these conditions, Central Valley Water Board has determined the Site meets the Low-Threat Closure Policy and is eligible for case closure.

WHERE DO I GET MORE INFORMATION?

General information regarding the Site can be obtained from the [State Water Resources Control Board's GeoTracker web site](https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608993531).
(https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608993531)

All interested agencies, groups and persons wishing to comment on the pending case closure must provide these comments in writing. The comments should be submitted by **17 November 2021** to the Central Valley Water Board's office at 364 Knollcrest Drive, Suite 205, Redding, CA 96002. For information, please call Melissa Buciak at (530) 224-4854 or contact her by e-mail at Melissa.Buciak@waterboards.ca.gov