ConocoPhillips
76 Broadway
Sacramento, California 95818

March 23, 2009

Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

Re: ***Revised Site Assessment Work Plan***
76 Service Station # 6129 RO # 058
3420 35th Avenue
Oakland, CA

Dear Ms. Jakub:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Terry L. Grayson
Site Manager
Risk Management & Remediation

March 24, 2009

Ms. Barbara Jakub
Alameda County Health Care Service Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Revised Site Assessment Work Plan
76 Service Station No. 6129
3420 35th Avenue
Oakland, California
Fuel Leak case No. RO0000058

DELTA

Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) has prepared this Revised Site Assessment Work Plan for lateral and vertical delineation, as requested by Alameda County Environmental Health (ACEH) in a letter to COP, dated June 20, 2008. A copy of the letter is presented as Attachment A. Delta proposes the advancement of ten Cone Penetration Tool (CPT) borings and the installation of two monitoring wells at the above-referenced site.

During the previous investigation at the site petroleum hydrocarbon impacted soil and groundwater were below a depth of 30 feet below ground surface (bgs). Therefore, Delta is proposing the advancement of ten CPT borings to a minimum depth of 45 feet bgs to determine the vertical extent of the petroleum hydrocarbon impact to the soil and groundwater beneath the site.

a member of: Inogen Environmental Alliance

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Phone +1 916.638.2085 / USA Toll Free 800.477.7411
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Site Description

The site is located at an elevation of approximately 185 feet above mean sea level (msl) and slopes gently to the southwest (Figure 1). An Exxon service station was located northeast immediately across Quigley Street from the site, but is no longer operational. The Exxon site operated from 1986 to 2000 at which time the site was sold to Valero.

Site features previously included one waste-oil UST, one clarifier beneath the central hydraulic lift, and two floor drains, all of which have been removed.

The site is currently an active 76 Service Station that dispenses gasoline stored in two 12,000-gallon underground storage tanks (UST) from two dispenser islands. Current site features include one waste-oil UST, three hydraulic lifts (part of the automotive repair facility), and three groundwater monitoring wells (MW-1 through MW-3). A site map including former and current site features is presented as Figure 2.

Groundwater at the site is present at approximately 29.5 feet below ground surface (bgs) as measured in monitor wells MW-1 through MW-3 on June 20, 2008, and the calculated flow direction is to southwest with a gradient of 0.014 feet per foot (ft/ft). The groundwater hydraulic parameters at the site have been consistent through the life of the project. Historic groundwater flow directions presented as a Rose Diagram are included as Attachment B.

Previous Assessment

In September 1989 two 10,000-gallon UST and one 550-gallon waste oil UST were removed from the site. Analytical data from soil samples collected beneath the gasoline and waste-oil UST and product piping indicated that petroleum hydrocarbons were present in each sampling area. Three groundwater monitoring wells were installed (MW-1 through MW-3) in December 1989 to depths of 44 feet bgs. Four soil borings, EB-1 through EB-4, were advanced at the site in March 1990 in the vicinity of monitoring well MW-3 to define the petroleum hydrocarbon impact to soil. Based on the data from the soil sampling from the four soil borings, in April 1991 approximately 230 cubic yards of soil were excavated from the area between the dispenser islands and in the vicinity of monitoring well MW-3. The excavation was conducted in a manner that did not impact monitoring well MW-3. Analytical data from the soil samples collected subsequent to the excavation activities indicated that most of the petroleum hydrocarbon impacted soil had been removed from the area.

In November 2003, four soil borings; SB-1, and SB-3 through SB-5, were advanced to total depths of 31.5 to 36.5 feet bgs. The proposed soil boring SB-2 was not completed due to underground utilities or structures. Groundwater was encountered at a depth of approximately 35 feet bgs.

Analytical data indicated that methyl tertiary butyl ether (MTBE) was present at concentrations ranging from 0.37 to 0.41 milligrams per kilogram (mg/kg) in the soil samples collected at depths of 26 to 31 feet bgs. Other constituents analyzed in the soil samples were below the laboratory's indicated reporting limits.

The three monitoring wells were sampled on November 13, 2003, and the analytical data indicated that MTBE was present in the groundwater at concentrations ranging from 240 to 3,700 micrograms per liter (µg/L), with the highest concentrations present in monitor wells MW-2 (2,100 µg/L) and MW-3 (3,700 µg/L). Analytical data from the most recent groundwater monitoring event conducted on June 20, 2008, indicated that MTBE concentrations in groundwater at the site are 11 µg/L (MW-1), 1,200 µg/L (MW-2), and 1,300 µg/L (MW-3).

A Site Conceptual Model (SCM) was submitted to ACEH in January 2006.

In September 2006, six cone penetrometer test (CPT) borings were advanced at the site for lithologic interpretation. In November and December 2006 nine borings were advanced for collection of soil and groundwater samples. The results of this investigation were included in the *Soil Boring Site Assessment Report* dated February 19, 2007.

Preferential Pathway Study

Via electronic mail dated June 20, 2008, ACEH provided technical comments in review of Delta's previously submitted work plan (dated September 10, 2008). The letter requests well construction details for the irrigation well located on Arkansas Street, approximately 800 feet west-northwest of the site. Delta was unable to locate any information for this well prior to completion of this work plan. Delta will attempt to obtain the well construction details and include it in the report to be prepared subsequent to the work described below. This well, if located west-northwest of the site would be cross-gradient to the sites groundwater flow direction.

In addition to the request for a preferential pathway study, ACEH requested a revised scope of work, that would better define the existing contaminant plume of methyl-tertiary butyl ether (MTBE) onsite; up, and down-gradient.

Subsurface Conditions

The site is predominately underlain by two to five feet of fill consisting of clayey gravel with sand. Subsurface lithology at the site consists of silt, fat and lean clay with varying amounts of fine- and coarse-grained sand and gravel to the maximum depth explored of 44 feet bgs. Subsurface stratigraphy is laterally discontinuous across the site.

PRE-FIELD ACTIVITIES AND UTILITY LOCATION

Before commencing field activities Delta will prepare a Health and Safety Plan in accordance with state and federal requirements for use during on-site assessment activities. In addition, drilling permits will be obtained for the borings and the groundwater monitoring wells from the Alameda County Public Works Agency (ACPWA) prior to scheduling the field work.

The proposed borings and monitoring well locations will be marked in the field and Underground Services Alert (USA) will be contacted at least 48 hours prior to initiating drilling to minimize the risk of damaging underground utilities. A private utility locator will also be retained to survey the locations and further minimize the risk of damaging underground utilities. Additionally, an air-knife vacuum truck will be used to clear the proposed boring and monitoring well locations to a depth of at least 5 feet bgs prior to drilling.

PROPOSED BORINGS

To further evaluate the horizontal and vertical extent of petroleum hydrocarbon impact to the soil and groundwater in the vicinity of the site, ten CPT on-site borings (B-17 through B-26) will be advanced to a minimum depth of approximately 45 feet bgs. Two monitoring wells (MW-4 and MW-4A) will be advanced to depths of 28 feet bgs and 32 feet bgs, respectively. The proposed location for each boring and monitoring well is depicted on figure 2.

Subsurface Investigation

Borings B-17 through B-26 (figure 2) will be advanced by a licensed contractor using a truck mounted CPT rig. Collected soil samples will be field screened for the presence of volatile organic compounds (VOCs) using a pre-calibrated photoionization detector (PID). The PID measurements will be recorded on the soil boring log by the field geologist. Each soil sample will be classified using the Unified Soil Classification System (USCS). Three boreholes are proposed to be advanced at each CPT location. The initial borehole will be advanced to provide a CPT log of subsurface lithology. The second borehole will be advanced to collect soil samples for identification and laboratory analysis, and to collect a depth-discrete groundwater sample between approximately 40 feet to 45 feet bgs. A third borehole will be advanced to collect a depth-discrete groundwater sample below a depth of 45 feet bgs depending upon subsurface lithology and measured PID readings. Each boring will be backfilled with neat cement upon completion.

Soil Sampling and Laboratory Analysis

Discrete soil samples retained for analysis will be capped with Teflon sheeting and tight-fitting plastic end caps, properly labeled with a unique identification number, placed in an ice-chilled cooler, and transported to a California-certified analytical laboratory with chain of custody documentation. Soil samples retained for laboratory analysis will be analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethyl-benzene, and total xylenes (BTEX), MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA), ethanol, ethylene di-bromide (EDB) - (8 oxygenates) by Environmental Protection Agency (EPA) Method 8260, and CAM 17 metals. Additional analyses will include nitrates, sulfates, ferrous iron, and total organic carbon (TOC).

Soil samples collected from boring B-21 will include the additional analyses of nitrates, sulfates, ferrous iron, TOC, and CAM 17 metals. In addition, soil samples collected from boring B-21 (down-gradient of the former waste oil tank location) will be analyzed for total oil and grease (TOG) using EPA Method 1664, VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, and poly chlorinated biphenyls (PCBs) by EPA Method 8082.

Groundwater Sampling and Laboratory Analysis

The groundwater samples will be placed into the appropriate sample bottles labeled with a unique identification number. The samples will then be placed into an ice-chilled cooler and transported to a California-certified analytical laboratory with chain of custody documentation. The groundwater samples will be analyzed for TPPH, BTEX, MTBE, DIPE, ETBE, TAME, TBA, 1,2-DCA, ethanol, and EDB - (8 oxygenates) by EPA Method 8260, and CAM 17 metals. Additional analyses will include nitrates, sulfates, total organic carbon, ferrous iron, alkalinity and chlorides, specific conductivity, dissolved oxygen (DO), and oxidation reduction potential (ORP).

Groundwater samples collected from boring B-21, down-gradient of the former waste oil tank location, will be additionally analyzed for TOG using EPA Method 1664, VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, CAM 17 Metals. Additional analyses will include nitrates, sulfates, total organic carbon, ferrous iron, alkalinity and chlorides, specific conductivity, DO, and ORP.

MONITORING WELL INSTALLATION

The borings for the proposed monitoring wells MW-4 and MW-4A will be advanced to depths of 28 feet bgs and 32 feet bgs, respectively (figure 2). The borings will be advanced using a limited access rig (LAR) equipped with 8-inch outside diameter hollow-stem auger. Soil samples will be logged

using the USCS for lithologic interpretation and field screened for the presence of volatile organic compounds by headspace analysis using a pre-calibrated PID. Soil samples will be collected for lithologic interpretation and field screening at 5 foot intervals. The soil sample exhibiting the highest PID reading from each boring as well as the one soil sample from just above the water table will be submitted for analysis. Discrete soil samples retained for analysis will be capped with Teflon sheeting and tight-fitting plastic end caps, properly labeled with a unique identification number, placed in an ice-chilled cooler, and transported to a California-certified analytical laboratory with chain of custody documentation. Soil samples retained for laboratory analysis will be analyzed for TPPH, BTEX, MTBE, DIPE, ETBE, TAME, TBA, 1,2-DCA, ethanol, EDB - (8 oxygenates) by EPA Method 8260, and CAM 17 metals. Additional analyses will include nitrates, sulfates, ferrous iron, and total organic carbon.

The borings will be converted to groundwater monitoring wells by installing a 2-inch diameter schedule 40 polyvinyl chloride (PVC) well casing with a screened interval to be determined based on the lithology. The screen interval is anticipated to 4 feet in length with a perforation size of 0.020-inch. The anticipated screen intervals are 24 feet bgs to 28 feet bgs (MW-4) and 28 feet bgs to 32 feet bgs (MW-4A). A sand pack of RMC Lonestar Sand # 2/12 or equivalent will be installed into the annular space and extend approximately one foot above the top of the screen interval.

A one foot thick bentonite seal will be placed on top of the sand pack. The monitoring well will be surged prior to the placement of the bentonite seal to promote settling of the sand pack. The remainder of the annular space will be filled with neat cement and the monitoring well will be fitted with a locking cap and encased in a traffic-rated protective vault placed at existing ground level.

Well Development, Monitoring, and Sampling

The monitoring wells will be developed a minimum of 72 hours after they have been constructed. A minimum of 10 casing volumes of groundwater will be removed from the monitoring wells during the development process.

Subsequent to the installation and development of the newly installed monitoring wells, MW-4 and MW-4A will be incorporated into a quarterly sampling schedule with the existing site monitoring wells and will be monitored and sampled during the next scheduled quarterly sampling event. Well construction diagrams for MW-4 and MW-4A are provided as Figure 3, and Figure 4, respectively.

Groundwater samples collected for analysis from the monitoring wells will be analyzed for TPPH, BTEX, MTBE, DIPE, ETBE, TAME, TBA, 1,2-DCA, ethanol, EDB - (8 oxygenates) by EPA Method 8260, and CAM 17 metals. Additional

analyses will include nitrates, sulfates, total organic carbon, ferrous iron, alkalinity and chlorides, specific conductivity, DO, and ORP.

Wellhead Survey

Following the completion of the new monitoring wells, a California licensed surveyor will survey the northing and easting of the monitoring well using Datum NGVD29 or NAD 88. The monitoring well elevations will be surveyed relative to mean sea level, with an accuracy of +/- 0.01 foot. A global positioning system (GPS) will also be used to survey in the latitude and longitude of the wells to be uploaded into California's Geo Tracker database system. The survey of the well locations will be to sub-meter accuracy.

Disposal of Drill Cuttings and Wastewater

Drill cuttings and decontamination water generated during the soil boring advancement, monitoring well installation, and well development activities will be placed into properly labeled 55-gallon Department of Transportation (DOT) approved steel drums and temporarily stored on the property. Samples of the drill cuttings and wastewater will be collected, properly labeled and placed on ice for submittal to a California-certified laboratory and analyzed for TPPH, BTEX, and MTBE by EPA Method 8260, and total lead by EPA Method 6010B. A chain-of-custody will accompany the samples during transportation to the laboratory. Subsequent to receiving the laboratory analytical results, the drummed drill cuttings and wastewater will be profiled, transported, and disposed of at a COP approved facility.

REPORTING

Following completion of the field work and receipt of analytical results, a site investigation report will be prepared and submitted within 60 days. The report will present the details of the boring activities, including copies of boring permits, and details of disposal activities and copies of disposal documents. Required electronic submittals will be uploaded to the State Geotracker database.

REMARKS/SIGNATURES

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report will be performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as

contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have questions regarding this site assessment work plan, please contact Jim Barnard at (916) 503-1279.

Sincerely,
DELTA CONSULTANTS

James B. Barnard

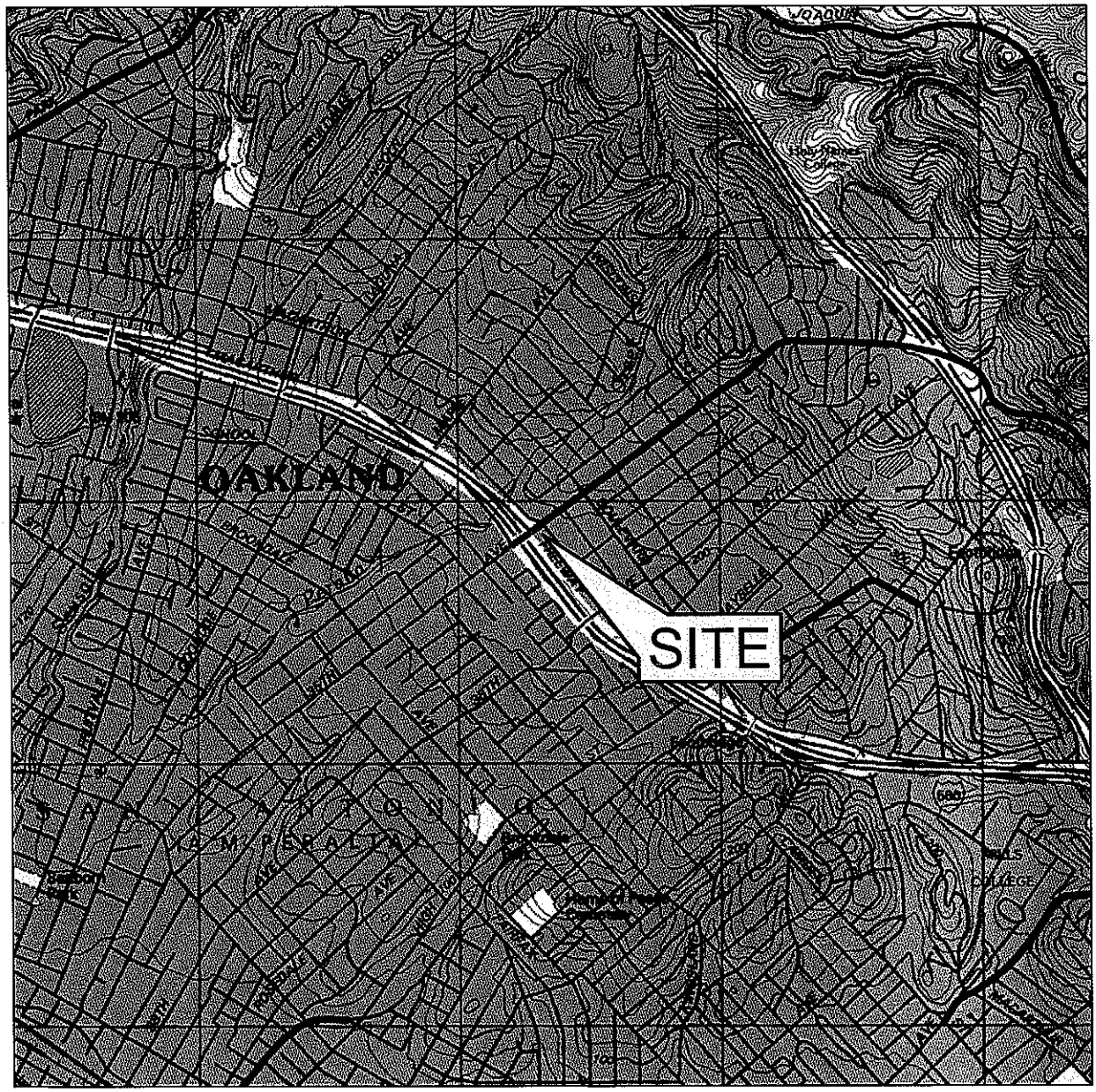
James B. Barnard, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7478

Figures
- Figure 1 – Site Location Map
- Figure 2 – Site Plan
- Figure 3 – MW-4, Well Construction Details
- Figure 4 – MW4A, Well Construction Details

Attachments
- Attachment A – ACHCSA Letter, June 20, 2008
- Attachment B – Historical groundwater Flow Directions

cc: Mr. Terry Grayson – ConocoPhillips (electronic copy)

Figures



North

FIGURE 1

SITE LOCATION MAP

76 STATION NO. 6129
3420 35th AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 09/09/08
FILE NO. Site Locator 6129	PREPARED BY DD
REVISION NO. 2	REVIEWED BY

DELTA

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, OAKLAND EAST QUADRANGLE, 1967

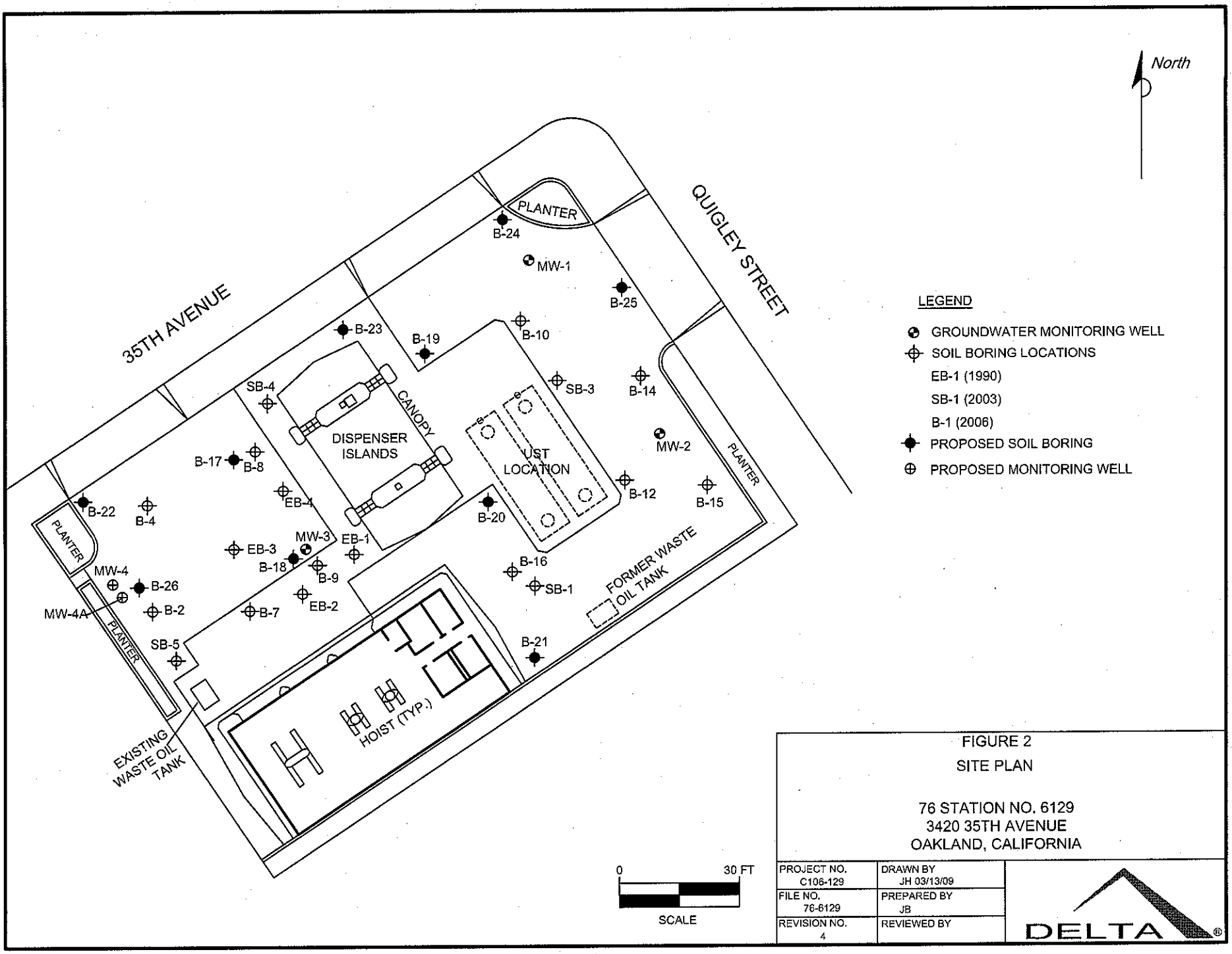


FIGURE 2
SITE PLAN

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 03/13/09
FILE NO. 76-6129	PREPARED BY JB
REVISION NO. 4	REVIEWED BY

DELTA®

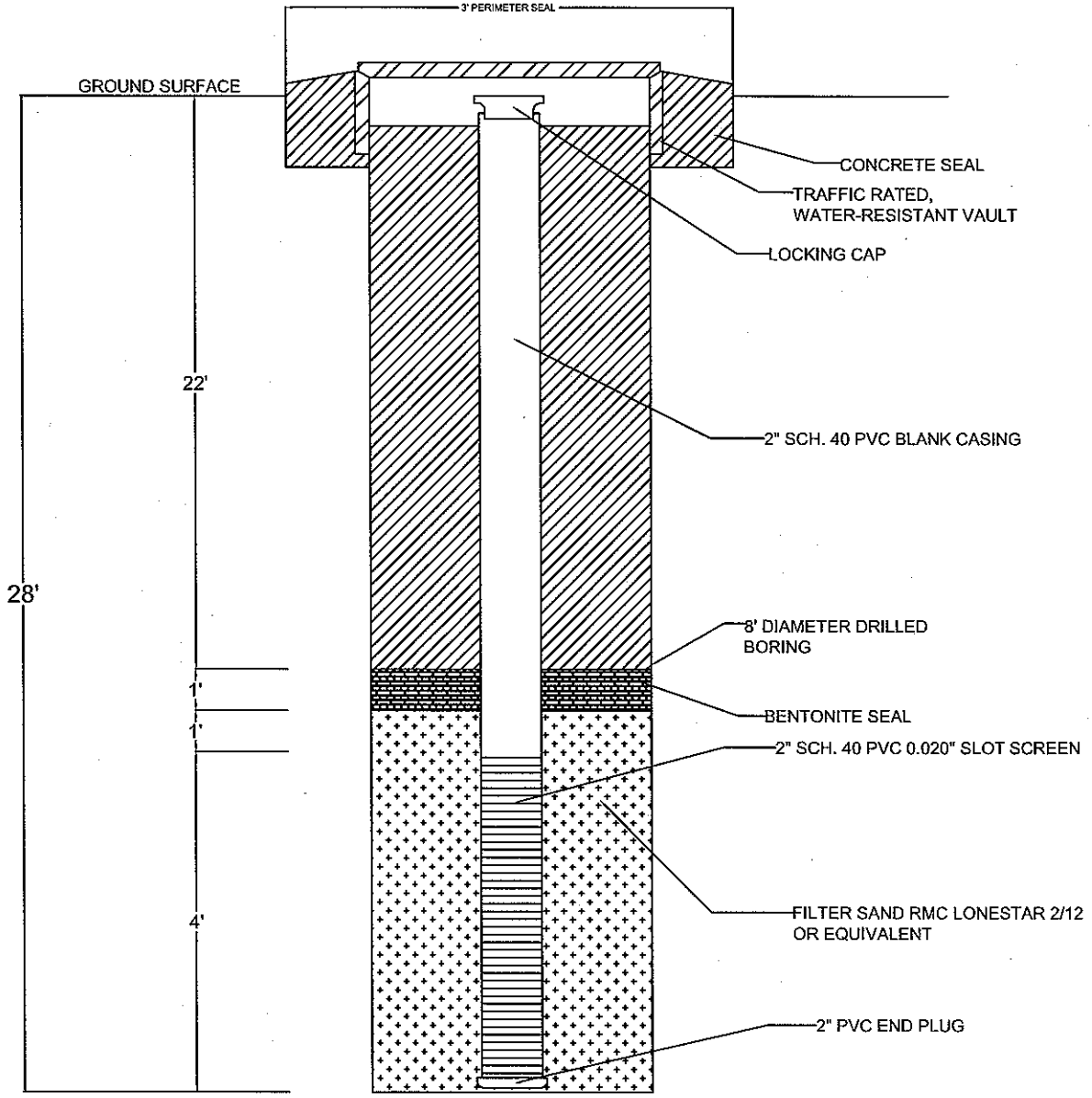


FIGURE 3

PROPOSED GROUNDWATER MONITORING
WELL MW-4 CONSTRUCTION DETAIL

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106129	DRAWN BY JH 09/09/08
FILE NO. 6129-WELLDETAIL	PREPARED BY DD
REVISION NO.	REVIEWED BY

DELTA

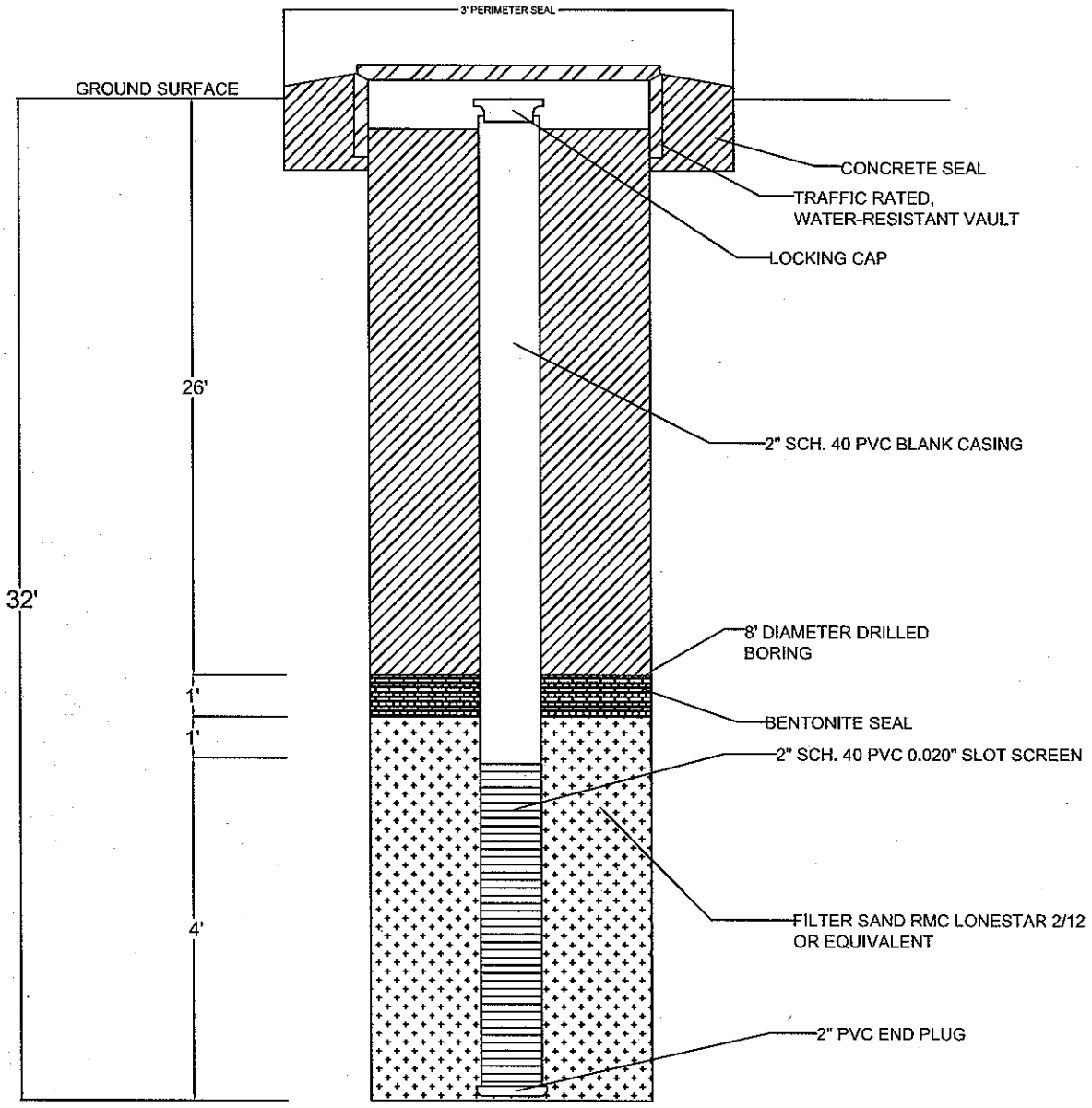


FIGURE 4

PROPOSED GROUNDWATER MONITORING
WELL MW-4A CONSTRUCTION DETAIL

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106129	DRAWN BY JH 09/09/08
FILE NO. 6129-WELLDETAIL	PREPARED BY DD
REVISION NO.	REVIEWED BY

DELTA

Attachments

Attachment A

ACHCSA Letter, June 20, 2008

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

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

June 20, 2008

Mr. Bill Borgh (via electronic mail)
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Son T. Nguyen
3420 35th Avenue
Oakland, CA 94619-1303

Subject: Fuel Leak Case No. RO0000058 and Geotracker Global ID T0600101465, Unocal #6129, 3420 35th Ave, Oakland, CA

Dear Messrs. Borgh and Nguyen:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the document entitled, *Soil Boring Assessment Report*, dated February 15, 2007 and prepared by Delta Environmental Consultants. The 2007 *Soil Boring Assessment Report* presents soil and groundwater sample results from on-site soil borings. Results from the investigation indicate that petroleum hydrocarbons and fuel oxygenates are present at elevated concentrations in soil and groundwater on-site and that the lateral and vertical extent of petroleum hydrocarbons and fuel oxygenates has not been determined. The 2007 *Soil Boring Assessment Report* also includes recommendations for additional work.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Dissolved Contaminant Plume Definition.** Up to 2,500 micrograms per liter methyl tertiary butyl ether (MTBE) was detected in the groundwater samples collected during your soil boring assessment. The groundwater samples collected at the site indicate that the lateral and vertical extent of the dissolved petroleum hydrocarbon and MTBE plumes is undefined.

   ACEH concurs that additional monitoring wells should be installed on-site downgradient of the dispenser islands and near boring B-2. We request that you install a depth discrete groundwater monitoring network of wells with sand pack intervals no longer than 2 to 5 feet. This may require that you install multiple wells or multichamber wells. Please include the proposed depths and construction details of the wells are to be presented in the Work Plan requested below.

In addition to installing these wells, ACEH recommends that you fully investigate both the lateral extent of petroleum hydrocarbons and oxygenates offsite and the vertical extent of petroleum hydrocarbons and oxygenates on-site by advancing depth discrete borings. As seen in your samples collected at depth hydraulically downgradient of the dispensers, hydrocarbons and oxygenates are present in the deepest samples collected.

2. **Source Area Soil Definition.** Soil samples collected at the site indicate that the lateral and vertical extent of the contamination is undefined in all directions. Soil samples collected below 30 feet below grade contain MTBE. Please submit a work plan to define the lateral and vertical extent of these constituents in source area soils.

3. **Off-site Upgradient Source of MTBE.** Delta proposed installing a well upgradient of your site. There is a former Exxon station upgradient of you site which is an open ACEH case, (Case Number RO0002515). You recommend that you review the files for that site and determine if you need to install an upgradient well or if Exxon's investigations provide this data. Once again, if you wish to install a well to the northeast, we recommend that the sand pack interval not exceed 2 to 5 feet.

4. **Preferential Pathway Study.** In the Fourth Quarter 2005 Quarterly Summary Report, Delta identified an irrigation well on Arkansas Street approximately 800 feet from the site. The total depth is stated as 62 feet below ground surface (bgs) and depth to water at 18 feet bgs. Please provide the well construction details and include an evaluation of whether this well is a potential receptor. Please include this information in the report requested below.

5. **Coordinated Groundwater Monitoring.** Two known fuel leak cases are present in the vicinity of 35th Avenue and Quigley Street: the subject site and the Former Exxon#7-0234 at 3450 35th Avenue. Available information indicates that the Exxon release may have contributed to the contamination under the subject site. Available information is insufficient to determine the relative magnitude of each release and the extent of each plume. Plume commingling does not exempt any of the responsible parties from cooperating to define the extent of contamination in all directions.

   We request that Conoco Phillips and ExxonMobil (by copy of this letter) coordinate water level measurements and groundwater sample collection dates for the two sites. This includes collecting water level data and contaminant concentration data on the same day, sharing these results and including the data in each report. Coordinated sampling should begin once Exxon installs groundwater monitoring wells. **Maps and data tables, included with the quarterly monitoring reports for each site, are to include data from wells on and off of both sites.**

REQUEST FOR INFORMATION

ACEH's case file for the subject site contains only the electronic files listed on our website at http://www.acgov.org/aceh/index.htm. You are requested to submit copies of all other reports related to environmnental investigations for this property (including Phase I reports) by **July 16, 2008.**

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), according to the following schedule:

- **September 22, 2008** – Work Plan

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an

appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,

Barbara Jakub, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Mr. Dennis Dettloff, Delta Environmental Consultants, Inc., 11050 White Rock Road, Rancho Cordova, CA 95670, (via electronic mail)
Ms. Jennifer Sedlachek, Exxon Mobil Refining & Supply Company, 4096 Piedmont Avenue #194, Oakland, CA 94611 (via electronic mail)
Paula Sime, Environmental Resolutions, Inc., 601 North McDowell Blvd., Petaluma, CA 94954-2312 (via electronic mail)

Donna Drogos, ACEH, (via electronic mail)
Barbara Jakub, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.** (Please do not submit reports as attachments to electronic mail.)
- **It is preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
         or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses,** and the **Case Numbers (RO# available in Geotracker) you will be posting for.**

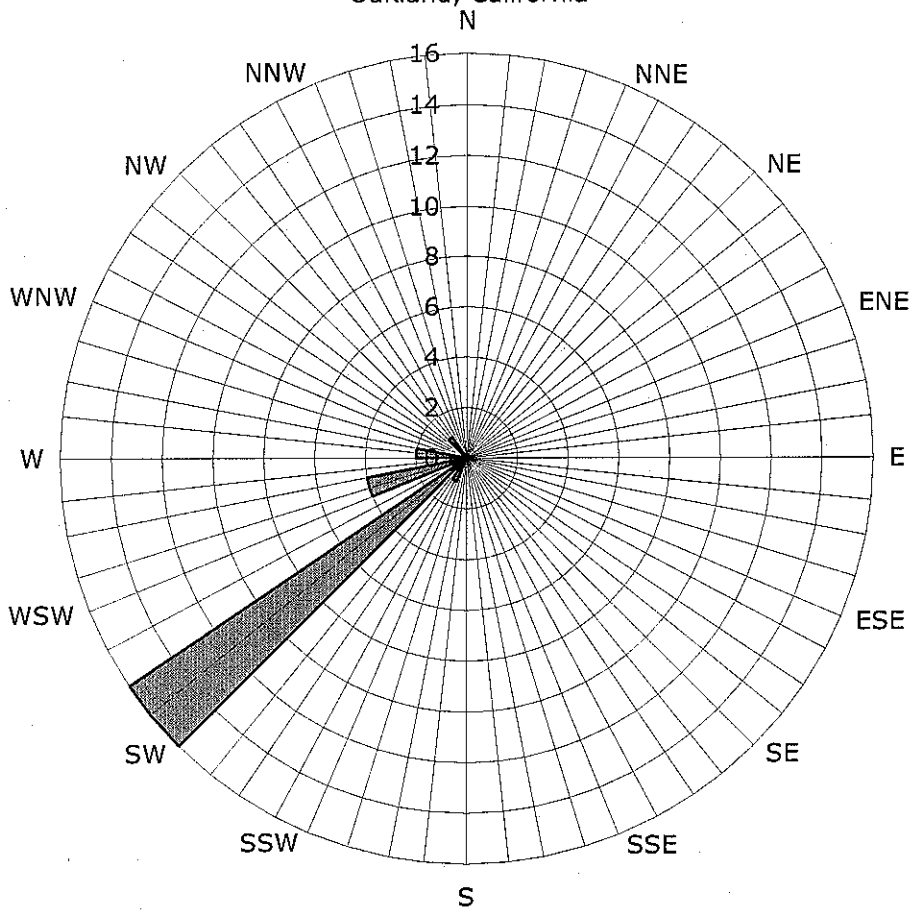
2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload)

Attachment B

Historical Groundwater Flow Directions

Historic Groundwater Flow Directions
ConocoPhillips Site No. 6129
3420 35th Avenue
Oakland, California



Legend
Concentric circles represent quarterly montoring events
First Quarter 1990 through
Fourth Quarter 2008
24 data points shown

Groundwater Flow Direction