



July 15, 2004

TRC Project No. 42010301

Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Alameda County
JUL 19 2004
Environmental Health

RE: Quarterly Status Report - Fourth Quarter 2003
76 Station #6034, 4700 First Street, Livermore, California
Alameda County

Dear Mr. Seery:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Fourth Quarter 2003 Quarterly Status Report for the subject site.

PREVIOUS ASSESSMENTS

The subject site is an active gasoline station. The site is located adjacent to and northwest of the Arroyo Seco (intermittent drainage stream). Two gasoline stations are located adjacent to the site. The site is located approximately 9,000 feet northwest of Lawrence Livermore National Laboratory.

August 1989: Two underground storage tanks (USTs), one waste oil UST, and the product piping were removed. Petroleum hydrocarbon levels in soil samples collected beneath the fuel USTs were non-detect to moderate. The fuel UST pit was subsequently overexcavated to a depth of 17.5 feet below grade in order to remove hydrocarbon-impacted soil. Petroleum hydrocarbon levels in soil samples collected beneath the waste oil UST were non-detect.

October 1989: Four monitoring wells were installed to depths of approximately 27 feet below ground surface (bgs). Groundwater was encountered at depths ranging from 14.5 to 17.5 feet bgs.

January 1990: A monthly monitoring and quarterly sampling program was initiated.

August 1995: An oxygen-releasing compound (magnesium peroxide) was placed in well MW-2 to enhance biodegradation of petroleum hydrocarbons. Also, a non-attainment zone status was sought from the regulatory agencies.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

SENSITIVE RECEPTORS

The site is located adjacent to and northwest of the Arroyo Seco (intermittent drainage stream).

MONITORING AND SAMPLING

Seven onsite wells are currently monitored semi-annually, with two wells (MW-2 and MW-4) sampled semi-annually. The groundwater gradient and flow direction were 0.006 foot/foot to the north.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in well MW-2 and MW-4, with a maximum concentration of 15,000 micrograms per liter ($\mu\text{g/l}$) in well MW-2.

Benzene and methyl tertiary butyl ether (MTBE) were not detected in the sampled wells.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

CORRESPONDENCE DURING THE QUARTER

No correspondence this quarter.

FOURTH QUARTER 2003 ACTIVITIES

October 2, 2003: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

FIRST QUARTER 2004 ACTIVITIES

Await agency directives for additional assessment work, if any.

Continue semi-annual monitoring and sampling to assess plume stability and concentration trends at key wells.

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If you have any questions regarding this report, please call Roger Batra at (925) 688-2466.

Sincerely,

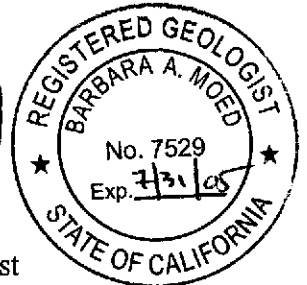
TRC

Roger Batra

Roger Batra
Senior Project Manager

Barbara Moed

Barbara Moed, R.G.
Senior Project Geologist



cc: Shelby Lathrop, ConocoPhillips (electronic upload)

20258



Alameda County
JUL 19 2004
Environmental Health

July 15, 2004

TRC Project No. 42010301

Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - First Quarter 2004
76 Station #6034, 4700 First Street, Livermore, California
Alameda County

Dear Mr. Seery:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2004 Quarterly Status Report for the subject site.

PREVIOUS ASSESSMENTS

The subject site is an active gasoline station. The site is located adjacent to and northwest of the Arroyo Seco (intermittent drainage stream). Two gasoline stations are located adjacent to the site. The site is located approximately 9,000 feet northwest of Lawrence Livermore National Laboratory.

August 1989: Two underground storage tanks (USTs), one waste oil UST, and the product piping were removed. Petroleum hydrocarbon levels in soil samples collected beneath the fuel USTs were non-detect to moderate. The fuel UST pit was subsequently overexcavated to a depth of 17.5 feet below grade in order to remove hydrocarbon-impacted soil. Petroleum hydrocarbon levels in soil samples collected beneath the waste oil UST were non-detect.

October 1989: Four monitoring wells were installed to depths of approximately 27 feet below ground surface (bgs). Groundwater was encountered at depths ranging from 14.5 to 17.5 feet bgs.

January 1990: A monthly monitoring and quarterly sampling program was initiated.

August 1995: An oxygen-releasing compound (magnesium peroxide) was placed in well MW-2 to enhance biodegradation of petroleum hydrocarbons. Also, a non-attainment zone status was sought from the regulatory agencies.

October 2003: Site environmental consulting responsibilities were transferred to TRC.



SENSITIVE RECEPTORS

The site is located adjacent to and northwest of the Arroyo Seco (intermittent drainage stream).

MONITORING AND SAMPLING

Seven onsite wells are currently monitored semiannually, with two wells (MW-2 and MW-4) sampled semi-annually. No wells were gauged or sampled this quarter.

CHARACTERIZATION STATUS

The site is monitored and sampled semi-annually. The next monitoring and sampling event is scheduled for the second quarter of 2004.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

CORRESPONDENCE DURING THE QUARTER

No correspondence this quarter.

FIRST QUARTER 2004 ACTIVITIES

No gauging or sampling was performed this quarter.

SECOND QUARTER 2004 ACTIVITIES

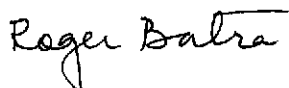
Await agency directives for additional assessment work, if any.

Continue semi-annual monitoring and sampling to assess plume stability and concentration trends at key wells.

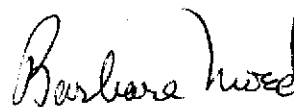
If you have any questions regarding this report, please call Roger Batra at (925) 688-2466.

Sincerely,

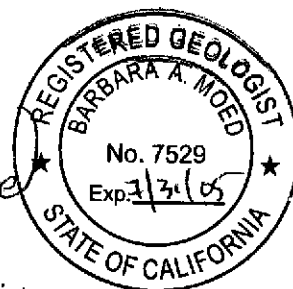
TRC



Roger Batra
Senior Project Manager



Barbara Moed, R.G.
Senior Project Geologist



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cc: Shelby Lathrop, ConocoPhillips (electronic upload)



Customer-Focused Solutions

July 15, 2004

TRC Project No. 42010301

Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Second Quarter 2004
76 Station #6034, 4700 First Street, Livermore, California
Alameda County

Dear Mr. Seery:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Second Quarter 2004 Quarterly Status Report for the subject site.

PREVIOUS ASSESSMENTS

The subject site is an active gasoline station. The site is located adjacent to and northwest of the Arroyo Seco (intermittent drainage stream). Two gasoline stations are located adjacent to the site. The site is located approximately 9,000 feet northwest of Lawrence Livermore National Laboratory.

August 1989: Two underground storage tanks (USTs), one waste oil UST, and the product piping were removed. Petroleum hydrocarbon levels in soil samples collected beneath the fuel USTs were non-detect to moderate. The fuel UST pit was subsequently overexcavated to a depth of 17.5 feet below grade in order to remove hydrocarbon-impacted soil. Petroleum hydrocarbon levels in soil samples collected beneath the waste oil UST were non-detect.

October 1989: Four monitoring wells were installed to depths of approximately 27 feet below ground surface (bgs). Groundwater was encountered at depths ranging from 14.5 to 17.5 feet bgs.

January 1990: A monthly monitoring and quarterly sampling program was initiated.

August 1995: An oxygen-releasing compound (magnesium peroxide) was placed in well MW-2 to enhance biodegradation of petroleum hydrocarbons. Also, a non-attainment zone status was sought from the regulatory agencies.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

SENSITIVE RECEPTORS

The site is located adjacent to and northwest of the Arroyo Seco (intermittent drainage stream).

MONITORING AND SAMPLING

Seven onsite wells are currently monitored semi-annually, with two wells (MW-2 and MW-4) sampled semi-annually. The groundwater gradient and flow direction were 0.006 foot/foot to the northwest.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in both wells, with a maximum concentration of 8,000 micrograms per liter ($\mu\text{g}/\text{l}$) in MW-2.

Benzene was not detected in the sampled wells.

Methyl tertiary butyl ether (MTBE) was detected in one of the two wells sampled, with a maximum concentration of 1.5 $\mu\text{g}/\text{l}$ in MW-4.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

April 30, 2004: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

NEXT QUARTER ACTIVITIES

Submit site for no further action pending agency discussion, concurrence with site direction, and submittal of appropriate supporting documentation. If no further action is not approved discussions will proceed with the agency to determine site path forward.

During agency review of closure request, semi-annual monitoring and sampling will continue, to provide additional data on plume stability and concentration trends at key wells. If closure is approved prior to the fourth quarter 2004, the fourth quarter 2004 monitoring event will not

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occur, and instead final site closure actions will be conducted prior to the end of the calendar year.

If you have any questions regarding this report, please call Roger Batra at (925) 688-2466.

Sincerely,

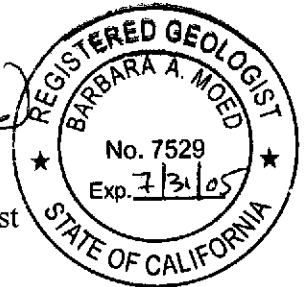
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