

Technical Memorandum

To: File

From: Johnnie Chamberlin, Alex Wolk, and Laura Prickett

Date: November 16, 2018

Re: **Santa Cruz Route 1 Tier I/Tier II Project**
Hazardous Waste Memorandum to File

Approved: 
Lara Bertaina, Senior Environmental Planner
Caltrans

11/3/19
Date Signed

Purpose and Organization of this Memorandum

This memorandum documents decisions made by Caltrans District 5 regarding the preparation of Section 2.2.5, Hazardous Waste/Materials, of the Final Environmental Impact Report/Environmental Assessment (EIR/EA) for the Santa Cruz Route 1 Tier I/Tier II Project. The information in this memorandum is presented according to the order in which topics are organized in Section 2.2.5 of the Final EIR/EA.

Decisions Regarding Section 2.2.5, Hazardous Waste/Materials, of the Final EIR/EA**Affected Environment**

- Additional detail was added to descriptions of hazardous materials that have the potential to be found in the project area, based on input provided by staff from Caltrans Division of Environmental Analysis, Headquarters.
- Descriptions of Recognized Environmental Conditions were updated to include additional details on site history and closure letter findings. The referenced closure letters are included in Attachment A of this memorandum.
- The description of Service Station No. 88, located at 2700 41st Avenue in Soquel, was expanded to include information from the closure letter regarding concentrations and locations of remaining contaminants and site-specific requirements for notification of regulatory agencies prior to changes of site configuration or earthwork at the site.

Environmental Consequences

- An introduction to the Environmental Consequences section was added.
- The description of closed cases was updated and expanded to include a discussion of information from closure letters. Information on the site at 2700 41st Avenue was added noting that the closure letter for this site detailed remaining contamination at the site and site specific requirements for notification of regulatory agencies prior to changes of site configuration or earthwork at the site.
- The discussion of sites considered to be open cases was updated to reflect the current number of open cases and to provide additional detail on the potential for hazardous material release or exposure.
- Language was added explaining why a preliminary site investigation was not necessary during the project approval/ environmental analysis phase, noting that a Phase 2 investigation would be conducted during the final design phase.

Avoidance, Minimization, and/or Mitigation Measures

- Language was added describing scheduled regulatory agency coordination for final design phase of the project, noting that information provided to date was adequate for development of this section.

Attachments:

Attachment A - Closure Letters for Closed Cases Referenced in Section 2.2.5 of the Final EIR/EA

- 836 Bay Avenue
- 1500 Soquel Drive
- 1524 Commercial Way
- 1650 Commercial Way
- 2255 41st Avenue
- 2407 Porter St.
- 2435 41st Avenue
- 2501 S Main St.
- 2700 41st Avenue
- 6100 Soquel Avenue
- 7070 Soquel Avenue

Attachment A

Closure Letters for Closed Cases Referenced in Section 2.2.5 of the Final EIR/EA

Central Coast Regional Water Quality Control Board

April 17, 2013

Ms. Jennifer Sedlachek
ExxonMobil Environmental Services Company
jennifer.c.sedlachek@exxonmobil.com

Dear Ms. Sedlachek:

**UST: FORMER EXXON SERVICE STATION NO. 73604 - 836 BAY AVENUE,
CAPITOLA, SANTA CRUZ COUNTY – CASE CLOSURE – (CASE NO. 1024)**

This letter confirms the completion of site investigation and corrective action for the underground storage tanks formerly located at the above-referenced location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to Health and Safety Code, Section 25296.10, subdivision (g). If you have any questions, please contact **Tom Sayles at (805) 542-4640** or at tsayles@waterboards.ca.gov or Chris Adair at (805) 549-3761.

Sincerely,

Kenneth A Harris Jr.
Interim Executive Officer

S:\UST\Regulated Sites\Santa Cruz Co\Capitola\836 Bay Avenue\Closure Documents\Closure Letter.doc

Central Coast Regional Water Quality Control Board

November 22, 2013

Mr. James Kiernan
Chevron Environmental Management Company
jkiernan@chevron.com

Dear Mr. Kiernan:

**UST: FORMER CONOCOPHILLIPS SERVICE STATION 6193, 1500 SOQUEL DRIVE,
SANTA CRUZ, SANTA CRUZ COUNTY– CASE CLOSURE (CASE NO. 350)**

This letter confirms the completion of site investigation and corrective action for the underground storage tanks formerly located at the above-referenced location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site are in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to Health and Safety Code, Section 25296.10, subdivision (g). If you have any questions, please contact **Tom Sayles at (805) 542-4640** or at tsayles@waterboards.ca.gov or Chris Adair at (805) 549-3761.

Sincerely,

Kenneth A Harris Jr.
Executive Officer

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December 4, 1995

R. J. Cochran
Chevron U.S.A. Products Co.
Site Assessment and Remediation Group
P. O. Box 5004
San Ramon, CA 94583-0804

**RE: UNDERGROUND STORAGE TANK CLOSURE
LOCATION: 1524 COMMERCIAL WAY**

Dear Mr. Cochran:

This office has received concurrence from Mr. Harvey Packard of the Central Coast Regional Water Quality Control Board that further assessment is not needed at this time at the former Chevron Station at the above address. Please note that this determination does not relieve you of other agencies' requirements, nor does it relieve you or future owners or operators of having to perform additional work, should future information indicate that a contamination/pollution problem exists or should assessment or clean-up standards change.

If you have questions or need additional assistance, please feel free to contact me at (408) 454-2759 any weekday morning from 8:00 a.m. to 9:30 a.m.

Sincerely,

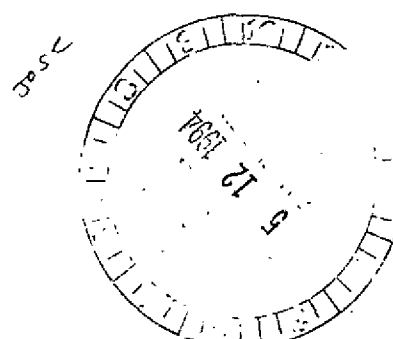
JOSE J. DE ANDA, R.E.H.S.
Senior Environmental Health Specialist

JJD:lv

cc: Ms. Diane Gorham
Red Trees Properties

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD —
CENTRAL COAST REGION**

81 HIGUERA STREET, SUITE 200
SAN LUIS OBISPO, CA 93401-5414
(805) 549-3147



May 4, 1994

Ms. Diane Gorham
Redtree Properties
P.O. Box 1041
Santa Cruz, CA 95061

Dear Ms Gorham:

FILE

**SLIC: 1650 COMMERCIAL WAY, SANTA CRUZ, REDTREE PROPERTIES; SITE
CLOSURE**

We received Geomatrix's April 18, 1994 notice of monitoring well abandonment at the subject site. We have no further requirements for investigation, monitoring, or cleanup and consider this case closed.

As with any real property, additional or previously unidentified contamination at the site may require additional investigation and cleanup. Thank you for your diligence in protecting water quality in the central coast region.

If you have any questions regarding this matter, please direct them to Harvey Packard at (805) 542-4639 before 10 a.m. or after 1 p.m.

Sincerely,

ROGER W. BRIGGS
Executive Officer

HP:sg

cc: Jose De Anda
Santa Cruz County Environmental Health Service
701 Ocean Street, Room 312
Santa Cruz, CA 95060

Yvonne Pierce
Geomatrix
100 Pine Street, 10th Floor
San Francisco, CA 94111

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California Regional Water Quality Control Board

Central Coast Region

Terry Tamminen
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov>
895 Aerovista Place, Suite 101, San Luis Obispo, California 93401-7906
Phone (805) 549-3147 • FAX (805) 543-0397



Arnold
Schwarzenegger
Governor

July 21, 2004

Mr. Edward Ralston
ConocoPhillips
76 Broadway
Sacramento, CA 95812

Dear Mr. Ralston:


UST: TOSCO SERVICE STATION NO. 4902 – 2255 41st AVENUE, CAPITOLA, SANTA CRUZ COUNTY; CASE CLOSURE TRANSMITTAL (RWQCB CASE NO. 2576)

Regional Board staff reviewed TRC's, *Well Abandonment Report* dated July 19, 2004 and the *Case Closure Summary* form. Thank you for the information. The requirements for case closure have been met. This case is now closed as certified by the enclosed Case Closure letter.

This concludes the Regional Board's regulatory oversight for the investigation and cleanup of the former release. This letter does not relieve you of other agency's requirements, which may continue to have jurisdiction or require further work. As with any real property, additional or previously identified contamination at the site may require additional investigation and cleanup.

Thank you for your diligence in addressing water quality issues at the subject site and your continued commitment to the protection of water quality in the Central Coast Region. If you have questions regarding this matter, please call Tom Sayles at (805) 542-4640.

Sincerely,


For Roger W. Briggs
Executive Officer

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Enclosures: 1) Case Closure letter 2) Case Closure Summary form

cc:

Ms. Nancy Callsen
SWRCB-DCWP
UST Cleanup Fund
P. O. Box 944212
Sacramento, CA 94244-2120

Mr. Rolando Charles
Santa Cruz County
Environmental Health Serv.
Agency, 701 Ocean St., Rm 312
Santa Cruz, CA 95060

Mr. Roger Batra
TRC Solutions, Inc.
5052 Commercial Circle
Concord, CA 94520

California Environmental Protection Agency



Recycled Paper



Terry Tamminen
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Central Coast Region



Arnold Schwarzenegger
Governor

Internet Address: <http://www.swrcb.ca.gov/rwqcb3>
895 Aerovista Place, Suite 101, San Luis Obispo, California 93401
Phone (805) 549-3147 • FAX (805) 543-0397

July 21, 2004

Mr. Edward Ralston
ConocoPhillips
76 Broadway
Sacramento, CA 95812

Dear Mr. Ralston:

UST: TOSCO SERVICE STATION NO. 4902 – 2255 41st AVENUE, CAPITOLA, SANTA CRUZ COUNTY; CASE CLOSURE (RWQCB CASE NO. 2576)


This letter confirms the completion of site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tanks site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

If you have questions regarding this matter, please call **Tom Sayles at (805) 542-4640.**

Sincerely,


For Roger W. Briggs
Executive Officer

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California Environmental Protection Agency



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CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program

I. Agency Information

| | |
|---|--|
| Agency Name: RWQCB - Central Coast Region | Address: 895 Aerovista Place, Suite 101 |
| City/State/Zip: San Luis Obispo, CA 93401-7906 | Phone: (805) 542-4640 |
| Responsible Staff person: Tom Sayles | Title: Associate Engineering Geologist |

II. Case Information

| | | |
|---|-----------------------------------|----------------------------|
| Site Facility Name: Tosco Service Station No. 4902 | | RWQCB Case No. 2576 |
| Site Facility Address: 2255 41 st Avenue, Capitola, Santa Cruz County | | |
| Responsible Parties | Address | Phone Number |
| ConocoPhillips – Ed Ralston | 76 Broadway, Sacramento, CA 95818 | (916) 558-7633 |
| | | |
| Property Owner | | |
| ConocoPhillips – Ed Ralston | 76 Broadway, Sacramento, CA 95818 | (916) 558-7633 |

III. Tank Information

| Tank # | Size in Gallons | Contents | Closed in Place/Removed | Date |
|--------|-----------------|-----------|-------------------------|--------|
| 1 | 12,000 | Gasoline | Active | |
| 2 | 12,000 | Gasoline | Active | |
| 3 | 520 | Waste Oil | Removed | Oct-95 |
| 4 | | | | |
| 5 | | | | |

IV. Release and Site Characterization Information

| | | |
|---|---|-------------------------------|
| Cause and Type of Release: Unknown | | |
| Site Characterization Complete? Yes | Date Approved by Oversight Agency: | |
| Monitoring Wells Installed? Yes | Number: 4 | Proper Screened Interval? Yes |
| Highest GW Depth Below Ground Surface: 59.68 | Lowest: 64.45 | Flow Direction: Southeast |
| Most Sensitive Current GW Use: Domestic Water Wells | | |
| Are Drinking Water Wells Affected? No | Hydrologic Unit: Santa Cruz (Aptos-Soquel HSA) 304.13 | |
| Is Surface Water Affected? No | Nearest affected SW name: N/A | |
| Off-site Beneficial Use Impacts (addresses/locations): None | | |

CASE CLOSURE SUMMARY

Leaking Underground Storage Tank Program

Page 2

V. Treatment/Disposal Methods (Attach any additional information)

| Material | Amount (Include Units) | Action (Treatment or Disposal Method) | Date |
|--------------|------------------------------|---|------------------|
| Tanks | 520 gal. Waste Oil Tank | Removed | October 1995 |
| Piping | Two Sets Product Piping | Removed during service upgrades | June 1993 |
| | Waste Oil and Product Piping | Removed during waste oil tank removal and installation of new product dispenser islands | Sep-Oct 1995 |
| Free Product | N/A | No Free Product Encountered | |
| Soil | 100 yards ³ | Disposed of at The City of Mountain View Landfill | June 1993 |
| | 405 yards ³ | Disposed of at Forward Landfill | 1995 |
| Ground Water | 135,150 Gallons | Treated and disposed at Tosco Refinery | Mar 01 to Dec 02 |

Maximum Documented Contaminant Concentrations--Before and After Cleanup

| Contaminant | Soil (mg/kg) | | Water (µg/L) | | Contaminant | Soil (mg/kg) | | Water (µg/L) | |
|--------------|--------------|-------|--------------|---------|--------------|--------------|-------|--------------|--------|
| | Before | After | Before | After | | Before | After | Before | After |
| TPH (Gas) | 140 | N/A | 200 | ND<50 | 1,2-DCA | N/A | N/A | N/A | N/A |
| TPH (Diesel) | 160 | 8.0 | N/A | N/A | Oil & Grease | 220 | 150 | N/A | N/A |
| Benzene | 0.09 | N/A | ND<0.50 | ND<0.50 | Lead | 9.2 | N/A | N/A | N/A |
| Toluene | 0.07 | N/A | ND<0.50 | ND<0.50 | MTBE | 9.7 | N/A | 159,000 | ND<2.0 |
| Ethylbenzene | 0.23 | N/A | ND<0.50 | ND<0.50 | Other | | | | |
| Xylenes | 1.7 | N/A | ND<1.0 | ND<1.0 | | | | | |

Comments: Soil Data taken from Gettler-Ryan Request for Closure document dated July 14, 2003.

VI. Closure

| | | |
|---|----------------------------|------------------------------|
| Does completed corrective action protect existing beneficial uses per the Basin Plan? Yes | | |
| Does completed corrective action protect potential beneficial uses per the Basin Plan? Yes | | |
| Does corrective action protect public health for current land use? Yes | | |
| Site Management Requirements: | | |
| | | |
| | | |
| | | |
| Should corrective action be reviewed if land use changes? Yes | | |
| Monitoring Wells Destroyed: Yes | Number Destroyed: 4 | Number Retained: None |

CASE CLOSURE SUMMARY
Leaking Underground Storage Tank Program

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List Enforcement Actions Taken: None

List Enforcement Actions Rescinded: None

VII. Local Agency Representative Data

| | |
|--|---|
| Agency Name: RWQCB - Central Coast Region | Address: 895 Aerovista Place, Suite 101 |
| City/State/Zip: San Luis Obispo, CA 93401-7906 | Phone: (805) 542-4640 |
| Responsible Staff person: Tom Sayles | Title: Associate Engineering Geologist |

VIII. Additional Comments

| | |
|---|-----------|
| Technical reports, correspondence etc. in chronological order: | |
| TITLE/ SUBJECT | DATE |
| United States Geological Survey Topographic Map, Soquel Quadrangle | 1980 |
| Pacific Environmental Group Inc. / Product line Excavation and Sampling | 8/14/1993 |
| Pacific Environmental Group Inc., Unocal Service Station 4902, 2255 41 st Avenue at Gross Road | 1995 |
| IT Corporation (IT) / Soil and Groundwater Investigation | 1/18/2000 |
| IT Addendum to Off-Site Groundwater Assessment Work Plan | 9/14/2000 |
| IT Off-Site Groundwater Assessment Report | 9/21/2001 |
| IT/ Batch Groundwater Extraction and Groundwater Monitoring and Sampling Activities – First Quarter 2002 | 4/22/2002 |
| SECOR / Dual-Phase Extraction Summary Report | 2/4/2003 |
| Gettler-Ryan, Inc. / Groundwater Monitoring and Sampling Report First Quarter – Event of 1/7/03 | 2003 |
| Gettler-Ryan, Inc. / Groundwater Monitoring and Sampling Report Second Quarter – Event of 4/8/03 | 2003 |
| Gettler-Ryan, Inc. / Request for Closure | 7/14/2003 |
| Gettler-Ryan, Inc. / Groundwater Monitoring and Sampling Report Third Quarter – Event of 7/7/2003 | 2003 |
| TRC / Fourth Quarter 2003 Fluid Level Monitoring and Groundwater Sampling Report | 1/6/2004 |
| TRC / Fourth Quarter 2003 Project Report | 1/18/2004 |
| TRC / First Quarter 2004 Fluid Level Monitoring and Groundwater Sampling Report | 4/12/2004 |
| TRC / First Quarter 2004 Quarterly Summary Report | 4/2004 |

IX. Regional Board Certification

| | |
|---|---------------|
| Signature of Executive Officer <i>PK</i> <i>Bradley E. Hagman AEO</i> | Date: 7/22/04 |
|---|---------------|

CASE CLOSURE SUMMARY
Leaking Underground Storage Tank Program

Page 4

X. Additional Information (to be attached to this report)

1. Listing of Reports

Please include a list of all investigative reports, including reports prepared for financial institutions such as Phase I Environmental Assessments, all monitoring data, corrective action alternatives analyses, and other consultant reports. If a report on the list has not been previously submitted to the Regional Board, please submit the report with this form.

On or attached to the list must be the following statement, with the dated signature of the responsible party or his agent:

"I attest, under penalty of perjury, in accordance with Water Code section 13267, the following documents constitute the complete list of documents pertaining to waste discharged, hydrogeology and other information directly relevant to the characterization and cleanup of the waste discharged at the subject site."

The following items are optional as applicable to the review of the site for closure:

2. Extent of Soil Contamination

- a) Maps showing the extent of soil degradation by chemicals of concern in excess of guidelines, before and after remediation.
- b) Geologic log of the most highly degraded soil boring or monitoring well showing sample points with a list of contaminant concentrations.
- c) Summary table of all historic soil sampling results.

3. Extent of Ground Water Contamination

- a) Maps showing the extent of ground water degradation in excess of detection limits for chemicals of concern, before and after remediation.
- b) Geologic logs, including construction, for all wells.
- c) Representative geologic log identifying all aquifers.
- d) Two intersecting cross-sections of the site.
- e) Summary table of all historic ground water analyses and water levels.



County of Santa Cruz

HEALTH SERVICES AGENCY

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073

(831) 454-2022 FAX: (831) 454-3128 TDD: (831) 454-4123

ENVIRONMENTAL HEALTH

February 12, 1999

Mr. Charles Carmel
ARCO Products Company
17 Terrace Road
Walnut Creek, CA 94596

RE: UNDERGROUND STORAGE TANK CLOSURE
LOCATED AT 2407 PORTER STREET, SOQUEL

Dear Mr. Carmel:

This office has received analytical sample results from your underground storage tank closure project of October 17, 1996.

These results suggest further assessment is not needed at this time. Please note this determination does not relieve you of other agency requirements, nor does it relieve you or future owners or operators of additional work, should future information indicate that a contamination/pollution problem exists or should assessment or clean-up standards change.

If you have questions or need additional assistance, please feel free to contact me at (831) 454-2753 between 8:00 and 9:30 a.m., Monday through Thursday.

Sincerely,

TIM EPPERSON, R.E.H.S.
Senior Environmental Health Specialist

TE:lv

cc: Pacific Env. Group, Inc.
Central Coast - Regional Water Quality Control Board



ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312
SANTA CRUZ, CALIFORNIA 95060
(408) 425-2341

November 5, 1991

Mike Butcher
San Lorenzo Lumber
P. O. Box 2367
Soquel, CA 95073

RE: UNDERGROUND STORAGE TANK CLOSURE
LOCATION: 2435 41st Avenue

Dear Mr. Butcher:

This office has received analytical sample results for the contaminated soil stockpile from your underground storage tank closure project at 2345 41st Avenue.

These results suggest further assessment is not needed at this time. Please note that this determination does not relieve you of other agency requirements. The Santa Cruz County Environmental Health Service finds disposal of the soil at a Class III landfill that can receive it acceptable.

If you have questions or need additional assistance, please feel free to contact me at (408) 425-2517 any weekday morning from 8:00 a.m. to 9:30 a.m..

Sincerely,

JOSE DE ANDA, R.E.H.S.
Senior Environmental Health Specialist

JJD:cl



County of Santa Cruz

HEALTH SERVICES AGENCY

ENVIRONMENTAL HEALTH

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073

(831) 454-2022 FAX: (831) 454-3128

<http://www.co.santa-cruz.ca.us/>

July 8, 2011

Ms. Jennifer Sedlachek
ExxonMobil Environmental Services
4096 piedmont Avenue
Oakland, CA 94611

SUBJECT: *Underground Storage Tank Closure for the Former Exxon 7-0281 Located at 2501 South Main Street, Soquel*

Dear Ms.Sedlachek:

The Santa Cruz County Environmental Health Service (SCCEHS) has reviewed the following documents for the subject site: (1) Case Closure Transmittal (Case No. 3049) from the Regional Water Quality control Board (RWQCB) dated June 28, 2011 (2) *Recommendation for Case Closure by Environmental Resolutions, Inc. dated September 24, 2010*; and (3) *Well Destruction Report by Cardno ERI, dated June 13, 2011*. Thank you for the submittals. This letter presents our response.

Based on the results presented in these documents, further site assessment is not needed for our agency at this time.

Please recognize that this determination does not relieve you or future owners or operators of requirements from other agencies or of additional requirements from our agency if regulations or standards change or if further review, information, or site findings indicate that additional activities are warranted. If new information becomes available regarding soil or groundwater contamination at the site or if site use or site activities change such that possible exposure to a released hazardous material or waste may occur, this information must be reported to our agency. Any person who has knowledge of or observes a release of a hazardous material or waste which they suspect to be unauthorized must report the release immediately or as soon as practically possible to our agency.

If you have any comments or questions regarding this letter, you may contact me at weekday morning at (831) 454-2738.

Respectfully,

Rebecca Supplee, R.E.H.S.
Santa Cruz county Environmental Health Services
701 Ocean Street, Room 312
Santa Cruz, CA 95060

CC: CRWQCB-CCR
Jeff Newhouse, 3121 park Avenue, Suite A, Soquel, CA 95073
Cardno ERI, 601 North McDowell Blvd., Petaluma, CA 94954



County of Santa Cruz

HEALTH SERVICES AGENCY

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073

(831) 454-2022 FAX: (831) 454-3128

<http://www.co.santa-cruz.ca.us/>

ENVIRONMENTAL HEALTH

February 19, 2016

Ms. Anne Duarte, R.S.
Tesoro Refining & Marketing Company, LLC
3450 S 344th Way, Suite 201
Auburn, WA 98001
Anastasia.E.Duarte@tsocorp.com

SUBJECT: *Underground Storage Tank Closure, Tesoro Station No. 68219 (Former USA Service Station No. 88), 2700 41st Avenue, Soquel, California*

Dear Ms. Duarte:

The Santa Cruz County Environmental Health Service (SCCEHS) has reviewed the following document for the subject site: (1) *Sampling Report for Closure of Fuel USTs, Dispensers and Piping* (dated January 21, 2016, by Horizon Environmental, Inc. [Horizon]). Thank you for the submittal. The report describes the removal of three underground storage tanks (USTs) and the collection of 15 confirmation soil samples beneath the former USTs and former dispensers at the subject site on November 18, 2015. Following the initial soil confirmation sampling event, soil overexcavation was conducted beneath the former USTs on December 7, 2015, and beneath the former dispensers on December 17 and 28, 2015. An additional 23 overexcavation confirmation soil samples were collected between the depths of approximately 9 to 20 feet below ground surface to vertically and horizontally characterize residual soil contamination. Our review of site conditions and the cited document suggests that no further assessment and/or remediation are needed in regards to the UST closure project at the site for our agency at this time. The cited document was also reviewed by Central Coast Regional Water Quality Control Board (CCRWQCB). In their February 19, 2016, electronic correspondence to our agency, the CCRWQCB concurred that no further action is currently required at the subject site.

SPECIAL CONDITIONS

Our agency has a site-specific condition for this case closure. We note that soil chemical concentrations remain in a limited area beneath the former UST #T3 (the northwestern UST) at a depth of 15 to 20 feet below ground surface. Although we understand the chemical concentrations do not currently present an unacceptable health and/or ecological risk, acceptable risk levels could be exceeded if there were a change in the site configuration or use. **Based on these considerations, prior to any grading, excavation, or dewatering in the impacted area or any changes to the site configuration or use, you are required to notify our agency and the CCRWQCB for an evaluation of any special requirements that may be appropriate to protect human health and/or the environment.** The levels of residual contamination and any associated risks are expected to reduce with time.

GENERAL CONDITIONS

Please recognize that our UST closure project determination does not relieve you or future owners or operators of requirements from other agencies or of additional requirements from our agency if regulations or standards change or if further review, information, or site findings indicate that additional activities are warranted. If new information becomes available regarding soil or groundwater contamination at the site or if site use or site activities change such that possible exposure to a released hazardous material or waste may occur, this information must be reported to our agency. Any person who has knowledge of or observes a release of a hazardous material or waste that they suspect to be unauthorized is required to report the release immediately or as soon as practically possible to our agency.

Thank you for your cooperation in addressing this UST closure project and for your commitment to the protection of water quality and environmental health in the County of Santa Cruz. If you have any comments or questions regarding this letter, you may contact John Gerbrandt at (831) 454-2731, 8:00 a.m. to 9:30 a.m., Monday through Friday.

Sincerely,



Tim L. Fillmore, REHS
Hazardous Materials Program Manager

Cc: Mr. Tom Sayles, CCRWQCB (tsayles@waterboards.ca.gov)
Mr. Ken Mateik, Horizon Environmental, Inc. (KMateik@horizonenvironmental.net)
Mr. Jeff Scott, B+T Service Station Contractors (jeff@btssc.com)



ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312
SANTA CRUZ, CALIFORNIA 95060
(408) 425-2341

September 12, 1991

Mr. Steven McConnell
Coca-Cola Enterprises
14655 Wicks Boulevard
San Leandro, CA 94577

RE: UNDERGROUND STORAGE TANK SITE ASSESSMENT RESULTS
LOCATION: COCA-COLA, 6100 SOQUEL AVENUE, SANTA CRUZ

Dear Mr. McConnell:

This office has received analytical sample results from your underground storage tank closure project.

These results suggest further assessment is not needed at this time. Please note this determination does not relieve you of other agency requirements, nor does it relieve you or future owners or operators of additional work, should future information indicate that a contamination/pollution problem exists or should assessment or clean-up standards change.

Santa Cruz County Code Chapter 7.100.340(B) Unauthorized Release - Clean-Up Responsibility allows the Health Officer to recover costs, including administrative, incurred as a result of remedying the results of a release.

The following expenses have been incurred by this department for consultation and oversight of this project:

| <u>DATE</u> | <u>ACTIVITY</u> | <u>TIME SPENT</u> |
|-------------|---|------------------------------|
| 7/22/91 | Review contamination assessment | 2 hours |
| 7/23/91 | Response to report | 1 hour |
| 9/11/91 | Review closure report and letter writing | 1 hour |
| TOTAL | | 4 hours X \$66/hr = \$264.00 |

PD. 9/25/91

Therefore, in accordance with the items noted above, this department requires that you reimburse the County of Santa Cruz, Environmental Health Service for its cost as follows (Invoice #1091). Please remit payment within thirty (30) days from the date of this letter.

Upon payment of the invoice enclosed we will close our files on this case.

If you have any questions regarding this correspondence, please feel free to contact me at 425-2365 any weekday morning except Friday from 8:00 a.m. to 9:30 a.m..

Sincerely,

Steve Baiocchi
STEVE BAIOCCHI, R.E.H.S.
Senior Environmental Health Specialist

10/21/91 C/We Incident File

SB:ljb

Enclosure: Invoice



ENVIRONMENTAL HEALTH

County of Santa Cruz

HEALTH SERVICES AGENCY

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073
(831) 454-2022 FAX: (831) 454-3128 TDD: (831) 454-4123
SAN LUIS OBISPO, CA 93401

June 2, 2005

SBC (NF508)
Attn: Stan Brodecki
P.O. Box 5095
Room 3E000
San Ramon, CA 94583

RE: Underground Storage Tank Closure
Location: 7070 Soquel Avenue, Santa Cruz, CA

Dear Mr. Brodecki:

This office has received analytical soil sample results from your underground storage tank closure project of March 25, 2005.

These results suggest further assessment is not needed at this time. Please note this determination does not relieve you of other agency requirements, nor does it relieve you or future owners or operators of additional work, should future information indicate that a contamination / pollution problem exists or should assessment or clean-up standards change.

If you have questions or need additional assistance, please feel free to contact me at (831) 454-2756 any weekday morning from 8:00 a.m. to 9:30 a.m.

Sincerely,

Rolando Charles
Environmental Health Specialist III

RC: cl

cc: Central Coast Regional Water Quality Control Board
Shaw Environmental, Inc.