ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
REBECCA GEBHART, Interim Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP)
For Hazardous Materials Releases
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

May 31, 2017

Mr. Robert Stetson
Kelly Moore Painting Co, Inc.
987 Commercial Street
San Carlos, CA 94070
(Sent via electronic mail to: rstetson@kellymoore.com)

Mr. Vern Wilirich
Firestone Tire & Rubber Co.
Address unknown

Mr. Harry Eberlin
9581 La Jolla Farms
La Jolla, CA 92037

Subject: Case Closure for Fuel Leak Case No. RO0000119 (Global ID # T0600101674), Firestone #3655, 969 San Pablo Avenue, Albany, CA 94706

Dear Messrs. Stetson, Wilirich, & Eberlin:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Department of Environmental Health (ACDEH) is required to use this case closure letter for all UST leak sites.

We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.waterboards.ca.gov) and the ACDEH website (http://www.acgov.org/aceh/index.htm).

Due to residual contamination, the site was closed with Site Management Requirements that limit future land use to the current commercial land use as an auto repair facility. Site Management Requirements are further described in Additional Information of the attached Case Closure Summary.

If you have any questions, please call Mark Detterman at (510) 567-6876. Thank you.

Sincerely,

Dilan Roe, P.E.
Chief, Land Water

Enclosures:
1. Remedial Action Completion Certification
2. Case Closure Summary

Cc w/enc.: Thomas Fojut, Weiss Associates, 2200 Powell Street, Suite 925, Emeryville, CA 94608, (Sent via electronic mail to: tjf@weiss.com)

Laurent Meillier, San Francisco Bay Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612, (Sent via electronic mail to: laurent.meillier@waterboards.ca.gov)

City of Albany Community Development, Planning Division, 1000 San Pablo Avenue, Albany, CA 94706

Dilan Roe, ACDEH, (Sent via electronic mail to: dilan.roe@acgov.org)
Paresh Khatri, ACDEH; (Sent via electronic mail to: paresh.khatri@acgov.org)
Mark Detterman, ACDEH, (Sent via electronic mail to: mark.detterman@acgov.org)
Electronic File; GeoTracker

ALAMEDA COUNTY
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AGENCY
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1131 HARBOR BAY PARKWAY, SUITE 250
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REMEDIAL ACTION COMPLETION CERTIFICATION

May 31, 2017

Mr. Robert Stetson
Kelly Moore Painting Co, Inc.
987 Commercial Street
San Carlos, CA 94070
(Sent via electronic mail to:
rstetson@kellymoore.com)

Mr. Vern Willirich
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Address unknown

Mr. Harry Eberlin
9581 La Jolla Farms
La Jolla, CA 92037

Subject: Case Closure for Fuel Leak Case No. RO0000119 (Global ID # T0600101674), Firestone #3655, 969 San Pablo Avenue, Albany, CA 94706

Dear Messrs. Stetson, Willrich, & Eberlin:

This letter confirms the completion of a site investigation and remedial 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 tank(s) are greatly appreciated.

Based on 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(s) 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(s) at the site is required.

Please be aware that 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 subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ronald Browder

Ronald Browder
Director

Underground Storage Tank
Case Closure Summary Form

Agency Information

Date: May 25, 2017

Alameda County Department of Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6876
Case Worker: Mark Detterman	Title: Senior Hazardous Materials Specialist

Case Information

Facility Name: Firestone #3655		
Facility Address: 969 San Pablo Avenue, Albany, CA 94706		
Regional Water Board LUSTIS Case No: 01-1806	Former ACDEH Case No.: 1272	Current LOP Case No.: RO0000119
Unauthorized Release Form Filing Date: 5/16/1990	State Water Board GeoTracker Global ID: T0600101674	
Assessor Parcel Number: 65-2661-43-3	Current Land Use: Commercial	
Responsible Party(s):	Address:	Phone:
Kelly Moore Painting Co. Inc. c/o Mr. Robert Stetson	987 Commercial Street San Carlos, CA 94070	----
Firestone Tire & Rubber Co. c/o Mr. Vern Wilirich	Address Unknown	----
Mr. Harry Eberlin	9581 La Jolla Farms La Jolla, CA 92037	----

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place / Removed / Active	Date
---	500-gallon	Waste Oil	Removed	5/16/1990

Site Closure Evaluation Summary

Current Land-use at time of Closure

The subject site consists of two commercial buildings occupied by Kelly Moore Paint store and Cosmo Prof in a commercial district at the intersection of San Pablo Avenue and Buchanan Street, in Albany California. The area to the north, west, and south is commercial, while land to the east is residential. The offices of the City of Albany are across the street to the southwest of the site.

Underground Storage Tank
Case Closure Summary Form

Due to residual subsurface contamination remaining at the site, if any redevelopment occurs, or if a change in land use to residential, or other conservative land use, Alameda County Department of Environmental Health (ACDEH) must be notified as required by Government Code Section 65850.2.

Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

Adjacent Property(ies) Land-use at Time of Closure

The area to the north, west, and south is commercial, while land to the east is residential. Groundwater with concentrations of chlorinated volatile organic compounds (VOCs) derived from the former waste oil UST at the subject site impact offsite groundwater to the southwest.

Historic Land-use / Site Investigation

The site was formerly a Firestone store, with a 500-gallon waste oil UST and five in-ground hydraulic lifts. The waste oil UST was removed in May 1990. Concentrations of Total Petroleum Hydrocarbons as diesel (TPHd), oil and grease, benzene, toluene, ethylbenzene, and total xylenes (BTEX), tetrachloroethene (PCE), 1,2-Dichloroetheane, and other chemicals of concern were detected. Four groundwater wells MW-1 to MW-4 were installed in September 1990. Well MW-1 was subsequently destroyed during a waste oil remedial overexcavation conducted in October 1990. The hydraulic lifts were removed in September 1998 with some additional overexcavation to reduce hydraulic oil concentrations at their former locations. Groundwater monitoring occurred intermittently between April 1998 and February 2015, and a soil vapor investigation was conducted in 2012.

Potential Exposure to Chemicals of Concern

Earlier in site investigations Chemicals of Concern (COCs) at the site included TPHd, TPH as gasoline (TPHg), BTEX, and oil and grease. These COCs were eliminated after approximately May 1999. Chlorinated VOCs, including PCE, Trichloroethene (TCE), 1,2-DCA, and vinyl chloride (VC) were identified early in site investigations, and remained as COCs at the site after the elimination of petroleum hydrocarbons as COC.

Potential exposure routes for these chemicals included the potential for vapor intrusion and direct contact exposure.

Remediation Activities

A remedial overexcavation of the waste oil UST was conducted in October 1990, and the hydraulic lifts were removed and limited overexcavation was conducted in September 1998.

Case Closure & Future Site Management Requirements

This waste oil UST release case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP) for petroleum related contaminants.

In addition, the release included chlorinated solvents. Although the chemicals released at the site are predominately not chlorinated solvents the case has also been evaluated consistent with criteria described in the Regional Water Board's *Assessment Tool for Closure of Low-Threat Chlorinated Solvents,* as they are relevant and appropriate for evaluating closure.

Due to residual contamination at the site, the site is closed as a commercial site with site management requirements. If there is a proposed change in land use to any residential, or conservative land use, or if any redevelopment occurs, ACDEH must be notified as required by Government Code Section 65850.2.2. ACDEH will re-evaluate the site relative to the proposed redevelopment. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

Refer to Attachments 1 through 5 for analysis details.

Underground Storage Tank
Case Closure Summary Form

Site Management Requirements

Case closure is granted for the current commercial land use.

Due to residual subsurface contamination remaining at the site, if any redevelopment occurs, or if a change in land use to residential, or other conservative land use, Alameda County Department of Environmental Health (ACDEH) must be notified as required by Government Code Section 65850.2.

Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

This site is to be entered into the City of Albany Permit Tracking System due to the residual contamination on site.

Institutional Controls

Not Applicable

Engineering Controls

Not Applicable

Case Closure Public Notification Information

Agency Type	Agency Name	Contact Information
Regional Water Board	San Francisco Bay	Laurent Meillier 1515 Clay Street, Suite 1400, Oakland, CA 94612
Municipal and County Water Districts	East Bay Municipal Utility District	Chandra Johannesson P.O. Box 24055, MS 702 Oakland, CA 94623
Water Replenishment Districts	Not Applicable	----

Underground Storage Tank
Case Closure Summary Form

Groundwater Basin Managers	Not Applicable	----
Planning Agency	City of Albany	City of Albany Community Development Planning Division 1000 San Pablo Avenue Albany, CA 94706
Public Works Agency	City of Albany	City of Albany Community Development Public Works Division 1000 San Pablo Avenue Albany, CA 94706
Owners and Occupants of Property and Adjacent Parcels	See List in Attachment 5	----

Monitoring Wells Status

Monitoring Wells (MW) Onsite: 6	MWs Destroyed: Yes
No MWs Destroyed: 6	No. MWs Retained: None

Local Agency Signatures

Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature:	Date: 5/31/2017
Paresh Khatri	Title: LOP Supervisor
Signature:	Date: 5/31/2017
Dilan Roe	Title: Chief, Land Water Division
Signature:	Date: 6/1/2017

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. The Conceptual Site Model may not contain all available data. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Department of Environmental Health (ACDEH) website (http://www.acgov.org/aceh/lop/ust.htm) or the State of California Water Resources Control Board GeoTracker website (http://geotracker.waterboards.ca.gov). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACDEH website.

Geotracker Conceptual Site Model (Attachment 1, 1 page)

Geotracker LTCP Checklist (Attachment 2, 1 page)

Groundwater Evaluation and Data (Attachment 3, 18 pages)

Vapor Intrusion Evaluation and Data (Attachment 4, 8 pages)

Soil Evaluation and Data (Attachment 5, 36 pages)

Responsible Party Information (Attachment 6, 8 pages)

Assessor Parcel Information (Attachment 7, 5 pages)

Case Closure Public Notification Information (Attachment 8, 2 pgs)

ATTACHMENT 1

GeoTracker | Regulator Tools | Reports | Other Tools | GAMA | Contact | Logout | Quick Search

FIRESTONE #3655 (T0600101674) - MAP THIS SITE

PUBLIC PAGE

969 SAN PABLO AVENUE
ALBANY , CA 94706
ALAMEDA COUNTY
LUST CLEANUP SITE
STATUS: OPEN - ELIGIBLE FOR CLOSURE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0000119* - *MARK DETTERMAN*
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-1806* - *Regional Water Board*

Activities Report | Documents / Data | Environmental Conditions | Admin | Funding | Case Reviews

THIS PROJECT WAS LAST MODIFIED BY *MARK DETTERMAN* ON 6/1/2017 2:15:42 PM - HISTORY

CSM REPORT - VIEW PUBLIC NOTICING VERSION OF THIS REPORT

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	FIVE YEAR REVIEW INFORMATION: REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE

PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - MAP THIS SITE

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
FIRESTONE #3655 (Global ID: T0600101674) 969 SAN PABLO AVENUE ALBANY, CA 94706	Open - Eligible for Closure	1/13/2017	5/16/1990	27	ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0000119* ***CASEWORKER:*** *MARK DETTERMAN* - ***SUPERVISOR:*** *DILAN ROE* SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-1806* ***CASEWORKER:*** *Regional Water Board* - ***SUPERVISOR:*** *NONE SPECIFIED*

STAFF NOTES (INTERNAL)
Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

SITE HISTORY
Case closure is granted for the current commercial land use.

Due to residual subsurface contamination remaining at the site, if any redevelopment occurs, or if a change in land use to residential, or other conservative land use, Alameda County Department of Environmental Health (ACDEH) must be notified as required by Government Code Section 65850.2.

Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

This site is to be entered into the City of Albany Permit Tracking System due to the residual contamination on site.

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The subject site consists of two commercial buildings occupied by Kelly Moore Paint store and Cosmo Prof in a commercial district at the intersection of San Pablo Avenue and Buchanan Street, in Albany California. The area to the north, west, and south is commercial, while land to the east is residential. The offices of the City of Albany are across the street to the southwest of the site.

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Historic Land-use / Site Investigation

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Due to residual contamination at the site, the site is closed as a commercial site with site management requirements. If there is a proposed change in land use to any residential, or conservative land use, or if any redevelopment occurs, ACDEH must be notified as required by Government Code Section 65850.2.2. ACDEH will re-evaluate the site relative to the proposed redevelopment. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

Refer to Attachments 1 through 5 for analysis details.

Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
HARRY EBERLIN	NA	9581 LA JOLLA FARMS	LA JOLLA	
ROBERT STETSON	Kelly Moore Painting Co, Inc.	987 COMMERCIAL STREET	SAN CARLOS	
VERN WILIRCH	FIRESTONE TIRE & RUBBER CO	UNK	UNK	

CLEANUP ACTION INFO

ACTION TYPE	BEGIN DATE	END DATE	PHASE	CONTAMINANT MASS REMOVED	DESCRIPTION
EXCAVATION	5/1/1990	10/22/1990	Soil		SOIL EXCAVATED FOLLOWING UST REMOVAL

RISK INFORMATION VIEW LTCP CHECKLIST VIEW PATH TO CLOSURE PLAN VIEW CASE REVIEWS

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Benzene, Ethylbenzene, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating	Commercial	GW - Municipal and Domestic Supply	Other	5/16/1990	Close and Remove Tank	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	YES	EBMUD	5/9/2017	5/9/2017	7/29/2015	10/1/2019	9/15/2016

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN
065 266104303

GW BASIN NAME
Santa Clara Valley - East Bay Plain (2-9.04)

WATERSHED NAME
Bay Bridges - Berkeley (203.30)

COUNTY
Alameda

PUBLIC WATER SYSTEM(S)
- EAST BAY MUD - 375 ELEVENTH STREET, OAKLAND, CA 94607

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
MW-2	2/20/2015		ND	ND	ND	OTHER	ND	
MW-3	2/20/2015		ND	ND	ND	OTHER	ND	
MW-4	2/20/2015		ND	ND	ND	OTHER	ND	
MW-5	2/20/2015		ND	ND	ND	OTHER	ND	
MW-6	2/20/2015		ND	ND	ND	OTHER	ND	
QCEB	2/20/2015		ND	ND	ND	OTHER	ND	
QCTB	2/20/2015		ND	ND	ND	OTHER	ND	

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE

VIEW ESI SUBMITTALS

NO SOIL DATA HAS BEEN SUBMITTED TO GEOTRACKER ESI FOR THIS SITE

MOST RECENT GEO_WELL DATA - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-2	2/20/2015	7.86	N	
MW-3	2/20/2015	7.47	N	
MW-4	2/20/2015	8.11	N	
MW-5	2/20/2015	8.51	N	
MW-6	2/20/2015	7.9	N	

ATTACHMENT 2

GeoTracker | Regulator Tools | Reports | Other Tools | GAMA | Contact | Logout | Quick Search

LTCP Checklist Go

FIRESTONE #3655 (T0600101674) - MAP THIS SITE — OPEN - VERIFICATION MONITORING

969 SAN PABLO AVENUE
ALBANY , CA 94706
ALAMEDA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT
PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0000119
CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-1806
CASEWORKER: Regional Water Board - SUPERVISOR: NONE SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY MARK DETTERMAN ON 9/30/2016 3:52:29 PM - HISTORY

THIS SITE HAS SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 9/30/2016 — CHECKLIST INITIATED ON 7/29/2013 — CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS — NO

a. Is the unauthorized release located within the service area of a public water system?
Name of Water System : EBMUD — ◉ YES ○ NO

b. The unauthorized release consists only of petroleum (info).
Contaminants : ☐ Chlorobenzene ☑ PCE ☑ TCE ☐ Chloroform ☑ Vinyl Chloride ☐ Bromoform ☐ Other: — ○ YES ◉ NO

c. The unauthorized ("primary") release from the UST system has been stopped. — ◉ YES ○ NO

d. Free product has been removed to the maximum extent practicable (info). — ◉ FP Not Encountered ○ YES ○ NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). — ◉ YES ○ NO

f. Secondary source has been removed to the extent practicable (info). — ◉ YES ○ NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. — ○ Not Required ◉ YES ○ NO

h. Does a nuisance exist, as defined by Water Code section 13050 — ○ YES ◉ NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - CLEAR SECTION ANSWERS — YES

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — ○ YES ◉ NO

Does the site meet any of the Groundwater specific criteria scenarios? — ◉ YES ○ NO

1.1 - The contaminant plume that exceeds water quality objectives is <100 feet in length. There is no free product. The nearest existing water supply well or surface water body is >250 feet from the defined plume boundary. — ◉ YES ○ NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - CLEAR SECTION ANSWERS — YES

EXEMPTION - Active Commercial Petroleum Fueling Facility — ○ YES ◉ NO

Does the site meet any of the Petroleum Vapor Intrusion to Indoor Air specific criteria scenarios? — ◉ YES ○ NO

2c - Petroleum Vapor Intrusion to Indoor Air - As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health. . — ◉ YES ○ NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - CLEAR SECTION ANSWERS — YES

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination — ○ YES ◉ NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios? — ◉ YES ○ NO

3(c) - As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health. — ◉ YES ○ NO

Additional Information

Should this case be closed in spite of NOT meeting policy criteria? — ◉ YES ○ NO

Explain:
Onsite concentrations of chlorinated VOCs (CVOCs) appear to be mass and diffusion limited, and stable. Based on existing data, there does not appear to be a risk of vapor intrusion from the CVOCs to the onsite building. Subsurface intrusion at the site can be managed with a Health and Safety Plan at the time of the subsurface inclusion.

Has this LTCP Checklist been updated for FY 16/17? — ◉ YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

ATTACHMENT 3

Attachment 3 – Groundwater Evaluation and Data

LTCP GROUNDWATER SPECIFIC CRITERIA - PETROLEUM						
Closure Scenario						
__ Site has not affected groundwater; _X_ **Scenario 1**; __ Scenario 2; __ Scenario 3; __ Scenario 4; __ Scenario 5; __ This case should be closed in spite of not meeting the groundwater specific media criteria						
Evaluation Criteria: Shading indicates criteria met						
Site Specific Data		**Scenario 1**	**Scenario 2**	**Scenario 3**	**Scenario 4**	**Scenario 5**
Plume Length	< 100 feet	<100 feet	<250 feet	<1,000 feet	<1,000 feet	The site does not meet scenarios 1 through 4; however, a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product	
Plume Stable or Decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 years	Stable or decreasing	
Distance to Nearest Water Supply Well (from plume boundary)	> 2,000 feet	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet	
Distance to Nearest Surface Water Body (from plume boundry)	Downgradient: 725 feet Cross Gradient: 3,325 feet Upgradient: 3,060 feet	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet	
Benzene Concentrations (µg/l)	Historic Max: <2.0 Current Max: <0.5	No criteria	<3,000	<1,000	<1,000	
MTBE Concentrations (µg/l)	Historic Max: <0.5 Current Max: <0.5	No criteria	<1,000	<1,000	<1,000	
Property Owner Willing to Accept a Land Use Restriction	Not applicable	Not applicable	Not applicable	Yes	Not applicable	

Attachment 3 – Groundwater Evaluation and Data

Analysis	
Plume Length	Defined to water quality objectives.
Free Product	Not observed at site.
Plume Stability	Plume is stable.
Water Supply Wells	An Alameda County Public Works Agency and the Department of Water Resources well survey indicate no public water supply wells, irrigation wells within 1,320 feet of the site. The well survey results from the GeoTracker Groundwater Ambient Monitoring Assessment (GAMA) website indicates there are no public water supply wells, irrigation wells, California Department of Public Health wells, Department of Pesticide Regulation wells located within a 2,000 foot radius of the site.
Surface Water Bodies	Village Creek is downgradient to the south at an approximate distance of 750 feet. San Francisco Bay is approximately 3,325 feet crossgradient to the west. Middle Creek is 3,060 feet upgradient.

Attachment 3 – Groundwater Evaluation and Data

GROUNDWATER EVALUATION – NON-PETROLEUM			
Closure Guidance			
San Francisco Bay Regional Water Board's *Assessment Tool for Closure of Low-Threat Chlorinated Solvents*			
Closure Scenario			
A determination been made that under current scenarios, the chlorinated solvent contaminant plume from the former waste oil UST poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.			
Groundwater Concentrations for Primary Constituents of Concern			
Tetrachloroethene (µg/l)	Historic Max: 21 Current Max: 21	Drinking Water ESL: 5.0 Non Drinking Water ESL: 63	Source – Former Waste Oil UST
Trichloroethene (µg/l)	Historic Max: 44 Current Max: 6.8	Drinking Water ESL: 5.0 Non Drinking Water ESL: 130	Source – Former Waste Oil UST
1,1-Dichloroethane (µg/l)	Historic Max: 84 Current Max: 35	Drinking Water ESL: 5.0 Non Drinking Water ESL: 25	Source – Former Waste Oil UST
Vinyl Chloride (µg/l)	Historic Max: 3.1 Current Max: < 0.5	Drinking Water ESL: 0.5 Non Drinking Water ESL: 1.8	Source – Former Waste Oil UST
Evaluation Criteria			
Criteria		**Site Specific Data**	
Plume Length		Estimated at 110 and 650 feet in length.	
Estimated Age of Plume		> 25 years; based on the age of the tank removal.	
Non-Aqueous Phase Liquid (NAPL)		No NAPL	
Plume Stability		Stable or decreasing	
Distance to Nearest Water Supply Well (from plume boundary)		Downgradient: > 2,000 feet Cross Gradient: > 2,000 feet Upgradient: > 2,0000 feet	
Distance to Nearest Surface Water Body (from plume boundry)		Downgradient: 725 feet; Village Creek Cross Gradient: 3,325 feet; San Francisco Bay Upgradient: 3,060 feet; Middle Creek	
Groundwater Analysis			
Pollutant Sources are Identified and Evaluated		Former Waste Oil UST	
Site is Adequately Characterized		Site investigations have been conducted between March 1990 and March 2015 and adequately characterize the site.	
Exposure Pathways, Receptors, and Potential Risks, Threats, and Other Environmental Concerns are Identified and Assessed		A sensitive receptor survey dated May 31, 2012, was conducted and did not identify vicinity water supply wells within ¼-mile. Seven sensitive receptors were located within ¼- mile. The closest cross- to down-gradient receptor was identified as the Ocean View Elementary School at a distance of approximately 1,260 feet. All other sensitive receptors were located in the upgradient direction (northeast).	
Pollutant Sources Are Remediated to The Extent Possible		Overexcavated in 1991. A mass- and diffusion-limited chlorinated solvent plume remains near the former waste oil UST and is likely due to a limited residual source of chlorinates solvent mass that was adsorbed to low permeability clay soil in the vicinity of the former UST. The adsorbed mass is likely diffusing slowly into groundwater and is sustaining the solvent concentrations in groundwater.	

Attachment 3 – Groundwater Evaluation and Data

Groundwater Analysis (cont.)	
Unacceptable Risk to Human Health, Ecologic Health, and Sensitive Receptors, Considering Current Land Uses and Water Uses are Mitigated	The Alameda County Public Works Agency (ACPWA) data for water wells found no wells within a 1,320 foot radius; however, a 50 foot deep cathodic protection well is located cross gradient from the site at the former Exxon service station at 990 San Pablo Avenue (Local Oversight Case Number RO0002974 and Global Id. No. T0619716673). Based on the total depth of the well, it's location in a crossgradient direction from the subject site, distinctive differences in the "Whisker Diagrams" for chlorinated solvent contaminants at that site and the subject site, and a combined storm drain / sanitary sewer line installed beneath San Pablo Avenue at a depth of 15 feet below grade surface (bgs; first water is encountered as deep as 12 feet bgs), it is not considered to be a sensitive receptor for residual contamination originating at the subject site.
Unacceptable Threats to Groundwater and Surface Water Resources, Considering Existing Beneficial Uses Are Mitigated	Due to the presence of an unlined stream channel (Village or Marin Creek) at a distance of approximately 725 feet downgradient, freshwater aquatic habitat goals were also considered in this closure. Onsite chlorinated solvent concentrations are substantially below Freshwater Aquatic Habitat Goals as identified in Table GW-2 *Aquatic Habitat Goals* contained in the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) tables (February 2016). The tables were issued in conjunction with the document entitled *User's Guide: Derivation and Application of Environmental Screening Levels*, last revised in February 2016. Additionally the depth of the creek does not appear to intersect with groundwater. Using a procedure as detailed in Newell et. al, (2002), the estimated plume length before reaching maximum contaminant levels (MCL) was calculated as approximately 110 – 650 feet, based on the migration of 1,1-Dichloroethane, the most conservative site contaminant. Based on this estimate, MCLs will be reached before the plume could impact Village Creek.
Groundwater Plume is Decreasing	The length of the chlorinated solvent groundwater plume was not confined to the site. Onsite groundwater concentrations are consistently below Table GW-3 *Groundwater Vapor Intrusion Human Health Risk Screening Levels (Volatile Chemicals Only)* for Commercial / Industrial Land Use using the shallow groundwater sand scenario of the RWQCB ESL tables. Land use downgradient of the subject site is commercial or open space for a distance of approximately 1,000 feet and no sensitive receptors appear to be present. Historic groundwater concentrations in onsite wells indicate decreasing trends.
Cleanup Standards Can be Met in a Reasonable Timeframe	The chlorinated compound plume appears to be stable or decreasing.
Risk Management Measures are Appropriate, are Documented, and do not Require Further ACDEH Oversight	Yes; see Site Management Requirements above.

Figure 1. Site Vicinity, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\Site Location.ai

3/26/15

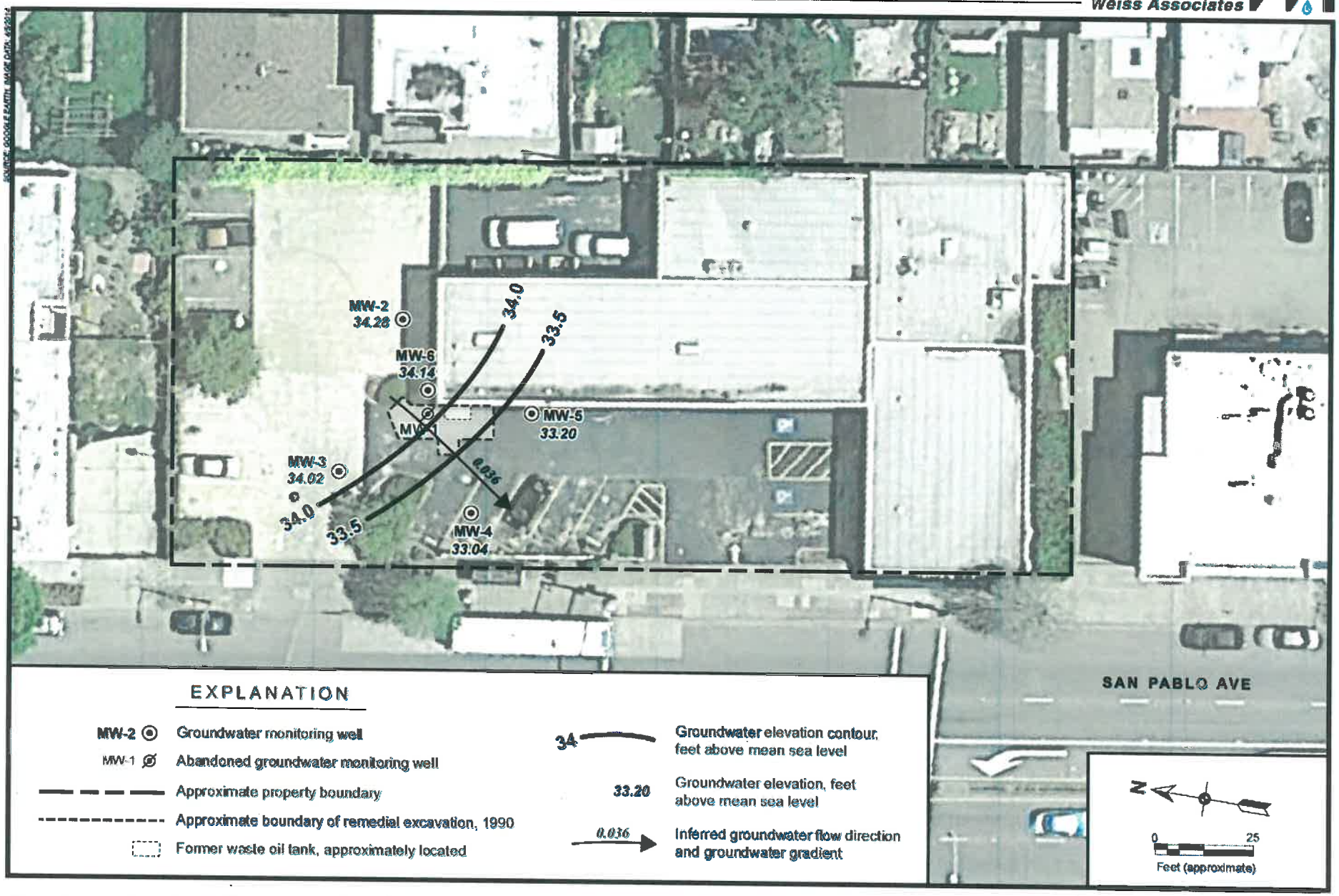


Figure 3. Groundwater Elevations and Flow Direction, February 20, 2015, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\Groundwater Elevations.ai

3/10/15

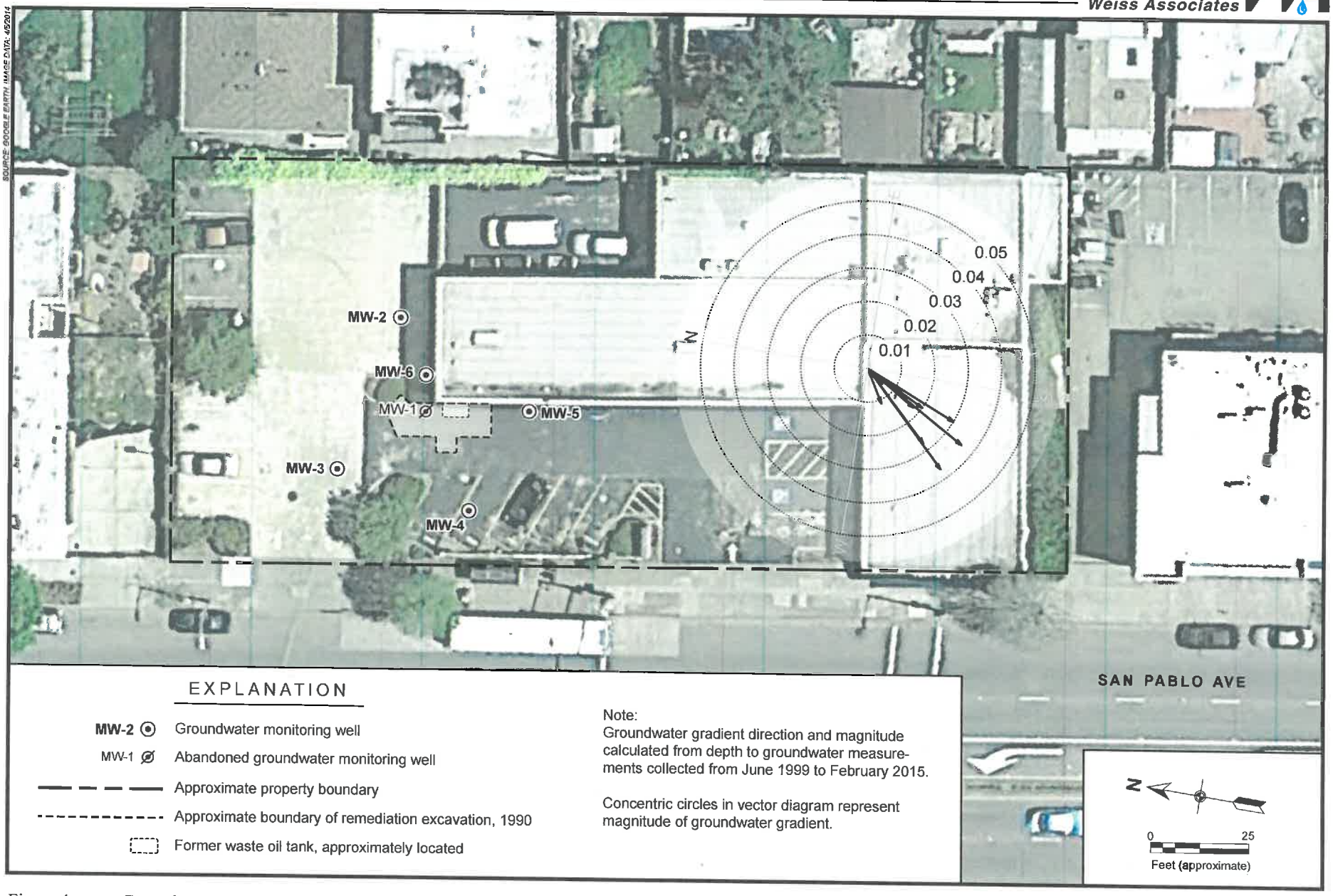


Figure 4. Groundwater Gradient Vector Diagram, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\Vector Diagram.ai

5/13/15

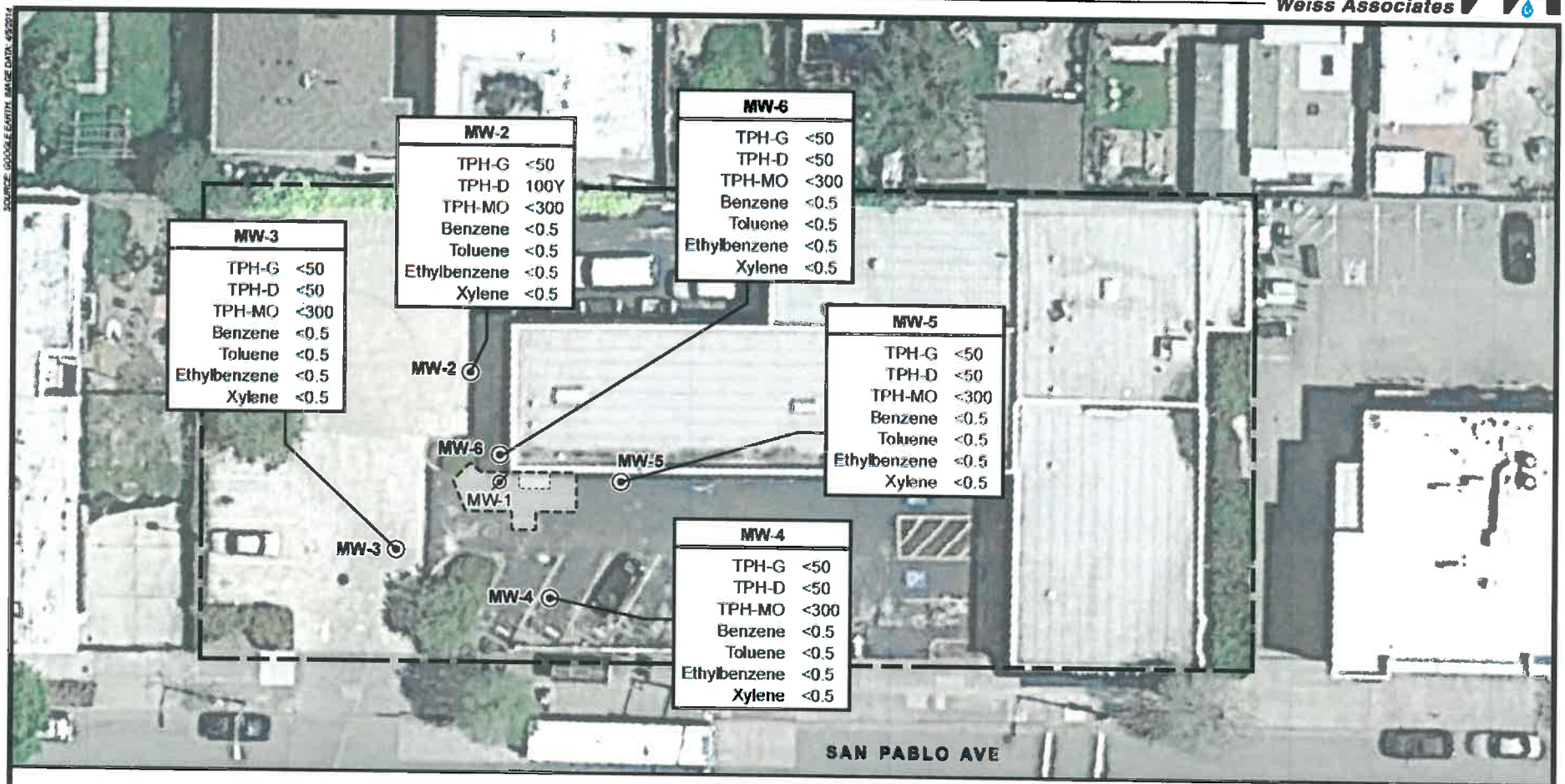
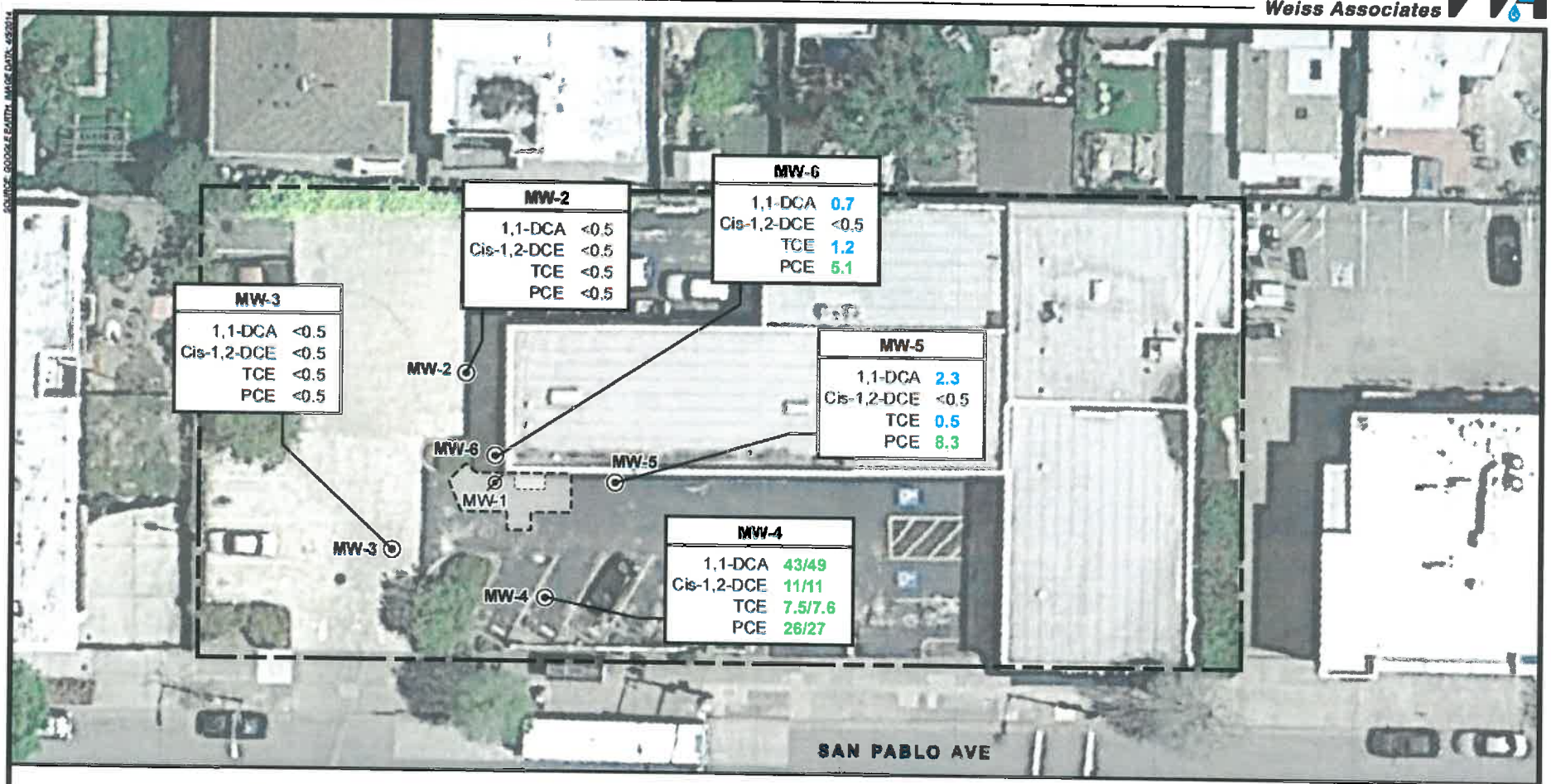


Figure 5. Petroleum Hydrocarbon Results for Groundwater, February 20, 2015, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\TPH Concentrations.ai

3/20/15



EXPLANATION

- MW-2 ⊙ Groundwater monitoring well
- MW-1 ⌀ Abandoned groundwater monitoring well
- Approximate property boundary
- Approximate boundary of remedial excavation, 1990
- Former waste oil tank, approximately located

- 2.3 Concentration, micrograms per liter (µg/L)
- <0.5 Not detected above the reporting limit
- <0.1/<0.1 Duplicate sample
- 2.3 Detection below ESL
- 49 Detection exceeds ESL

Abbreviations:
ESL - Environmental screening level for groundwater; groundwater is a current or potential drinking water resource; December 2013; Table F-1a

N

0 25
Feet (approximate)

Figure 4. Volatile Organic Compound Results for Groundwater, February 20, 2015, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\VOC Concentrations.ai

3/20/15

Figure 6. Modified Stiff Diagrams Depicting VOC Concentrations in Groundwater, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

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5/13/15

TABLE 2-1

Groundwater Levels

Well No.	Ref. Elev. (feet)	Depth to Water (feet)		Water Surface Elevation (feet)	
		*Sept. 25	**Sept. 28	*Sept. 25	**Sept. 28
MW-1	97.71	9.33	9.42	88.38	88.29
MW-2	98.27	10.13	10.14	88.14	88.13
MW-3	97.62	9.96	10.51	87.66	87.11
MW-4	97.27	10.42	10.84	86.85	86.43

Notes: * before development
** after development
Water surface levels are referenced to an arbitrary datum which is the top of a fire hydrant located in front of 940 San Pablo Boulevard. Assumed elevation was 100.00 feet.

TABLE 2

Hydrocarbons and Organic Lead in Groundwater Samples

Well No.	Sample No.*	Extractable Petrol. Hydrocarbons (mg/l)		Volatile Aromatic Hydrocarbons (mg/l)					Volatile Halocarbons (mg/l)					Organic Lead (mg/l)
		Kerosene Range	Diesel Range	Benzene	Toluene	Xylenes (total)	Chloro-benzene	Ethyl-benzenes (total)	1,1-dichloro-ethene	1,1-dichloro-ethane	1,1,1-trichloro-ethane	Trichloro-ethylene	Tetrachloro-ethene	
MW-1	WS-2	ND	ND	0.01	ND	ND	ND	ND	0.012	0.084	0.20	0.0025	0.071	ND
MW-2	WS-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3	WS-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4	WS-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0018	ND	ND
Trip Blank		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: "ND" - Not Detected
* = Samples were consectively numbered in the order collected.
Analyses were performed by Curtis & Tompkins, Berkeley, California.

Reference:

ERM-West, Inc., 1990. Firestone Tire and Rubber Company, Albany, CA, Workplan, August 13.

Table 2. Groundwater Elevations, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

Well ID	Date Well Installed	Date	Top of Casing Elevation (feet amsl)	Depth-to-Water (feet)	Groundwater Elevation (feet amsl)
MW-2	1990	6/16/1999	42.14	8.36	33.78
		9/15/1999	42.14	9.25	32.89
		12/15/1999	42.14	8.36	33.78
		3/16/2000	42.14	5.18	36.96
		9/25/2009	42.14	8.35	33.79
		3/29/2010	42.14	5.49	36.65
		9/28/2010	42.14	9.64	32.50
		9/20/2011	42.14	9.22	32.92
		10/5/2012	42.14	9.74	32.40
		2/20/2015	42.14	7.86	34.28
MW-3	1990	4/21/1998	41.49	7.33	34.16
		3/29/1999	41.49	5.60	35.89
		6/16/1999	41.49	7.95	33.54
		9/15/1999	41.49	8.73	32.76
		12/15/1999	41.49	8.36	33.13
		3/16/2000	41.49	5.05	36.44
		9/25/2009	41.49	8.80	32.69
		3/29/2010	41.49	7.14	34.35
		9/28/2010	41.49	9.30	32.19
		9/20/2011	41.49	8.85	32.64
		10/5/2012	41.49	9.35	32.14
		2/20/2015	41.49	7.47	34.02
MW-4	1990	4/21/1998	41.15	7.52	33.63
		3/29/1999	41.15	7.50	33.65
		6/16/1999	41.15	8.73	32.42
		9/15/1999	41.15	9.18	31.97
		12/15/1999	41.15	8.95	32.20
		3/16/2000	41.15	8.80	32.35
		9/25/2009	41.15	9.30	31.85
		3/29/2010	41.15	7.60	33.55

Table 2. Groundwater Elevations, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

Well ID	Date Well Installed	Date	Top of Casing Elevation (feet amsl)	Depth-to-Water (feet)	Groundwater Elevation (feet amsl)
MW-4 (cont)		9/28/2010	41.15	9.35	31.80
		9/20/2011	41.15	8.87	32.28
		10/5/2012	41.15	9.38	31.77
		2/20/2015	41.15	8.11	33.04
MW-5	1999	3/29/1999	41.71	8.14	33.57
		6/16/1999	41.71	8.91	32.80
		9/15/1999	41.71	9.20	32.51
		12/15/1999	41.71	8.86	32.85
		3/16/2000	41.71	8.30	33.41
		9/25/2009	41.71	9.89	31.82
		3/29/2010	41.71	8.33	33.38
	1999	9/28/2010	41.71	9.79	31.92
		9/20/2011	41.71	9.71	32.00
		10/5/2012	41.71	9.60	32.11
		2/20/2015	41.71	8.51	33.20
MW-6	1999	3/29/1999	42.04	7.74	34.30
		6/16/1999	42.04	9.25	32.79
		9/15/1999	42.04	9.71	32.33
		12/15/1999	42.04	9.00	33.04
		3/16/2000	42.04	7.38	34.66
		9/25/2009	42.04	NM	---
		3/29/2010	42.04	NM	---
		9/28/2010	42.04	NM	---
		9/20/2011	42.04	9.12	32.92
		10/5/2012	42.04	9.70	32.34
		2/20/2015	42.04	7.90	34.14

Notes/Abbreviations:
amsl - above mean sea level
NM - not measured
--- no data

Weiss Associates

Table 3. Analytical Results for Groundwater, February 2015, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

Well	Sample Date	Chloro-form	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	PCE	TCE	Vinyl Chloride	MTBE	TPH-G	TPH-D	TPH-MO	SVOCs
		<----------micrograms per liter (µg/L)---------->												
MW-2	2/20/2015	<0.5	<0.5*	<0.5	<0.5	<0.5	<0.5*	<0.5*	<0.5	<0.5	<50	100Y	<300*	<n[b]
MW-3	2/20/2015	<0.5*	<0.5	<0.5	<0.5	<0.5	<0.5*	<0.5	<0.5	<0.5	<50	<50**	<300	<n[b]
MW-4	2/20/2015	<0.5*	**43**	1.4	<0.5*	**11**	**26**	**7.5**	<0.5	<0.5	<50Z	<50**	<300	<n[b]
MW-4 Duplicate	2/20/2015	<0.5*	**49**	1.6	<0.5*	**11**	**27**	**7.6**	<0.5	<0.5	<50Z	<50**	<300	<n[b]
MW-5	2/20/2015	<0.5*	2.3	<0.5	<0.5	<0.5	**8.3**	0.5	<0.5	<0.5	<50	<50**	<300	<n[b]
MW-6	2/20/2015	<0.5*	0.7	<0.5	<0.5	<0.5*	**5.1**	1.2	<0.5	<0.5	<50	<50**	<300	<n[b]
ESL[a]		80	5	6	10	6	5	5	0.5	1,800	100	100	100	

Notes:

Analytical Laboratory: Curtis & Tompkins, Ltd.

Analytical Methods Used:

VOCs & TPH-G by USEPA Method 8260B

TPH-D & TPH MO by USEPA Method 8015M

SVOCs by USEPA Method 8270C

See Appendix A for historical groundwater analytical data

Bold values signify a result exceeds the ESL established for this constituent

[a] ESL for groundwater; groundwater is a current or potential drinking water resource, December 2013, Table F-1a.

[b] No SVOCs were detected above reporting limits ranging from 10 to 20 µg/L.

*Trace concentration detected below the reporting limit.

**Trace concentration detected below the detection limit flagged due to rinseate blank contamination.

Acronyms/Abbreviations:

1,1-DCA - 1,1-dichloroethane

1,1-DCE - 1,1-dichloroethene

cis-1,2-DCE - cis-1,2-dichloroethene

trans-1,2-DCE - trans-1,2-dichloroethene

ESL - Environmental Screening Level

MTBE - methyl tert-butyl ether

MW - monitoring well

PCE - tetrachloroethene

SVOCs - semi-volatile organic compounds

TCE - trichloroethene

TPH-D - total petroleum hydrocarbon as diesel

TPH-G - total petroleum hydrocarbon as gasoline

TPH-MO - total petroleum hydrocarbon as motor oil

USEPA - United States Environmental Protection Agency

VOC - volatile organic compound

Y - chromatographic pattern did not resemble standard; qualified as estimated

Z - A detection below the reporting limit was due to discrete peaks on the chromatogram

<n - not detected above the reporting limit

Table 1 - Groundwater Elevation Measurement and Analytical Results
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, CA
ProTech Project #383-12

WELL #	DATE	TOC	DTW	GW-ELEV	Δ-Elev	Chlfrm	1,1-DCA	1,1-DCE	c1,2-DCE	PCE	TCE	VC	GRO	DRO	MORO	TEPH-ho
MW-2	06/16/99	42.14	8.36	33.78		ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/15/99	42.14	9.25	32.89	0.89	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	12/15/99	42.14	8.36	33.78	-0.89	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	03/16/00	42.14	5.18	36.96	-3.18	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/25/09	42.14	8.35	33.79	3.17	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	03/29/10	42.14	5.49	36.65	2.86	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/28/10	42.14	9.64	32.5	-4.15	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/20/11	42.14	9.22	32.92	0.42	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/05/12	42.14	9.74	32.4	-0.52	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
MW-3	04/21/98	41.49	7.33	34.16		ND	ND	ND	ND	ND	ND	ND	NA	51	110	ND
	03/29/99	41.49	5.6	35.89	-1.73	ND	1.2	ND	ND	1.7	1.6	ND	ND	ND	NA	NA
	06/16/99	41.49	7.95	33.54	2.35	ND	1.3	ND	ND	1.7	2.3	ND	ND	ND	NA	NA
	09/15/99	41.49	8.73	32.76	0.78	ND	1.4	ND	ND	1.6	1.9	ND	NA	NA	NA	NA
	12/15/99	41.49	8.36	33.13	-0.37	ND	0.97	ND	ND	1	0.98	ND	NA	NA	NA	NA
	03/16/00	41.49	5.05	36.44	-3.31	ND	1.2	ND	ND	1.6	2	ND	NA	NA	NA	NA
	09/25/09	41.49	8.8	32.69	3.75	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	03/29/10	41.49	7.14	34.35	1.66	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/28/10	41.49	9.3	32.19	-2.16	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/20/11	41.49	8.85	32.64	0.45	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/05/12	41.49	9.35	32.14	-0.5		ND	ND	ND	ND	ND	ND	NA	110	320	ND
MW-4	04/21/98	41.15	7.52	33.63		ND	34	ND	5.3	3.6	ND	ND	ND	ND	NA	NA
	03/29/99	41.15	7.5	33.65	-0.02	ND	84	1.5	25	18	6.5	3.1	ND	ND	NA	NA
	06/16/99	41.15	8.73	32.42	1.23	ND	76	1.3	23	20	6.4	2.4	NA	NA	NA	NA
	09/15/99	41.15	9.18	31.97	0.45	ND	61	0.74	18	16	4.4	0.91	NA	NA	NA	NA
	12/15/99	41.15	8.95	32.2	-0.23	ND	37	ND	11	5.7	2.5	ND	NA	NA	NA	NA
	03/16/00	41.15	8.8	32.35	-0.15	ND	58	0.84	18	10	44	1.2	NA	NA	NA	NA
	09/25/09	41.15	9.3	31.85	0.5	ND	33	ND	12	15	6.7	ND	NA	NA	NA	NA
	03/29/10	41.15	7.6	33.55	1.7	ND	25	ND	9.2	21	6.7	ND	NA	NA	NA	NA
	09/28/10	41.15	9.35	31.8	-1.75	ND	25	ND	8	20	6.6	ND	NA	NA	NA	NA
	09/20/11	41.15	8.87	32.28	0.48	ND	27	ND	8.8	21	6.9	ND	NA	NA	NA	NA
	10/05/12	41.15	9.38	31.77	-0.51	ND	35	0.7	9.5	21	6.8	ND	NA	ND	ND	ND
MW-5	03/29/99	41.71	8.14	33.57		0.97	5.3	ND	ND	1.6	1.6	ND	ND	ND	NA	NA
	06/16/99	41.71	8.91	32.8	0.77	0.63	4.8	ND	ND	1.5	1.8	ND	NA	NA	NA	NA
	09/15/99	41.71	9.2	32.51	0.29	ND	6.4	ND	ND	1.8	1.8	ND	NA	NA	NA	NA
	12/15/99	41.71	8.86	32.85	-0.34	ND	6.7	ND	ND	1.5	1.4	ND	NA	NA	NA	NA
	03/16/00	41.71	8.3	33.41	-0.56	0.61	5.3	ND	ND	1.3	1.1	ND	NA	NA	NA	NA
	09/25/09	41.71	9.89	31.82	1.59	ND	4.8	ND	0.76	2.7	0.88	ND	NA	NA	NA	NA
	03/29/10	41.71	8.33	33.38	1.56	ND	1.3	ND	ND	1.5	ND	ND	NA	NA	NA	NA
	09/28/10	41.71	9.79	31.92	-1.46	ND	2.1	ND	ND	ND	ND	ND	NA	NA	NA	NA
	09/20/11	41.71	9.71	32	0.08	ND	1.4	ND	ND	2.2	ND	ND	NA	NA	NA	NA
	10/05/12	41.71	9.6	32.11	0.11	ND	1.8	ND	ND	3.5	ND	ND	NA	70	ND	ND
MW-6	03/29/99	42.04	7.74	34.3		0.78	1.4	ND	ND	6.8	0.8	ND	ND	ND	NA	NA
	06/16/99	42.04	9.25	32.79	1.51	ND	1.4	ND	ND	5.3	0.8	ND	NA	NA	NA	NA
	09/15/99	42.04	9.71	32.33	0.46	ND	1.8	ND	ND	6.2	0.87	ND	NA	NA	NA	NA
	12/15/99	42.04	9	33.04	-0.71	ND	1.2	ND	ND	4.8	0.56	ND	NA	NA	NA	NA
	03/16/00	42.04	7.38	34.66	-1.62	ND	1.3	ND	ND	5.6	0.74	ND	NA	NA	NA	NA
	09/25/09	42.04	NM			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/10	42.04	NM			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/28/10	42.04	NM			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/20/11	42.04	9.12	32.92		ND	0.88	ND	ND	3.1	0.89	ND	NA	NA	NA	NA
	10/05/12	42.04	9.7	32.34	-0.58	ND	1	ND	ND	3.7	1	ND	NA	ND	ND	ND

Table 1 - Groundwater Elevation Measurement and Analytical Results
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, CA
ProTech Project #383-12

WELL #	DATE	TOC	DTW	GW-ELEV	Δ-Elev	Chlfm	1,1-DCA	1,1-DCE	c1,2-DCE	PCE	TCE	VC	GRO	DRO	MORO	TEPH-ho

Notes:

TOC = top of casing elevation (ft above mean sea level - [ft-amsl])
DTW = depth to water (ft below TOC)
GW-ELEV = groundwater elevation (ft-amsl)
D-Elev = change in elevation (ft) from one GWM to the next
All results reported in parts-per-billion (ppb)
MCL = maximum contaminant level (EPA and California cited)
Chlfrm = Chloroform (RL-0.5 ppb) (MCL-80 ppb)
1,1-DCA = 1,1-dichloroethane (RL-0.5 ppb) (MCL-5 ppb [California])
1,1-DCE = 1,1-dichloroethene (RL-0.5 ppb) (MCL-7 ppb [EPA] 6 ppb [California])
c1,2-DCE = cis 1,2-dichloroethene (RL-0.5 ppb) (MCL-70 ppb [EPA] 6 ppb [California])
PCE = tetrachloroethene (RL-0.5 ppb) (MCL-5 ppb [EPA & California])
TCE = trichloroethene (RL-0.5 ppb) (MCL-5 ppb [EPA & California)
VC = vinyl chloride (RL-0.5 ppb) (MCL-2 ppb [EPA] 0.5 ppb [California])
NA = not analyzed for
NM = not measured
ND = not detected above method detection limit
Bold =greater than California MCL

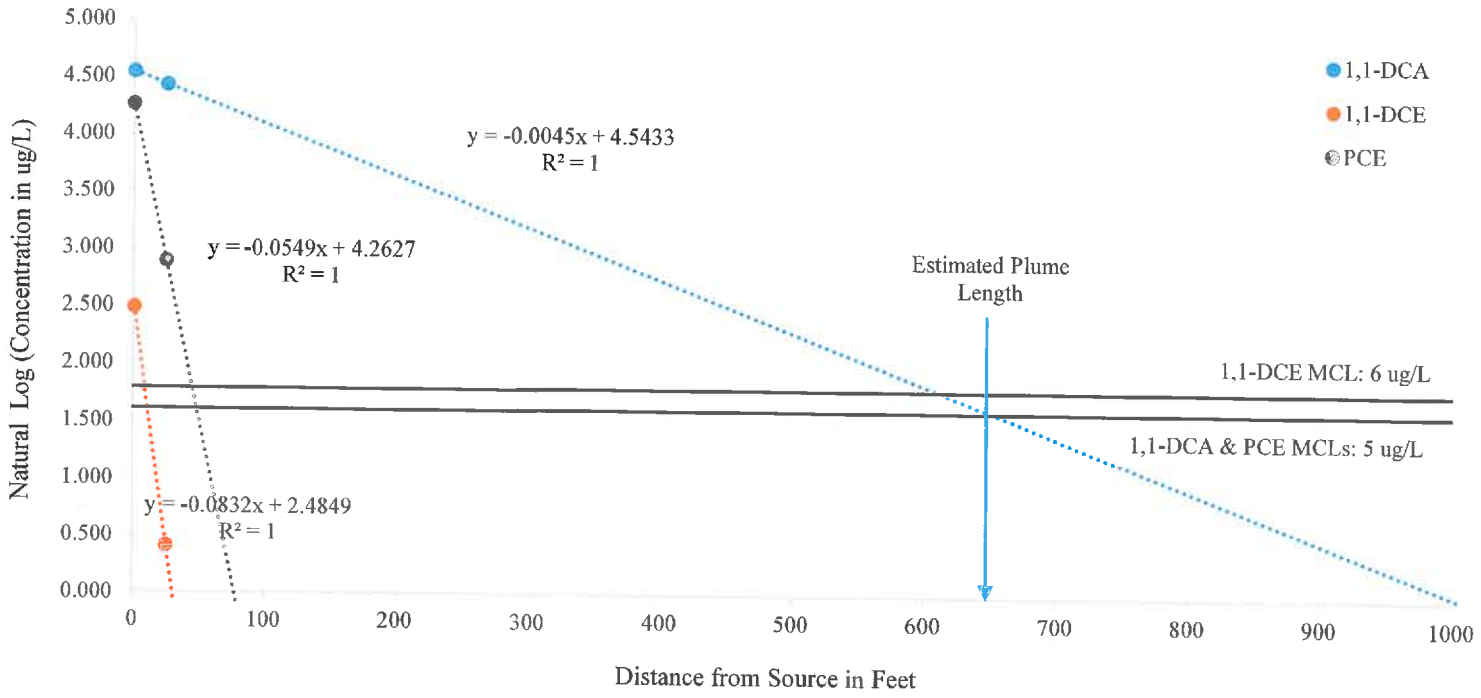
GRO= gasoline Range Orgainics
DRO = Diesel Range Orgainics
MORO = Motor Oil Range Organics
TEPH-ho = Hydraulic Oil

Table 1. Plume Length Calculation Based on 1990 to 1999 Data - Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

Well	Date	Distance from Source feet	1,1-DCA µg/L	1,1-DCA ln	1,1-DCE µg/L	1,1-DCE ln	TCE µg/L	TCE ln	PCE µg/L	PCE ln
MW-1	1990	0	94	4.543	12	2.485	2.5	0.916	71	4.263
MW-4	3/29/1999	25	84	4.431	1.5	0.405	6.5	1.872	18	2.890

Abbreviations:
DCA – dichloroethane
DCE – dichloroethene
ln – log
PCE – tetrachloroethene
TCE – trichloroethene
µg/L – micrograms per liter

Natural log (ln) of Concentration vs Distance Plot*



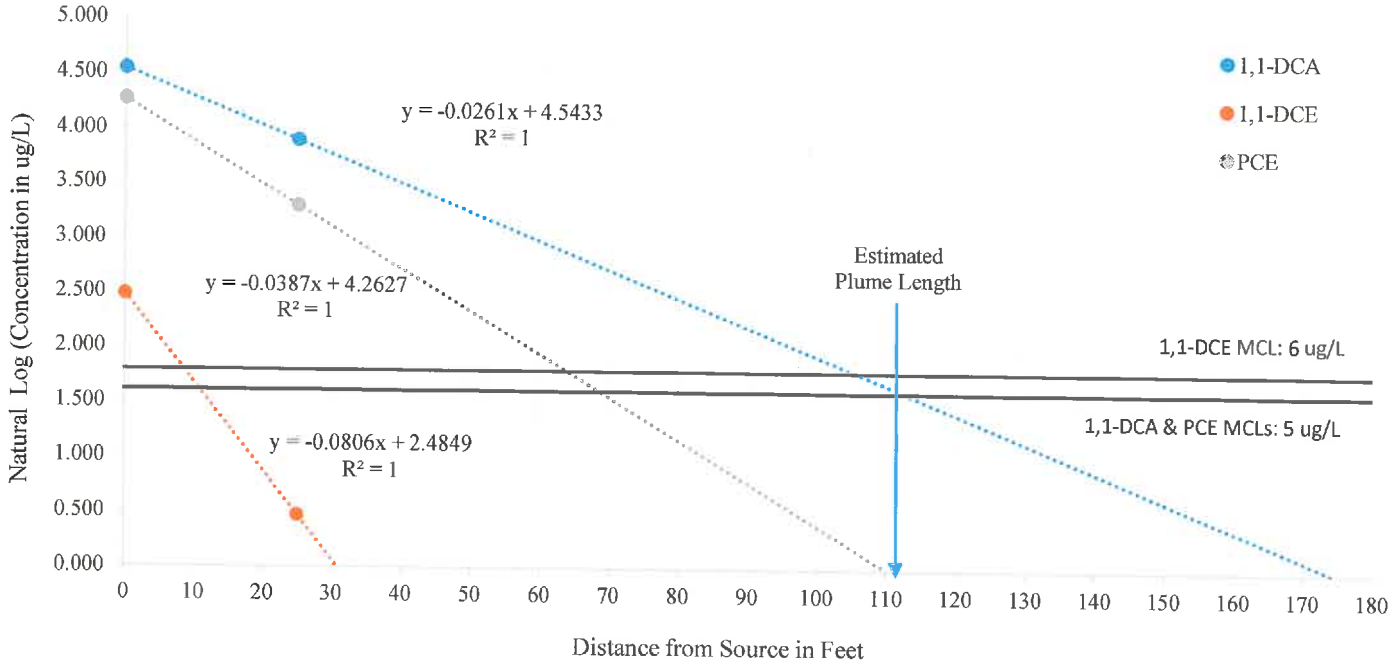
* Plume length calculation based on United States Environmental Protection Agency's Ground Water Issue paper EPA/540/S-02/500, *"Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation Studies"*, Charles J. Newell, Hanadi S. Rifai, John T. Wilson, John A. Connor, Julia A. Aziz, and Monica P. Suarez, November 2002.

Table 2. Plume Length Calculation Based on 1990 to 2015 Data - Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

Well	Date	Distance from Source	1,1-DCA ug/L	1,1-DCA ln	1,1-DCE ug/L	1,1-DCE ln	TCE ug/L	TCE ln	PCE ug/L	PCE ln
MW-1	1990	0	94	4.543	12	2.485	2.5	0.916	71	4.263
MW-4	2/20/2015	25	49	3.892	1.6	0.470	7.6	2.028	27	3.296

Abbreviations:
DCA – dichloroethane
DCE – dichloroethene
ln – log
PCE – tetrachloroethene
TCE – trichloroethene
µg/L – micrograms per liter

Natural log (ln) of Concentration vs Distance Plot*



* Plume length calculation based on United States Environmental Protection Agency's Ground Water Issue paper EPA/540/S-02/500, *"Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation Studies* ", Charles J. Newell, Hanadi S. Rifai, John T. Wilson, John A. Connor, Julia A. Aziz, and Monica P. Suarez, November 2002.

ATTACHMENT 4

Attachment 4 – Vapor Intrusion Evaluation and Data

LTCP VAPOR SPECIFIC CRITERIA - PETROLEUM

Closure Scenario

Exemption: __ Active fueling station exempt from vapor specific criteria; Active as of date: _____

__ Scenario 1; __ Scenario 2; _X_ **Scenario 3a**; __ Scenario 3b; __ Scenario 4a without bioattenuation zone; __ Scenario 4b with bioattenuation zone; __ Site specific risk assessment demonstrates human health is protected; __ Exposure controlled through use of mitigation measures or institutional controls; __ Case closed in spite of not meeting the vapor specific media criteria

Evaluation Criteria: Shading indicates criteria met.

Site Specific Data		Scenario 1	Scenario 2	Scenario 3A	Scenario 3B	Scenario 3C	Scenario 4a	Scenario4b
Unweathered LNAPL	No LNAPL	LNAPL in gw	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	≥ 5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	No criteria	≥ 5 feet
Depth to Shallowest Groundwater	5.05 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥ 5 feet	≥ 5 feet	≥ 5 feet
Total TPHg & TPHd in Soil in Bioattenuation Zone	3.8 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	No criteria	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	< 0.5 µg/L	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	No criteria	No criteria
Oxygen Data in Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4%	No criteria	≥4% at bottom of zone
Soil Vapor Depth Beneath Foundation	~ 3.5 feet	No criteria	No criteria	No criteria	No criteria	No criteria	5 feet	5 feet
Benzene Concentrations ($\mu g/m^3$)	Historic Max: < 89 Current Max: < 89	No criteria	No criteria	No criteria	No criteria	No criteria	Res: < 85; Com: < 280	Res: < 85K; Com: < 280K
Ethylbenzene Concentrations ($\mu g/m^3$)	Historic Max: <120 Current Max: <120	No criteria	No criteria	No criteria	No criteria	No criteria	Res: < 1,100; Com: < 3,600	Res: < 1,100K ; Com: < 3,600K
Naphthalene Concentrations ($\mu g/m^3$)	Historic Max: Not Analyzed Current Max: Not Analyzed	No criteria	No criteria	No criteria	No criteria	No criteria	Res: < 93; Com: < 310	Res: < 93K; Com: < 310K

Attachment 4 – Vapor Intrusion Evaluation and Data

LTCP VAPOR SPECIFIC CRITERIA – PETROLEUM (cont.)	
Vapor Intrusion to Indoor Air Analysis	
Onsite	The site meets Scenario 3A of the Low Threat Closure Policy.
Offsite	The petroleum hydrocarbon plume does not extend offsite.

Attachment 4 – Vapor Intrusion Evaluation and Data

VAPOR EVALUATION – NON-PETROLEUM			
Closure Guidance			
San Francisco Bay Regional Water Quality Control Board's *Environmental Screening Level* Tables, in conjunction with *User's Guide: Derivation and Application of Environmental Screening Levels*, and, revised in February 2016.			
Closure Scenario			
A determination been made that under current commercial land use scenario, the potential for vapor intrusion poses a low threat to human health and safety and to the environment.			
On-Site Vapor Concentrations for Primary Constituents of Concern			
Tetrachloroethene (PCE) ($\mu g/m^3$)	Soil Vapor: < 190 to 53 Sub-Slab: < 11 to 28	Residential ESL: 240 Commercial ESL: 2,400	Source – Former Waste Oil UST
Trichloroethene (TCE) ($\mu g/m^3$)	Soil Vapor: < 150 Sub-Slab: < 23	Residential ESL: 240 Commercial ESL: 3,000	Source – Former Waste Oil UST
1,1-Dichloroethane (1,1-DCA) ($\mu g/m^3$)	Soil Vapor: < 110 Sub-Slab: < 18	Residential ESL: 760 Commercial ESL: 7,700	Source – Former Waste Oil UST
Vinyl Chloride (VC) ($\mu g/m^3$)	Soil Vapor: < 71 Sub-Slab: < 11	Residential ESL: 4.7 Commercial ESL: 160	Source – Former Waste Oil UST
Vapor Intrusion to Indoor Air Analysis			
Pollutant Sources are Identified and Evaluated	Former Waste Oil UST		
Site is Adequately Characterized	On-Site: Investigations were conducted between March 1990 and March 2015 and adequately characterize the onsite chlorinated plume. One vapor sampling event has been conducted and vapor concentrations are below commercial soil vapor ESLs. Additionally, historic groundwater concentrations of chlorinated solvents are below Environmental Screening Levels (ESLs) for shallow groundwater for potential risk of vapor intrusion to indoor air in a sand soil scenario. Depth to groundwater in onsite wells has historically ranged between 5 and 10 feet; however, a review of well logs indicates that first encountered is below 10 feet below grade surface. Therefore, use of ESLs of groundwater for vapor intrusion to indoor air is appropriate. Off-Site: The chlorinated solvent plume has not been defined in the downgradient direction by data collection; however, the plume length was estimated to be 110 to 650 feet based on first-order degradation rates. Based on a review of off-site environmental cases to the west and southwest, depth to groundwater appears to be similar or the depth increases. Additionally, buildings downgradient of the site do not have basements.		
Exposure Pathways, Receptors, and Potential Risks, Threats, and Other Environmental Concerns are Identified and Assessed	On-Site: Multiple lines of evidence (soil, soil vapor, sub-slab, and groundwater concentrations) support a low risk of vapor intrusion to indoor air for workers in the existing commercial building.		

	Off-Site: Depth to water and groundwater concentrations beneath receptors within the estimated plume boundary support a low risk of vapor intrusion to indoor air in the downgradient commercial buildings.
Are maximum soil vapor concentrations less than relevant screening criteria?	Yes. Onsite concentrations of chlorinated VOCs have been investigated at the site. Concentrations of PCE, TCE, and VC at six soil vapor probes installed at a depth of five feet below grade surface (bgs) and at two "sub-slab" vapor probes installed to a depth of 1.5 feet were typically non-detectable (at varying limits of detection; each below soil vapor ESLs). Onsite groundwater concentrations at existing monitoring wells are consistently below Table GW-3 *Groundwater Vapor Intrusion Human Health Risk Screening Levels (Volatile Chemicals Only)* for Commercial / Industrial Land Use using the shallow groundwater sand scenario of the RWQCB ESL tables, but not for residential land use. Land use downgradient of the subject site is commercial or open space for a distance of approximately 1,000 feet and no sensitive receptors appear to be present within that distance. Therefore, ACDEH concludes that under the current commercial land use residual site contamination poses a low threat to human health and safety.

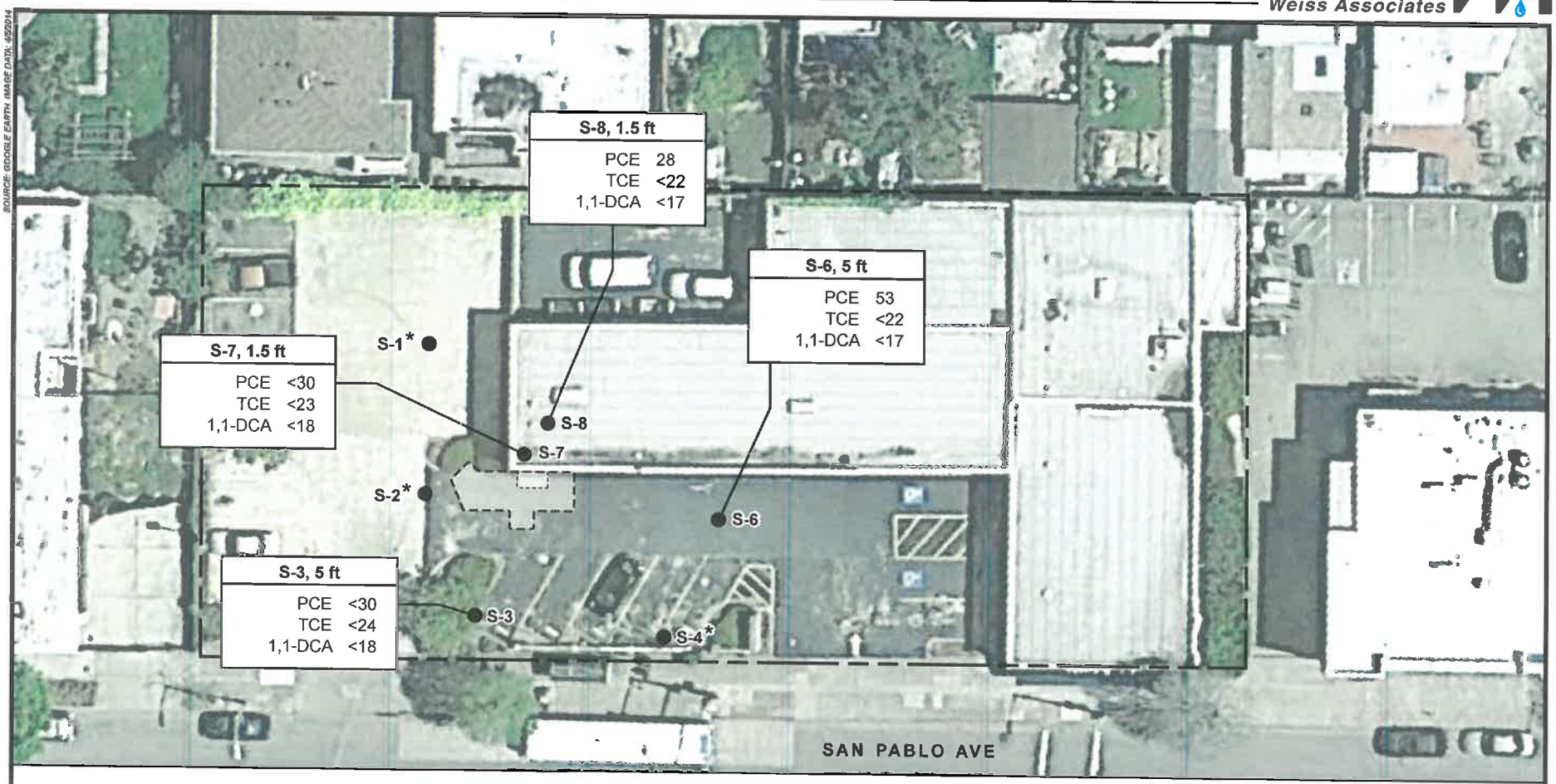


Figure 7. Selected Soil Gas Sample Results, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\Soil Gas Concentrations.ai

5/13/15

ProTech

Table 1- Soil Gas Vapor Sampling Results (6/4/12)
969 San Pablo Road, Albany, CA
Protech Job # 383-12

	Soil Gas Vapor Sample ID #		S-1	S-2	S-3	S-4	S-6	S-7	S-8
	Date Collected		5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12
	Sample Depth		5 fbg	5 fbg	5fbg	5 fbg	5 fbg	1.5 fbg	1.5 fbg
Analyte									
	TE-2-rESL (ug/m3)	TE-4-rESL (ug/m3)	EPA TO 15 - VOCs in Air (ug/m3)						
Acetone	6.60E+05	3.30E+05	430	69	19 J,DX	150	61	51	55
Benzene	84	42	ND(89)	12 J,DX	ND(14)	ND(14)	13	7.8 J,DX	14
Benzyl chloride	NE	NE	ND(360)	ND(52)	ND(58)	ND(58)	ND(53)	ND(56)	ND(53)
Bromodichloromethane	140	69	ND(190)	ND(27)	ND(30)	ND(30)	ND(27)	ND(29)	ND(28)
Bromoform	NE	NE	ND(200)	ND(41)	ND(46)	ND(46)	ND(42)	ND(45)	ND(43)
Bromomethane	1000	520	ND(110)	14 J,DX	9.5 J,DX	19	9.7 J,DX	14 J,DX	11 J,DX
2-Butanone (MEK)	NE	NE	ND(210)	ND(29)	ND(33)	ND(33)	ND(30)	ND(32)	ND(30)
Carbon disulfide	NE	NE	ND(220)	ND(31)	ND(35)	15 J,DX	ND(32)	ND(34)	ND(32)
Carbon tetrachloride	19	9.4	ND(440)	ND(63) LQ	ND(70)	ND(70) LQ	ND(64) LQ	ND(69)	ND(65)
Chlorobenzene	2.10E+05	1.00E+05	ND(130)	ND(18)	ND(21)	ND(21)	ND(19)	ND(20)	ND(19)
Dibromochloromethane	NE	NE	ND(240)	ND(34)	ND(38)	ND(38)	ND(35)	ND(37)	ND(35)
Chloroethane	2.10E+04	1.00E+04	ND(74)	ND(11)	ND(12)	ND(12)	ND(11)	ND(12)	ND(11)
Chloroform	460	230	ND(140)	ND(20)	14 J,DX	65	72	ND(21)	22
Chloromethane	1.90E+04	9.40E+03	ND(58)	ND(8.3)	ND(9.3)	ND(9.3)	ND(8.4)	ND(9)	ND(8.5)
1,2-Dibromoethane (EDB)[1]	1900	940	ND(210)	ND(31)	ND(34)	ND(34)	ND(31)	ND(34)	ND(32)
1,2-Dichlorobenzene	4.20E+04	2.10E+04	ND(170)	ND(24)	ND(27)	ND(27)	ND(25)	ND(26)	ND(25)
1,3-Dichlorobenzene	2.20E+04	1.10E+04	ND(170)	ND(24)	ND(27)	ND(27)	ND(25)	ND(26)	ND(25)
1,4-Dichlorobenzene	220	110	ND(170)	ND(24)	ND(27)	ND(27)	ND(25)	ND(26)	ND(25)
Dichlorodifluoromethane	NE	NE	ND(140)	ND(20)	ND(22)	ND(22)	ND(20)	ND(22)	ND(20)
1,1-Dichloroethane	1500	760	ND(110)	ND(16)	ND(18)	ND(18)	ND(17)	ND(18)	ND(17)
1,2-Dichloroethane	94	47	ND(110)	ND(16)	ND(18)	ND(18)	ND(17)	ND(18)	ND(17)
1,1-Dichloroethene	4.20E+04	2.10E+04	ND(110)	ND(16)	ND(18)	ND(18)	ND(16)	ND(17)	ND(16)
cis-1,2-Dichloroethene	7300	3700	ND(110)	ND(16)	ND(18)	ND(18)	ND(16)	ND(17)	ND(16)
trans-1,2-Dichloroethene	1.50E+04	7.30E+03	ND(110)	ND(16)	ND(18)	ND(18)	ND(16)	ND(17)	ND(16)
1,2-Dichloropropane	240	120	ND(160)	ND(23)	ND(26)	ND(26)	ND(24)	ND(25)	ND(24)
cis-1,3-Dichloropropene	NE	NE	ND(160)	ND(23)	ND(25)	ND(25)	ND(23)	ND(25)	ND23)
trans-1,3-Dichloropropene	NE	NE	ND(320)	ND(45)	ND(51)	ND(51)	ND(46)	ND(49)	ND(47)
1,2-Dichloro-1,1,2,2-tetrafluoroehane	NE	NE	ND(200)	ND(28)	ND(31)	ND(31)	ND(29)	ND(30)	ND(29)
Ethylbenzene	980	490	ND(120)	33	68	110	85	56	82
4-Ethyltoluene	NE	NE	75 J,DX	37	ND(22)	15 J,DX	140	110	140
Hexachlorobutadiene	NE	NE	ND(300)	ND (43)	ND(48)	ND(48)	ND(44)	ND(46)	ND(44)
2 Hexanone	NE	NE	ND(290)	ND(41)	ND(46)	ND(46)	ND(42)	ND(45)	ND(42)
Methylene Chloride	5200	18	ND(97)	18	11 J,DX	13 J,DX	ND(14)	ND(15)	ND(14)
4-Methyl-2-pentanone (MIBK)	NE	NE	ND(290)	ND(41)	ND(46)	ND(46)	ND(42)	ND(45)	ND(42)
Styrene	1.90E+05	9.4E+04	ND(120)	ND(17)	370	610	ND(17)	ND(19)	ND(18)
1,1,2,2-Tetrachloroethane	42	21	ND(190)	ND(27)	ND(31)	ND(31)	ND(28)	ND(30)	ND(28)
Tetrachloroethene	410	210	ND(190)	ND(27)	ND(30)	ND(30)	53	ND(30)	28
Toluene	6.30E+04	3.10E+04	200	150	31	36	270	160	250
1,2,4-Trichlorobenzene	830	420	ND(260)	ND(37)	ND(42)	ND(42)	ND(38)	ND(40)	ND(38)

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Table 1- Soil Gas Vapor Sampling Results (6/4/12)
969 San Pablo Road, Albany, CA
Protech Job # 383-12

Soil Gas Vapor Sample ID #			S-1	S-2	S-3	S-4	S-6	S-7	S-8
Date Collected			5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12
Sample Depth			5 fbg	5 fbg	5fbg	5 fbg	5 fbg	1.5 fbg	1.5 fbg
Analyte									
1,1,1-Trichloroethane	4.60E+05	2.30E+05	ND(150)	ND(22)	ND(24)	ND(24)	ND(22)	ND(24)	ND(22)
1,1,2-Trichloroethane	150	76	ND(150)	ND(22)	ND(24)	ND(24)	ND(22)	ND(24)	ND(22)
Trichloroethene	1200	610	ND(150)	ND(21)	ND(24)	ND(24)	ND(22)	ND(23)	ND(22)
Trichlorofluoromethane	NE	NE	ND(160)	ND(22)	ND(25)	ND(25)	ND(23)	ND(24)	ND(23)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND(210)	ND(31)	ND(34)	ND(34)	ND(31)	ND(33)	ND(32)
1,2,4-Trimethylbenzene	NE	NE	**70 J,DX**	**28**	ND(28)	ND(28)	**120**	**97**	**120**
1,3,5-Trimethylbenzene	NE	NE	ND(140)	ND(20)	ND(22)	ND(22)	**33**	**26**	**32**
Vinyl acetate	NE	NE	ND(250)	ND(35)	ND(39)	ND(39)	ND(36)	ND(38)	ND(36)
Vinyl chloride	31	16	ND(71)	ND(10)	ND(11)	ND(11)	ND(10)	ND(11)	ND(11)
m,p-Xylene	2.10E+04	1.00E+04	**250**	**140**	**21**	**31**	**380**	**270**	**370**
o-Xylene	2.10E+04	1.00E+04	**75 J,DX**	**39**	**15 J,DX**	ND(19)	**120**	**84**	**120**
2-Propanol	NE	NE	**4300**	**300**	ND(55)	**590**	ND(50)	ND(54)	ND(51)
Analytical Method D1946 - Fixed Gases in Air (%vol/vol)									
Carbon Dioxide			**0.51**	**0.054**	**3.9**	**8.3**	**2.9**	**0.18**	**0.2**
Methane			**0.00023 J,DX**	**0.00023 J,DX**	ND(0.00040)	ND(0.00038)	ND(0.00041)	ND(0.00041)	**0.00022 J,DX**
Nitrogen			**79**	**77**	**81**	**82**	**79**	**79**	**78**
Oxygen			**21**	**21**	**15**	**9.5**	**19**	**22**	**21**

Notes:

rESL = residential Screening Level (ug/m3)

Analytical Results in micrograms per cubic meter (ug/m3) for analytical method TO-15

Analytical Results in percent volume (%v/v) for analytical method D1946

fbg = feet below grade

ND = Non Detected (with Report Limit in parentheses)

Bold = Detected above Reporting Limit (RL)

Red Bold = Detected amount above residential Environmental Screening Level (rESL)

1 = EDB rESL is between 2.0E ug/m3 and 4.1 ug/m3 as a carcinogen and 940 ug/m3 and 1900 ug/m3 for a non- carcinogen. The highest reading is ND at 210 ug/m3 and the average is 58 ug/m3. There is no reason to believe this EDB is carcenoganic so the noncarcenogenic rESL range of 940 ug/m3 and 1900 ug/m3 is used.

J, DX = Estimated value; value < lowest standard (MQL), but >than MDL

LQ = LCS/LCSD recovery above method control limits

Reference:
ProTech Consulting and Engineering, 2012. Soil Gas Sampling and Analysis, Results, Interpretation and Technical Reporting, 969 San Pablo Avenue, Albany, California, July.

Table 1 - Sample Collection Time Compared to 2-Propanol Detected

Sample	Time Required to collect Samples (minutes)	2-Propanol (IPA) Detected (ug/m^3)
S-1	8	4300
S-2	163	300
S-3	8	ND
S-4	10	590
S-5	Not Sampled after three hours	Not Sampled
S-6	8	ND
S-7	6	ND
S-8	6	ND

Note: The cause of the 2-propanol break through in samples S-1, S-2, and S-4 has been linked to long sampling times (S-2) or preferential flow to expand radius of influence (S-1 and S-4) during the sampling event.

Reference:

ProTech Consulting and Engineering, 2012. *Soil Gas Sampling and Analysis, Results Interpretation and Technical Reporting, 969 San Pablo Avenue, Albany, California*, July.

ATTACHMENT 5

Attachment 5 – Direct Contact Evaluation and Data

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPSURE CRITERIA

Closure Scenario

__ Exemption (no petroleum hydrocarbons in upper 10 feet), __ Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below, __ Site-specific risk assessment, __ A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health, _X_ **A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls**, __ This case should be closed in spite of not meeting the direct contact and outdoor air specific media criteria.

Evaluation Criteria: Shading indicates criteria met.

Are maximum concentrations less than those in Table 1 below?		No				
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	----	<0.10	----	<0.10	<0.10
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	<0.629	----	<0.629	<0.629
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

Direct Contact and Outdoor Air Analysis

Onsite	This site does not meet this LTCP criterion due to the lack of analysis in soil for naphthalene and poly-aromatic hydrocarbons (PAHs). Available data indicates that outside of the former UST excavation area, contaminant migration occurred through groundwater migration. Depth to groundwater is documented to have ranged between 5.05 and 9.89 feet bgs over approximately 25 years; thus ACDEH concludes that the potential for residual naphthalene and PAH soil contamination to be present beneath the site at concentrations over the LTCP media-specific numeric values listed above is unlikely. Additionally, under the current land use, most of the site is paved with minor landscaped areas near the site boundaries resulting in a low potential for direct contact exposure under the current land use. Excavation or construction activities in areas of potential residual contamination will be managed with a land use restriction, and require planning and implementation of appropriate health and safety procedures by the responsible party, or current property owner, prior to and during excavation and construction activities.
Offsite	The petroleum hydrocarbon plume does not extend offsite.

Attachment 5 – Direct Contact Evaluation and Data

DIRECT CONTACT – NON-PETROLEUM

Closure Guidance

San Francisco Bay Regional Water Quality Control Board's *Environmental Screening Level* Tables, in conjunction with *User's Guide: Derivation and Application of Environmental Screening Levels*, and, revised in February 2016.

Closure Scenario

_X_ **Maximum concentrations of contaminants are less than or equal to those in Table 1 below**, __ Site-specific risk assessment, __ A determination has been made that the concentrations of contaminants in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls.

Evaluation Criteria: Shading indicates criteria met.

Are maximum concentrations less than those in Table 1 below?		Yes		
Constituent		Residential	Commercial / Industrial	Utility Worker
		0 to 10 feet bgs (mg/kg)	0 to 10 feet bgs (mg/kg)	0 to 10 feet bgs (mg/kg)
Site Maximum	Tetrachloroethene	< 0.005	< 0.005	< 0.005
Direct Contact ESL	Tetrachloroethene	0.6	2.7	33
Site Maximum	Trichloroethene	< 0.005	< 0.005	< 0.005
Direct Contact ESL	Trichloroethene	1.2	8.0	23
Site Maximum	1,1-Dichloroethane	< 0.005	< 0.005	< 0.005
Direct Contact ESL	1,1-Dichloroethane	3.5	18	410
Site Maximum	Vinyl Chloride	< 0.005	< 0.005	< 0.005
Direct Contact ESL	Vinyl Chloride	0.0082	0.15	3.4

Direct Contact Analysis

Pollutant Sources are Identified and Evaluated	Former Waste Oil UST
Site is Adequately Characterized	On-Site: Investigations have been conducted between March 1990 and March 2015 and adequately characterize the site for direct contact. All residual concentrations of chlorinated solvents in soil at the subject site are below residential, the commercial / industrial and the Any Land Use / Any Depth Soil for Construction Workers derived from the *Soil Summary Table*, (RWQCB, ESLs, dated February 2016). Therefore, ACDEH concludes that under the current land use onsite residual site contamination in shallow soil (upper 10 feet) poses a low threat to human health and safety. Off-Site: The presence of chlorinated solvents in soil was limited to the area proximal to the former waste oil UST and thus no or very low concentrations of water transported chlorinated solvents are expected to be present in offsite soil. This is supported by onsite soil vapor concentrations as discussed above.

Attachment 5 – Direct Contact Evaluation and Data

Exposure Pathways, Receptors, and Potential Risks, Threats, and Other Environmental Concerns are Identified and Assessed	On-Site: Multiple lines of evidence (soil, soil vapor, sub-slab, and groundwater concentrations) support a low risk of direct contact for workers at the existing commercial building. Off-Site: Depth to water and groundwater concentrations beneath receptors within the estimated groundwater plume boundary support a low risk of direct contact with soil contaminants in the downgradient commercial buildings.
Are maximum soil concentrations less than relevant screening criteria?	On-Site: Yes. Onsite concentrations of chlorinated VOCs have been investigated at the site. Source removal was conducted in 1991, and concentrations in groundwater indicate that a mass- and diffusion-limited chlorinated solvent groundwater plume remains near the former waste oil UST and is likely due to a limited residual source of chlorinates solvent mass that was adsorbed to low permeability clay soil in the vicinity of the former UST. Based on available data, these soil concentrations are below commercial direct contact ESLs. Off-Site: Yes. The presence of chlorinated solvents in soil was limited to the area proximal to the former waste oil UST and thus no or very low concentrations of water transported chlorinated solvents are expected to be present in offsite soil. This is supported by onsite soil vapor concentrations as discussed above.

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	92.8	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	96.8	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	80.5	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	95.8	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	94.2	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999

Submission #: 9903328
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

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Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	92.8	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	96.8	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	80.5	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	95.8	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	94.2	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999

Submission #: 9903328
page 2

TCG
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Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

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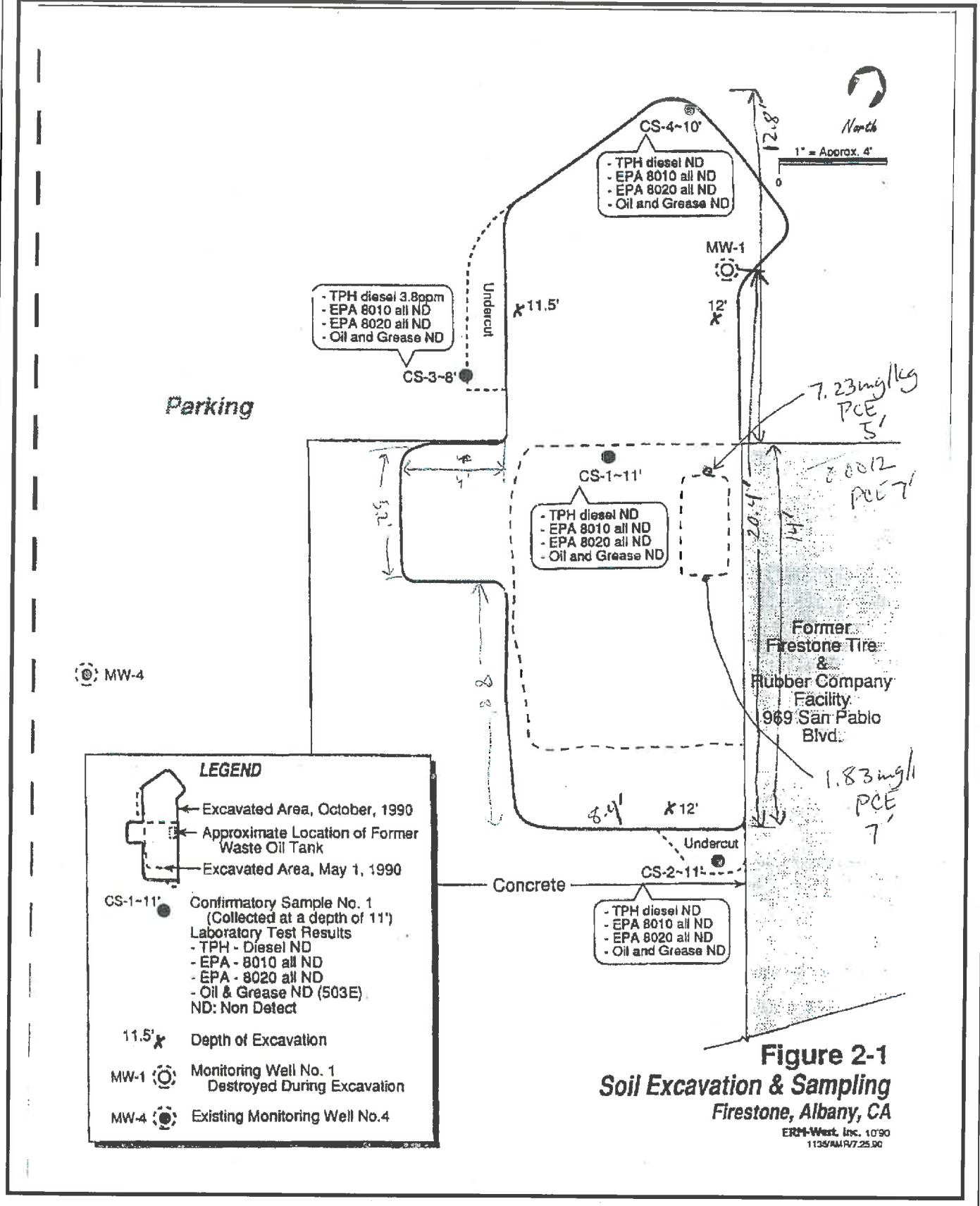


Figure 2-1
Soil Excavation & Sampling
Firestone, Albany, CA
ERM-West, Inc. 10/90
1135/AMR/7.25.90

Figure _. Soil and Groundwater Investigation at Former Firestone Tire & Rubber Company Facility, Albany, ERM-West, Inc., October 1990

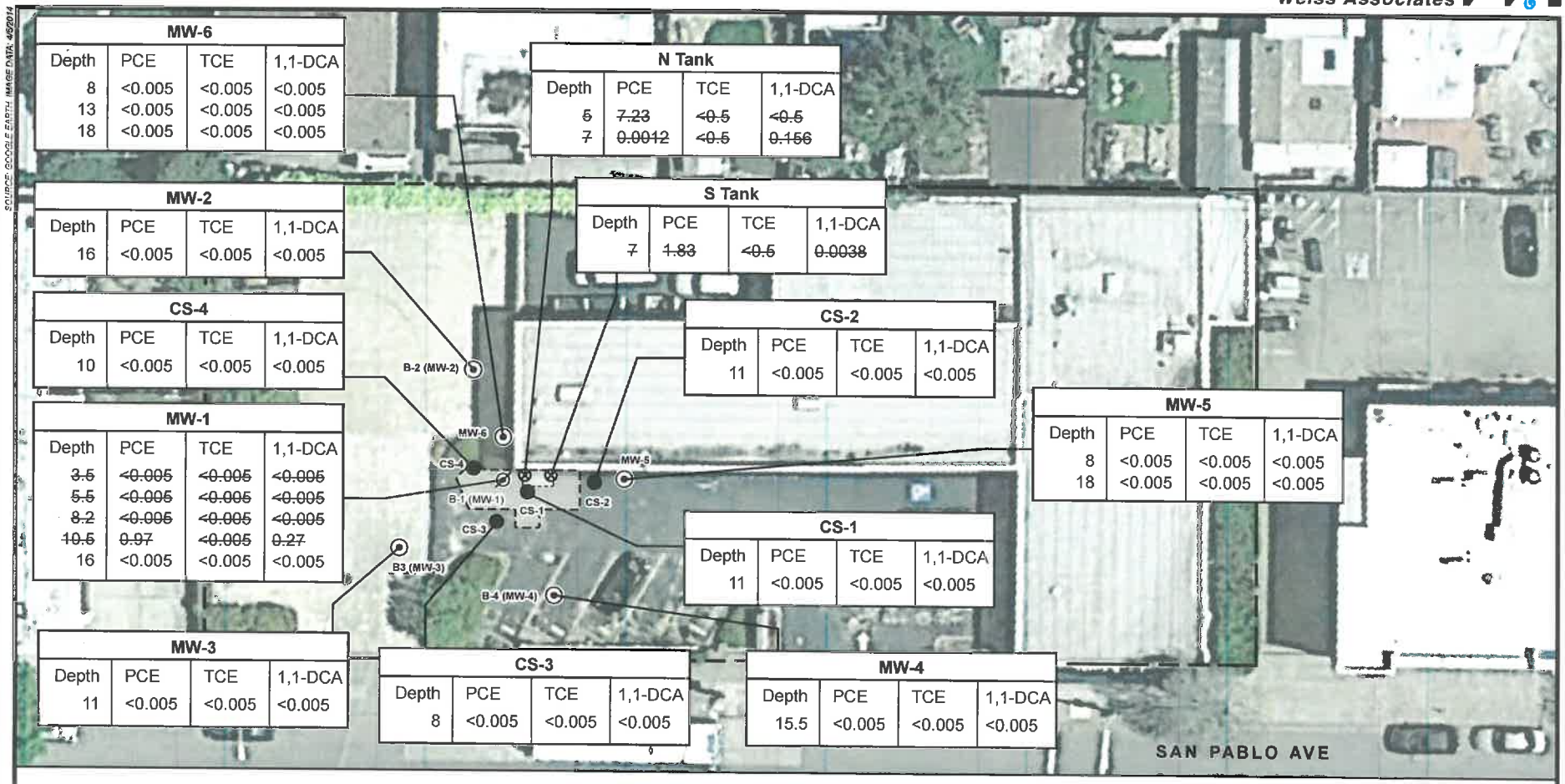
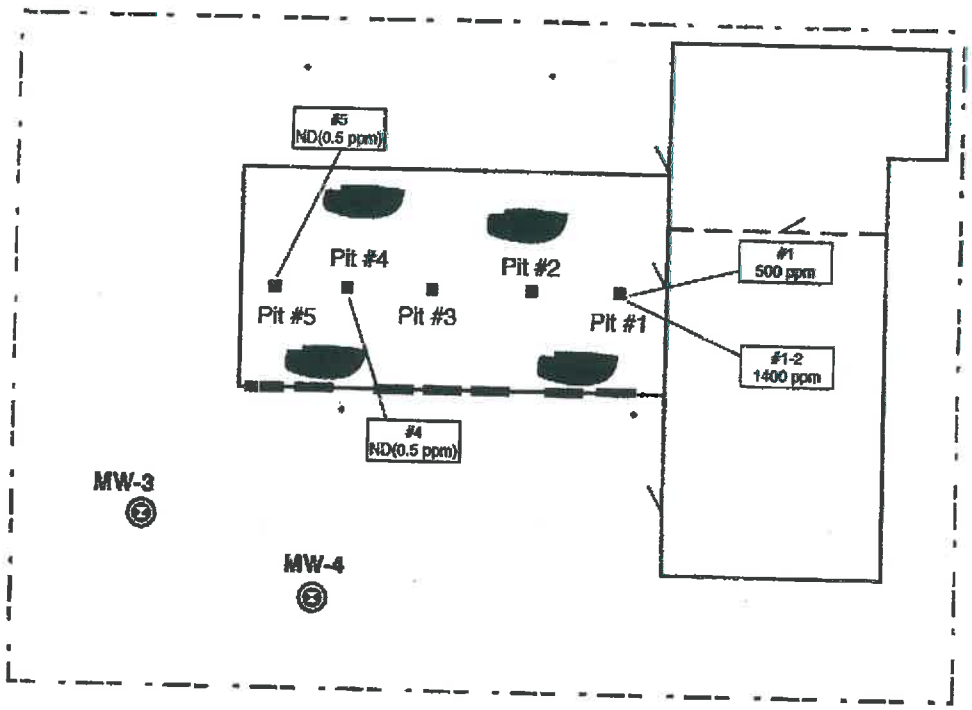


Figure 5. Volatile Organic Compound Results for Soil, Former Firestone Tire Store #3655, 969 San Pablo Avenue, Albany, California

L:\Kelly Moore\Soil Concentrations.ai

5/13/15



Legend

- Property Boundary
- MW-3 — Groundwater Monitoring Well
- Doorway
- Sewer Cleanout
- Garage Doors
- Pit #1 — Sampled Hydraulic Lifts w/ID#
- Pit #3 — Unsampled Hydraulic Lifts w/ID#
- #1 500 ppm — Sample # w/ TEPH-ho result
- "Likely Dirty" Stockpile
- "Likely Clean" Stockpile

Approx scale
0 178
(feet)

Source: Letter Report-Hydraulic Lift Removal, 969 San Pablo Avenue, Albany, California, Protech, December 23, 1998.

ProTech Consulting & Engineering	Job No. 980116 Date 22 Dec 1998 Drawn by WL Rev WL Apprvd WL	**Site Plan w/Analytical Results** Hydraulic Lift Removal Program Kelly-Moore Paint Company 969 San Pablo Avenue, Albany, California	Project	N	Figure 3

TABLE 1-1

Hydrocarbons and Metals in Soil Samples From Underground Storage Tank Excavation

Sample No.	Depth (feet)	Total Petrol. Hydrocarbons - Diesel (mg/kg)	Volatile Aromatic Hydrocarbons (mg/kg)					Volatile Halocarbons (mg/kg)					Oil and Grease (mg/kg)
			Benzene	Toluene	Xylenes (total)	Chloro-benzene	Ethyl-benzenes (total)	1,2-dichloro-ethane	1,1-dichloro-ethane	Trichloro-ethylene	1,1,1-trichloro-ethane	Tetrachloro-ethene	
N. Wall	5	ND	2.8	4.48	16.9	ND	3.85	ND	ND	ND	4.28	7.23	6,548
N. End	7	1070	0.0161	ND	0.0351	ND	ND	0.0156	0.0037	ND	ND	0.0012	40
S. End	7	85	0.16	0.77	8.89	ND	ND	ND	0.0036	ND	0.68	1.82	2,426

Sample No.	Depth (feet)	Cadmium (mg/kg)	Chromium (mg/kg)	Molybdenum (mg/kg)	Zinc (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)
N. Wall	5	ND	69	ND	ND	135	52
N. End	7	ND	ND	ND	ND	11	42
S. End	7	ND	59	ND	ND	268	40

Note: ND = Not Detected
Samples were collected by Ryan-Murphy, Inc.
Analyses were performed by FGL Environmental

TPHD
BTEX
VOCs
O+G
Metals
} Concern

TABLE 1
SOIL SAMPLING RESULTS

FIRESTONE TIRE AND RUBBER COMPANY
ALBANY, CA

CONSTITUENT (1)	CONCENTRATION, mg/kg		
	Sample Location		
	N. End of Tank, 7' deep	S. End of Tank, 7' deep	N. Wall 5' deep
Hydrocarbons			
TPH (Diesel)	< 10	86	1070
Benzene	0.0161	0.150	2.3
Toluene	<0.005	0.770	4.46
Xylene	0.0051	8.59	16.9
Ethylbenzene	<0.005	0.820	3.25
Oil & Grease	40	2436	6548
Chorinated Compounds			
1,1 Dichlorethane	0.0156	0.0038	<0.0005
1,2 Dichloroethane	0.0007	<0.0005	<0.0005
Tetrachloroethylene	0.0012	1.83	7.23
1,1,1, Trichloroethane	<0.0005	0.9	4.3
Metals			
Cadium	<0.5	<0.5	<0.5
Chromium (Total)	<50	52	60
Molybdenum	<100	<100	<100
Zinc	<100	<100	<100
Lead	11	266	135
Nickel	42	40	52

(1) Summarized on this Table are only the detected constituents. See laboratory data sheets for complete listing of analysis.

TABLE 2-1

Hydrocarbons in Soil Samples

Sample No.	Depth (feet)	Extractable Petrol. Hydrocarbons (mg/kg)		Volatile Aromatic Hydrocarbons (mg/kg)					Volatile Halocarbons (mg/kg)	Petroleum Oil and Grease (mg/kg)
		Kerosene Range	Diesel Range	Benzene	Toluene	Xylenes (total)	Chloro-Benzene	Ethyl-Benzenes		
CS-1	11	ND	ND	These compounds were not detected.						
CS-2	11	ND	ND							
CS-3	8	ND	3.8							
CS-4	10	ND	ND							

TABLE 1

Hydrocarbons and Organic Lead in Soil Samples

Sample No.	Depth (feet)	Extractable Petrol. Hydrocarbons (mg/kg)		Volatile Aromatic Hydrocarbons (mg/kg)					Volatile Halocarbons (mg/kg)					Organic Lead (mg/kg)
		Kerosene Range	Diesel Range	Benzene	Toluene	Xylenes (total)	Chloro-benzene	Ethyl-benzenes (total)	1,1-dichloro-ethane	1,1-dichloro-ethane	Trichloro-ethylene	1,1,1-trichloro-ethane	tetrachloro-ethene	
Monitoring Well No. 1														
B-1-1	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-1-2	5.5	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-1-3	8.2	ND	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-1-4	10.5	ND	72	0.043	ND	0.51	ND	ND	0.27	0.026	ND	0.47	0.97	ND
B-1-5	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Well No. 2														
B-2-4	16	ND	ND	ND	ND	0.0051	ND	0.0069	ND	ND		ND	ND	ND
Monitoring Well No. 3														
B-3-4	11	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND
Monitoring Well No. 4														
B-4-5	15.5	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND

Notes: "ND" = Not Detected

Analyses were performed by Curtis & Tomkins, Berkeley, California.

Reference:

ERM-West, Inc., 1990. Firestone Tire & Rubber Company, Albany Remediation Plan Addendum, October 11.

Table 1 - Analytical Results - Soil Boring Samples
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, California

Constituent / Matrix	MW5-8.0 Soil	MW5-13.0 Soil	MW5-18.0 Soil	MW6-8.0 Soil	MW6-13.00 Soil	MW6-18.0 Soil
Petroleum Hydrocarbon Analyses (mg/kg)						
TPH - g	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
TEPH - d	ND(1)	ND(1)	ND(1)	1.9	ND(1)	3.8
Benzene	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
Toluene	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
Ethyl Benzene	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
Total Xylenes	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
MTBE	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
VOCs & SVOCs						
VOCs (µg/kg)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)
SVOCs (mg/kg)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)

Notes:
MW5-8.0 = boring #-sample depth
TPH-g = total petroleum hydrocarbons, characterized as gasoline
TEPH-d = total extractable petroleum hydrocarbons, characterized as diesel
MTBE = methyl tert-butyl ether
VOCs = volatile organics compounds
SVOCs = semi-volatile organic compounds
µG/kg = micrograms/kilogram
mg/kg = milligrams/kilogram
ND(1) = not detected (method detection limit)

Reference:
ProTech Consulting and Engineering, 1999. Technical Report for Groundwater Monitoring Well Installation, Development,and Sampling & Analysis, Kelly Moore Paint Store, 969 San Pablo Avenue, Albany, California,April.

TABLE 1: LUFT METALS, and TPH ANALYTICAL RESULTS
Hydraulic Lift Removal - Pit Soil Sampling
Kelly-Moore Paint, 969 San Pablo Avenue, Albany, California

Constituent	#1	#1-2	#4	#5	SP-1,2,3,4
Matrix	Soil	Soil	Soil	Soil	Soil
Cadmium	ND(0.5)	--	ND(0.5)	ND(0.5)	ND(0.5)
Total Chromium	32	--	40	25	42
Lead	3.7	--	9.6	3.7	4.2
Nickel	57	--	110	35	46
Zinc	31	--	38	22	30
TEPH - ho	500	1400	ND(50)	ND(50)	1900
Benzene	ND(0.005)	--	ND(0.005)	ND(0.005)	ND(0.005)
Toluene	ND(0.005)	--	ND(0.005)	ND(0.005)	ND(0.005)
Ethyl Benzene	ND(0.005)	--	ND(0.005)	ND(0.005)	ND(0.005)
Total Xylenes	ND(0.005)	--	ND(0.005)	ND(0.005)	ND(0.005)

Notes: #1 = Pit number and sample number; #1-2 =deeper sample in same pit #; SP-1,2,3,4 = stockpiled soil sample; ND(0.5) = not detected (detection limit), TEPH-ho = total extractible petroleum hydrocarbons, characterized as hydraulic oil; Total Chromium = trivalent and hexavalent forms, Total Xylenes = three isomers (ortho, meta, and para).

Reference:

ProTech Consulting and Engineering, 1998. Letter Report, Hydraulic Lift Removal, 969 San Pablo Avenue, Albany, California, December 23.

Curtis & Tomkins, Ltd.

LABORATORY NUMBER: 101958
CLIENT: ERM-WEST
JOB #: 1135
LOCATION: ALBANY, CALIFORNIA

DATE RECEIVED: 10/16/90
DATE EXTRACTED: 10/17/90
DATE ANALYZED: 10/18/90
DATE REPORTED: 10/18/90

Extractable Petroleum Hydrocarbons in Soils & Wastes
California DOHS Method
LUFT Manual October 1989

LAB ID	CLIENT ID	KEROSENE RANGE (mg/Kg)	DIESEL RANGE (mg/Kg)	REPORTING LIMIT (mg/Kg)
101958-1	CS-1	ND	ND	1.0
101958-2	CS-2	ND	ND	1.0
101958-3	CS-3	ND	3.8	1.0
101958-4	CS-4	ND	ND	1.0

ND = Not Detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	11
RECOVERY, %	97

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101958-1
CLIENT: ERM-WEST
JOB #: 1135 - ALBANY, CALIFORNIA
SAMPLE ID: CS-1

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8010: Volatile Halocarbons in Soil & Wastes
Extraction Method: EPA 5030 - Purge & Trap

Compound	RESULT ug/Kg	REPORTING LIMIT ug/Kg
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
1,1,2-trichloroethane	ND	5.0
trans-1,3-dichloropropene	ND	5.0
dibromochloromethane	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
tetrachloroethylene	ND	5.0
1,1,2,2-tetrachloroethane	ND	5.0
chlorobenzene	ND	5.0
1,3-dichlorobenzene	ND	5.0
1,2-dichlorobenzene	ND	5.0
1,4-dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

Duplicate: Relative % Difference	3
Spike: Average % Recovery	77

Curtis & Tompkins, LTD

LABORATORY NUMBER: 101958-2
CLIENT: ERM-WEST
JOB #: 1135 - ALBANY, CALIFORNIA
SAMPLE ID: CS-2

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8010: Volatile Halocarbons in Soil & Wastes
Extraction Method: EPA 5030 - Purge & Trap

Compound	RESULT ug/Kg	REPORTING LIMIT ug/Kg
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
1,1,2-trichloroethane	ND	5.0
trans-1,3-dichloropropene	ND	5.0
dibromochloromethane	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
tetrachloroethylene	ND	5.0
1,1,2,2-tetrachloroethane	ND	5.0
chlorobenzene	ND	5.0
1,3-dichlorobenzene	ND	5.0
1,2-dichlorobenzene	ND	5.0
1,4-dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

Duplicate: Relative % Difference	3
Spike: Average % Recovery	77

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101958-3
CLIENT: ERM-WEST
JOB #: 1135 - ALBANY, CALIFORNIA
SAMPLE ID: CS-3

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8010: Volatile Halocarbons in Soil & Wastes
Extraction Method: EPA 5030 - Purge & Trap

Compound	RESULT ug/Kg	REPORTING LIMIT ug/Kg
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
1,1,2-trichloroethane	ND	5.0
trans-1,3-dichloropropene	ND	5.0
dibromochloromethane	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
tetrachloroethylene	ND	5.0
1,1,2,2-tetrachloroethane	ND	5.0
chlorobenzene	ND	5.0
1,3-dichlorobenzene	ND	5.0
1,2-dichlorobenzene	ND	5.0
1,4-dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

Duplicate: Relative % Difference	3
Spike: Average % Recovery	77

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101958-4
CLIENT: ERM-WEST
JOB #: 1135 - ALBANY, CALIFORNIA
SAMPLE ID: CS-4

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8010: Volatile Halocarbons in Soil & Wastes
Extraction Method: EPA 5030 - Purge & Trap

Compound	RESULT ug/Kg	REPORTING LIMIT ug/Kg
chloromethane	ND	10
bromomethane	ND	10
vinyl chloride	ND	10
chloroethane	ND	10
methylene chloride	ND	5.0
trichlorofluoromethane	ND	5.0
1,1-dichloroethene	ND	5.0
1,1-dichloroethane	ND	5.0
1,2-dichloroethene (total)	ND	5.0
chloroform	ND	5.0
freon 113	ND	5.0
1,2-dichloroethane	ND	5.0
1,1,1-trichloroethane	ND	5.0
carbon tetrachloride	ND	5.0
bromodichloromethane	ND	5.0
1,2-dichloropropane	ND	5.0
cis-1,3-dichloropropene	ND	5.0
trichloroethylene	ND	5.0
1,1,2-trichloroethane	ND	5.0
trans-1,3-dichloropropene	ND	5.0
dibromochloromethane	ND	5.0
2-chloroethylvinyl ether	ND	10
bromoform	ND	5.0
tetrachloroethylene	ND	5.0
1,1,2,2-tetrachloroethane	ND	5.0
chlorobenzene	ND	5.0
1,3-dichlorobenzene	ND	5.0
1,2-dichlorobenzene	ND	5.0
1,4-dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

Duplicate: Relative % Difference	3
Spike: Average % Recovery	77

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101958-1
CLIENT: ERM-WEST
PROJECT: 1135
LOCATION: ALBANY, CALIFORNIA
SAMPLE ID: CS-1

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8020: Volatile Aromatic Hydrocarbons in Soils & Wastes
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/Kg	Reporting Limit ug/Kg
Benzene	ND	5.0
Toluene	ND	5.0
Ethyl Benzene	ND	5.0
Total Xylenes	ND	5.0
Chlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	104

Curtis & Tomkins, Ltd

LABORATORY NUMBER: 101958-2
CLIENT: ERM-WEST
PROJECT: 1135
LOCATION: ALBANY, CALIFORNIA
SAMPLE ID: CS-2

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8020: Volatile Aromatic Hydrocarbons in Soils & Wastes
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/Kg	Reporting Limit ug/Kg
Benzene	ND	5.0
Toluene	ND	5.0
Ethyl Benzene	ND	5.0
Total Xylenes	ND	5.0
Chlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	104

Curtis & Tomokins, LTD

LABORATORY NUMBER: 101958-3
CLIENT: ERM-WEST
PROJECT: 1135
LOCATION: ALBANY, CALIFORNIA
SAMPLE ID: CS-3

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8020: Volatile Aromatic Hydrocarbons in Soils & Wastes
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/Kg	Reporting Limit ug/Kg
Benzene	ND	5.0
Toluene	ND	5.0
Ethyl Benzene	ND	5.0
Total Xylenes	ND	5.0
Chlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	104

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 101958-4
CLIENT: ERM-WEST
PROJECT: 1135
LOCATION: ALBANY, CALIFORNIA
SAMPLE ID: CS-4

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/17/90
DATE REPORTED: 10/18/90

EPA 8020: Volatile Aromatic Hydrocarbons in Soils & Wastes
Extraction Method: EPA 5030 - Purge & Trap

COMPOUND	Result ug/Kg	Reporting Limit ug/Kg
Benzene	ND	5.0
Toluene	ND	5.0
Ethyl Benzene	ND	5.0
Total Xylenes	ND	5.0
Chlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	104

Curtis & Tompkins, Ltd.

LAB NUMBER: 101958
CLIENT: ERM-WEST
PROJECT # : 1135
LOCATION: ALBANY, CALIFORNIA

DATE RECEIVED: 10/16/90
DATE ANALYZED: 10/18/90
DATE REPORTED: 10/18/90

ANALYSIS: HYDROCARBON OIL AND GREASE
METHOD: SMWW 17:5520 E&F

LAB ID	SAMPLE ID	RESULT	UNITS	REPORTING LIMIT
101958-1	CS-1	ND	mg/Kg	50
101958-2	CS-2	ND	mg/Kg	50
101958-3	CS-3	ND	mg/Kg	50
101958-4	CS-4	ND	mg/Kg	50

ND = Not detected at or above reporting limit

QA/QC SUMMARY

RPD, %	2
RECOVERY, %	88

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-8.0**
Spl#: 233739 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

415-381-1741 GC 03/31

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY
Received: March 23, 1999

Project#: 990103

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-8.0**
Spl#: 233739
Sampled: March 23, 1999

Matrix: SOIL
Run#: 18020

Extracted: March 25, 1999
Analyzed: March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

415-381-1741 MC 03/31

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-13.0**
Spl#: 233740 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	--	1
NAPHTHALENE	N.D.	0.10	N.D.	95.0	1
4-CHLOROANILINE	N.D.	0.10	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.20	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	N.D.	--	1
2-METHYLNAPHTHALENE	N.D.	0.20	N.D.	60.0	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.10	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
2,4-DINITROPHENOL	N.D.	0.10	N.D.	61.4	1
4-NITROPHENOL	N.D.	0.50	N.D.	--	1
DIBENZOFURAN	N.D.	0.50	N.D.	20.3	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	--	1
2,6-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
DIETHYL PHTHALATE	N.D.	0.20	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.50	N.D.	--	1
	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY
Received: March 23, 1999

Project#: 990103

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-13.0**
Spl#: 233740
Sampled: March 23, 1999

Matrix: SOIL
Run#: 18020

Extracted: March 25, 1999
Analyzed: March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

415-381-1741 cc 03/31

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL) ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL) ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY) METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY
Project#: 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-8.0**
Spl#: 233742
Sampled: March 23, 1999
Matrix: SOIL
Run#: 18020
Extracted: March 25, 1999
Analyzed: March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

415-381-1741 EC 03/31

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S101 0:0C0405 MIKELEE 13:05

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW5-8.0**
Spl#: 233739 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18032 *Analyzed:* March 25, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	90.0	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	98.4	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	81.8	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	96.1	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	93.5	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

415-381-1741 oc 03/31
1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.
Environmental Services (SDB)

March 29, 1999

Submission #: 9903328
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW5-13.0**
Spl#: 233740 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18032 *Analyzed:* March 25, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

415-381-1741 SC 03/31

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

ATTACHMENT 6

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

February 02, 1999

Bill Berry
Kelly-Moore Paint Co., Inc.
987 Commercial St.
San Carlos, CA 94070

Vern Wilirich
Firestone Tire & Rubber Co.
7857 Florence Ave., Ste 200
Downey, CA 90240

Harry Eberlin
P.O. Box 8457
San Bernadino, CA 92412

Re: The site located at 969 San Pablo Avenue, Albany, CA 94706
STID: 1272

Dear Messrs,

These Notice of Responsibility letters are being re-issued to include a new Responsible Party, who has recently purchased the property. Per the State's requirements, we are required to issue these letters to all parties responsible for investigations and mitigation of a petroleum-contaminated site.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

Cc: Files-JMS

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

Certified Mail # P 368 729 366
04/20/99

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Notice of Responsibility

StID# 1272
Firestone Store 3655
969 San Pablo Ave
Albany, CA 94706

SITE

Date First Reported 05/16/90
Substance: Waste Oil
Source : Federally Funded
MultiRPs?: Yes

Harry Eberlin
Na
9581 La Jolla Farms
La Jolla, Ca 92037

Responsible Party (RP) # 3
(list of all RP's attached)

You are hereby notified that pursuant to Section 25297.1 of the Health and Safety Code, the above site has been placed in the Local Oversight Program. The above individual(s) or entity(ies) has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 227-4349 or telephone (916) 227-4408.

Pursuant to Section 25299.37(c)(7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the site designation process.

Please contact Juliet M Shin, Senior Hazardous Materials Specialist at this office at (510) 567-6700 if you have any further questions.

Richard A. Pantages, Chief
Contract Project Director

Please Circle One **Add** **Delete** **Change**

Reason: Added R.P. #1

C: Lori Casias, SWRCB
Juliet M Shin, Senior Hazardous Materials Specialist

Report: ReImb97M 1/97

ALAMEDA COUNTY - DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

04/20/99

LIST OF RESPONSIBLE PARTIES FOR

SITE

StID: 1272
Firestone Store 3655
969 San Pablo Ave
Albany, CA 94706

Date First Reported 05/16/90
Substance: Waste Oil
Petroleum (X)Yes
Source: F

Bill Berry
Kelly-moore Paint Co. Inc.
987 Commercial St.
San Carlos, Ca 94070

Responsible Party #1
Property Owner

Vern Wilirch
Firestone Tire & Rubber Co.
7857 Florence Ave Ste 200
Downey, C A 90240

Responsible Party #2
Contact Person
Contact Company

Harry Eberlin
Na
9581 La Jolla Farms
La Jolla, Ca 92037

Responsible Party #3
Contact Person
Contact Company

P 368 729 366

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Harry Eberlin	
Street & Number: 9581 LaJolla Farms	
Post Office, State, & ZIP Code: La Jolla, CA. 92037	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 4/26/99	

PS Form 3800, April 1995

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

Certified Mail # Z 199 067 050
02/02/99

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

Notice of Responsibility

StID# 1272
Firestone Store 3655
969 San Pablo Ave
Albany, CA 94706

SITE

Date First Reported 05/16/90
Substance: Waste Oil
Source : Federally Funded
MultiRPs?: Yes

Bill Berry
Kelly-moore Paint Co. Inc.
987 Commercial St.
San Carlos, Ca 94070

Responsible Party (RP) # 3
(list of all RP's attached)

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Please contact Juliet M Shin, Senior Hazardous Materials Specialist at this office at (510) 567-6700 if you have any further questions.

Richard A. Pantages, Chief
Contract Project Director

Please Circle One **Add** **Delete** (**Change**)

Reason: Added #3 R.P.

C: Lori Casias, SWRCB
Juliet M Shin, Senior Hazardous Materials Specialist

Report: Relmb97M 1/97

Z 199 067 050

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

PS Form 3800, March 1993

Sent to	Bill Berry (Kelly-Moore)
Street and No.	987 Commercial St
P.O., State and ZIP Code	San Carlos, CA 94070
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	Feb. 23, 1999

SENDER: Richard Pantages

- Complete items 1 and/or 2 for additional services.
- Complete items 3 and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Bill Berry
Kelly-Moore Paint Co., Inc.
987 Commercial St.
San Carlos, CA 94070

4a. Article Number: Z 199 067 050

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 2-25-99

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
X [signature]

8. Addressee's Address (Only if requested and fee is paid)

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

ALAMEDA COUNTY - DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

02/02/99

LIST OF RESPONSIBLE PARTIES FOR

SITE

StID: 1272
Firestone Store 3655
969 San Pablo Ave
Albany, CA 94706

Date First Reported 05/16/90
Substance: Waste Oil
Petroleum (X)Yes
Source: F

Harry Eberlin

P O Box 8457
San Bernadino, Ca 92412

Responsible Party #1
Property Owner

Vern Wilirch
Firestone Tire & Rubber Co.
7857 Florence Ave Ste 200
Downey, C A 90240

Responsible Party #2
Contact Person
Contact Company

Bill Berry
Kelly-moore Paint Co. Inc.
987 Commercial St.
San Carlos, Ca 94070

Responsible Party #3
Contact Person
Contact Company

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

Certified Mail # Z 199 067 051
02/02/99

Notice of Responsibility

StID# 1272
Firestone Store 3655
969 San Pablo Ave
Albany, CA 94706

SITE

Date First Reported 05/16/90
Substance: Waste Oil
Source : Federally Funded
MultiRPs?: Yes

Vern Wilirch
Firestone Tire & Rubber Co.
7857 Florence Ave Ste 200
Downey, C A 90240

Responsible Party (RP) # 2
(list of all RP's attached)

You are hereby notified that pursuant to Section 25297.1 of the Health and Safety Code, the above site has been placed in the Local Oversight Program. The above individual(s) or entity(ies) has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site.

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Please contact Juliet M Shin, Senior Hazardous Materials Specialist at this office at (510) 567-6700 if you have any further questions.

Richard A. Pantages, Chief
Contract Project Director

Please Circle One Add Delete (Change)

Reason: Added #3 R.P.

C: Lori Casias, SWRCB
Juliet M Shin, Senior Hazardous Materials Specialist

Report: ReImb97M 1/97

ALAMEDA COUNTY
HEALTH CARE SERVICES AGENCY
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

4580

CERTIFIED

Z 199 067 051

MAIL

VERN WILIRCH
FIRESTONE TIRE & RUBBER CO.
7857 FLORENCE AVE., STE 200
DOWNEY, CA 90240

90240-3793 15

NOT DELIVERABLE AS ADDRESSED
Forwarding Order Expired
Moved, Left No Address
No Such Number
Insufficient Address
Refused

SENDER: ~~Richard Pantages~~ Juliet Shin STL

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Vern Wilirch
Firestone Tire & Rubber
7857 Florence Ave., #200
Downey, CA 90240

4a. Article Number
Z 199 067 051

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

6. Signature: *(Addressee or Agent)*
X

8. Addressee's Address *(Only if requested and fee is paid)*

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

COUNTY OF ALAMEDA
Assessor's Office

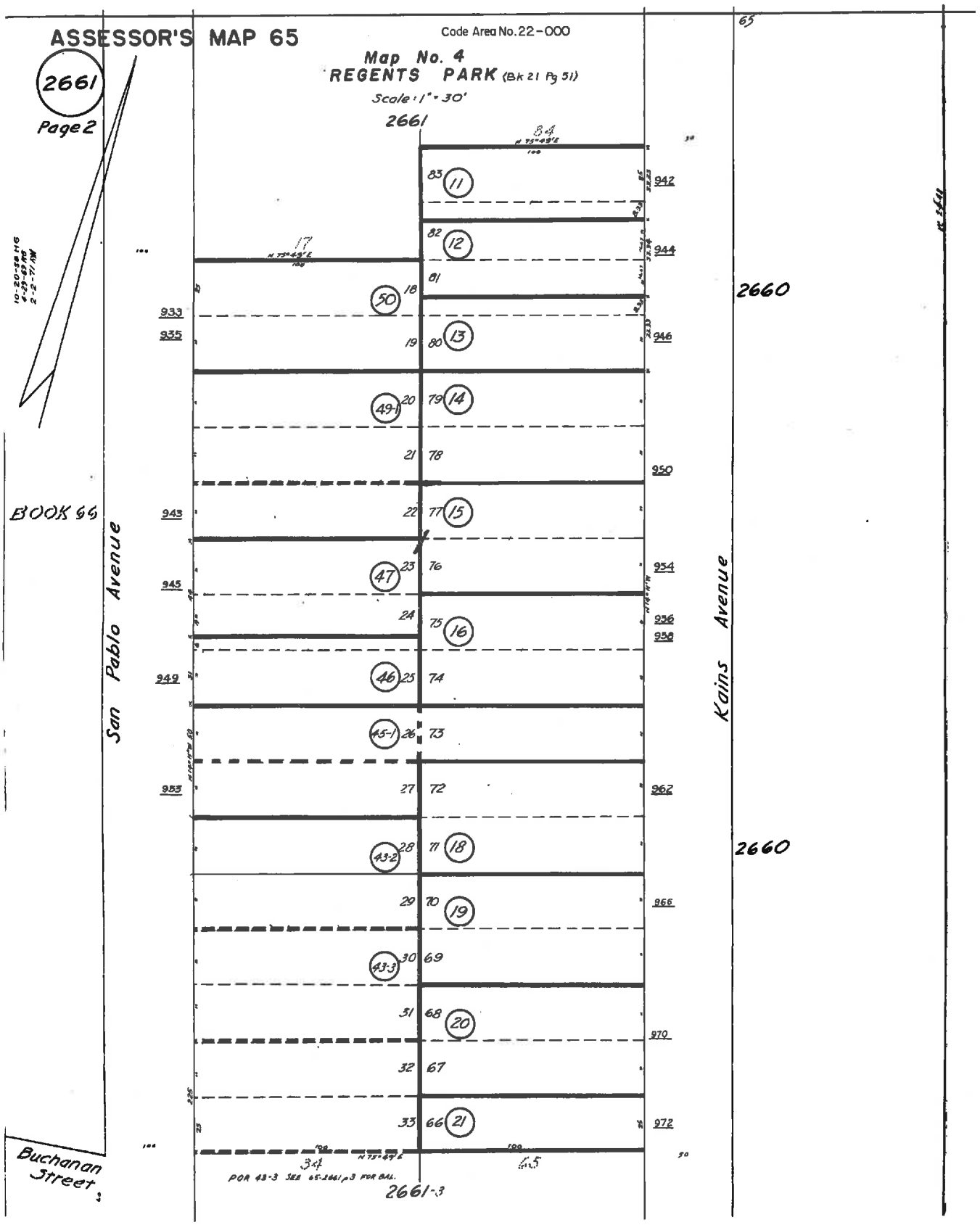
Help
New Query

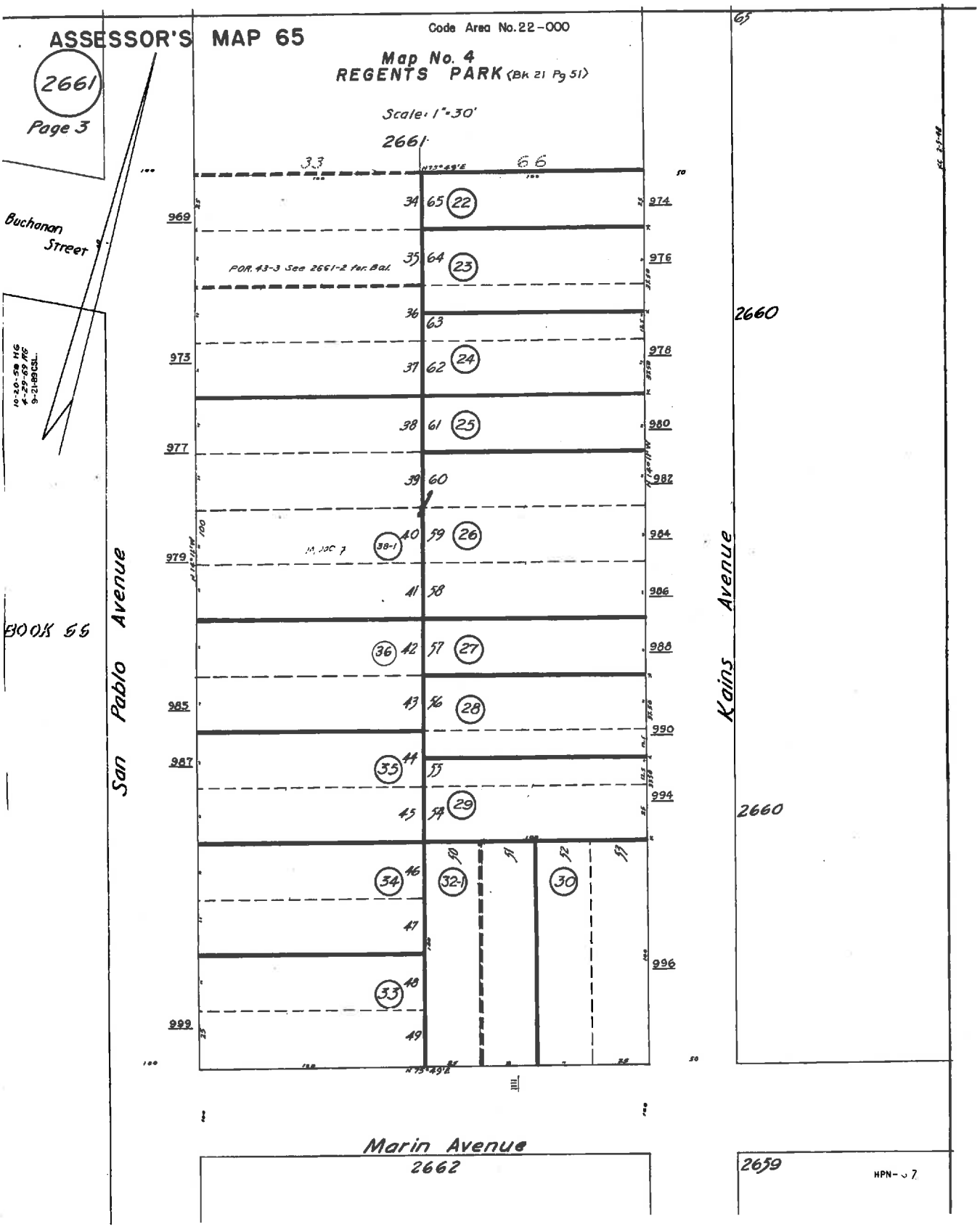
Property Value System

History | Value | Transfer | Map | Glossary

Parcel Number:**65-2661-43-3** Inactive:**N** Lien Date:**01/01/2015** Owner:**KELLY MOORE PAINT CO**
Property Address: **969 SAN PABLO AVE, ALBANY, CA 94706-2009**

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
KELLY MOORE PAINT CO	List Owners	987 COMMERCIAL ST , SAN CARLOS, CA 94070-4018	07/06/2004	2004-305484		1	3100
KELLY-MOORE PAINT COMPANY INC c/o REAL ESTATE DEPT	List Owners	987 COMMERCIAL ST , SAN CARLOS, CA 94070-4018	06/03/1998	1998-184763	$982,500	1	3100
EBERLIN HARRY P.	List Owners	PO BOX 910448 , SAN DIEGO, CA 92191-0448	05/17/1990	1990-137556		1	3100
FIRESTONE TIRE & RUBBER COMPANY c/o TAX DEPT	List Owners	1200 FIRESTONE PKWY , AKRON, OH 44317	05/05/1988	TRAN-235318		1	3100
FIRESTONE TIRE & RUBBER COMPANY c/o TAX DEPT	List Owners	1200 FIRESTONE PKWY , AKRON, OH 44317	09/07/1967	AZ-89813		1	3100





COUNTY OF ALAMEDA
Assessor's Office

HELP

Property Value System

Property Search - There are four ways to search for property information: Parcel ID Number or Property Address or Property Owner's Name or Organization Name.
Step 1: Select a search type.
Step 2: Enter required (*) search information. Enter additional information to narrow your search.
Step 3: Click the submit button.

No Records Found.

Parcel ID Number

* Parcel Number:
(Enter Parcel Number as shown on your tax bill
e.g., 123-345-67)
or
* Book Number: * Block Number:
or
* Parcel Map Number:
or
* Tract Number:

Property Address

Street Number: 973 (e.g., 1221) * Exact Match Starts With
Pre Directional: (e.g., East, West)
* Street Name: San Pablo (e.g., Main, 10th) * Exact Match Starts With
Street Type: Avenue (e.g., Street, Blvd.)
Post Directional: (e.g., East, West)
Unit Number: (e.g., 101, A)
City: Albany (e.g., Fremont, Oakland)

*** Property Owner/Organization**

* Last Name/Organization: (e.g., Jones, Global Research Inc) * Exact Match Starts With
First Name: (e.g., Elmer)
Middle Name or Initial: (e.g., G)

Submit Clear

ONLINE SERVICES

Assessor's Office | Treasurer-Tax Collector | New Query

PROPERTY ASSESSMENT INFORMATION — ASSESSOR'S OFFICE

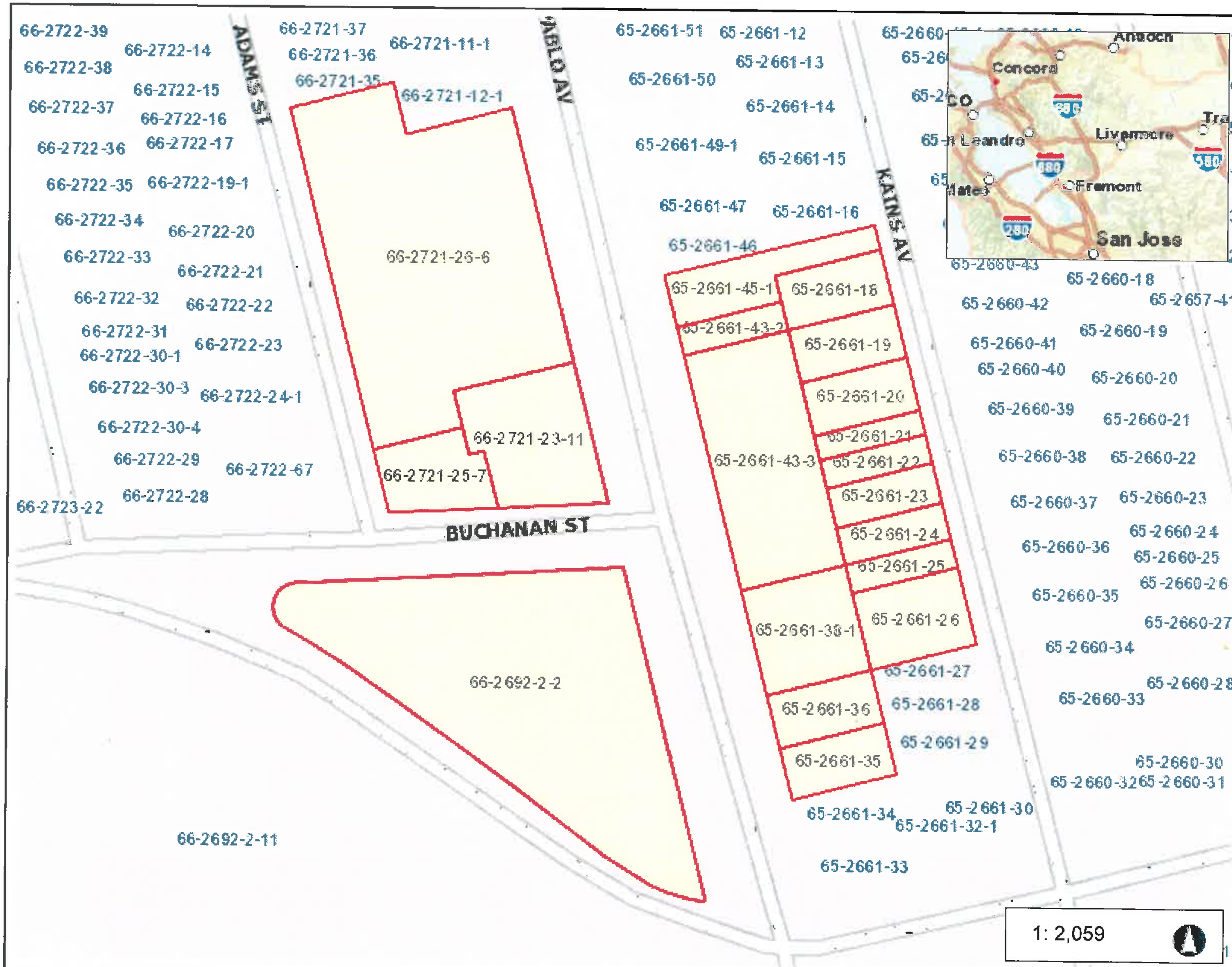
2015 - 2016 Assessment Information

Parcel Number:	65-2661-43-3
Assessor's Map: (Map image is not to scale)	Maps... Disclaimer
Use Code:	3100
Description	One story store
Land	$747,309.00
Improvements	$640,730.00
Fixtures	$18,427.00
Household Personal Property	0
Business Personal Property	$48,125.00
Total Taxable Value	$1,454,591.00
Exemptions	
Homeowner	0
Other	0
Total Net Taxable Value	$1,454,591.00

Additional Assessment Information | Property Tax Information

Adobe Acrobat Reader is required to view the maps. Click here to download.

ATTACHMENT 7



Legend

- Parcels
- < 1:2500'
- Planning Area Names
- Fire Stations
- City Hall
- Police
- Sheriff
- Post Office
- Libraries
- Hospitals
- Schools
- BART Station
- BART Tracks
- Railroads
- Freeway_Single 25k to 100
- Freeways 25k to 100
  - <all other values>
  - 1
  - 3
- Streets 0 to 10k
- Ramps 25k to 100
- Unnamed Streets
- Waterbodys
  - LakePond
  - SwampMarsh
- Bay

Notes

Notes

Title

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Parcel_APN	Name	StreetAddress	Unit	City	Zip	Zip_4
66-2721-23-11	BLANK MURIEL T & AUSMAN I	856 CARMEL AVE		ALBANY CA	94706	1812
65-2661-20	CHAN BARBARA	PO BOX 148		SAN CARLOS CA	94070	0148
65-2661-22	CHANG TERESA	832 ADAMS ST		ALBANY CA	94706	1614
66-2692-2-2	CITY OF ALBANY PUBLIC FAC	1000 SAN PABLO AVE		ALBANY CA	94706	2226
65-2661-19	HERTZER J D	35 ARDMORE RD		KENSINGTON CA	94707	1308
65-2661-18	HILLSIDE PARTNERS	P.O. BOX 528		DAIBLO CA	94528	0528
65-2661-43-3	KELLY MOORE PAINT CO	987 COMMERCIAL ST		SAN CARLOS CA	94070	4018
65-2661-26	MIR HAMID R & NONA N TRS	PO BOX 3492		OAKLAND CA	94609	0492
65-2661-24	NAVABZADEH VAHID & RAHM	978 KAINS AVE		ALBANY CA	94706	2004
65-2661-43-3	OCCUPANT	969 SAN PABLO AVE		ALBANY CA	94706	
65-2661-43-2	OCCUPANT	953 SAN PABLO AVE		ALBANY CA	94706	
65-2661-45-1	OCCUPANT	953 SAN PABLO AVE		ALBANY CA	94706	
65-2661-19	OCCUPANT	966 KAINS AVE		ALBANY CA	94706	
65-2661-18	OCCUPANT	962 KAINS AVE		ALBANY CA	94706	
65-2661-20	OCCUPANT	970 KAINS AVE		ALBANY CA	94706	
65-2661-22	OCCUPANT	974 KAINS AVE		ALBANY CA	94706	
65-2661-23	OCCUPANT	976 KAINS AVE		ALBANY CA	94706	
65-2661-38-1	OCCUPANT	979 SAN PABLO AVE		ALBANY CA	94706	
66-2721-26-6	OCCUPANT	950 SAN PABLO AVE		ALBANY CA	94706	
66-2721-23-11	OCCUPANT	990 SAN PABLO AVE		ALBANY CA	94706	
66-2721-25-7	OCCUPANT	1043 BUCHANAN ST		ALBANY CA	94706	
65-2661-26	OCCUPANT	986 KAINS AVE		ALBANY CA	94706	
65-2661-36	OCCUPANT	985 SAN PABLO AVE		ALBANY CA	94706	
65-2661-35	OCCUPANT	987 SAN PABLO AVE		ALBANY CA	94706	
66-2721-26-6	RITCHEY DEBORAH L & HASS	1029 SOLANO AVE	B	ALBANY CA	94706	1684
65-2661-23	SUN HUAINAN H & MEIHUI TR	3187 CORDOVA WAY		LAFAYETTE CA	94549	5627
65-2661-38-1	TABATABAEE HASHEM TR	1742 SOLANO AVE		BERKELEY CA	94707	2213
65-2661-36	TABATABAEE HASHEM TR	1742 SOLANO AVE		BERKELEY CA	94707	2213
65-2661-21	WONG LINDA M & LINDA M	972 KAINS AVE		ALBANY CA	94706	2004
65-2661-25	WONG MINGHIN & LIN-WONG	980 KAINS AVE		ALBANY CA	94706	2004
66-2721-25-7	WU CALVIN	901 HILLDALE AVE		BERKELEY CA	94708	1417
65-2661-43-2	Z GRAND LLC	150 GRAND AVE	201	OAKLAND CA	94612	3781
65-2661-45-1	Z GRAND LLC	150 GRAND AVE	201	OAKLAND CA	94612	3781
65-2661-35	Z RENTALS LP	2503 SAN PABLO AVE	D	PINOLE CA	94564	1385

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD	1515 CLAY STREET	SUITE 1400	OAKAND CA	94612	LAURENT MEILLIER	laurent.meillier@waterboards.ca.gov
EAST BAY MUNICIPAL UTILITY DISTRICT INDUSTRIAL DISCHARGE SECTION	P.O. BOX 24055	MS 702	OAKLAND CA	94623	1055 CHANDRA JOHANNESSON	cjohanne@ebmud.com
CITY OF ALBANY COMMUNITY DEVELOPMENT PLANNING DIVISION	1000 SAN PABLO AVENUE		ALBANY CA	94706		
CITY OF ALBANY COMMUNITY DEVELOPMEN PUBLIC WORKS DIVISION	1000 SAN PABLO AVENUE		ALBANY CA	94706		