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State Water Resources
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Chair

Regional Water Quality
 Control Board,
 Central Valley Region
Mark Bradford, Chair

Contact:

Alan M. Buehler
 Central Valley Regional
 Water Quality Control
 Board

(916) 464-4615

alan.buehler@
 waterboards.ca.gov

**PUBLIC NOTICE:
 Proposed Remediation**

**R ST TEXACO (AKA R ST EXXON) &
 PACIFIC PRIDE CARDLOCK STATION
 1415 & 1455 R STREET, MERCED
 MERCED COUNTY**

GeoTracker Global IDs: T0604700199 & T0604709442

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) invites public comment on the proposed remediation at the R St Texaco (aka R St Exxon) and Pacific Pride Cardlock Station underground storage tank (UST) cases, located at 1415 and 1455 R Street, respectively, in Merced, CA (Sites). A map showing the Site investigation area and the current remaining extent of petroleum impact to groundwater is attached as Figure 1.

PUBLIC COMMENT PERIOD:
 27 June through 27 July 2022 (30 days)

CASE SUMMARY:

The Sites are located along the west side of R Street between 14th and 15th Streets in Merced. In 1999 one 8,000-gallon gasoline UST, two 6,000-gallon gasoline USTs, one 6,000-gallon diesel UST, and one 250-gallon waste oil UST were removed from the R St Texaco Site. In 2004 one 12,000-gallon diesel UST, one 10,000-gallon gasoline UST, and one 8,000-gallon gasoline UST were removed from the Pacific Pride Cardlock Station Site. Soil sampling beneath the USTs revealed that an unauthorized release (leak) of petroleum hydrocarbons had occurred from the UST systems at both Sites. Since 2006 the two Sites have been worked as one by various consultants.

Since 1999, various consultants have installed soil and groundwater borings, groundwater monitoring wells, and remediation wells to assess and cleanup the releases at the Sites. Remediation (cleanup) efforts at the two Sites have historically included soil vapor extraction, high vacuum dual phase extraction, and free product skimming. These efforts have applied a vacuum to the subsurface to remove petroleum vapors and petroleum-impacted groundwater from the Site, as well as skimmed free product (raw fuel) from the groundwater surface. These efforts have removed a total of more than **112,400 pounds** of petroleum hydrocarbons from beneath the Sites: approximately 29,000 pounds from the R St Texaco Site, and approximately 83,400 pounds from the Pacific Pride Cardlock Station Site. 112,400 pounds of petroleum hydrocarbons is equivalent to approximately 16,500 gallons of gasoline.

However, petroleum impact to groundwater resulting from the Sites' releases remains and has migrated downgradient (northeast). In order to protect human health and waters of the State, Central Valley

Water Board staff have directed the Merced Designated Local Authority (DLA) to perform additional remediation efforts at the Sites. On behalf of the Merced DLA, Provost & Prichard Consulting Group (P&P) has proposed to perform air-sparging downgradient of the Sites, in the vicinity of remaining petroleum-impact to groundwater. Air-sparging injects ambient air into the subsurface, which adds oxygen to the soil and groundwater and enhances biodegradation of petroleum hydrocarbons.

The Central Valley Water Board concurs with the DLA's request to conduct air-sparge remediation and invites members of the public to provide any comments or concerns they may have related to the proposed remediation.

FOR MORE INFORMATION

Additional information is available on the State Water Resources Control Board GeoTracker website at <http://geotracker.waterboards.ca.gov/> and the case file, which is available for review at the Central Valley Water Board office in Rancho Cordova. To make an appointment for a file review, please call (916) 464-3291.

Please contact Alan M. Buehler with the Central Valley Water Board if you have any comments/questions regarding the R St Texaco (aka R St Exxon) and Pacific Pride Cardlock Station releases, the cleanup activities at the site, or any of the information in this Fact Sheet:

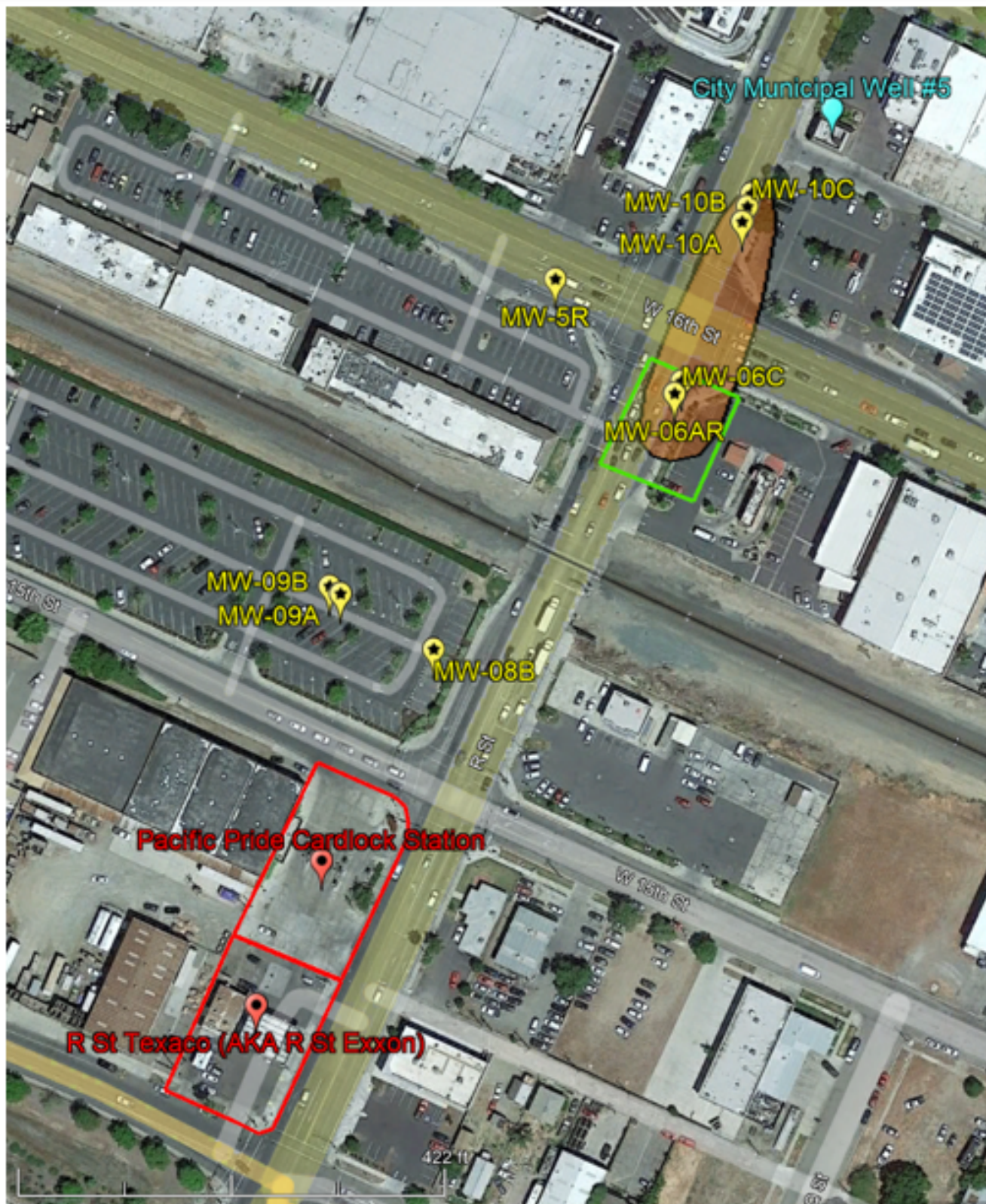
Alan M. Buehler
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670
(916) 464-4615
alan.buehler@waterboards.ca.gov

Notice to the Hearing Impaired

TDD users can obtain information about the Site by using the California State Relay Service (800) 735-2929 to reach the Public Participation Specialist. Ask them to contact the Central Valley Water Board at (916) 464-3291 regarding the proposed remediation for the R St Texaco (aka R St Exxon) and Pacific Pride Cardlock Station releases.

Attachments:

Figure 1 – Site Map showing the current remaining extent of petroleum impact to groundwater above water quality objectives, and the proposed air-sparge remediation area.







-  Monitoring Well
-  Municipal Water Supply
-  Current remaining extent of petroleum impact to groundwater above water quality objectives
-  Proposed air-sparge remediation area

FIGURE 1
Site Map

R St Texaco (aka R St Exxon), 1415 R Street
 Pacific Pride Cardlock Station, 1455 R Street
 Merced, CA