

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
M E M O R A N D U M

DATE: April 5, 1996

TO: Kevin Graves and Ravi Arulanantham
San Francisco Bay Regional Water Quality Control Board

FROM: Amy Leech
ACDEH, Local Oversight Program

SUBJECT: Former Chevron Site located at 5269 Crow Canyon Rd, Castro Valley
STID 670

Please find attached the draft copy of the "Fact Sheet" which Brett Hunter with Chevron has asked us to comment on regarding the subject site before April 12, 1996. In addition, I have attached a copy of the fact sheet that incorporates Scott Seery and my comments.

As we discussed, I would be happy to incorporate your comments with ACDEH's and forward them back to Chevron before April 10, 1996.

4/10/96 Per phone call w/pe
Kevin Graves, wants to see more facts in the
fact sheet. Had no specific comments except
he suggested that ^{the} fact sheet should include
specific reference to the field activities
that will be occurring to accomplish
the site specific risk assessment. He indicated
we could tentatively meet 4/22-26 to discuss
Chevron's W/P submitted by Weiss Assoc. for a
RBCA Tier 2.

c: Scott Seery
Gordon Coleman-File(ALL)

Chevron has been conducting remedial activities at its former service station site for more than ten years. This fact sheet was prepared and is being provided to its neighbors in an effort to provide specific information regarding Chevron's activities.

Background

In 1985, a discrepancy was discovered in the product inventory records maintained at Chevron's service station, indicating the possibility that a leak had developed in the USTs or the piping between the tanks and pump islands. Monitor wells were installed and the presence of gasoline was confirmed beneath the site. **Since that time additional wells were installed in the area of the former station and the Forest Creek Townhome development to determine the extent of gasoline contamination to soil and groundwater.** Chevron discontinued service station operations and removed all existing USTs and associated piping. Gasoline contaminated soil was excavated and removed from the site for disposal. Chevron ~~has worked~~ **is working** closely with California Regional Water Quality Control Board (RWQCB) and the Alameda County Department of Environmental Health (ACDEH), ~~and is in order to comply compliance~~ with the Agencies' requirements.

Current Status

A groundwater pump and treat system has operated on the site since 1985 **and on the Forest Creek Townhome property since 1991**, treating more than one million gallons of groundwater. The system was designed to ~~remove any gasoline contamination which may be present~~ **has been detected** in the groundwater **in the area of the former station and the Forest Creek Townhome development** and to minimize the further migration of groundwater contamination. Groundwater conditions are monitored on a quarterly basis and, **although gasoline has been detected in groundwater beneath the former station and in the vicinity of the Forest Creek Townhome development, groundwater sampling data has have** demonstrated that the plume of contamination is not migrating and that natural attenuation, or degradation of contamination, ~~is~~ **may be** occurring.

Proposed Work

As you may already be aware, releases of gasoline from USTs at service station sites, while regrettable, ~~is~~ are not an uncommon occurrence. Based upon Chevron's experience at similar sites, it does not believe that the gasoline contamination present in soil and groundwater at, or in the vicinity of its former service station, poses a significant health risk. To confirm its assumptions, Chevron will perform a human health risk assessment to evaluate that actual and theoretical risk created by the gasoline contamination which has been identified.* The risk assessment will be performed according to accepted industry and regulatory standards, and will be reviewed by ACDEH and RWQCB as part of efforts to establish ultimate remediation cleanup goals. Chevron expects that the assessment will be completed in late August, 1996.

Chevron is committed to continued remediation of the site in accordance with ACDEH and RWQCB directives, and in a manner that is protective of human ~~heath~~ health and the environment.

* Explain briefly that ~~site specific data collection is planned~~ ^{field work ~~will~~ occur} ~~will be~~ in the vicinity of _____ in order to collect site specific data ^{to assist in} completing the risk assessment. A w/p ~~with~~ describing the planned field work is attached for your information.

*Scott -
Please
look over &
comment.*

*Jky
Amy*

Former Chevron Station #9-5607 5269 Crow Canyon Road Castro Valley, CA

March 28, 1996

Chevron has been conducting remedial activities at its former service station site for more than ten years. This fact sheet was prepared and is being provided to its neighbors in an effort to provide specific information regarding Chevron's activities.

Background

In 1985, a discrepancy was discovered in the product inventory records maintained at Chevron's service station, indicating the possibility that a leak had developed in the underground storage tanks or the piping between the tanks and pump islands. Monitor wells were installed and the presence of gasoline was confirmed beneath the site. Chevron discontinued service station operations and removed all existing underground storage tanks and associated piping. Gasoline contaminated soil was excavated and removed from the site for disposal. Chevron has worked closely with the California Regional Water Quality Control Board (RWQCB) and the Alameda County Department of Environmental Health (ACDEH), and is in compliance with the Agencies' requirements.

Current Status

A groundwater pump and treat system has operated on the site since 1985, treating more than one million gallons of groundwater. The system was designed to remove any gasoline contamination which may be present in the

groundwater and to minimize the further migration of groundwater contamination. Groundwater conditions are monitored on a quarterly basis and have demonstrated that the plume of contamination is not migrating and that natural attenuation, or degradation of contamination, is occurring.

Proposed Work

As you may already be aware, releases of gasoline from underground storage tanks at service station sites, while regrettable, is not an uncommon occurrence. Based upon Chevron's experience at similar sites, it does not believe that the gasoline contamination present in the soil and groundwater at, or in the vicinity of its former service station poses a significant health risk. To confirm its assumptions, Chevron will perform a human health risk assessment, to evaluate the actual and theoretical risk created by the gasoline contamination which has been identified. The risk assessment will be performed according to accepted industry and regulatory standards, and will be reviewed by ACDEH and RWQCB as part of efforts to establish ultimate remediation cleanup goals. Chevron expects that the assessment will be completed in late August, 1996.

Chevron is committed to continued remediation of the site in accordance with ACDEH and RWQCB directives, and in a manner that is protective of human health and the environment.

*that includes
explain
briefly
field
work*

FOR MORE INFORMATION

For more information, please contact one of the following:

Brett Hunter
Site Assessment and Remediation Engineer
Chevron Products Company
(510) 842-8695

Amy Leach
Alameda County Health Care Services Agency
Division of Environmental Health
(510) 567-6755

Site related documents are available for public review at the following locations:

Alameda County Health Care Services Agency
Division of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502
(510) 567-6755

California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612
(510) 286-1255