



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

November 9, 2015

George Tuma
30 Arjang Court
Alamo, CA 94507
(sent via e-mail to:
rosetuma@comcast.net)

Faith and Ferda Tekin
121 Diamond Court
Hercules, CA 94547-1659

S.S. Bitik
121 Diamond Court
Hercules, CA 94547-1659

Alena Kojnok
2980 Thomas Grade
Morgan Hill, CA 95037

Lili Biava
AM Brookwehr 7A 26655
Westerstede, Germany

Subject: Case Closure for Fuel Leak Case No. RO0000323 and GeoTracker Global ID T0600100131, AutoPro,
5200 Telegraph, Oakland, CA 94609

Dear Ladies and Gentlemen:

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 Environmental Health (ACEH) 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 Alameda County Environmental Health 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 automotive repair facility. Site Management Requirements are further described in Additional Comments of the attached Case Closure Summary.

If you have any questions, please call Karel Detterman at (510) 567-6708. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Dilan Roe". The signature is cursive and somewhat stylized.

Dilan Roe, P.E.
LOP and SCP Program Manager

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

cc with enclosure:

Susan Hugo, Alameda County Environmental Health, (Send via e-mail to: susan.hugo@acgov.org)

Mark J. Arniola, City of Oakland Public Works, 250 Frank H. Ogawa Plaza, Suite 5301, Oakland, CA 94612
(Sent via e-mail to: marniola@oaklandnet.com)

Frank Poss, Professional Service Industries, Inc. (PSI) (Sent via e-mail to: frank.poss@psiusa.com)

Brand Burfield, Professional Service Industries, Inc. (PSI) (Sent via e-mail to: brand.burfield@psiusa.com)

Karel Detterman, ACEH, (sent via electronic mail to karel.detterman@acgov.org)

Dilan Roe, ACEH, (sent via e-mail to: dilan.roe@acgov.org)

Electronic File, GeoTracker

ALAMEDA COUNTY
**HEALTH CARE SERVICES
AGENCY**

ALEX BRISCOE, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

November 9, 2015

George Tuma
30 Arjang Court
Alamo, CA 94507
(sent via e-mail to:
rosetuma@comcast.net)

Faith and Ferda Tekin
121 Diamond Court
Hercules, CA 94547-1659

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Westerstede, Germany

Subject: Case Closure for Fuel Leak Case No. RO0000323 and GeoTracker Global ID T0600100131, AutoPro, 5200 Telegraph, Oakland, CA 94609

Dear Responsible Parties:

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,

A handwritten signature in blue ink that reads "Ronald Browder".

Ronald Browder
Acting Director

UST Case Closure Summary Form

Agency Information

Date: November 9, 2015

| | |
|--|---------------------------------------|
| Agency Name: Alameda County Environmental Health | Address: 1131 Harbor Bay Parkway |
| City/State/Zip: Alameda, CA 94502-6577 | Phone: (510) 567-6708 |
| Staff Person: Karel Detterman, P.G. | Title: Hazardous Materials Specialist |

Case Information

| | | |
|---|--|-------------------------|
| Facility Name: AutoPro | | |
| Facility Address: 5200 Telegraph, Oakland, CA 94609 | | |
| RB LUSTIS Case No: RB 01-0141 | Local Case No.: --- | LOP Case No.: RO0000323 |
| URF Filing Date: 02/11/1991 | GeoTracker Global ID: T0600100131 | |
| APN: 14-1225-17-2 | Current Land Use: Commercial (automobile smog testing station) | |
| Responsible Party(s): | Address: | Phone: |
| Tri Star Partnership c/o: George Tuma (sent via e-mail to: rosetuma@comcast.net) | 30 Arjang Court Alamo, CA 94507 | --- |
| Ondrej M. Kojnok Tri Star Partnership c/o: Alena Kojnok (sent via e-mail to: okojnok@charter.net) | 2980 Thomas Grade Morgan Hill, CA 95037 | --- |
| Fatih & Ferda Tekin | 121 Diamond Court Hercules, CA 94547 | ---- |
| Lili Biava (sent via e-mail to: lilibiava@yahoo.com) | AM Brookwehr 7A 26655 Westerstede, Germany | ---- |
| S. S. Bitik | 121 Diamond Court Hercules, CA 94547 | ---- |

Tank Information

| Tank No. | Size (gal) | Contents | Closed in-Place/ Removed/Active | Date |
|----------|------------|-----------|------------------------------------|---------------|
| 1 | 8,000 | Gasoline | Removed | December 1990 |
| 2 | 5,000 | Gasoline | Removed | December 1990 |
| 3 | 5,000 | Gasoline | Removed | December 1990 |
| 4 | 5,000 | Diesel | Removed | December 1990 |
| 5 | 1,000 | Waste Oil | Removed | December 1990 |

UST Case Closure Summary Form

Conceptual Site Model (Attachment 1, 1 page) (GeoTracker CSM Report)

Closure Criteria Met (Attachment 2, 2 pages) (GeoTracker LTCP Checklist)

LTCP Groundwater Specific Criteria (Attachment 3, 1 page)

LTCP Vapor Specific Criteria (Attachment 4, 1 page)

LTCP Direct Contact and Outdoor Air Exposure Criteria (Attachment 5, 2 pages)

Site Maps (Attachment 6, 17 pages)

Analytical Data (Attachment 7, 41 pages)

Additional Information:

Site Management Requirements:

This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Soil samples have not been collected or analyzed between depths of 0 to 5-feet below ground surface (bgs). However, under the current land use as an auto repair facility, 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. Therefore, case closure is granted for the current commercial land use as an auto repair facility.

If a change in land use to any residential, commercial other than as an auto repair facility, or conservative land use, or if any site redevelopment is planned, including any expansion and/or modification of the existing building foundation, and/or paved surface or subsurface modifications (with the exception of utility repair), Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2.

Utility repair, and/or any below grade work 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 Oakland Permit Tracking System due to the residual contamination on site.



UST Case Closure Summary Form

RWQCB Notification

Notification Date: September 9, 2014

| | |
|-----------------------------------|------------------------------|
| RWQCB Staff Name: Cherie McCaulou | Title: Engineering Geologist |
|-----------------------------------|------------------------------|

Local Agency Representative

| | |
|--|---------------------------------------|
| Prepared by: Karel Detterman, P.G. | Title: Hazardous Materials Specialist |
| Signature:  | Date: 11/9/2015 |
| Approved by: Dilan Roe, P.E. | Title: LOP and SCP Program Manager |
| Signature:  | Date: 11/9/2015 |

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 Environmental Health (ACEH) 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 ACEH website.

ATTACHMENT 1

AUTOPRO (T0600100131) - [MAP THIS SITE](#)

COMPLETED - CASE CLOSED

5200 TELEGRAPH
OAKLAND, CA 94609
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)
[PUBLIC WEBPAGE](#)

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0000323
CASEWORKER: [KAREL DETTERMAN](#) - SUPERVISOR: [DILAN ROE](#)
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0141
CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: [Cheryl L. Prowell](#)
CUF Claim #: 2959 CUF Priority Assigned: B CUF Amount Paid: [\\$267,782](#)
CR Site ID #: NOT SPECIFIED

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

THERE ARE 1 OTHER CASES ASSOCIATED WITH THIS CASE - [SHOW](#)

THIS PROJECT WAS LAST MODIFIED BY [KAREL DETTERMAN](#) ON 11/10/2015 11:00:54 AM - [HISTORY](#)

THIS SITE HAS SUBMITTALS. CLICK [HERE](#) TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

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? | REVIEW NUM | REVIEWER | FIVE YEAR REVIEW INFORMATION | | |
|----------|----------|---|---|-------------------|------------|-----------------|------------|---------------|------------------------------|-------------------|------------------|
| | | | | | | | | | FUND RECOMMENDATION | TO OVERSIGHT DATE | TO CLAIMANT DATE |
| 2959 | B | TRI STAR PARTNERSHIP 30 ARJANG CT, ALAMO CA 94507 | 5200 TELEGRAPH AVE OAKLAND, CA 94609 | \$267,782 | 22 | | 1 | | | | |
| 3447 | B | TRI STAR PARTNERSHIP 2980 THOMAS GRADE, MORGAN HILL CA 95037 | 5200 TELEGRAPH AVE OAKLAND, CA 94609 | | | | 2 | Pat G. Cullen | Recommended Case Closure | 3/8/2012 | |

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

| SITE NAME / ADDRESS | STATUS | STATUS DATE | RELEASE REPORT DATE | AGE OF CASE | CLEANUP OVERSIGHT AGENCIES |
|---|-------------------------|-------------|---------------------|-------------|---|
| AUTOPRO (Global ID: T0600100131) 5200 TELEGRAPH OAKLAND, CA 94609 | Completed - Case Closed | 11/9/2015 | 2/11/1991 | 25 | ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0000323 CASEWORKER: KAREL DETTERMAN - SUPERVISOR: DILAN ROE SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0141 CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Prowell |

STAFF NOTES (INTERNAL)
<NO STAFF NOTES ENTERED>

SITE HISTORY
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 Alameda County Environmental Health website at: <http://www.acgov.org/aceh/top/ust.htm>
The site is currently used as an auto repair facility. The site was used as a Shell Service Station from approximately 1973 to 1978, then used as an automotive service or smog test station. In 1990 five USTs (three gasoline, one diesel, and one waste oil) were removed from the site. A URF was filed on 12/19/1990. Between 1993 and 1996, soil and groundwater investigations were conducted at the site consisting of soil boring and monitoring well installations. In 1999 oxygen release compound (ORC) was introduced into MW-3 and MW-4. Three soil borings were installed on-site in 2012 to provide additional information for a Site Conceptual Model which was submitted in 2014.
There are two closed fuel leak sites located immediately down gradient of the site, Chevron #9-3864, 5101 Telegraph Avenue, Oakland (RO0000351) and Berkeley Land Company, 5100 Telegraph Avenue, Oakland (RO0000691). The groundwater contaminant plume from the site is comingled with the plumes from both RO0000351 and RO0000691. The down gradient extent of the comingled plumes are defined by investigations conducted at RO0000351 and RO0000691, which were closed May 29, 2014 and January 6, 1999, respectively.

RESPONSIBLE PARTIES

| NAME | ORGANIZATION | ADDRESS | CITY | EMAIL |
|-----------------------------------|----------------------|-----------------------|----------------------|--|
| FATIH & FERDA TEKIN & S. S. BITIK | NA | 121 Diamond Court | HERCULES | |
| GEORGE TUMA | Tri Star Partnership | 30 Arjang Court | Alamo | rosetuma@comcast.net |
| GEORGE TUMA | Tri Star Partnership | 30 Arjang Court | Alamo | rosetuma@comcast.net |
| LILI BIAVA | Unknown | AM BROOKWEHR 7A 26655 | WESTERSTEDE, GERMANY | |
| ONDREJ KOJNOK & ALENA KOJNOK | TRI STAR PARTNERSHIP | 2780 THOMAS GRADE | MORGAN HILL | |

CLEANUP ACTION INFO
NO CLEANUP ACTIONS HAVE BEEN REPORTED

| RISK INFORMATION | | VIEW LTCP CHECKLIST | VIEW PATH TO CLOSURE PLAN | VIEW CASE REVIEWS |
|------------------------------------|---|---------------------------------------|---|--------------------------------------|
| CONTAMINANTS OF CONCERN | Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating | CURRENT LAND USE Commercial | BENEFICIAL USE GW - Municipal and Domestic Supply | DISCHARGE SOURCE 2/11/1991 |
| STOP METHOD | Other Means | NEARBY / IMPACTED WELLS | 0 | |
| FREE PRODUCT | NO | NAME OF WATER SYSTEM | LAST REGULATORY ACTIVITY | LAST ESI UPLOAD |
| OTHER CONSTITUENTS | NO | East Bay Municipal Utility District | 11/4/2015 | 11/4/2015 |
| EXPECTED CLOSURE DATE | | LAST EDF UPLOAD | 2/20/2014 | |
| MOST RECENT CLOSURE REQUEST | 6/20/2014 | | | |

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

| APN | GW BASIN NAME | WATERSHED NAME |
|---------------|---|---------------------------------|
| 014 122501702 | Santa Clara Valley - East Bay Plain (2-9.04) | Bay Bridges - Berkeley (203.30) |
| COUNTY | PUBLIC WATER SYSTEM(S) | |
| Alameda | EAST BAY MUD - 375 ELEVENTH STREET, OAKLAND, CA 94607 | |

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - [HIDE](#)

| FIELD PT NAME | DATE | TPHs | BENZENE | TOLUENE | ETHYL-BENZENE | XYLENES | MTBE | TBA |
|---------------|----------|-------|----------|----------|---------------|---------|------|-----|
| B-1 | 5/9/2012 | OTHER | ND | ND | ND | OTHER | ND | ND |
| B-2 | 5/9/2012 | OTHER | ND | 1.5 UG/L | 2.2 UG/L | OTHER | ND | ND |
| B-3 | 5/9/2012 | OTHER | 120 UG/L | 22 UG/L | 20 UG/L | OTHER | ND | ND |
| MW-1 | 2/7/2014 | OTHER | ND | ND | ND | OTHER | ND | ND |
| MW-2 | 2/7/2014 | OTHER | ND | ND | ND | OTHER | ND | ND |
| MW-3 | 2/7/2014 | OTHER | ND | ND | 1.8 UG/L | OTHER | ND | ND |
| MW-4 | 2/7/2014 | OTHER | ND | ND | ND | OTHER | ND | ND |

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - [HIDE](#)

| FIELD PT NAME | DATE | TPHs | BENZENE | TOLUENE | ETHYL-BENZENE | XYLENES | MTBE | TBA |
|---------------|----------|-----------|---------|---------|---------------|---------|------|-----|
| B-1 | 5/8/2012 | ND | ND | ND | ND | ND | ND | ND |
| B-2 | 5/8/2012 | ND | ND | ND | ND | ND | ND | ND |
| B-3 | 5/8/2012 | 6.6 UG/KG | ND | ND | 7 UG/KG | ND | ND | ND |

MOST RECENT GEO_WELL DATA - [HIDE](#)

| FIELD PT NAME | DATE | DEPTH TO WATER (FT) | SHEEN | DEPTH TO FREE PRODUCT (FT) |
|---------------|----------|---------------------|-------|----------------------------|
| MW-1 | 2/7/2014 | 13.12 | N | |
| MW-2 | 2/7/2014 | 12.41 | N | |
| MW-3 | 2/7/2014 | 11.63 | N | |
| MW-4 | 2/7/2014 | 12.06 | N | |

ATTACHMENT 2

AUTOPRO (T0600100131) - [MAP THIS SITE](#)

COMPLETED - CASE CLOSED

5200 TELEGRAPH
OAKLAND, CA 94609
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)
[PUBLIC WEBPAGE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0000323
CASEWORKER: [KAREL DETTERMAN](#) - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0141
CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: Cheryl L. Prowell

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CUF Claim #: 2959 CUF Priority Assigned: B CUF Amount Paid: [\\$267,782](#)

CR Site ID #: NOT SPECIFIED

THERE ARE 1 OTHER CASES ASSOCIATED WITH THIS CASE - [SHOW](#)

THIS PROJECT WAS LAST MODIFIED BY [KAREL DETTERMAN](#) ON 11/10/2015 11:00:54 AM - [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 11/9/2015** *CHECKLIST INITIATED ON 11/30/2012* [CLOSURE POLICY HISTORY](#)

General Criteria - The site satisfies the policy general criteria - [CLEAR SECTION ANSWERS](#)

YES

a. Is the unauthorized release located within the service area of a public water system?

Name of Water System :
East Bay Municipal Utility District

YES NO

b. The unauthorized release consists only of petroleum ([info](#)).

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

1.5 - The regulatory agency determines, based on an analysis of site specific conditions, that the site under current and reasonably anticipated near-term 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.

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](#)

NO

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

ADDITIONAL QUESTIONS - Please indicate only those conditions that do not meet the policy criteria:

Soil Gas Samples :

No Soil Gas Samples Taken Incorrectly

Exposure Type :

Residential Commercial

Free Product :

In Groundwater In Soil Unknown

TPH in the Bioattenuation Zone :

≥ 100 mg/kg Unknown Soil samples not taken at two depths within 5 ft. zone (only for Scenario 4 with BioZone)

Bioattenuation Zone Thickness :

< 5 Feet (No BioZone) ≥ 5 Feet and < 10 Feet ≥ 10 Feet and < 30 Feet ≥ 30 Feet 30ft BioZone Compromised TPH > 100 mg/kg Unknown

O2 Data in Bioattenuation Zone :

No O₂ Data O₂ $< 4\%$ O₂ $\geq 4\%$

Benzene in Groundwater :

≥ 100 μ g/l and $< 1,000$ μ g/l $\geq 1,000$ μ g/l Unknown

Soil Gas Benzene :

≥ 85 μ g/m³ and < 280 μ g/m³ ≥ 280 μ g/m³ and $< 85,000$ μ g/m³ $\geq 85,000$ μ g/m³ and $< 280,000$ μ g/m³ $\geq 280,000$ μ g/m³ Unknown

Soil Gas EthylBenzene :

$\geq 1,100$ μ g/m³ and $< 3,600$ μ g/m³ $\geq 3,600$ μ g/m³ and $< 1,100,000$ μ g/m³ $\geq 1,100,000$ μ g/m³ and $< 3,600,000$ μ g/m³ $\geq 3,600,000$ μ g/m³ Unknown

Soil Gas Naphthalene :

≥ 93 μ g/m³ and < 310 μ g/m³ ≥ 310 μ g/m³ and $< 93,000$ μ g/m³ $\geq 93,000$ μ g/m³ and $< 310,000$ μ g/m³ $\geq 310,000$ μ g/m³ Unknown

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](#)

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

3.3 - The regulatory agency has determined the concentration of petroleum constituents in soil will have no significant risk or adversely affect human health. YES NO

Additional Information

Should this case be closed in spite of NOT meeting policy criteria?

Explain:

This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Soil samples have not been collected or analyzed between depths of 0 to 5-feet below ground surface (bgs). However, under the current land use as an auto repair facility, 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. Therefore, case closure is granted for the current commercial land use as an auto repair facility.

If a change in land use to any residential, commercial other than as an auto repair facility, or conservative land use, or if any site redevelopment is planned, including any expansion and/or modification of the existing building foundation, and/or paved surface or subsurface modifications (with the exception of utility repair), Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2.

Utility repair, and/or any below grade work 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.

YES NO

Has this LTCP Checklist been updated for FY 15/16? YES NO

[SPELL CHECK](#)

ATTACHMENT 3

**ATTACHMENT 3
LTCP GROUNDWATER SPECIFIC CRITERIA**

LTCP Groundwater Specific Scenario under which case was closed: Scenario 5

| Site Data | | LTCP Scenario 1 Criteria | LTCP Scenario 2 Criteria | LTCP Scenario 3 Criteria | LTCP Scenario 4 Criteria |
|--|--|--------------------------|--------------------------|---|--------------------------|
| Plume Length | <550 feet | <100 feet | <250 feet | <250 feet | <1,000 feet |
| Free Product | Removed to maximum extent practicable by over-excavation | No free product | No free product | Removed to maximum extent practicable | No free product |
| Plume Stable or Decreasing | Stable to Decreasing with seasonal fluctuations | Stable or decreasing | Stable or decreasing | Stable or decreasing for minimum of 5 Years | Stable or decreasing |
| Distance to Nearest Water Supply Well | 500 feet upgradient and > 1,000 feet cross-gradient | >250 feet | >1,000 feet | >1,000 feet | >1,000 feet |
| Distance to Nearest Surface Water and Direction | < 80 feet in the cross-gradient direction; concrete-lined Temescal Creek is located less than 80 feet southeast cross gradient to site | >250 feet | >1,000 feet | >1,000 feet | >1,000 feet |
| Property Owner Willing to Accept a Land Use Restriction? | ---- | Not applicable | Not applicable | Yes | Not applicable |

GROUNDWATER CONCENTRATIONS

| Constituent | Historic Site Maximum micrograms per liter (µg/L) | Current Site Maximum (µg/L) | LTCP Scenario 1 Criteria (µg/L) | LTCP Scenario 2 Criteria (µg/L) | LTCP Scenario 3 Criteria (µg/L) | LTCP Scenario 4 Criteria (µg/L) |
|-------------|---|-----------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Benzene | 150 | <0.5 | No criteria | <3,000 | No criteria | <1,000 |
| MTBE | 720 | <1.0 | No criteria | <1,000 | No criteria | <1,000 |

Scenario 5: If the site does not meet scenarios 1 through 4, has 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?

The concrete-lined Temescal Creek is approximately 80 feet east and cross gradient of the site. Because of its cross gradient location and concrete-lining, Temescal Creek does not appear to be a receptor. Therefore, case closure under Scenario 5 appears appropriate.

ATTACHMENT 4

**ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA**

**LTCP Vapor Specific Scenario under which case was closed:
This case should be closed in spite of not meeting the vapor specific media criteria.**

Active as of: Not applicable

| Site Data | | LTCP Scenario 1 Criteria | LTCP Scenario 2 Criteria | LTCP Scenario 3A Criteria | LTCP Scenario 3B Criteria | LTCP Scenario 3C Criteria | LTCP Scenario 4 Criteria |
|--|--|--------------------------|--------------------------|---------------------------------|---------------------------|---------------------------|--------------------------|
| Unweathered LNAPL | No LNAPL | LNAPL in groundwater | LNAPL in soil | No LNAPL | No LNAPL | No LNAPL | No criteria |
| Thickness of Bioattenuation Zone Beneath Foundation | ≥5 feet | ≥30 feet | ≥30 feet | ≥5 feet | ≥10 feet | ≥5 feet | ≥5 feet |
| Total TPH in Soil in Bioattenuation Zone | ---- (0-5 feet) >100 mg/kg (5-10 feet) | <100 mg/kg | <100 mg/kg | <100 mg/kg | <100 mg/kg | <100 mg/kg | <100 mg/kg |
| Maximum Current Benzene Concentration in Groundwater | <0.5 | No criteria | No criteria | <100 µg/L | ≥100 and <1,000 µg/L | <1,000 µg/L | No criteria |
| Oxygen Data within Bioattenuation Zone | No oxygen data | No criteria | No criteria | No oxygen data or <4% | No oxygen data or <4% | ≥4% at lower end of zone | ≥4% at lower end of zone |
| Depth of soil vapor measurement beneath foundation | ---- | No criteria | No criteria | No criteria | No criteria | No criteria | ≥5 feet |

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

| Site Soil Vapor Data | | | No Bioattenuation Zone | | Bioattenuation Zone | |
|----------------------|---------------------------------------|--------------------------------------|------------------------|------------|---------------------|------------|
| Constituent | Historic Maximum (µg/m ³) | Current Maximum (µg/m ³) | Residential | Commercial | Residential | Commercial |
| Benzene | ---- | ---- | <85 | <280 | <85,000 | <280,000 |
| Ethylbenzene | ---- | ---- | <1,100 | <3,600 | <1,100,000 | <3,600,000 |
| Naphthalene | ---- | ---- | <93 | <310 | <93,000 | <310,000 |

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?

If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health?

Yes

Depth to water appears to be 7 to 8 feet below ground surface (bgs) onsite. Although no shallow soil samples have been collected between 0 to 5 feet bgs to confirm whether there is a 5-foot bioattenuation zone, BTEX compounds have degraded to below levels of concern for vapor intrusion to indoor air. There is no on-site soil vapor data, but an April 2007 off-site soil vapor and grab groundwater investigation was conducted at 5239 Telegraph Avenue, located cross gradient and across Telegraph Avenue from the site (Schutze, May 2007). Results indicated the presence of elevated TPH concentrations in groundwater but vapor results indicated that intrusion to indoor air did not appear to pose a threat to human health. Soil vapor and grab groundwater samples and were collected from three soil borings. Maximum soil vapor analytical results from 5 feet bgs detected 31 micrograms per cubic meter (ug/m³) benzene (SB-3); 42 ug/m³ ethylbenzene (SB-3); 1.5 ug/m³ naphthalene (SB-3), these concentrations are less than the LTCP Vapor Specific Criteria (no bioattenuation zone).

ATTACHMENT 5

**ATTACHMENT 5
LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA**

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: This case should be closed in spite of not meeting the direct contact and outdoor air exposure specific media criteria.

Are maximum concentrations less than those in Table 1 below? ----

| 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 | ---- ¹ | <0.005 | ---- ¹ | <0.005 | <0.005 |
| LTCP Criteria | Benzene | ≤1.9 | ≤2.8 | ≤8.2 | ≤12 | ≤14 |
| Site Maximum | Ethylbenzene | ---- ¹ | <0.007 | ---- ¹ | <0.007 | <0.007 |
| LTCP Criteria | Ethylbenzene | ≤21 | ≤32 | ≤89 | ≤134 | ≤314 |
| Site Maximum | Naphthalene | ---- ¹ | 0.0086 | ---- ¹ | 0.0086 | 0.0086 |
| LTCP Criteria | Naphthalene | ≤9.7 | ≤9.7 | ≤45 | ≤45 | ≤219 |
| Site Maximum | PAHs | ---- ² | ---- ² | ---- ² | ---- ² | ---- ² |
| LTCP Criteria | PAHs | ≤0.063 | NA | ≤0.68 | NA | ≤4.5 |

If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment? ----

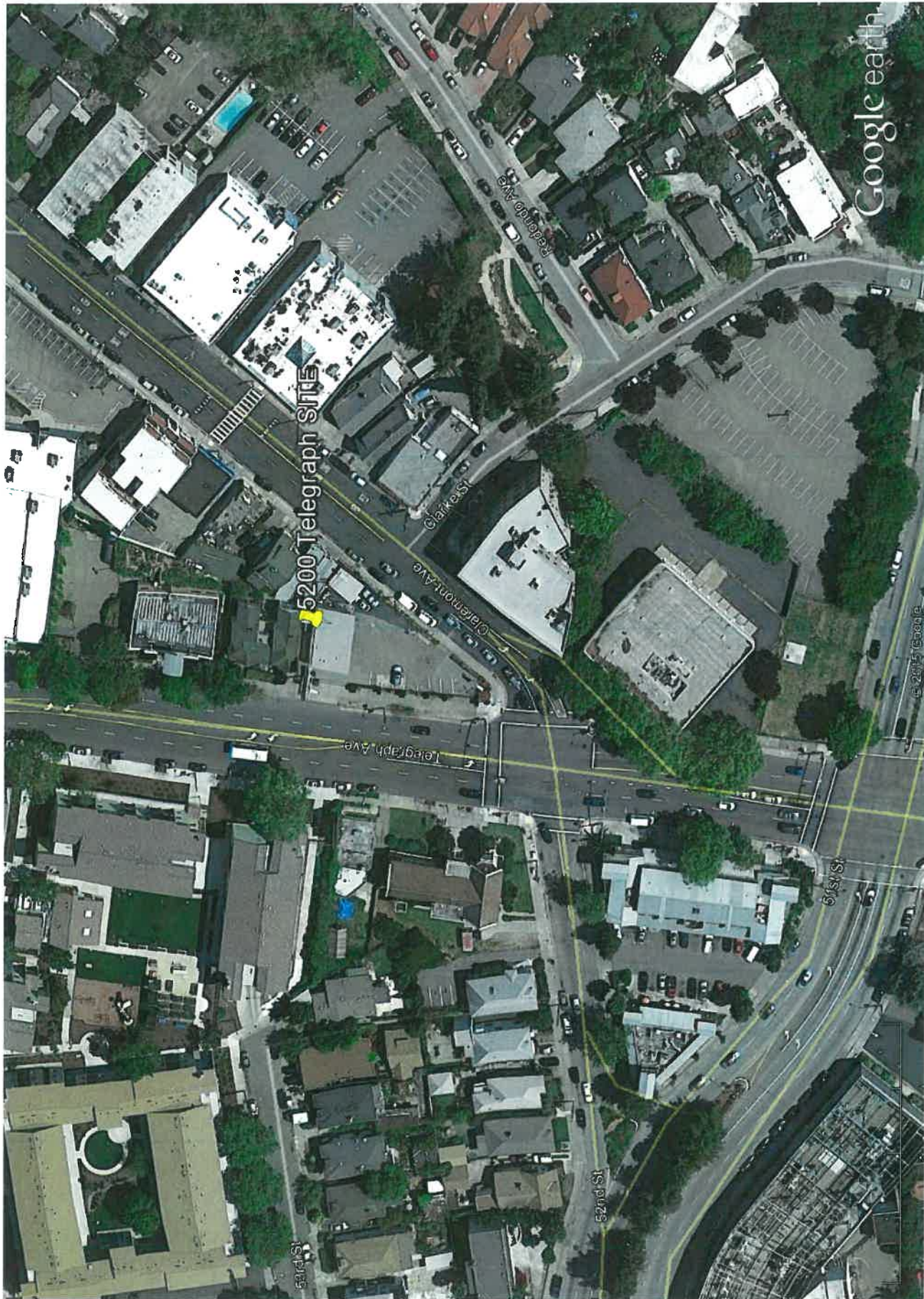
| | |
|---|---|
| <p>If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?</p> | <p>Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Soil samples have not been collected or analyzed between depths of 0 to 5-feet below ground surface (bgs). However, under the current land use as an auto repair facility, 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. Therefore, case closure is granted for the current commercial land use as an auto repair facility.</p> <p>If a change in land use to any residential, commercial other than as an auto repair facility, or conservative land use, or if any site redevelopment is planned, including any expansion and/or modification of the existing building foundation, and/or paved surface or subsurface modifications (with the exception of utility repair), Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2.</p> |
|---|---|

| | |
|--|---|
| | Utility repair, and/or any below grade work 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. |
|--|---|

¹ No soil samples were taken at depths between 0 to 5 feet bgs.

² Soil Samples were not analyzed for polyaromatic hydrocarbons (PAHs) although a waste oil UST was present at the site.

ATTACHMENT 6



feet
meters

600
200



Google earth

Image Date 4/2014



© 2015 Google
© 2015 Google

Google earth

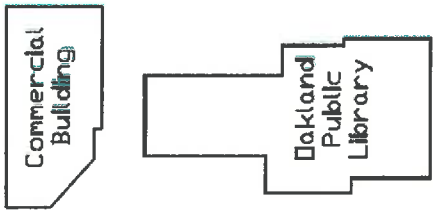
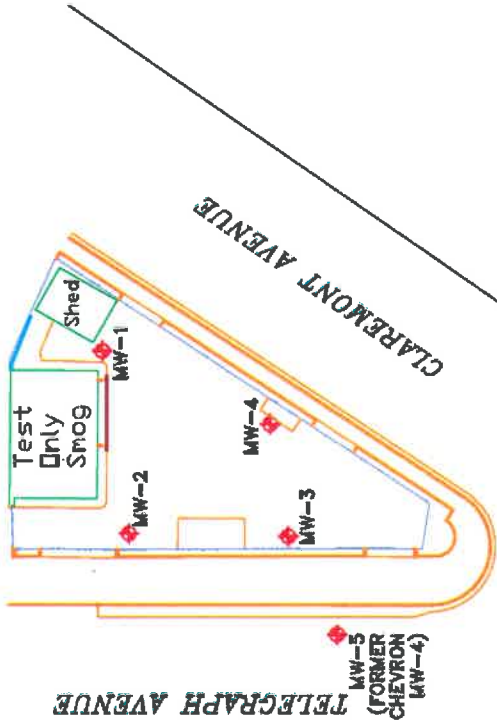
Google earth

feet
meters

10
3

Image date 10/2014




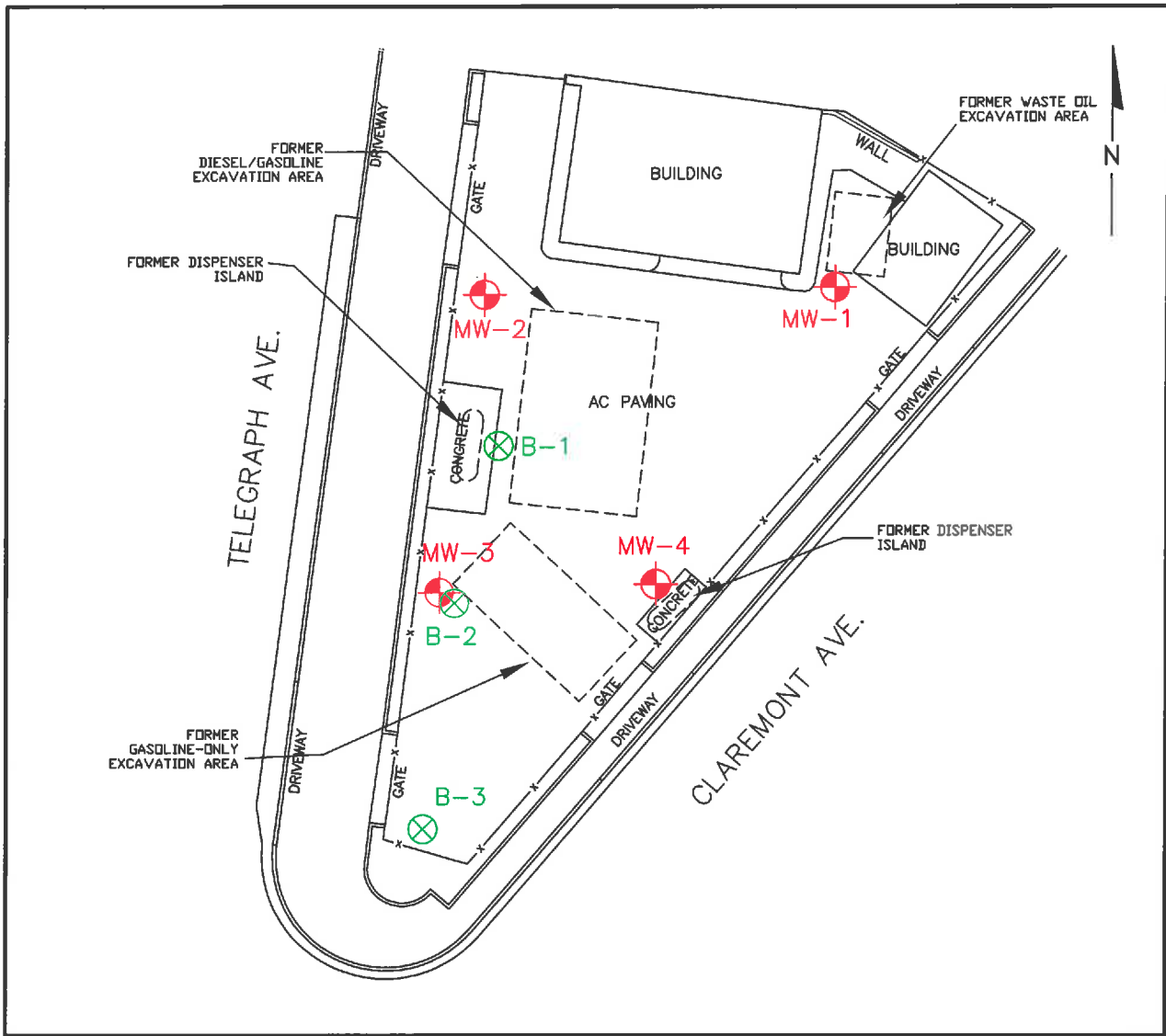


52nd STREET




51st STREET

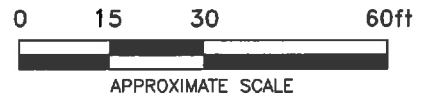


| | | | |
|--|--|---------------------------|-------------------------|
|  Information To Build On Engineering • Consulting • Testing | 4703 Tidewater Avenue, Suite B Oakland, California 94601 (510) 434-9200 | | |
| | Project Name: FORMER AUTOPRO 6208 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | Drawn By: B.B. | Date: 4/16 |
| Title: SITE PLAN AND MONITORING WELL LOCATION MAP | Approved By: F.P. | Project No.: 575-401-2 | Figure No.: 2 |




LEGEND

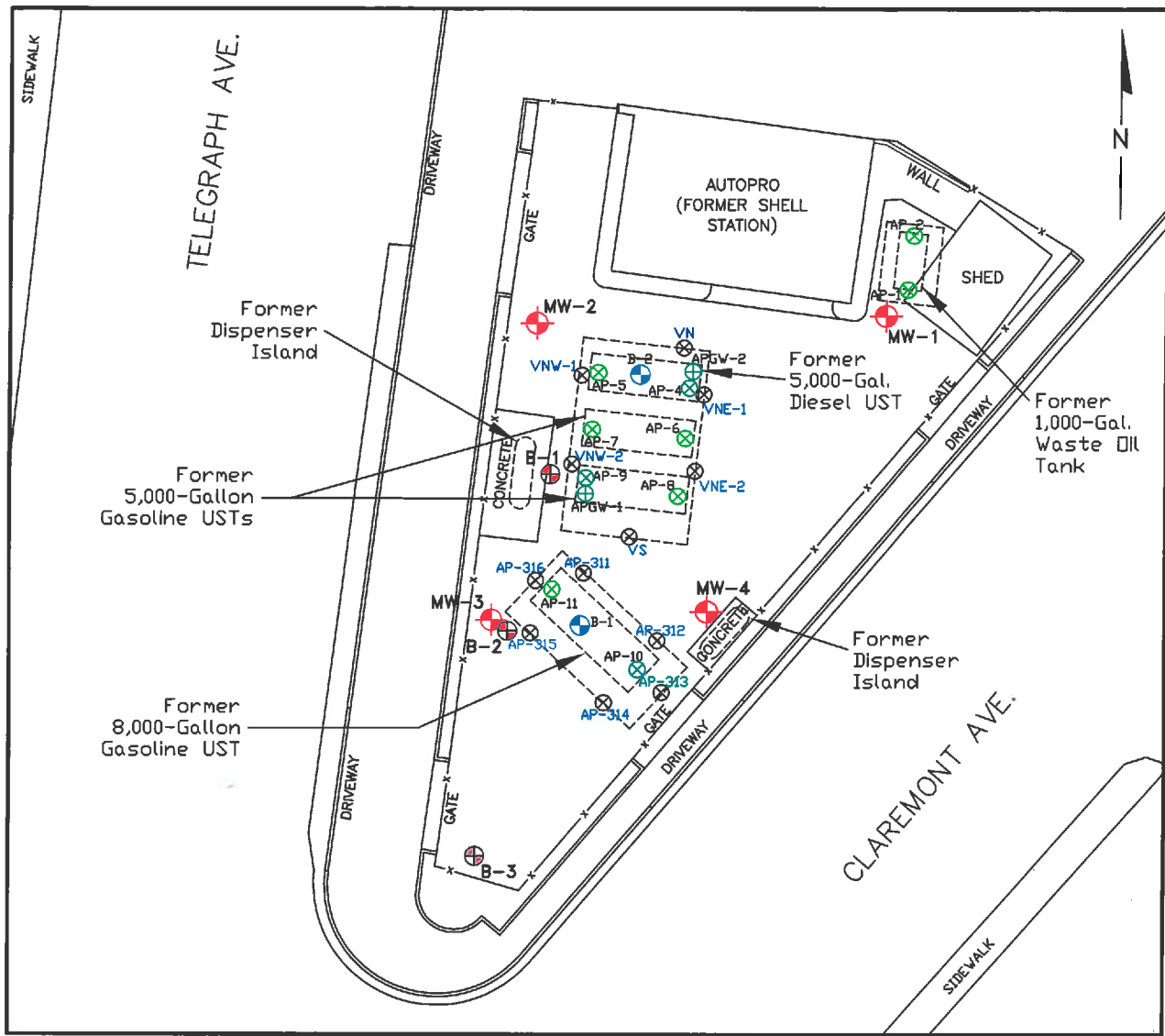
-  MW-4 - GROUNDWATER MONITORING WELL LOCATION
-  B-3 - APPROXIMATE GEOPROBE LOCATION (5-8-12)
-  - FENCE



NOTES

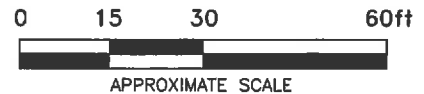
1. BASE MAP TAKEN FROM MORROW SURVEYING, DRW. NO. 6381-043, DATED MAY, 2012.

| | | | | | |
|---|--|---|----------------------------------|-----------------------------|--|
|  Information To Build On <i>Engineering • Consulting • Testing</i> | | 4703 Tidewater Avenue, Suite B Oakland, California 94601 (510) 434-9200 | | | |
| Project Name: AUTOPRO 5200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | | Drawn By: S.R. | Date: 7/12 | File No.: 401-1-2 | Figure No.: <div style="font-size: 2em; text-align: center;">2</div> |
| Title: BORING LOCATION MAP | | Approved By: B.B. | Project No.: 575-401-1 | | |



LEGEND

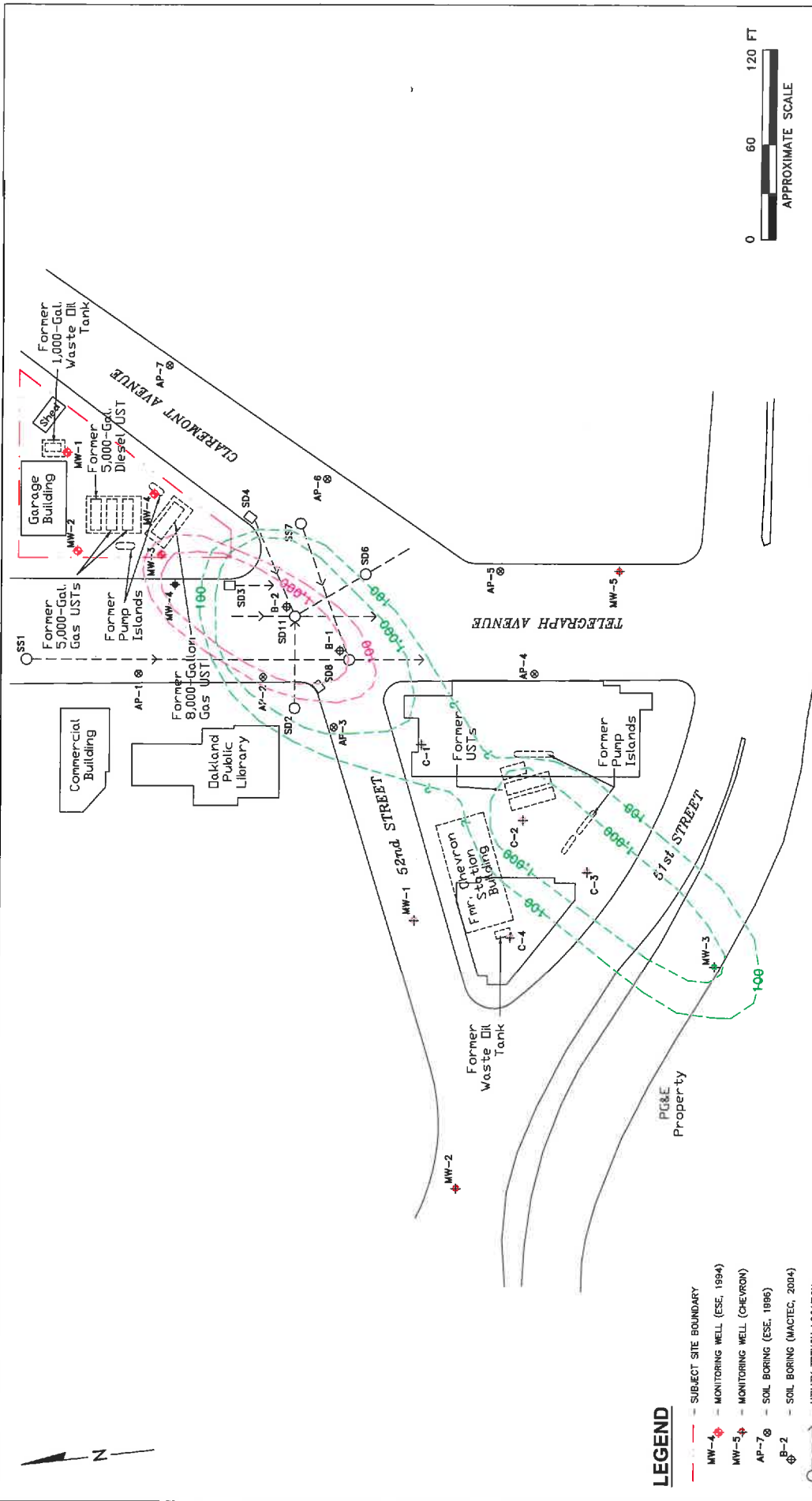
- ⊗ AP-11 - UST REMOVAL VERIFICATION SOIL SAMPLE (DEC. 1990)
- ⊕ APGW-2 - UST REMOVAL VERIFICATION GROUNDWATER SAMPLE (DEC. 1990)
- ⊗ AP-316 - OVER-EXCAVATION VERIFICATION SOIL SAMPLE (JULY AND SEPT. 1991)
- ⊕ B-2 - HYDROPUNCH GROUNDWATER SAMPLE (APRIL 1993)
- ⊕ MW-4 - GROUNDWATER MONITORING WELL (APRIL 1994)
- ⊕ B-3 - GEOPROBE BORING (MAY 2012)
- - - FENCELINE



NOTES

1. BASE MAP TAKEN FROM MORROW SURVEYING, DWG. NO. 6381-043, DATED MAY, 2012.
2. ANALYTICAL RESULTS FROM SAMPLE LOCATIONS SHOWN ON THIS FIGURE ARE PRESENTED IN TABLES 2 AND 3 OF THIS REPORT.
3. SAMPLING LOCATIONS ARE TAKEN FROM HISTORIC FIELD NOTES AND SHOULD BE CONSIDERED APPROXIMATE.

| | | | | | |
|--|--|---|--------------------------------|---------------------------|-------------------------|
| Information To Build On <i>Engineering • Consulting • Testing</i> | | 4703 Tidewater Avenue, Suite B Oakland, California 94601 (510) 434-9200 | | | |
| Project Name: FORMER AUTOPRO 5200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | | Drawn By: B.B. | Date: 3/14 | File No.: 401-4 | Figure No.: 4 |
| Title: FORMER SITE IMPROVEMENTS AND SAMPLE LOCATIONS | | Approved By: F.P. | Project No.: 575-401 | | |



LEGEND

- - - SUBJECT SITE BOUNDARY
- MW-1 - MONITORING WELL (ESE, 1994)
- MW-2 - MONITORING WELL (CHEVRON)
- AP-1 - SOIL BORING (ESE, 1996)
- B-1 - SOIL BORING (MACTEC, 2004)
- B-2 - SOIL BORING (MACTEC, 2004)
- - UTILITY TRENCH LOCATION
- - - INTERPRETED TPH-G ISO-CONCENTRATION CONTOUR (ug/l)
- - - INTERPRETED TPH-D ISO-CONCENTRATION CONTOUR (ug/l)

NOTE

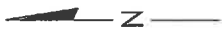
BASE MAP TAKEN FROM MACTEC, "FIGURE 2 - SITE PLAN AND UTILITY TRENCH BACKFILL BORING LOCATIONS," DATED NOVEMBER 30, 2004.

PSI
Information To Build On
Engineering - Consulting - Testing

Project Name: FORMER AUTOPRO
6500 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
Title: TPH-G AND TPH-D CONTAMINANT PLUMES IN GROUNDWATER

| | | | |
|-------------|-------------|----------|----------|
| Project No. | Date | Revision | Page No. |
| 401-7 | 3/14 | 401-7 | 7 |
| Approved By | Project No. | | |
| B.B. | 575-401 | | |

4703 Tidewater Avenue, Suite B
Oakland, California 94601
(510) 434-9200



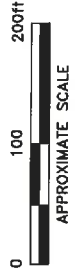
LEGEND

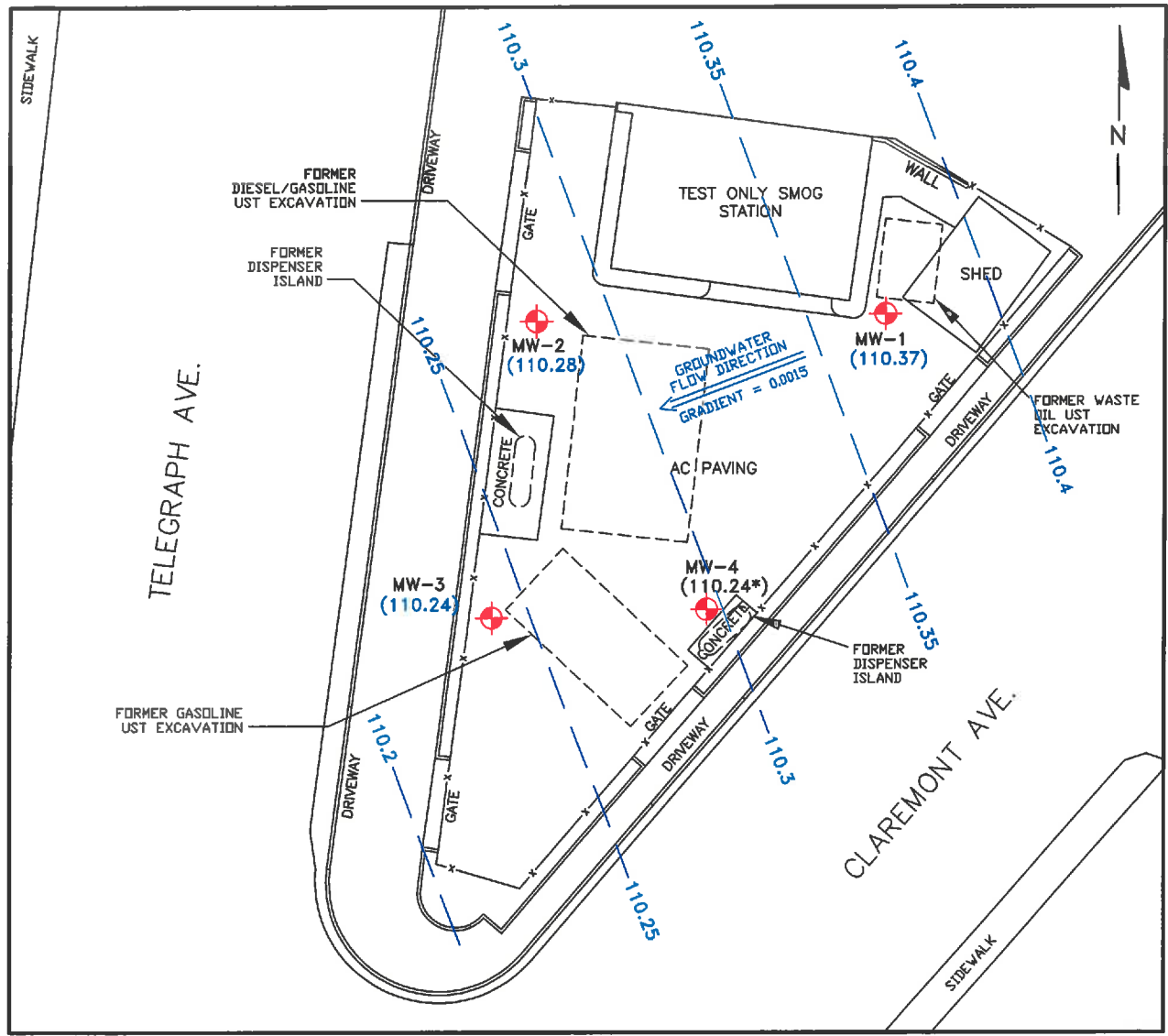
- - - SUBJECT PROPERTY BOUNDARY
- - - ZONE WITHIN APPROX 500-FEET DOWN-GRAIDENT (AND ADJACENT PROPERTIES)
- - - ESTIMATED LIMIT OF GROUNDWATER CONTAMINANT PLUMES (TPH-C AND TPH-D AT GREATER THAN THEIR RWQCB ESL)
- MW-4 APPROXIMATE MONITORING WELL LOCATION
- AREAS OF RESIDENTIAL LAND USE
- AREAS OF COMMERCIAL/INDUSTRIAL LAND USE

NOTE

BASE MAP AND LAND USE INFO. TAKEN FROM ALAMEDA CO. PARCEL MAPS AND GOOGLE MAPS PHOTOS, WITH FIELD RECONNAISSANCE PERFORMED ON JULY 21, 2011.

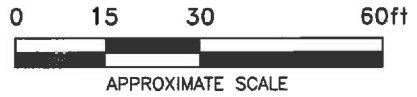
| | | | |
|---|--|--|---------|
| Information To Build On. Engineering • Consulting • Testing | | 4703 Tidelwater Avenue, Suite B Oakland, California 94601 (510) 434-9200 | |
| Project Name: | FORMER AUTOPRO 6800 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | Drawn By: | S.R. |
| Project No.: | 6800 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | Date: | 3/14 |
| Scale: | AS SHOWN | File No.: | 401-8 |
| Client: | SURROUNDING LAND USE | Project No.: | 575-401 |
| | | | 3 |





LEGEND

- MW-4 (110.24) - GROUNDWATER MONITORING WELL LOCATION (FEB. 2014 GROUNDWATER ELEVATION GIVEN IN FEET)
- 110.3 - INTERPRETED LINE OF EQUAL GROUNDWATER ELEVATION (INDICATED IN FEET)
- FENCELINE

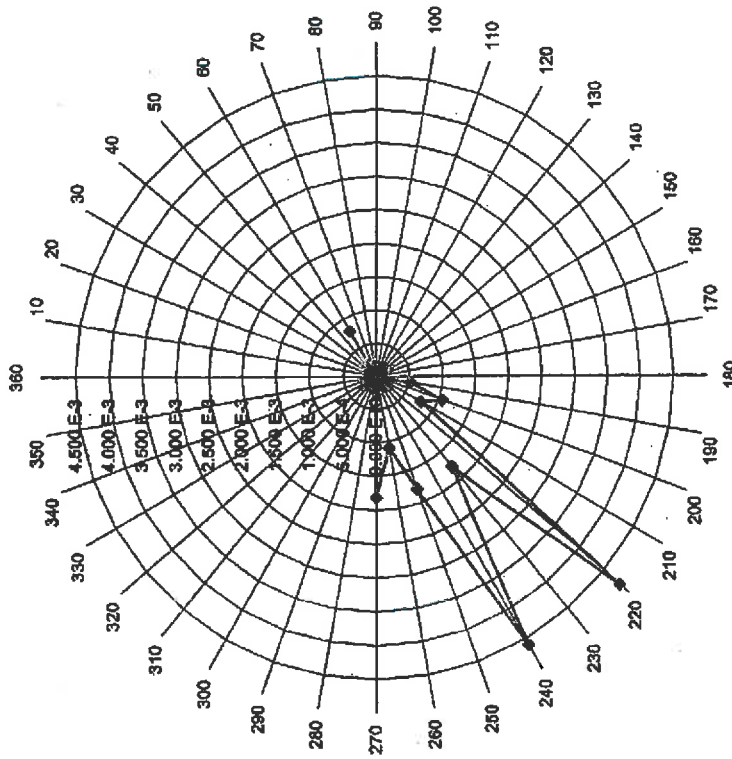


NOTES

1. BASE MAP TAKEN FROM MORROW SURVEYING, DWG. NO. 6381-043, DATED MAY, 2012.
- * MW-4 WAS NOT USED IN GRADIENT CALCULATION.

| | | | | | |
|--|--|---|--------------------------------|---------------------------|-------------------------|
| Information To Build On Engineering • Consulting • Testing | | 4703 Tidewater Avenue, Suite B Oakland, California 94601 (510) 434-9200 | | | |
| Project Name: FORMER AUTOPRO 5200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | | Drawn By: B.B. | Date: 3/14 | File No.: 401-2 | Figure No.: 2 |
| Title: SITE PLAN AND EXISTING IMPROVEMENTS | | Approved By: F.P. | Project No.: 575-401 | | |

**Autopro Facility
Water Direction Gradient
April 1994 through December 2004**



Explanation
This graph shows the gradient magnitude for each particular flow direction. Average magnitude shown when more than one event is in a particular flow direction.

PLATE
5



Engineering and Consulting, Inc.
Rose Diagram
Groundwater Direction Gradient
Autopro Facility
Oakland, California

DRAWN BY MBP
JOB NUMBER 408504.1620 01
DATE 2/05
Approved: *Q. G. A.* 2/9/05

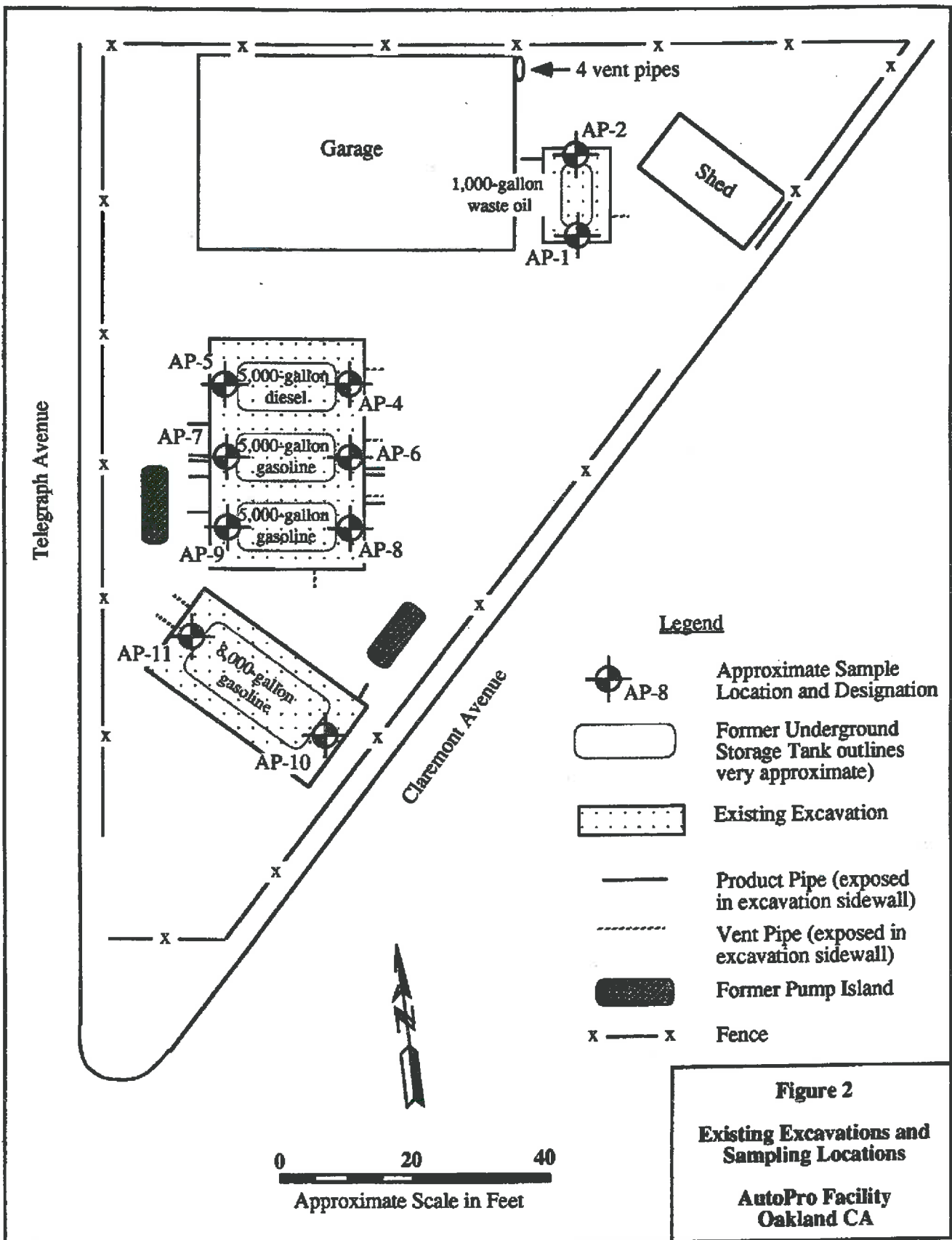
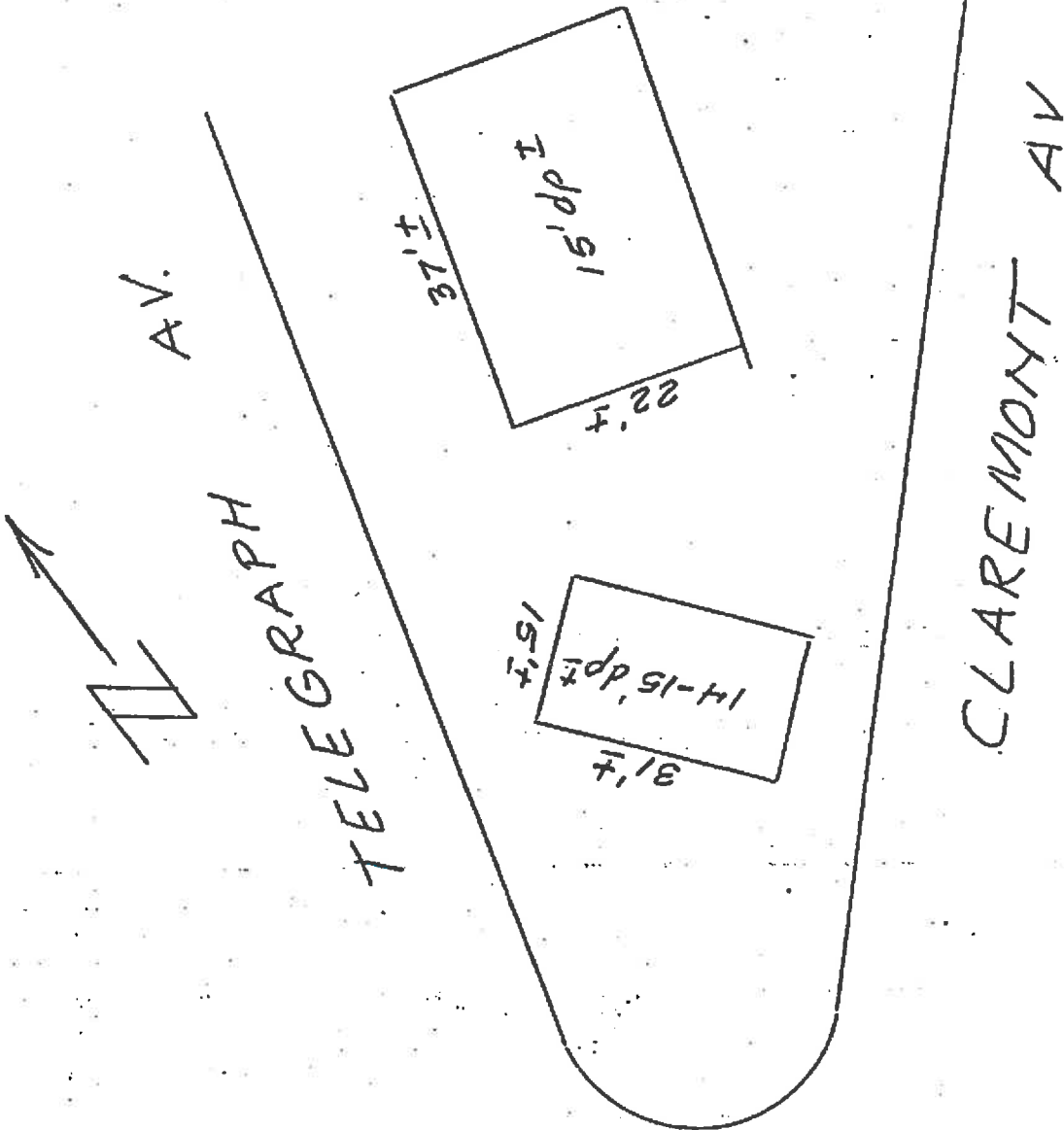


Figure 2
Existing Excavations and
Sampling Locations
AutoPro Facility
Oakland CA



5200 Telegraph Ave.
Oakland, Cal

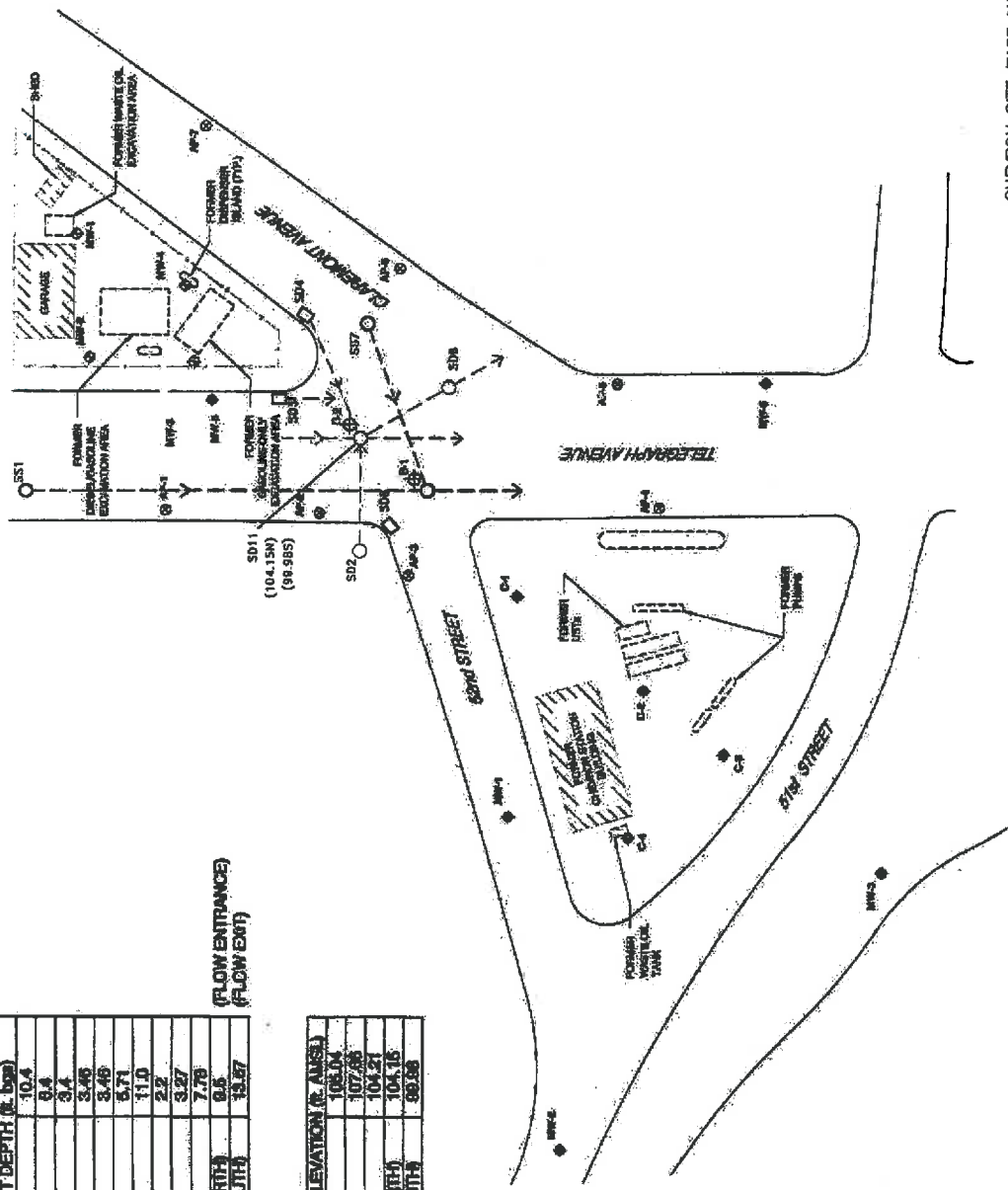
| | | |
|--|---|---|
| JOB NO. <u>64-91</u> DATE <u>24 May 91</u> PAGE <u>1</u> OF <u>1</u> | PROJECT <u>Fuel Tank Excavation</u> STEVEN A. ARNOLD Civil Engineer 1671 The Alameda Suite 305 SAN JOSE, CALIFORNIA 95126 | CALCULATED BY <u>SAA</u> CHECKED BY <u>SAA</u> SIGNED BY <u>S</u> RCE NO. <u>22301</u> |
|--|---|---|



| INVERT DEPTH (ft. bgs) | |
|------------------------|-------|
| SD1 | 10.4 |
| SD2 | 9.4 |
| SD3 | 3.4 |
| SD4 | 3.46 |
| SD5 | 3.49 |
| SD6 | 5.71 |
| SD7 | 11.0 |
| SD8 | 2.2 |
| SD9 | 3.27 |
| SD10 | 7.79 |
| SD11 (NORTH) | 9.5 |
| SD11 (SOUTH) | 13.27 |

(FLOW ENTRANCE)
(FLOW EXIT)

| INVERT ELEVATION (ft. AMSL) | |
|-----------------------------|--------|
| SD1 | 106.04 |
| SD2 | 107.68 |
| SD3 | 104.21 |
| SD11 (NORTH) | 104.15 |
| SD11 (SOUTH) | 98.98 |



LEGEND

- MW-1 ◊ GROUNDWATER MONITORING WELLS INSTALLED BY GST
- MW-1 ◈ GROUNDWATER MONITORING WELLS INSTALLED FOR CHEVRON
- AP-1 ⊗ SOIL BORING BY GST
- B2 ◊ SOIL BORING LOCATION
- STORM DRAIN
- SANITARY SEWER
- - - FENCE



CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.

Site Map and Utility Trench Backfill Boring Location
Autopro Inc.
8300 Telegraph Avenue
Oakland, California



| | |
|----------|---------------|
| DATE | PROJECT NO. |
| PH | 40804120 01 |
| ENGINEER | SCALE: 1"=50' |
| DRAWN | APPROVED |
| DATE | DATE |
| 11/29/04 | 11/29/04 |

NOTES: 1. All dimensions are in feet and inches unless otherwise noted.







Google earth

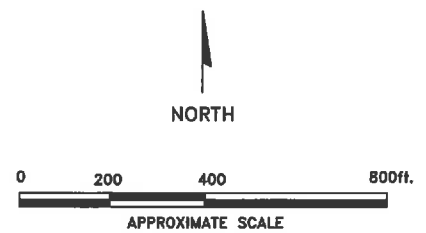
feet
meters





LEGEND

-  - SUBJECT PROPERTY
-  - 1,000 FOOT RADIUS AROUND SUBJECT PROPERTY
-  - APPROXIMATE LOCATION OF STORM DRAIN
-  - OUTFALL IS APPROX. 8,000 FT. WEST OF SITE AT THE EMERYVILLE STORM AND SANITARY SEPARATION PLANT



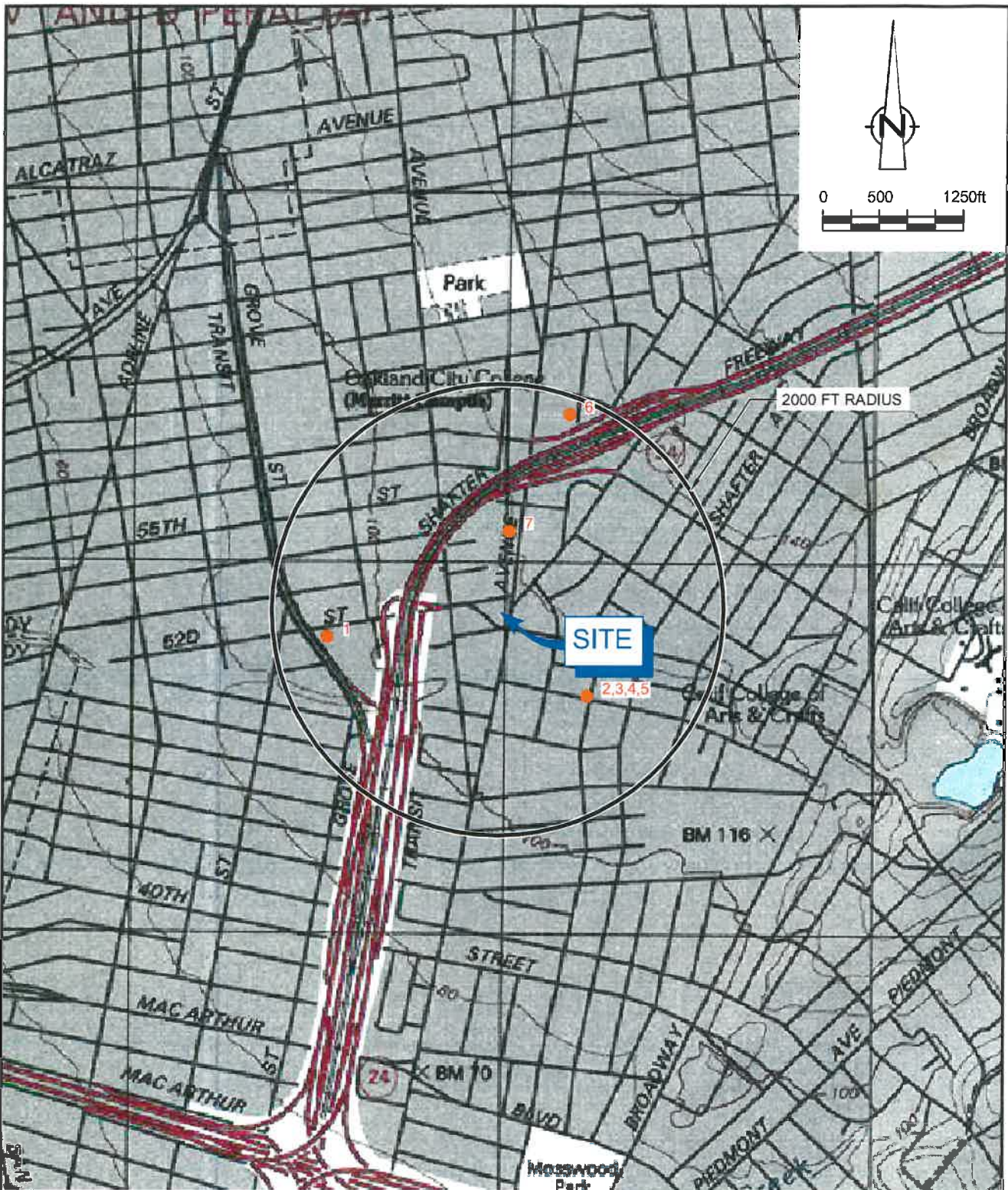
REFERENCE:

U.S.G.S. OAKLAND WEST, CALIFORNIA, 7.5 MINUTE SERIES TOPOGRAPHIC MAP, DATED 1993.

psi Information
To Build On
Engineering • Consulting • Testing

4703 Tidewater Avenue, Suite B
Oakland, California 94601
(510) 434-9200

| | | | | | |
|---|--|----------------------|---------------------------|----------------------|-------------------------|
| Project Name: FORMER AUTOPRO 5200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA | | Drawn By: R.D. | Date: 6/14 | File No.: 401-1-8 | Figure No.: 1 |
| Title: STORM DRAIN LOCATION AND OUTFALL | | Approved By: F.P. | Project No.: 575-401-1 | | |



SOURCE: TOPO! MAPS.

WELL SURVEY MAP
 FORMER CHEVRON SERVICE STATION 9-3864
 5101 TELEGRAPH AVENUE
 Oakland, California

LEGEND

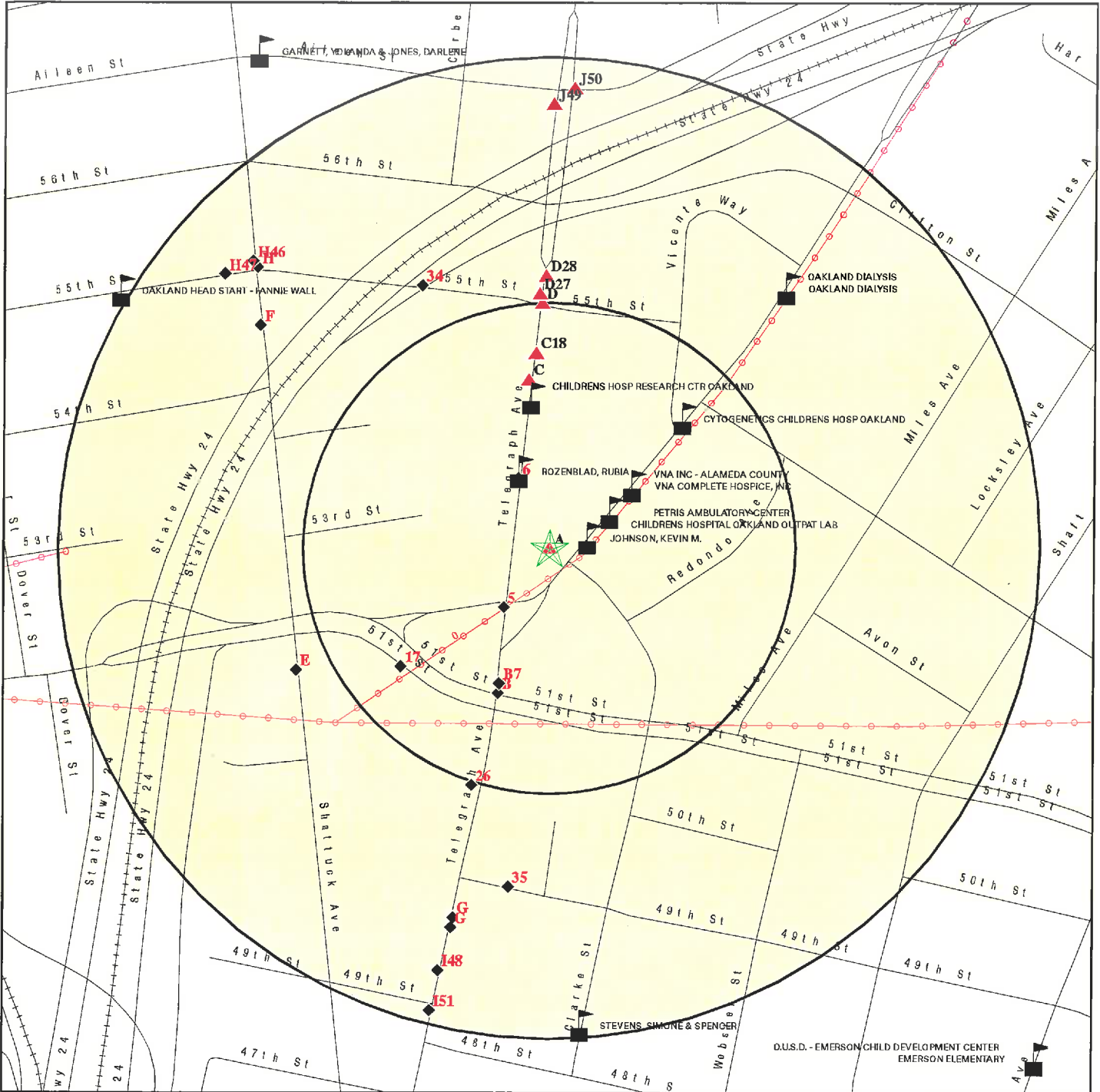
● APPROXIMATE WELL LOCATION



WELL SURVEY RESULTS
 FORMER CHEVRON STATION 9-3864
 5101 TELEGRAPH AVENUE
 OAKLAND, CALIFORNIA

| <i>Well No./ Figure ID</i> | <i>Well Owner</i> | <i>Well Address Street</i> | <i>City</i> | <i>Total Well Depth (ft)</i> | <i>Date Installed</i> | <i>Distance/Direction from Site (ft) (approx)</i> | <i>Well Use</i> |
|--------------------------------|------------------------|------------------------------------|-------------|----------------------------------|---------------------------|---|---------------------------------|
| 1 | Children's Hospital | 747 52nd Street 49th Street and | Oakland | 125 | 1/20/1992 | 1,500 W | Irrigation |
| 2 | Pacific Gas & Electric | Webster 49th Street and | Oakland | 120 | 2/19/1976 | 1,150 SE | Cathodic Protection |
| 3 | EBMUD | Webster 49th Street and | Oakland | 13 | 12/1/1997 | 1,150 SE | Cathodic Protection |
| 4 | EBMUD | Webster | Oakland | 53 | 5/1/1975 | 1,150 SE | Cathodic Protection |
| 5 | EBMUD | Webster | Oakland | 53 | 5/1/1975 | 1,150 SE | Cathodic Protection |
| 6 | Angela Delucchi | 5629 Vincente Street | Oakland | 75 | Unknown | 1,900 NE | Cathodic Protection Domestic |
| 7 | Marshall Steel Co. | 5427 Telegraph | Oakland | 40 | Unknown | 750 N | Industrial |

DETAIL MAP - 3548706.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tristar
ADDRESS: 5200 TELEGRAPH AVENUE
 Oakland CA 94609
LAT/LONG: 37.8384 / 122.2618

CLIENT: PSI, Inc.
CONTACT: Frank Poss
INQUIRY #: 3548706.1s
DATE: March 19, 2013 12:51 pm

ATTACHMENT 7

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
 Test Only SMOG Station (Former Autopro)
 5200 Telegraph Avenue, Oakland, California

| Well Number | TOC Elevation (ft msl) | Date | Depth to Groundwater (ft) | Groundwater Elevation (ft msl) |
|-------------|------------------------|----------|---------------------------|--------------------------------|
| MW-1 | 123.49 | 12/22/08 | 11.67 | 111.82 |
| | | 3/4/09 | 8.50 | 114.99 |
| | | 5/1/09 | 12.58 | 110.91 |
| | | 7/20/09 | 13.30 | 110.19 |
| | | 3/2/10 | 10.17 | 113.32 |
| | | 9/23/10 | 13.56 | 109.93 |
| | | 3/2/11 | 10.55 | 112.94 |
| | | 7/21/11 | 12.66 | 110.83 |
| | | 3/21/12 | 10.03 | 113.46 |
| | | 9/25/12 | 13.72 | 109.77 |
| | | 3/6/13 | 12.17 | 111.32 |
| | | 9/30/13 | 11.08 | 112.41 |
| 2/7/14 | 13.12 | 110.37 | | |
| MW-2 | 122.69 | 12/22/08 | 10.96 | 111.73 |
| | | 3/4/09 | 7.83 | 114.86 |
| | | 5/1/09 | 11.91 | 110.78 |
| | | 7/20/09 | 12.64 | 110.05 |
| | | 3/2/10 | 9.49 | 113.20 |
| | | 9/23/10 | 13.02 | 109.67 |
| | | 3/2/11 | 9.98 | 112.71 |
| | | 7/21/11 | 12.11 | 110.58 |
| | | 3/21/12 | 9.47 | 113.22 |
| | | 9/25/12 | 13.07 | 109.62 |
| | | 3/6/13 | 11.79 | 110.90 |
| | | 9/30/13 | 11.21 | 111.48 |
| 2/7/14 | 12.41 | 110.28 | | |
| MW-3 | 121.87 | 12/22/08 | 10.30 | 111.57 |
| | | 3/4/09 | 7.22 | 114.65 |
| | | 5/1/09 | 11.30 | 110.57 |
| | | 7/20/09 | 11.93 | 109.94 |
| | | 3/2/10 | 8.94 | 112.93 |
| | | 9/23/10 | 12.15 | 109.72 |
| | | 3/2/11 | 9.23 | 112.64 |
| | | 7/21/11 | 11.34 | 110.53 |
| | | 3/21/12 | 8.65 | 113.22 |
| | | 9/25/12 | 12.32 | 109.55 |
| | | 3/6/13 | 11.04 | 110.83 |
| | | 9/30/13 | 10.29 | 111.58 |
| 2/7/14 | 11.63 | 110.24 | | |
| MW-4 | 122.30 | 12/22/08 | 10.36 | 111.94 |
| | | 3/4/09 | 7.47 | 114.83 |
| | | 5/1/09 | 10.97 | 111.33 |
| | | 7/20/09 | 11.56 | 110.74 |
| | | 3/2/10 | 8.89 | 113.41 |
| | | 9/23/10 | 11.64 | 110.66 |
| | | 3/2/11 | 8.92 | 113.38 |
| | | 7/21/11 | 10.86 | 111.44 |
| | | 3/21/12 | 8.51 | 113.79 |
| | | 9/25/12 | 12.32 | 109.98 |
| | | 3/6/13 | 10.42 | 111.88 |
| | | 9/30/13 | 9.12 | 113.18 |
| 2/7/14 | 12.06 | 110.24 | | |

Notes:

TOC = top of casing

ft msl = feet with respect to mean sea level

All wells were re-surveyed in May, 2012. All data above corrected to reflect this survey data.

**TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA**

**Autopro Facility
5200 Telegraph Avenue
Oakland, California**

| Well ID | Date | Static Head (ft) | Depth (ft) | Total Head (ft) |
|---------|----------|------------------|------------|-----------------|
| MW-1 | 04/26/94 | 115.44 | 12.69 | 102.75 |
| | 07/20/94 | | 12.39 | 103.05 |
| | 10/21/94 | | 13.06 | 102.38 |
| | 01/18/95 | | 10.14 | 105.30 |
| | 06/26/96 | | 11.90 | 103.54 |
| | 09/24/96 | | 12.53 | 102.91 |
| | 12/11/96 | | 9.95 | 105.49 |
| | 12/12/97 | | 10.28 | 105.16 |
| | 03/23/98 | | 5.12 | 110.32 |
| | 06/16/98 | | 10.15 | 105.29 |
| | 08/25/98 | | 13.10 | 102.34 |
| | 09/30/98 | | 13.33 | 102.11 |
| | 12/15/98 | | 11.78 | 103.66 |
| | 03/22/02 | | 11.45 | 103.99 |
| | 06/28/02 | | 12.16 | 103.28 |
| | 09/06/02 | | 13.05 | 102.39 |
| | 01/06/03 | | 10.81 | 104.63 |
| | 06/23/04 | | 12.55 | 102.89 |
| | 09/22/04 | | 13.11 | 102.33 |
| | 12/29/04 | | 11.15 | 104.29 |
| MW-2 | 04/26/94 | 114.62 | 11.15 | 103.47 |
| | 07/20/94 | | 11.44 | 103.18 |
| | 10/21/94 | | 12.30 | 102.32 |
| | 01/18/95 | | 9.21 | 105.41 |
| | 06/26/96 | | 11.16 | 103.46 |
| | 09/24/96 | | 11.81 | 102.81 |
| | 12/11/96 | | 9.17 | 105.45 |
| | 12/12/97 | | 9.39 | 105.23 |
| | 03/23/98 | | 4.32 | 110.30 |
| | 06/16/98 | | 9.23 | 105.39 |
| | 08/25/98 | | 12.25 | 102.37 |
| | 09/30/98 | | 12.42 | 102.20 |
| | 12/15/98 | | 10.93 | 103.69 |
| | 03/22/02 | | 10.32 | 104.30 |
| | 06/28/02 | | 11.26 | 103.36 |
| | 09/06/02 | | 12.10 | 102.52 |
| | 01/06/03 | | 9.94 | 104.68 |
| | 06/23/04 | | 11.90 | 102.72 |
| | 09/22/04 | | 12.22 | 102.40 |
| | 12/29/04 | | 8.71 | 105.91 |
| MW-3 | 04/26/94 | 113.90 | 10.97 | 102.93 |
| | 07/20/94 | | 11.21 | 102.69 |
| | 10/21/94 | | 11.92 | 101.98 |
| | 01/18/95 | | 8.90 | 105.00 |
| | 06/26/96 | | 10.88 | 103.02 |
| | 09/24/96 | | 12.53 | 101.37 |
| | 12/11/96 | | 8.17 | 105.73 |
| | 12/12/97 | | 8.81 | 105.09 |
| | 03/23/98 | | 3.65 | 110.25 |
| | 06/16/98 | | 8.90 | 105.00 |
| | 08/25/98 | | 12.35 | 101.55 |
| | 09/30/98 | | 12.11 | 101.79 |
| | 12/15/98 | | 10.53 | 103.37 |
| | 03/22/02 | | 9.93 | 103.97 |

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Autopro Facility
5200 Telegraph Avenue
Oakland, California

| | | | | |
|-----------|----------|--------|--------|--------|
| MW-3 cont | 06/28/02 | | 10.76 | 103.14 |
| | 09/06/02 | | 11.60 | 102.30 |
| | 01/06/03 | | 9.41 | 104.49 |
| | 06/23/04 | | 11.62 | 102.28 |
| | 09/22/04 | | 11.93 | 101.97 |
| | 12/29/04 | | 8.00 | 105.90 |
| MW-4 | 04/26/94 | 114.25 | 10.97 | 103.28 |
| | 07/20/94 | | 11.16 | 103.09 |
| | 10/21/94 | | 11.68 | 102.57 |
| | 01/18/95 | | 9.02 | 105.23 |
| | 06/26/96 | | 10.77 | 103.48 |
| | 09/24/96 | | 11.51 | 102.74 |
| | 12/11/96 | | 8.85 | 105.40 |
| | 12/12/97 | | 8.95 | 105.30 |
| | 03/23/98 | | 3.49 | 110.76 |
| | 06/16/98 | | 9.05 | 105.20 |
| | 08/25/98 | | 12.05 | 102.20 |
| | 09/30/98 | | 12.22 | 102.03 |
| | 12/15/98 | | 10.68 | 103.57 |
| | 03/22/02 | | 10.23 | 104.02 |
| | 06/28/02 | | 10.99 | 103.26 |
| | 09/06/02 | | 11.90 | 102.35 |
| 01/06/03 | | 9.25 | 105.00 | |
| 06/23/04 | | 11.77 | 102.48 | |
| 09/22/04 | | 12.15 | 102.10 | |
| 12/29/04 | | 8.28 | 105.97 | |
| MW-5 | 07/18/98 | 113.06 | 10.77 | 102.29 |
| | 08/25/98 | | 11.20 | 101.86 |
| | 09/30/98 | | 11.32 | 101.74 |
| | 12/15/98 | | 9.92 | 103.14 |
| | 03/22/02 | | 9.20 | 103.86 |
| | 06/28/02 | | 10.12 | 102.94 |
| | 09/06/02 | | 11.10 | 101.96 |
| | 01/06/03 | | NA | NA |
| | 06/23/04 | | NA | NA |
| | 09/22/04 | | NA | NA |
| 12/29/04 | | NA | NA | |
| C-3 | 03/22/02 | 115.70 | 13.40 | 102.30 |
| MW-1 | 03/22/02 | 115.02 | 10.34 | 104.68 |
| MW-2 | 03/22/02 | 112.03 | 9.89 | 102.14 |
| | 06/23/04 | | 12.11 | 99.92 |
| | 09/22/04 | | 12.64 | 99.39 |
| MW-3 | 12/29/04 | | 7.26 | 104.77 |
| | 03/22/02 | 113.83 | 14.17 | 99.46 |
| | 06/23/04 | | 15.40 | 98.23 |
| MW-5 | 12/29/04 | | 13.37 | 100.26 |
| | 03/22/02 | 116.70 | 14.71 | 101.99 |

Note:

ft AMSL = feet above mean sea level.

NA - Not Available - Well head covered with asphalt

Checked

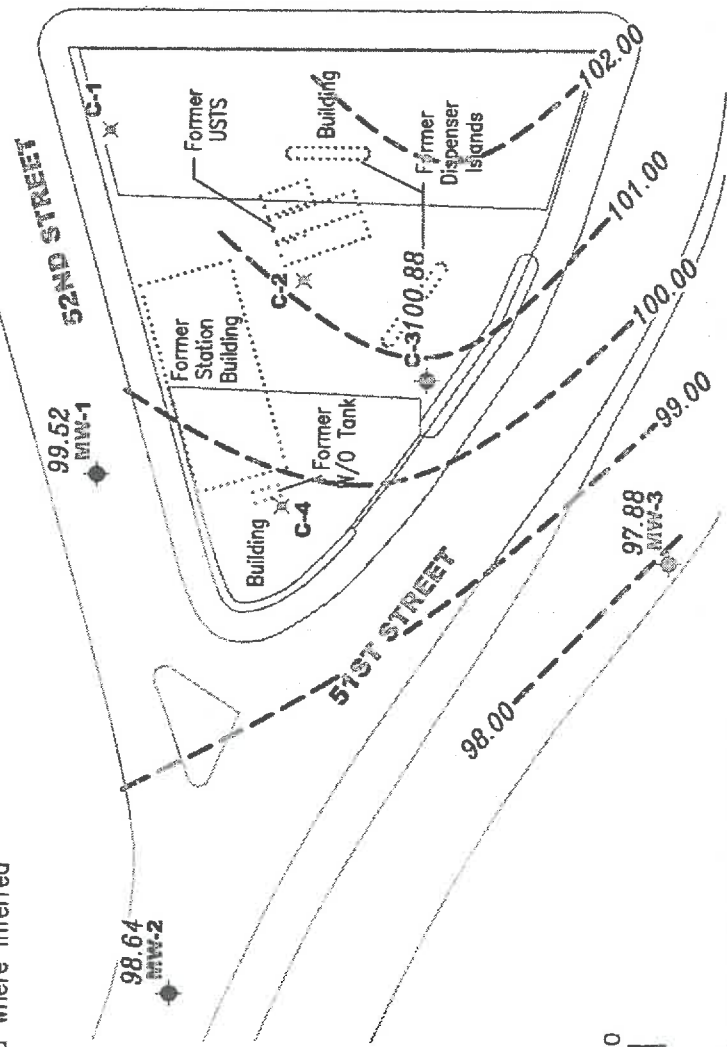
Approved

EXPLANATION

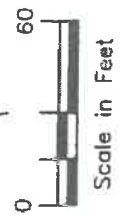
- ◆ Groundwater monitoring well
- ◆* Groundwater monitoring well, Tri-Star Partnership (Former Chevron Well)
- ✕ Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- 99.99--- Groundwater elevation contour, dashed where inferred

Discontinued from monitoring/
sampling program

MW-4
New Auto Pps MW-5
Former Chevron MW-4
Auto Pps Site



Approximate groundwater flow direction at a gradient of 0.02 to 0.04 Ft./Ft.



Source: Figure modified from drawing provided by RRM engineering contracting firm.



6747 Sierra Court, Suite J
Dublin, CA 94568
(925) 551-7555

POTENTIOMETRIC MAP
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

PROJECT NUMBER
386358

REVIEWED BY
DATE
September 13, 2011

REVISED DATE

FIGURE

1

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

| WELL ID/ DATE | TOC (ft) | GWE (ms) | DTW (ft) | TPH-CRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) |
|--|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|----------------|
| C-4 | | | | | | | | | |
| 12/06/90 | 116.10 | 98.42 | 17.68 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/18/90 | 116.10 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/06/91 | 116.10 | 99.61 | 16.49 | <50 | 1.0 | 1.0 | <0.5 | 0.7 | -- |
| 12/04/91 | 116.10 | 99.28 | 16.82 | 70 | 6.5 | 9.8 | 1.7 | 8.6 | -- |
| 06/02/92 | 116.10 | 99.18 | 16.92 | 70 | 3.0 | 4.4 | 1.8 | 9.0 | -- |
| 09/16/92 | 116.10 | 98.39 | 17.71 | <50 | 1.4 | 1.8 | <0.5 | 1.1 | -- |
| 12/21/92 | 116.10 | 100.74 | 15.36 | <50 | 0.6 | 0.7 | <0.5 | 1.5 | -- |
| 03/11/93 | 116.10 | 100.61 | 15.49 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 06/11/93 | 116.10 | 99.83 | 16.27 | 52 | 0.9 | 3.1 | 0.7 | 3.8 | -- |
| 09/13/93 | 116.10 | 98.92 | 17.18 | 64 | 0.9 | 1.0 | <0.5 | 1.7 | -- |
| 12/14/93 | 116.10 | 101.03 | 15.07 | <50 | <0.5 | 0.8 | <0.5 | 0.7 | -- |
| 03/16/94 | 116.10 | 100.19 | 15.91 | <50 | <0.5 | 1.0 | <0.5 | 0.8 | -- |
| 06/17/94 | 116.10 | 99.46 | 16.64 | 230 | 0.6 | 2.2 | 2.2 | 11 | -- |
| 08/29/94 | 116.10 | 99.05 | 17.05 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | 116.10 | 101.52 | 14.58 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/31/95 | 116.10 | 102.26 | 13.84 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | 116.10 | 100.05 | 16.05 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | 116.10 | 99.87 | 16.23 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/95 | 116.10 | 101.35 | 14.75 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/29/96 | 116.10 | 102.40 | 13.70 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/26/96 | 116.10 | 100.30 | 15.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/12/96 | 116.10 | 99.67 | 16.43 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/11/96 | 116.10 | 103.18 | 12.92 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| ABANDONED | | | | | | | | | |
| New Auto Pro MW-5 Former Chevron MW-4 | | | | | | | | | |
| 09/20/93 | 118.10 | 107.17 | 10.93 | 5,800 | 16 | 4.2 | 35 | 48 | -- |
| 12/14/93 | 118.10 | 108.33 | 9.77 | 7,100 | 19 | 6.5 | 24 | 35 | -- |
| 03/16/94 | 118.10 | 107.99 | 10.11 | 8,500 | 83 | 43 | 60 | 70 | -- |
| 06/17/94 | 118.10 | 107.20 | 10.90 | 21,000 | 150 | 20 | 140 | 350 | -- |
| 08/29/94 | 118.10 | 107.28 | 10.82 | 10,000 | 86 | 71 | 44 | 85 | -- |
| 12/06/94 | 118.10 | 108.70 | 9.40 | 13,000 | 68 | 56 | 67 | 110 | -- |
| 03/31/95 | 118.10 | 109.31 | 8.79 | 6,700 | 100 | 9.4 | 26 | 23 | -- |
| 06/24/95 | 118.10 | 107.60 | 10.50 | 6,300 | <20 | <20 | <20 | 24 | -- |
| 09/12/95 | 118.10 | 107.90 | 10.20 | 7,100 | 65 | 16 | <10 | 21 | -- |

New Auto Pro MW-5
 Former Chevron MW-4

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-3864
 5101 Telegraph Avenue
 Oakland, California

| WELL ID/ DATE | TOC (%) | GWE (ms) | DTW (ft) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) |
|-----------------------|------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|----------------|
| MW-4 (cont) | | | | | | | | | |
| 12/29/95 | 118.10 | 108.86 | 9.24 | 3.300 | <10 | <10 | 12 | 14 | 720 |
| 02/29/96 | 118.10 | 111.85 | 6.25 | 5.100 | <10 | 37 | 23 | 21 | 85 |
| 06/26/96 | 118.10 | 107.92 | 10.18 | 6.800 | <20 | <20 | <20 | <20 | <100 |
| 09/12/96 | 118.10 | 107.53 | 10.57 | 13.000 | 150 | <10 | 38 | 35 | 240 |
| 12/11/96 | 118.10 | 109.39 | 8.71 | 26.000 | <20 | <20 | <20 | 170 | <100 |
| 03/31/97 | 118.10 | 107.18 | 10.92 | 12.000 | 120 | 74 | 45 | 70 | 240 |
| 06/29/97 | 118.10 | 106.43 | 11.67 | 8.800 | 24 | <10 | 35 | 36 | 62 |
| 09/30/97 | 118.10 | 107.20 | 10.90 | 10.000 | <10 | <10 | 37 | 35 | 72 |
| 12/12/97 | 118.10 | 105.16 | 12.94 | 4.600 | 95 | 41 | 20 | 25 | 91 |
| 02/19/98 | 118.10 | 110.33 | 7.77 | 5.400 | 87 | 16 | 32 | 31 | 110 |
| 06/16/98 | 118.08 | 107.82 | 10.26 | 10.000 | <20 | <20 | 35 | 37 | 150 |
| NOT MONITORED/SAMPLED | | | | | | | | | |
| TRIP BLANK | | | | | | | | | |
| 12/06/90 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/18/90 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/06/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/04/91 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/02/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/16/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/21/92 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/11/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/11/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 09/13/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 12/14/93 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 03/16/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/17/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 08/29/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/31/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/95 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/29/96 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

TABLE 4
SUMMARY OF GROUNDWATER MONITORING RESULTS
 Test Only SMOG Station (Former Autopro)
 5200 Telegraph Avenue, Oakland, California

| Sample Number | Date | TPH-G | TPH-D | TPH-MO | Benzene | n-Butyl- benzene | sec-Butyl- benzene | tert-Butyl- benzene | Isopropyl- benzene | Ethyl- benzene | p- Isopropyl- toluene | Naph- thalene | n-Propyl- benzene | Toluene | 1,2,4- Trimethyl- benzene | 1,3,5- Trimethyl- benzene | Total Xylenes |
|---------------|----------|----------|-------|--------|---------|------------------|--------------------|---------------------|--------------------|----------------|-----------------------|---------------|-------------------|---------|---------------------------|---------------------------|---------------|
| MW-1 | 12/22/08 | 390 | 150 | <100 | <0.5 | 5.5 | 3.9 | <1.0 | 3.2 | <0.5 | <1.0 | 2.0 | 7.3 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/4/09 | 360 | 64 | <100 | <0.5 | 1.8 | 1.8 | <1.0 | 1.3 | 0.63 | <1.0 | 1.3 | 2.8 | <0.5 | <1.0 | <1.0 | 1.1 |
| | 5/1/09 | 120 | 130 | <100 | <0.5 | 1.5 | 2.0 | <1.0 | 1.3 | <0.5 | <1.0 | <1.0 | 2.8 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 7/20/09 | <50 | 110 | 330 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | 1.3 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/2/10 | <50 | <50 | <100 | <0.5 | 1.1 | 1.7 | <1.0 | 1.1 | <0.5 | <1.0 | <1.0 | 2.1 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 9/23/10 | <50 | <50 | <100 | <0.5 | <1.0 | 1.2 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.5 |
| | 3/2/11 | 57 | 110 | <100 | <0.5 | <1.0 | 3.2 | <1.0 | 2.5 | <0.5 | <1.0 | <1.0 | 4.5 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 7/21/11 | <50 | 430 | <100 | <0.5 | 2.1 | 1.8 | <1.0 | 1.7 | <0.5 | <1.0 | <1.0 | 3.9 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/21/12 | 700 | 100 | <100 | <0.5 | 2.2 | 1.9 | <1.0 | 2.1 | <0.5 | <1.0 | <1.0 | 4.3 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 9/25/12 | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.5 |
| | 3/6/13 | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | 1.1 | <0.5 | <1.0 | <1.0 | 2.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 9/30/13 | <50 | 140 | <100 | <0.5 | 2.9 | 2.7 | <1.0 | 4.5 | <0.5 | <1.0 | <1.0 | 7.3 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 2/7/14 | <13 | <16 | <13 | <0.5 | 1.4 | 1.8 | <1.0 | 2.8 | <0.5 | <1.0 | <1.0 | <1.0 | 3.5 | <0.5 | <1.0 | <1.5 |
| | MW-2 | 12/22/08 | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 |
| 3/4/09 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | 0.76 | <1.0 | 1.4 | <1.0 | <0.5 | 1.1 | <1.0 | 1.7 |
| 5/1/09 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 7/20/09 | | <50 | 59 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 3/2/10 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 9/23/10 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 3/2/11 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 7/21/11 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 3/21/12 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 9/25/12 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 3/6/13 | | <50 | <50 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 9/30/13 | | <50 | 210 | <100 | <0.5 | 2.7 | <1.0 | <1.0 | 2.2 | <0.5 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| 2/7/14 | | <13 | <16 | <13 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.5 |

| Sample Number | Date | TPH-G | TPH-D | TPH-MO | Benzene | n-Butyl-benzene | sec-Butyl-benzene | tert-Butyl-benzene | Isopropyl-benzene | Ethyl-benzene | p-Isopropyl-toluene | Naphthalene | n-Propyl-benzene | Toluene | 1,2,4-Trimethyl-benzene | 1,3,5-Trimethyl-benzene | Total Xylenes |
|---------------|----------|-------|-------|--------|---------|-----------------|-------------------|--------------------|-------------------|---------------|---------------------|-------------|------------------|---------|-------------------------|-------------------------|---------------|
| MW-3 | 12/22/08 | 3,600 | 1,400 | <100 | <0.5 | <1.0 | <1.0 | <1.0 | 39 | <0.5 | 14 | <1.0 | 60 | <0.5 | <1.0 | 23 | 9.8 |
| | 3/4/09 | 3,400 | 1,000 | <100 | 2.2 | 17 | 7.4 | <1.0 | 34 | 3.9 | 8.3 | 2.5 | 67 | 3.1 | <1.0 | 1.8 | 8.68 |
| | 5/1/09 | 2,700 | 1,700 | <100 | <0.5 | 20 | 7.2 | <1.0 | 21 | 2.2 | 7.5 | <1.0 | 44 | 1.2 | <1.0 | <1.0 | 3.9 |
| | 7/20/09 | 2,100 | 1,400 | <100 | <0.5 | 19 | 9.8 | <1.0 | 25 | 1.5 | 5.6 | 1.0 | 57 | 1.1 | <1.0 | <1.0 | 4.5 |
| | 3/2/10 | 4,500 | 1,000 | <100 | 0.8 | <1.0 | 8.8 | <1.0 | 26 | 2.1 | 6.6 | <1.0 | 58 | 2.0 | <1.0 | <1.0 | 4.1 |
| | 9/23/10 | 230 | 880 | 270 | <0.5 | 13 | 8.4 | <1.0 | 20 | 0.88 | 3.5 | <1.0 | 40 | 0.63 | <1.0 | <1.0 | 3.2 |
| | 3/2/11 | 6,900 | 1,900 | <100 | <0.5 | <1.0 | 13 | <1.0 | 38 | 2.5 | 8.4 | <1.0 | 81 | 1.1 | <1.0 | <1.0 | 7.2 |
| | 7/21/11 | 1,600 | 1,700 | 1,100 | <0.5 | 9.9 | 6.2 | <1.0 | 15 | 0.64 | 3.0 | 1.1 | 29 | <0.5 | <1.0 | <1.0 | 2.2 |
| | 3/21/12 | 2,500 | 800 | <100 | <0.5 | 18 | 8.3 | <1.0 | 33 | 1.6 | 5.2 | <1.0 | 75 | 1.0 | <1.0 | <1.0 | 4.1 |
| | 9/25/12 | 1,800 | 1,500 | <100 | 0.67 | 22 | 8.2 | <1.0 | 20 | 0.74 | 5.2 | <1.0 | 47 | 0.93 | <1.0 | <1.0 | 2.4 |
| | 3/6/13 | 610 | 790 | <100 | <0.5 | 16 | 9.6 | <1.0 | 22 | <0.5 | 5.0 | <1.0 | 47 | <0.5 | <1.0 | <1.0 | 3.4 |
| | 9/30/13 | <50 | 620 | <100 | <0.5 | 14 | 9.3 | <1.0 | 18 | <0.5 | 4.7 | <1.0 | 39 | <0.5 | <1.0 | <1.0 | 2.8 |
| | 2/7/14 | <13 | 680 | 48 | <0.5 | 14 | 9.1 | <1.0 | 22 | 1.9 | 5.7 | <1.0 | 45 | <0.5 | <1.0 | <1.0 | 4.4 |
| | 12/22/08 | 1,200 | 700 | <100 | <0.5 | 18 | 9.3 | <1.0 | 10 | <0.5 | 9.0 | <1.0 | 21 | <0.5 | <1.0 | <1.0 | <1.5 |
| MW-4 | 3/4/09 | 1,300 | 410 | <100 | <0.5 | 8.4 | 6.2 | 1.0 | 11 | 1.1 | 3.6 | 1.7 | 22 | <0.5 | <1.0 | <1.0 | 1.2 |
| | 5/1/09 | 590 | 400 | <100 | 2.6 | 6.4 | 4.8 | <1.0 | 5.8 | 9.4 | 2.1 | 21 | 13 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 7/20/09 | 440 | 260 | <100 | <0.5 | 4.4 | 3.5 | <1.0 | 3.8 | <0.5 | 1.6 | <1.0 | 7.9 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/2/10 | 860 | 370 | <100 | <0.5 | <1.0 | 4.0 | <1.0 | 4.3 | 0.57 | 2.0 | <1.0 | 7.6 | <0.5 | <1.0 | 1.9 | <1.5 |
| | 9/23/10 | <50 | 82 | <100 | <0.5 | 1.6 | 2.0 | <1.0 | 1.7 | <0.5 | <1.0 | <1.0 | 2.2 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/2/11 | <50 | 8,400 | 18,000 | <0.5 | <1.0 | 2.8 | <1.0 | 2.6 | <0.5 | 1.3 | <1.0 | 4.2 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 7/21/11 | 810 | 1,100 | 1,200 | <0.5 | 1.1 | 1.5 | <1.0 | 1.1 | <0.5 | <1.0 | <1.0 | 1.6 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/21/12 | 810 | 120 | <100 | <0.5 | 2.1 | 1.9 | <1.0 | 1.8 | <0.5 | 1.1 | <1.0 | 3.3 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 9/25/12 | <50 | 520 | <100 | <0.5 | 2.0 | 1.4 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | 1.4 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 3/6/13 | <50 | <50 | <100 | <0.5 | 1.4 | 2.4 | <1.0 | 1.3 | <0.5 | <1.0 | <1.0 | 2.0 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 9/30/13 | <50 | 83 | <100 | <0.5 | 1.4 | 2.2 | <1.0 | 1.1 | <0.5 | <1.0 | <1.0 | 1.6 | <0.5 | <1.0 | <1.0 | <1.5 |
| | 2/7/14 | <13 | <16 | <13 | <0.5 | 2.5 | 3.1 | <1.0 | 2.2 | <0.5 | 1.6 | <1.0 | 4.1 | <0.5 | <1.0 | <1.0 | <1.5 |

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil

All VOCs not listed were below their laboratory reporting limit.

TPH-D = Total Petroleum Hydrocarbons as Diesel

The units for all presented values are µg/L = Micrograms per liter

< = The "less than" symbol indicates not detected above the laboratory limit shown.

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL DATA
Autopro Facility
5200 Telegraph Avenue
Oakland, California

| | | | | | | | | | | | | | | |
|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|
| MW-1 | 04/26/94 | <50 | 1,400 | <0.50 | <0.50 | 4.5 | 2.1 | - | <0.50 | 0.001 | <0.05 | <0.005 | 0.120 | <0.10 |
| | 07/20/94 | 100 | 1,200 | 18 | 2.5 | 2.4 | 1.6 | - | - | <0.010 | 0.220 | 0.044 | 0.360 | 0.350 |
| | 10/21/94 | 130 | - | 8.4 | 1.1 | 0.90 | 1.8 | - | - | <0.010 | <0.010 | <0.020 | 0.041 | 0.077 |
| | 01/18/95 | 240 | - | 8.5 | 2.1 | 1.3 | 2.3 | - | - | <0.010 | 0.026 | <0.020 | 0.024 | 0.067 |
| | 06/28/96 | 56 | <250 | <0.50 | 0.92 | 0.54 | <0.50 | <5.0 | - | - | - | - | - | - |
| | 09/24/96 | 150 | <250 | 3.7 | 0.8 | 0.81 | 0.63 | 6.5 | - | - | - | - | - | - |
| | 12/11/96 | 300 | <250 | <0.50 | 0.8 | 0.82 | 0.9 | <5.0 | - | - | - | - | - | - |
| | 12/12/97 | 280 | <250 | <0.50 | 0.8 | 0.82 | 0.9 | <5.0 | - | - | - | - | - | - |
| | 03/23/98 | 96 | <250 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | - | - | - | - | - | - |
| | 08/25/98 | 110 | <250 | <0.50 | <0.50 | <0.50 | 2.40 | <10 | - | - | - | - | - | - |
| | 09/30/98 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | - | - | - | - |
| | 12/15/98 | 380 | <250 | <0.5 | 1.80 | 0.66 | 1.50 | - | - | - | - | - | - | - |
| | 03/22/02 | 5,100 | 6,900 | <0.5 | 0.90 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - |
| | 06/28/02 | 590 | 260 | 0.54 | 1.60 | <0.5 | 1.30 | <5.0 | - | - | - | - | - | - |
| 09/08/02 | 320 | <250 | <0.50 | 1.30 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - | |
| 01/06/03 | 1,800 | 3,300 | <0.50 | 2.20 | <0.50 | <0.50 | <5.0 | - | - | - | - | - | - | |
| 08/23/04 | 330 | <250 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | - | ND* | - | - | - | - | |
| 09/22/04 | 410 | <250 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | ND* | - | - | - | - | |
| 12/29/04 | 800 | 450 | <0.5 | <0.5 | 2.20 | 4.20 | <2.5 | <2.5 | - | - | - | - | - | |
| (Dup) | 04/26/94 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.001 | <0.05 | <0.005 | 0.060 | <0.10 |
| | 07/20/94 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.010 | 0.022 | <0.020 | 0.045 | 0.098 |
| | 10/21/94 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.010 | 0.031 | <0.020 | 0.027 | 0.044 |
| | 01/18/95 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.010 | 0.014 | <0.020 | 0.023 | 0.045 |
| | 06/28/96 | <50 | <250 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | - | - | - | - | - | - |
| | 09/24/96 | <50 | <250 | <0.50 | <0.50 | <0.50 | <0.50 | 9.6 | - | - | - | - | - | - |
| | 12/11/96 | 58 | <250 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | - | - | - | - | - | - |
| | 12/12/97 | <50 | <250 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | - | - | - | - | - | - |
| | 03/23/98 | 200 | <250 | <0.50 | 0.08 | <0.50 | <0.50 | <5.0 | - | - | - | - | - | - |
| | 08/25/98 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - |
| | 09/30/98 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - |
| | 12/15/98 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - |
| | 03/22/02 | 110 | 270 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - |
| | 06/28/02 | 410 | 660 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - |
| 09/08/02 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - | |
| 01/06/03 | 230 | 620 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | - | - | - | - | - | - | |
| 06/23/04 | 56 | <260 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | <0.50 | ND* | - | - | - | - | |
| 09/22/04 | 96 | <260 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | <0.50 | ND* | - | - | - | - | |
| 12/29/04 | 53 | <260 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | - | - | - | - | - | |

TABLE 3

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
 Test Only SMOG Station (Former Autopro)
 5200 Telegraph Avenue, Oakland, California

Tank Removal Verification Samples - December 1990

| Sample I.D. | TPH-G (µg/L) | TPH-D (µg/L) | Oil & Grease (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) |
|---|-----------------|-----------------|------------------------|-------------------|-------------------|-----------------------------|-------------------------|
| Diesel / Gasoline UST Excavation | | | | | | | |
| APGW-1 | 110,000 | --- | --- | 130 | 71 | 190 | 1,610 |
| APGW-2 | --- | 68,000 | --- | --- | --- | --- | --- |

Limited Soil and Groundwater Investigation - April 1993

| Sample I.D. | TSVPH (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) |
|---|-----------------|-------------------|-------------------|-----------------------------|-------------------------|
| Gasoline Only UST Excavation | | | | | |
| B-1 | 1,700 (C7-C12) | --- | --- | --- | --- |
| Diesel / Gasoline UST Excavation | | | | | |
| B-2 | <200 | --- | --- | --- | --- |

Preliminary Site Assessment - April 1994

| Sample I.D. | TPH-G (µg/L) | TPH-D (µg/L) | Oil & Grease (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) |
|-------------|-----------------|-----------------|------------------------|-------------------|-------------------|-----------------------------|-------------------------|
| MW-1 | 1,400 | <50 | --- | 0.5 | <0.5 | 4.5 | 2.1 |
| MW-2 | <50 | <50 | --- | <0.5 | <0.5 | <0.5 | <0.5 |
| MW-3 | 10,000 | <3,000 | --- | 70 | 40 | 40 | 50 |
| MW-4 | 6,800 | <300 | --- | <3 | <3 | 3 | 4 |

| Sample I.D. | TPH-G (µg/L) | TPH-D (µg/L) | TPH-MO (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) |
|-------------|-----------------|-----------------|------------------|-------------------|-------------------|-----------------------------|-------------------------|
|-------------|-----------------|-----------------|------------------|-------------------|-------------------|-----------------------------|-------------------------|

Off-Site Investigation - July 1996

| | | | | | | | |
|------|--------|--------|-------|------|------|------|------|
| AP-1 | 1,400 | 190 | <250 | <0.5 | 2.9 | <0.5 | 3.1 |
| AP-2 | 7,900 | 74,000 | <250 | 69 | 12 | 20 | 43 |
| AP-3 | 14,000 | 47,000 | <250 | 130 | 16 | 45 | 44 |
| AP-4 | <50 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 |
| AP-5 | <50 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 |
| AP-6 | <50 | 410 | 1,900 | <0.5 | <0.5 | <0.5 | <0.5 |
| AP-7 | <50 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 |

Soil and Groundwater Investigation - 2012

| | | | | | | | |
|-------|-------|-------|------|------|------|------|------|
| B-1-W | <100 | <100 | <100 | <0.5 | <0.5 | <0.5 | <1.5 |
| B-2-W | 3,900 | 2,100 | <100 | <0.5 | <0.5 | <0.5 | <0.5 |
| B-3-W | 3,100 | 830 | <100 | <0.5 | 1.5 | 2.2 | 5.0 |

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline
 TPH-D = Total Petroleum Hydrocarbons as Diesel
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
 TSVPH = Total Semi-Volatile Petroleum Hydrocarbons

< = Not detected above detection limit indicated
 --- = Not Tested
 Boring locations are shown on Figure 6

TABLE 2

ANALYTICAL RESULTS FOR GRAB GROUND WATER SAMPLES

Tri-Star Partnership
Autopro Facility
5200 Telegraph Avenue
Oakland, California

| Sample ID | Date Sampled | TPH-D (µg/L) | TPH-G (µg/L) | TPH-MO (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) |
|-----------|--------------|-----------------|-----------------|------------------|-------------------|-------------------|------------------------|-------------------------|----------------|
| AP-1 | 07/02/96 | 190* | 1,400* | <250 | <0.5 | 29 | <0.5 | 34 | <5.0 |
| AP-2 | 07/02/96 | 72,000* | 7,900* | <250 | 69 | 12 | 20 | 43 | 50 |
| AP-3 | 07/02/96 | 47,000* | 74,000* | <250 | 130 | 16 | 45 | 44 | 100 |
| AP-4 | 07/02/96 | <50 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| AP-5 | 07/02/96 | <50 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| AP-6 | 07/02/96 | 410* | <50 | 1,900 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| AP-7 | 07/02/96 | <50 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 |
| MCL | - | - | - | - | 1.0 | 150 | 700 | 1,750 | 35* |

Notes:

- TPH-D = Total Petroleum Hydrocarbons as Diesel.
- TPH-G = Total Petroleum Hydrocarbons as Gasoline.
- TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
- MTBE = methyl tertiary butyl ether.
- µg/L = micrograms per liter or parts per billion (ppb).
- < = less than listed detection limit.
- = not applicable.
- * = DHS Action Level.

- MCL = primary Maximum Contaminant Limit as defined by the California Department of Health Services (DHS) Drinking Water Standards.
- b = heavier gasoline-range compounds are significant (aged gasoline?).
- d = gasoline-range compounds having broad chromatographic peaks are significant; biologically altered gasoline?
- g = strongly aged gasoline or diesel-range compounds are significant.
- h = lighter than water immiscible sheen is present.
- i = liquid sample that contains greater than ~ 5 vol. % sediment.
- j = no recognizable pattern.

TABLE 2

ANALYTICAL RESULTS FOR GROUND WATER SAMPLES

Autopro
5200 Telegraph Avenue
Oakland, California

| Sample ID | Date Sampled | TPH-G (µg/L) | TPH-D (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | 1,2-Dichlorobenzene (µg/L) | Ethylene dibromide (µg/L) | Metals (mg/L) | | | | |
|-----------|--------------|--------------|--------------|----------------|----------------|---------------------|----------------------|----------------------------|---------------------------|---------------|-------|--------|------|-------|
| | | | | | | | | | | Cd | Cr | Pb | Zn | |
| MW-1 | 04/26/94 | 3,000 | <50 | <0.50 | <0.50 | 4.5 | 2.1 | <0.50 | <0.50 | 0.001 | <0.05 | <0.005 | 0.12 | <0.10 |
| MW-2 | 04/26/94 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.001 | <0.05 | <0.005 | 0.06 | <0.10 |
| MW-3 | 04/26/94 | 30,000 | <3,000 | 70 | 40 | 40 | 50 | <30 | <30 | <0.001 | <0.05 | 0.043 | 0.10 | 0.10 |
| MW-4 | 04/26/94 | 5,800 | <300 | <3.0 | <3.0 | 3.0 | 4.8 | <3.0 | <3.0 | <0.001 | <0.05 | 0.007 | 0.06 | <0.10 |
| TRIP | 04/26/94 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | - | - | - | - | - |

Notes:

- TPH-G = Total Petroleum Hydrocarbons as Gasoline
- TPH-D = Total Petroleum Hydrocarbons as Diesel
- µg/L = Micrograms per liter or parts per billion (ppb)
- mg/L = Milligrams per liter or parts per million (ppm)
- Cd = Cadmium
- Cr = Chromium
- Pb = Lead
- Ni = Nickel
- Zn = Zinc
- < = Less than listed detection limits
- = Not analyzed

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
 Test Only SMOG Station (Former Autopro)
 5200 Telegraph Avenue, Oakland, California

| SAMPLE NUMBER | DATE SAMPLED | SAMPLE MATRIX | DEPTH SAMPLED (FEET) | TPH - GASOLINE | TPH - DIESEL | TPH - MOTOR OIL | Volatle Organic Compounds* |
|---------------|--------------|---------------|----------------------|----------------|--------------|-----------------|--|
| B-1-10 | 5/8/2012 | Soil | 10 | <10 | <10 | <10 | ND |
| B-1-15 | 5/8/2012 | Soil | 15 | <10 | <10 | <10 | ND |
| B-1-20 | 5/8/2012 | Soil | 20 | <10 | <10 | <10 | ND |
| B-2-9 | 5/8/2012 | Soil | 9 | <10 | <10 | <10 | ND |
| B-2-15 | 5/8/2012 | Soil | 15 | 11 | <10 | <10 | ND |
| B-2-20 | 5/8/2012 | Soil | 20 | <10 | <10 | <10 | ND |
| B-3-9 | 5/8/2012 | Soil | 9 | 670 | 140 | <10 | ethylbenzene (0.007) total xylenes (0.063) |
| B-3-15 | 5/8/2012 | Soil | 15 | 56 | <10 | <10 | benzene (0.0066) |
| B-3-20 | 5/8/2012 | Soil | 20 | <10 | <10 | <10 | ND |
| B-1-W | 5/9/2012 | Water | --- | <0.1 | <0.1 | <0.1 | ND |
| B-2-W | 5/9/2012 | Water | --- | 3.9 | 2.1 | <0.1 | toluene (0.0015) ethylbenzene (0.0022) total xylenes (0.005) |
| B-3-W | 5/9/2012 | Water | --- | 3.1 | 0.83 | <0.1 | benzene (0.12) toluene (0.022) ethylbenzene (0.02) total xylenes (0.0231) |

Notes: Analytical results for soil are reported as total concentration in milligrams per kilogram (mg/kg)

Analytical results for water are reported as total concentration in milligrams per liter (mg/L)

< = not detected at presented laboratory reporting limit.

Volatle Organic Compounds* = Only benzene, toluene, ethylbenzene, total xylenes, and methyl tert butyl ether results are presented. Other detected VOCs are shown in Appendix D.

ND = Not detected at laboratory reporting limit presented in Appendix D.

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
 Test Only SMOG Station (Former Autopro)
 5200 Telegraph Avenue, Oakland, California

| Sample I.D. | TPH-G (mg/kg) | TPH-D (mg/kg) | Oil & Grease (mg/kg) | Benzene (µg/kg) | Toluene (µg/kg) | Ethyl-benzene (µg/kg) | Total Xylenes (µg/kg) |
|--|------------------|------------------|-------------------------|--------------------|--------------------|--------------------------|--------------------------|
| Tank Removal Verification Samples - December 1990 | | | | | | | |
| Waste Oil UST Excavation | | | | | | | |
| AP-1 | 36 | 32 | 8,000 | <5 | 34 | 120 | 370 |
| AP-2 | 19 | 47 | 12,000 | <5 | <5 | 66 | 120 |
| Diesel / Gasoline UST Excavation | | | | | | | |
| AP-4 | 2,300 | 4,500 | --- | 59 | 570 | 2,700 | 30,000 |
| AP-5 | 320 | <1 | --- | <5 | 190 | 1,500 | 220 |
| AP-6 | 2,900 | --- | --- | 4,500 | 2,400 | 360 | 2,900 |
| AP-7 | 540 | --- | --- | <5 | <5 | 3,400 | 13,000 |
| AP-8 | 38 | --- | --- | <5 | <5 | 230 | 110 |
| AP-9 | 1,100 | --- | --- | 73 | 670 | 11,000 | 4,900 |
| Gasoline Only UST Excavation | | | | | | | |
| AP-10 | 340 | --- | --- | 7.8 | 130 | 170 | 190 |
| AP-11 | 8.8 | --- | --- | <5 | <5 | <5 | <5 |
| Source Removal Verification Samples - 1991 | | | | | | | |
| Gasoline Only UST Excavation (July 1991) | | | | | | | |
| AP-311 | 0.2 | <10 | --- | <1 | <1 | <1 | <3 |
| AP-312 | 14 | 120 | --- | <5 | 9 | <5 | <20 |
| AP-313 | 2 | 20 | --- | <1 | 2 | <1 | 5 |
| AP-314 | 12 | 90 | --- | <5 | <5 | <5 | <20 |
| AP-315 | 0.7 | <10 | --- | <1 | <1 | <1 | <3 |
| AP-316 | 7 | 730 | --- | <1 | 1 | 3 | 30 |
| Diesel / Gasoline UST Excavation (September 1991) | | | | | | | |
| VN | <0.5 | <1.0 | --- | <5.0 | 92 | U | <15 |
| VNE-1 | <0.5 | <1.0 | --- | <5.0 | 68 | U | <15 |
| VNE-2 | <0.5 | <1.0 | --- | <5.0 | 170 | <5.0 | <15 |
| VS | 79 | 310 | --- | <38 | 450 | U | 1,100 |
| VNW-1 | 12 | 4.4 | --- | <5.0 | 9.3 | <5.0 | <15 |
| VNW-2 | 160 | 110 | --- | <19 | 7,900 | <23 | 1,000 |

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline
 TPH-D = Total Petroleum Hydrocarbons as Diesel
 Boring locations are shown on Figure 6

< = Not detected above detection limit indicated
 --- = Not Tested
 U = Unknown (lab data missing)

TABLE 2

SUMMARY OF SOIL ANALYTICAL RESULTS
 Test Only SMOG Station (Former Autopro)
 5200 Telegraph Avenue, Oakland, California

| Sample I.D. | TPH-G (mg/kg) | TPH-D (mg/kg) | Oil & Grease (mg/kg) | Benzene (µg/kg) | Toluene (µg/kg) | Ethyl-benzene (µg/kg) | Total Xylenes (µg/kg) |
|-------------|------------------|------------------|-------------------------|--------------------|--------------------|--------------------------|--------------------------|
|-------------|------------------|------------------|-------------------------|--------------------|--------------------|--------------------------|--------------------------|

Preliminary Site Assessment - April 1994

| | | | | | | | |
|------------|------|---------------------|-------|--------|--------|--------|--------|
| MW-1 (10') | <1 | <1 | 110 | <5 | <5 | <5 | <5 |
| MW-1 (20') | <1 | <1 | <50 | <5 | <5 | <5 | <5 |
| MW-2 (10') | <1 | <1 | <50 | <5 | <5 | <5 | <5 |
| MW-2 (15') | <1 | <1 | <50 | <5 | <5 | <5 | <5 |
| MW-3 (10') | <200 | 2,500 (kerosene) | <50 | <1,000 | <1,000 | <1,000 | <1,000 |
| MW-3 (15') | 80 | <10 | <50 | 210 | 70 | <50 | 180 |
| MW-4 (10') | <1 | <1 | 70 | <5 | <5 | <5 | <5 |
| MW-4 (15') | <1 | <1 | 1,100 | <5 | <5 | <5 | <5 |

Soil and Groundwater Investigation - 2012

| Sample I.D. | TPH-G (mg/kg) | TPH-D (mg/kg) | TPH-MO (mg/kg) | Benzene (µg/kg) | Toluene (µg/kg) | Ethyl-benzene (µg/kg) | Total Xylenes (µg/kg) |
|-------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------------|--------------------------|
| B-1 (10') | <10 | <10 | <10 | <5 | <5 | <5 | <10 |
| B-1 (15') | <10 | <10 | <10 | <5 | <5 | <5 | <10 |
| B-1 (20') | <10 | <10 | <10 | <5 | <5 | <5 | <10 |
| B-2 (9') | <10 | <10 | <10 | <5 | <5 | <5 | <10 |
| B-2 (15') | 11 | <10 | <10 | <5 | <5 | <5 | <10 |
| B-2 (20') | <10 | <10 | <10 | <5 | <5 | <5 | <10 |
| B-3 (9') | 670 | 140 | <10 | <5 | <5 | 7.0 | 63 |
| B-3 (15') | 56 | <10 | <10 | 6.6 | <5 | <5 | <10 |
| B-3 (20') | <10 | <10 | <10 | <5 | <5 | <5 | <10 |

NOTES:

TPH-G = Total Petroleum Hydrocarbons as Gasoline
 TPH-D = Total Petroleum Hydrocarbons as Diesel
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil

< = Not detected above detection limit indicated
 -- = Not Tested
 Boring locations are shown on Figure 6

Table 2
Soil Analytical Results From Samples Collected During Tank Removal

| Sample Location | Sample Designation | Sample Date | Sampled By | Sample Type | Sample Depth (feet) | Soil Classification | Oil & Grease (mg/kg) | Total Petroleum Hydrocarbons as Gasoline (mg/kg) | Total Petroleum Hydrocarbons as Diesel (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Lead (mg/kg) | Purgeable Halocarbons (mg/kg) |
|---|--------------------|------------------|------------|-------------|---------------------|---------------------|----------------------|--|--|-----------------|-----------------|----------------------|-----------------|--------------|-------------------------------|
| Waste Oil Excavation - south end | AP-1 | 19 December 1990 | SS | Grab | ±6 | not recorded | 8,000 | 36 | 32 | <0.005 | 0.094 | 0.12 | 0.37 | NM | <0.005 |
| Waste Oil Excavation - north end | AP-2 | 19 December 1990 | SS | Grab | ±6 | not recorded | 12,000 | 19 | 47 | <0.005 | <0.005 | 0.066 | 0.12 | NM | NM |
| Waste Oil Excavation stockpiles | AP-3 & 18 | 19 December 1990 | SS | Composic | NM | not recorded | 240 | <1 | <1 | <0.005 | <0.005 | <0.005 | <0.005 | NM | NM |
| Diesel/Gasoline Excavation - east end of diesel tank | AP-4 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 2,300 | 4,500 | 0.059 | 0.57 | 2.7 | 30 | 39.6 | NM |
| Diesel/Gasoline Excavation - west end of diesel tank | AP-5 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 320 | <1 | <0.005 | 0.19 | 1.5 | 0.22 | 15.3 | NM |
| Diesel/Gasoline Excavation - east end of northern gasoline tank | AP-6 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 2,900 | NM | 4.5 | 2.4 | 0.36 | 2.9 | 47.1 | NM |
| Diesel/Gasoline Excavation - west end of northern gasoline tank | AP-7 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 540 | NM | <0.005 | <0.005 | 3.4 | 13 | 18.4 | NM |
| Diesel/Gasoline Excavation - east end of southern gasoline tank | AP-8 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 38 | NM | <0.005 | <0.005 | 0.23 | 0.11 | 11.6 | NM |
| Diesel/Gasoline Excavation - west end of southern gasoline tank | AP-9 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 1,100 | NM | 0.073 | 0.67 | 11 | 4.9 | 23.2 | NM |
| Gasoline-Only Excavation - east end | AP-10 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 340 | NM | 0.0078 | 0.13 | 0.17 | 0.19 | 17.1 | NM |
| Gasoline-Only Excavation - west end | AP-11 | 19 December 1990 | SS | Grab | ±11 | not recorded | NM | 8.8 | NM | <0.005 | <0.005 | <0.005 | <0.005 | 9.38 | NM |
| Diesel/Gasoline Excavation stockpile | AP-12 | 19 December 1990 | SS | Grab | NM | not recorded | NM | <1 | NM | <0.005 | <0.005 | <0.005 | <0.005 | NM | NM |
| Diesel/Gasoline Excavation stockpile | AP-14 | 19 December 1990 | SS | Grab | NM | not recorded | NM | 130 | 56 | <0.005 | <0.005 | 0.11 | 1.1 | NM | NM |
| Gasoline-Only Excavation stockpile | AP-17 | 19 December 1990 | SS | Grab | NM | not recorded | NM | <1 | NM | <0.005 | <0.005 | <0.005 | <0.005 | 5.32 | NM |

General Notes

- (a) SS = Sampling Specialist, Pacheco CA
- (b) NM = not measured
- (c) Laboratory analyses by Chromalab, San Ramon CA
- (d) Purgeable Halocarbons = EPA Method 8010

TABLE 1

ANALYTICAL RESULTS FOR SOIL SAMPLES

Autopro
5200 Telegraph Avenue
Oakland, California

| Sample ID | Depth Sampled (ft. bgs) | Date Sampled | TPH-G | TPH-D | TPH-K | Oil or Grease | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2-Dichlorobenzene | Ethylene Dibromide | Metals | | | | |
|-----------|-------------------------|--------------|-------|-------|-------|---------------|---------|---------|--------------|---------------|---------------------|--------------------|--------|---------------------|----|----|----|
| | | | | | | | | | | | | | Cd | Cr | Pb | Ni | Zn |
| MW-1 | 10 | 04/11/94 | <1.0 | <1.0 | - | 110 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.5 | 36 | 11 | 37 | 56 |
| MW-1 | 20 | 04/11/94 | <1.0 | <1.0 | - | <50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.5 | 43 | 10 | 51 | 67 |
| MW-2 | 10 | 04/11/94 | <1.0 | <1.0 | - | <50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.5 | 28(31) ¹ | 10 | 15 | 30 |
| MW-2 | 15 | 04/11/94 | <1.0 | <1.0 | - | <50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.5 | 30 | 10 | 26 | 71 |
| MW-3 | 10 | 04/11/94 | <200 | <200 | 2,500 | <50 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | 26 | 26 | 30 | 52 |
| MW-3 | 15 | 04/11/94 | 30 | <10 | - | <50 | 0.2 | 0.37 | <0.05 | 0.18 | <0.05 | <0.05 | <0.5 | 37 | 42 | 31 | 49 |
| MW-4 | 10 | 04/12/94 | <1.0 | <1.0 | - | 70 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.5 | 24 | 8 | 26 | 45 |
| MW-4 | 15 | 04/12/94 | <1.0 | <1.0 | - | 1,100 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.5 | 21 | 8 | 31 | 51 |

Notes:

All concentrations in milligrams per kilogram or parts per million (ppm)

ft. bgs = feet below ground surface

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-K = Total Petroleum Hydrocarbons as Kerosene

< = Less than listed detection limits

(31)¹ = Q.C. duplicate result reported by CCAS

- = Not reported in analyses

Cd = Cadmium

Cr = Chromium

Pb = Lead

Ni = Nickel

Zn = Zinc

TABLE 1

ANALYTICAL RESULTS FOR SOIL SAMPLES

Tri-Star Partnership
 Autopro Facility
 5200 Telegraph Avenue
 Oakland, California

| Sample ID | Depth Sampled (ft bgs) | Date Sampled | TPH-D (mg/kg) | TPH-G (mg/kg) | TPH-MO (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | MTBE (mg/kg) |
|-----------|------------------------|--------------|---------------|---------------|----------------|-----------------|-----------------|----------------------|-----------------------|--------------|
| AP-1-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-1-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-2-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-2-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-3-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-3-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-4-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-4-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-5-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-5-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-6-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-6-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-7-5 | 5 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |
| AP-7-10 | 10 | 07/02/96 | <1.0 | <1.0 | <5.0 | <0.005 | <0.005 | <0.005 | <0.005 | <0.05 |

NOTES:

ft bgs = feet below ground surface.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = methyl tertiary butyl ether.

mg/kg = milligrams per kilogram or parts per million (ppm).

< = less than listed detection limit.

d = gasoline-range compounds are significant.

APPENDIX E

**LABORATORY REPORTS AND CHAIN OF CUSTODY
DOCUMENTATION FOR WASTE SOIL MATERIALS**



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Mike Quillin
Environmental Science & Engineering
4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar
Analyzed : 04/23/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 1 of 3

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|----------|---------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |
| CONSTITUENT | (CAS RN) | *PQL µg/Kg | RESULT µg/Kg | NOTE |
| VOLATILE ORGANIC COMPOUNDS | | | | 1 |
| Acetone | (67641) | 100. | ND | |
| Benzene | (71432) | 5. | ND | |
| Bromodichloromethane | (75274) | 5. | ND | |
| Bromoform | (75252) | 5. | ND | |
| Bromomethane | (74839) | 5. | ND | |
| 2-Butanone (MEK) | (78933) | 50. | ND | |
| Carbon Disulfide | (75150) | 10. | ND | |
| Carbon Tetrachloride | (56235) | 5. | ND | |
| Chlorobenzene | (108907) | 5. | ND | |
| Chloroethane | (75003) | 5. | ND | |
| 2-Chloroethyl Vinyl Ether | (110758) | 50. | ND | |
| Chloroform | (67663) | 10. | ND | |
| Chloromethane | (74873) | 5. | ND | |
| Dibromochloromethane | (124481) | 5. | ND | |
| 1,2-Dichlorobenzene | (95501) | 5. | ND | |
| 1,3-Dichlorobenzene | (541731) | 5. | ND | |
| 1,4-Dichlorobenzene | (106467) | 5. | ND | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

04/28/94
FIN2/042213B
DT/et/on
FIN2/042294S



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Mike Quillin
Environmental Science & Engineering
4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar
Analyzed : 04/23/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 2 of 3

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|--------|------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |

| CONSTITUENT | (CAS RN) | *PQL µg/Kg | RESULT µg/Kg | NOTE |
|-------------------------------|-------------|---------------|-----------------|------|
| 1,1-Dichloroethane | (75343) | 5. | ND | |
| 1,2-Dichloroethane | (107062) | 5. | ND | |
| 1,1-Dichloroethene | (75354) | 5. | ND | |
| cis-1,2-Dichloroethene | (156592) | 5. | ND | |
| trans-1,2-Dichloroethene | (156605) | 5. | ND | |
| 1,2-Dichloropropane | (78875) | 5. | ND | |
| cis-1,3-Dichloropropene | (100610105) | 5. | ND | |
| trans-1,3-Dichloropropene | (10061026) | 5. | ND | |
| Ethylbenzene | (100414) | 5. | ND | |
| 2-Hexanone | (591786) | 30. | ND | |
| Methyl Isobutyl Ketone (MIBK) | (108101) | 30. | ND | |
| Methylene Chloride | (75092) | 30. | ND | |
| Styrene | (100425) | 5. | ND | |
| 1,1,2,2-Tetrachloroethane | (79345) | 5. | ND | |
| Tetrachloroethene | (127184) | 5. | ND | |
| Toluene | (108883) | 5. | ND | |
| 1,1,1-Trichloroethane | (71556) | 5. | ND | |
| 1,1,2-Trichloroethane | (79005) | 5. | ND | |
| Trichloroethene | (79016) | 5. | ND | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

04/28/94
FIN2/042213B
DT/et/on
FIN2/042294S



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
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(408) 955-9077

CLIENT: Mike Quillin
Environmental Science & Engineering
4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar
Analyzed : 04/23/94
Analyzed by: MM
Method : EPA 8240

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|--------|------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |

| CONSTITUENT | (CAS RN) | *PQL µg/Kg | RESULT µg/Kg | NOTE |
|---|-----------|---------------|-----------------|------|
| Trichlorofluoromethane | (75694) | 5. | ND | |
| Trichlorotrifluoroethane | (76131) | 30. | ND | |
| Vinyl Acetate | (108054) | 30. | ND | |
| Vinyl Chloride | (75014) | 5. | ND | |
| Xylenes (total) | (1330207) | 5. | 12. | |
| Total Petroleum Hydrocarbons (Gasoline) | | 200. | 700 | |
| D4-DCA (% Surrogate Recovery #1) | | | 98. | |
| D8-TOL (% Surrogate Recovery #2) | | | 101. | |
| BFB (% Surrogate Recovery #3) | | | 93. | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

04/28/94
FIN2/042213B
DT/et/on
FIN2/042294S

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
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San Jose, CA 95131
(408) 955-9077

CLIENT: Mike Quillin
Environmental Science & Engineering
4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar
Analyzed : 04/29/94
Analyzed by: DT
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 1 of 5

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|--------|------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |

| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE |
|--------------------------------|------------|---------------|-----------------|------|
| SEMIVOLATILE ORGANIC COMPOUNDS | | | | 1 |
| Acenaphthylene | (208968) | 0.5 | ND | |
| Acenaphthene | (83329) | 0.5 | ND | |
| Anthracene | (120127) | 0.5 | ND | |
| Benzidine | (92875) | 5. | ND | |
| Benzo(a)anthracene | (56553) | 0.5 | ND | |
| Benzo(b)fluoranthene | (205992) | 0.5 | ND | |
| Benzo(k)fluoranthene | (207089) | 0.5 | ND | |
| Benzo(a)pyrene | (50328) | 0.5 | ND | |
| Benzo(ghi)perylene | (191242) | 0.5 | ND | |
| Bis(2-chloroethoxy)methane | (111911) | 0.5 | ND | |
| Bis(2-chloroethyl)ether | (111444) | 0.5 | ND | |
| Bis(2-chloroisopropyl)ether | (39638329) | 0.5 | ND | |
| Bis(2-ethylhexyl)phthalate | (117817) | 1. | ND | |
| 4-Bromophenylphenylether | (101553) | 0.5 | ND | |
| Butylbenzylphthalate | (85687) | 0.5 | ND | |
| 2-Chloronaphthalene | (91587) | 0.5 | ND | |
| 4-Chlorophenylphenylether | (7005723) | 0.5 | ND | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 04/26/94 by MP using EPA 3550

04/29/94
FIN3/JK118201
DT/et
BNA-042694S



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Mike Quillin
Environmental Science & Engineering
4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar
Analyzed : 04/29/94
Analyzed by: DT
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 2 of 5

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|----------|---------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |
| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE |
| Chrysene | (218019) | 0.5 | ND | |
| Dibenzo(a,h)anthracene | (53703) | 0.5 | ND | |
| Di-n-butylphthalate | (84742) | 0.5 | ND | |
| 1,2-Dichlorobenzene | (95501) | 0.5 | ND | |
| 1,3-Dichlorobenzene | (541731) | 0.5 | ND | |
| 1,4-Dichlorobenzene | (106467) | 0.5 | ND | |
| 3,3-Dichlorobenzidine | (91941) | 5. | ND | |
| Diethylphthalate | (84662) | 0.5 | ND | |
| Dimethylphthalate | (131113) | 0.5 | ND | |
| 2,4-Dinitrotoluene | (121142) | 0.5 | ND | |
| 2,6-Dinitrotoluene | (606202) | 0.5 | ND | |
| Di-n-octylphthalate | (117840) | 0.5 | ND | |
| Fluoranthene | (206440) | 0.5 | ND | |
| Fluorene | (86737) | 0.5 | ND | |
| Hexachlorobenzene | (118741) | 0.3 | ND | |
| Hexachlorobutadiene | (87683) | 0.5 | ND | |
| Hexachlorocyclopentadiene | (77474) | 0.3 | ND | |
| Hexachloroethane | (67721) | 0.5 | ND | |
| Indeno(1,2,3-cd)pyrene | (193395) | 0.5 | ND | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

04/29/94
FIN3/JK118201
DT/et
BNA-042694S



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

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(408) 955-9077

CLIENT: Mike Quillin
Environmental Science & Engineering
4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar
Analyzed : 04/29/94
Analyzed by: DT
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 3 of 5

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|----------|---------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |
| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE |
| Isophorone | (78591) | 0.5 | ND | |
| Methylnaphthalenes | (91576) | 0.5 | ND | |
| Naphthalene | (91203) | 0.5 | ND | |
| Nitrobenzene | (98953) | 0.5 | ND | |
| N-Nitrosodimethylamine | (62759) | 0.5 | ND | |
| N-Nitrosodiphenylamine | (86306) | 0.5 | ND | |
| N-Nitrosodi-n-propylamine | (621647) | 0.5 | ND | |
| Phenanthrene | (85018) | 0.5 | ND | |
| Pyrene | (129000) | 0.5 | ND | |
| Trichlorobenzene | (108703) | 0.5 | ND | |
| 4-Chloro-3-methylphenol | (59507) | 2. | ND | |
| 2-Chlorophenol | (95578) | 2. | ND | |
| Cresols (total) | | 2. | ND | |
| 2,4-Dichlorophenol | (120832) | 2. | ND | |
| 2,4-Dimethylphenol | (105679) | 2. | ND | |
| 2,4-Dinitrophenol | (51285) | 2. | ND | |
| 2-Methyl-4,6-dinitrophenol | (534521) | 2. | ND | |
| 2-Nitrophenol | (88755) | 2. | ND | |
| 4-Nitrophenol | (100027) | 2. | ND | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

04/29/94
FIN3/JK118201
DT/et
BNA-042694S



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Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 4 of 5

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|--------|------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |

| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE |
|-----------------------|------------|---------------|-----------------|------|
| Pentachlorophenol | (87865) | 2. | ND | |
| Phenol | (108952) | 2. | ND | |
| 2,4,6-Trichlorophenol | (88062) | 2. | ND | |
| Aldrin | (309002) | 0.5 | ND | |
| alpha BHC | (319846) | 0.5 | ND | |
| beta BHC | (319857) | 0.5 | ND | |
| delta-BHC | (319868) | 0.5 | ND | |
| gamma BHC (Lindane) | (58899) | 0.5 | ND | |
| p,p'-DDD | (72548) | 0.5 | ND | |
| p,p'-DDE | (72559) | 0.5 | ND | |
| p,p'-DDT | (50293) | 0.5 | ND | |
| Dieldrin | (60571) | 0.5 | ND | |
| Endosulfan I | (959988) | 0.5 | ND | |
| Endosulfan II | (33213659) | 0.5 | ND | |
| Endosulfan sulfate | (1031078) | 0.5 | ND | |
| Endrin | (72208) | 0.5 | ND | |
| Endrin aldehyde | (7421934) | 0.5 | ND | |
| Heptachlor | (76448) | 1. | ND | |
| Heptachlor epoxide | (1024573) | 1. | ND | |

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*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

04/29/94
FIN3/JK118201
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Analyzed : 04/29/94
Analyzed by: DT
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 5 of 5


| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|------------|---------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |
| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE |
| Methoxychlor | (72435) | 1. | ND | |
| AROCLOR 1016 | (12674112) | 10. | ND | |
| AROCLOR 1221 | (11104282) | 10. | ND | |
| AROCLOR 1232 | (11141165) | 10. | ND | |
| AROCLOR 1242 | (53469219) | 10. | ND | |
| AROCLOR 1248 | (12672296) | 10. | ND | |
| AROCLOR 1254 | (11097691) | 10. | ND | |
| AROCLOR 1260 | (11096825) | 10. | ND | |
| Phenol-d5 (Surrogate % Recovery) | | | 46. | |
| 2-Fluorophenol (Surrogate % Recovery) | | | 27. | |
| 2,4,6-Tribromophenol (Surrogate % Recovery) | | | 81. | |
| Nitrobenzene-d5 (Surrogate % Recovery) | | | 35. | |
| 2-Fluorobiphenyl (Surrogate % Recovery) | | | 55. | |
| 4-Terphenyl-d14 (Surrogate % Recovery) | | | 31. | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

04/29/94
FIN3/JK118201
DT/et
ENA-042694S

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager



COAST-TO-COAST ANALYTICAL SERVICES, INC.

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Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|---|--------|------------|-----------------------|----------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 |

| CONSTITUENT | *PQL | RESULT | UNITS | METHOD | ANALYZED | BY | NOTES |
|-------------------|-------|--------|-------|----------|----------|----|-------|
| Antimony, Total | 1. | ND | mg/Kg | EPA 7041 | 04/21/94 | DO | 1 |
| Arsenic, Total | 0.5 | 3.6 | mg/Kg | EPA 7060 | 04/24/94 | KP | 1 |
| Barium, Total | 5. | 160. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Beryllium, Total | 0.5 | ND | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Cadmium, Total | 0.5 | ND | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Chromium, Total | 0.5 | 33. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Cobalt, Total | 1. | 6. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Copper, Total | 0.5 | 26. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Lead, Soluble | 0.1 | 1.4 | mg/L | EPA 7420 | 04/19/94 | DO | 2,3 |
| Lead, Total | 1. | 31. | mg/Kg | EPA 7420 | 04/21/94 | DO | 1 |
| Mercury, Total | 0.004 | 0.15 | mg/Kg | EPA 7471 | 04/20/94 | NG | |
| Molybdenum, Total | 3. | ND | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Nickel, Total | 1. | 39. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Selenium, Total | 0.5 | ND | mg/Kg | EPA 7740 | 04/24/94 | KP | 1 |
| Silver, Total | 0.2 | 0.6 | mg/Kg | EPA 7760 | 04/21/94 | KP | 1 |
| Thallium, Total | 5. | 5. | mg/Kg | EPA 7840 | 04/21/94 | DO | 1 |
| Vanadium, Total | 2. | 28. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 04/17/94 by AL using EPA 3050
- (2) Sample Preparation on 04/18/94 by NI using EPA 3010
- (3) CA WET Extraction (Citrate Buffer) on 04/15/94 by AL

04/26/94

NG/nfg/kjp
5094041701

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Nick Gaone
Inorganics Manager

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Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | | | | |
|---|--------|------------|-----------------------|----------|----------|----|-------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 | | | |
| CONSTITUENT | *PQL | RESULT | UNITS | METHOD | ANALYZED | BY | NOTES |
| Antimony, Total | 1. | ND | mg/Kg | EPA 7041 | 04/21/94 | DO | 1 |
| Arsenic, Total | 0.5 | 3.6 | mg/Kg | EPA 7060 | 04/24/94 | KP | 1 |
| Barium, Total | 5. | 160. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Beryllium, Total | 0.5 | ND | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Cadmium, Total | 0.5 | ND | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Chromium, Total | 0.5 | 33. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Cobalt, Total | 1. | 6. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Copper, Total | 0.5 | 26. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Lead, Soluble | 0.1 | 1.4 | mg/L | EPA 7420 | 04/19/94 | DO | 2,3 |
| Lead, Total | 1. | 31. | mg/Kg | EPA 7420 | 04/21/94 | DO | 1 |
| Mercury, Total | 0.004 | 0.15 | mg/Kg | EPA 7471 | 04/20/94 | NG | |
| Molybdenum, Total | 3. | ND | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Nickel, Total | 1. | 39. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |
| Selenium, Total | 0.5 | ND | mg/Kg | EPA 7740 | 04/24/94 | KP | 1 |
| Silver, Total | 0.2 | 0.6 | mg/Kg | EPA 7760 | 04/21/94 | KP | 1 |
| Thallium, Total | 5. | 5. | mg/Kg | EPA 7840 | 04/21/94 | DO | 1 |
| Vanadium, Total | 2. | 28. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |

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*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 04/17/94 by AL using EPA 3050
- (2) Sample Preparation on 04/18/94 by NT using EPA 3010
- (3) CA WET Extraction (Citrate Buffer) on 04/15/94 by AL

04/26/94

NG/nfg/kjp
5094041701

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick J. Gaone
Nick Gaone
Inorganics Manager

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Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | | | | |
|---|--------|------------|-----------------------|----------|----------|----|-------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 | | | |
| CONSTITUENT | *PQL | RESULT | UNITS | METHOD | ANALYZED | BY | NOTES |
| Zinc, Total | 1. | 70. | mg/Kg | EPA 6010 | 04/22/94 | DO | 1 |

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*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 04/17/94 by AL using EPA 3050

04/26/94

NG/nfg/kjp
5094041701

Respectfully submitted,
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Nick J. Gaone

Nick Gaone
Inorganics Manager

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Lab Number : JK-1182-1
Project : 6945219, AutoPro/TriStar

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | | | | |
|---|--------|------------|-----------------------|------------|----------|----|-------|
| Composite of SP-1,-2,-3 & -4 (Stockpile) | Soil | B.McAloon | 04/12/94 | 04/13/94 | | | |
| CONSTITUENT | *PQL | RESULT | UNITS | METHOD | ANALYZED | BY | NOTES |
| Flashpoint | 1. | >200. | degrees F | EPA 1020 | 04/21/94 | TO | 1 |
| PRESENCE OF CYANIDE | 0.5 | Negative | mg/Kg | ASTM D5049 | 04/14/94 | AB | |
| PRESENCE OF SULFIDE | 10. | Negative | mg/Kg | ASTM D4978 | 04/15/94 | AB | |
| pH | 0.1 | 7.1 | Units | EPA 9045 | 04/14/94 | TO | 2 |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Standard used was 1-butanol which flashed at 97 degrees F.
- (2) Determined in deionized water.

04/22/94

NG/sab/ttn
FP940421A

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

for *Sean Hawvelt*
Nick Gaone
Inorganics Manager

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4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JJ-0374-1
Project : 6-93-5063 Tri-Star/Auto
Pro
Analyzed : 04/11/93
Analyzed by: RB
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|--|---------------------|---------------|-----------------------|----------|
| B-1 | Monitoring Water | Kerry Lefever | 04/08/93 | 04/09/93 |
| CONSTITUENT | (CAS RN) | *PQL µg/L | RESULT µg/L | NOTE |
| Tot. SV Petr. Hydrocarbs | | 200. | 1700. | 1 |
| Total Petroleum Hydrocarbons (Light Petroleum Distillate, C7 - C12) | | | 57. | |
| Percent Surrogate Recovery | | | 13. | |
| Naphthalene | (91203) | 5. | 24. | |
| Methylnaphthalenes | | | | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 04/09/93 by HHH using EPA 8270

04/13/93
MSD2/2G51A
MC/r1b/mcc
BNA0409

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Marissa Coronel
Marissa Coronel
Laboratory Director



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CLIENT: Mike Quillin
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4090 Nelson Avenue Suite J
Concord, CA 94520

Lab Number : JJ-0374-3
Project : 6-93-5063 Tri-Star/Auto
Pro
Analyzed : 04/11/93
Analyzed by: RB
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | |
|--|----------|---------------|-----------------------|----------|
| B-1 @ 12 | Soil | Kerry Lefever | 04/08/93 | 04/09/93 |
| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE |
| Tot. SV Petr. Hydrocarbs | | | | 1,2 |
| Total Petroleum Hydrocarbons (Motor Oil) | | 5. | 31. | |
| Percent Surrogate Recovery | | | 76. | |


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 04/11/93 by HTH using EPA 3550
- (2) Fuel pattern is similar to motor oil.

04/13/93
MSD2/2G61A
MC/rlb/mcc
BNA0411

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Marissa Coronel
Laboratory Director



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Lab Number : JJ-0374-4
Project : 6-93-5063 Tri-Star/Auto
Pro
Analyzed : 04/11/93
Analyzed by: RB
Method : EPA 8270

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

| SAMPLE DESCRIPTION | MATRIX | SAMPLED BY | SAMPLED DATE RECEIVED | | |
|--|----------|---------------|-----------------------|----------|--|
| B-2 @ 11 | Soil | Kerry Lefever | 04/08/93 | 04/09/93 | |
| CONSTITUENT | (CAS RN) | *PQL mg/Kg | RESULT mg/Kg | NOTE | |
| Tot. SV Petr. Hydrocarbs | | | | 1 | |
| Total Petroleum Hydrocarbons (Light Petroleum Distillate, C7 - C12) | | 5. | 37. | | |
| Percent Surrogate Recovery | | | 69. | | |

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 04/11/93 by HTH using EPA 3550

04/13/93
MSD2/2G56A
MC/r1b/mcc
BNA0411

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Marissa Coronel
Marissa Coronel
Laboratory Director

TABLE 3

GROUNDWATER ANALYTICAL RESULTS - UTILITY TRENCH BACKFILL BORING

**Autopro Facility
5200 Telegraph Avenue
Oakland, California**

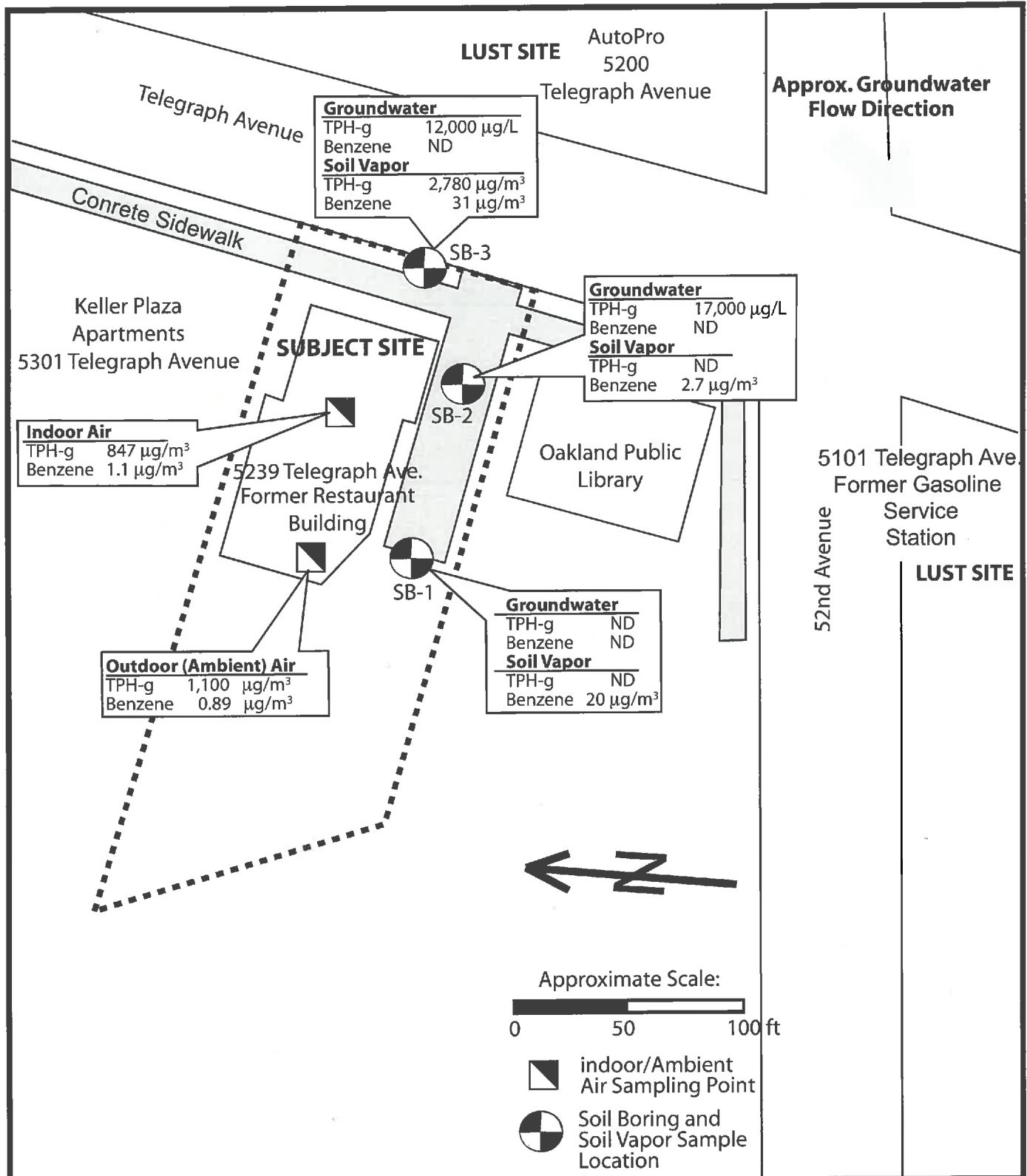
B-2 →

| | | | | | | | | | |
|----------|--------|--------|--------|-----|----|----|----|------|-----|
| 08/07/04 | 29,000 | <2,500 | 57,000 | 9.5 | 11 | 36 | 29 | <5.0 | ND* |
|----------|--------|--------|--------|-----|----|----|----|------|-----|

Notes:

- TPHd = Total Petroleum Hydrocarbons as Diesel
- TPHmo = Total Petroleum Hydrocarbons as Motor Oil
- TPHg = Total Petroleum Hydrocarbons as Gasoline
- MTBE = methyl tertiary butyl ether.
- MCL = (Maximum Contaminant Level) -
- ND* = Not detected for all oxygenates
- µg/L = micrograms per liter or parts per billion (ppb).
- < = less than listed detection limits.

Checked SAL
Approved [Signature]



**Boring/Sample Locations and Analytical Results
5239 Telegraph Avenue, Oakland, CA**

Figure 1
May 11, 2007

- Three groundwater samples were analyzed for TPH-g and MBTEX using EPA Method 8021/8015.
- One groundwater sample was analyzed for TPH-Diesel and Motor Oil by U.S. EPA Method 8015M.

D.4 Groundwater Survey Analytical Results

The results of the groundwater analyses were as follows:

Table 1
Groundwater Analytical Results
(Reported in micrograms per liter (µg/L))

| Sample | TPH-g | MTBE | B | T | E | X |
|--------|--------|------|------|------|------|------|
| SB-1 | <50 | <5.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| SB-2 | 17,000 | <50 | <5.0 | 27 | 15 | <5.0 |
| SB-3 | 12,000 | <50 | <5.0 | 11 | 14 | <5.0 |
| ESLs | 100 | 500 | 1.0 | 40 | 30 | 20 |

TPH-g = Total petroleum hydrocarbon as gasoline.

MBTEX = Methyl tert butyl ether, benzene, toluene, ethylbenzene and xylenes.

NA = Not analyzed, <50 = Not detected at laboratory detection limit of 50 µg/L.

ESL = Environmental Screening Level as set forth by the RWQCB, Feb. 2005, Table 1A.

The laboratory reported that the hydrocarbons detected in the samples were in the gasoline (TPH-g) range. TPH-g was detected in Borings SB-2 and SB-3 at concentrations of 17,000 and 12,000 µg/L, respectively. MTBE, benzene and xylenes were not detected. Toluene and ethylbenzene were detected in SB-2 and SB-3 at low concentrations. TPH and MBTEX were not detected in SB-3. The TPH-g concentrations in SB-2 and SB-3 exceeded the Final Groundwater Screening Level of the Regional Water Quality Control Board (RWQCB) of 100 µg/L.

Based on the laboratory results, a plume of TPH-g in groundwater exists beneath the eastern portion of the subject site. The plume has not migrated to the central or western portion of the subject site as indicated by the "non-detect" concentrations in SB-1.

Based on environmental investigations performed by others on the 5200 Telegraph Avenue LUST site (AutoPro), the plume of TPH-g contamination in groundwater originating from this site had migrated in southwesterly direction and, the consultant concluded, that the subject site (5239 Telegraph Avenue) had not been affected by the plume.

Based on the results of this subsurface investigation, it appears that either the contamination from the AutoPro site has traveled to the subject site, in a migration pathway such as an utility trench not tested by the consultants of AutoPro, or there was another unreported fuel leak or spill on Telegraph Avenue. There was no indication that

E.3 Soil Vapor Analytical Results

Table 2
Soil Vapor Analytical Results
(Reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$))

| Sample | TPH-g | MTBE | B | T | E | X | PCE |
|--------|--------|-------|-----|--------|---------|---------|---------|
| SB-1 | <35.2 | <0.36 | 20 | 170 | 22 | 84 | 8.2 |
| SB-2 | <35.2 | <0.36 | 2.7 | 14 | 1.5 | 6.0 | ND<0.68 |
| SB-3 | 2,780 | <0.36 | 31 | 320 | 42 | 170 | 4.9 |
| ESLs | 26,000 | 9,400 | 85 | 63,000 | 420,000 | 150,000 | 410 |

TPH-g = Total petroleum hydrocarbon as gasoline.

MBTEX = Methyl tert butyl ether, benzene, toluene, ethylbenzene and m,p-xylenes.

PCE = Tetrachloroethene, aka: PERC or dry-cleaning solvent.

<50 = Not detected at laboratory detection limit of $50 \mu\text{g}/\text{m}^3$.

TPH-g was detected in soil vapor from SB-3 at concentrations of $2,780 \mu\text{g}/\text{m}^3$, which was below the ESL of $26,000 \mu\text{g}/\text{m}^3$. MTBE was not detected in any of the three borings. BTEX was detected in all three borings at low concentrations, below the ESLs.

Other VOCs detected in the soil vapor included trimethylbenzene, ethyl-toluene, methyl-pentanone, acetone, carbon disulfide, dichlorodifluoromethane, hexane, isopropanol, styrene, tetrachloroethene (PCE), and trifluoromethane. These VOCs were detected at very low concentrations and are not an environmental concern.

Based on the laboratory results for soil vapor samples collected at three locations, elevated concentrations of gasoline and other volatile chemicals were detected in SB-3, which was the boring directly adjacent to Telegraph Avenue. The concentrations were below the "Shallow Soil Gas Screening Levels for Evaluation of Potential Vapor Intrusion Concerns" as defined by the RWQCB. Based on the location of the elevated concentrations adjacent to the street, and the low concentrations, there is a low potential that indoor air spaces of future onsite structures would be affected. However, as a safety precaution, SCHUTZE & Associates, Inc. recommends the installation of vapor barriers or sub-slab venting equipment in future structures.

F. INDOOR AIR SURVEY

TPH-g and BTEX were detected in groundwater and soil vapor beneath the eastern portion of the subject site, adjacent to Telegraph Avenue. Because of the presence of these compounds SCHUTZE & Associates, Inc. recommended an indoor air survey to further evaluate a potential health risk to humans.

As part of pre-sampling activities, SCHUTZE & Associates, Inc. reviewed specific features of the restaurant building. Based on the building layout, SCHUTZE & Associates, Inc. selected one indoor-air sampling location, which was in the central