WellTest, Inc.
Contractor License No. 843074

May 27, 2015

Mark Detterman
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Shallow Soil Site Investigation Work Plan (WTI # 4507)
Batarse Property, 1424-1560 105th Avenue & 10550 International Boulevard, Oakland, California
Alameda County LOP Case # RO3151

Dear Mr. Detterman:

At the request of Mr. Anthony Batarse, Jr., WellTest, Inc. (WTI) has prepared this *Shallow Soil Site Investigation Work Plan* for the above-referenced voluntary clean-up program case. This report was prepared to comply with Item 2 of the Alameda County Health Services Agency (ACHSA) directive dated May 19, 2015 (Attachment A). Tasks detailed in this plan will be completed by July 1, 2015.

Site Investigation and Remedial History

The site has a complicated environmental history which began with the removal of a gasoline UST from the 10500 International Blvd. portion of the property in 1993. More recently, in 2001, as part of a redevelopment plan with the OUSD, which eventually fell thru, an extensive soil and groundwater investigation was conducted on the subject site by Levine Frick Recon (LFR). Their investigation involved advancing a total of 62 borings in and around the subject site. A total of 52 groundwater and 279 soil samples were collected from the borings and analyzed for potential contaminants of concern (COCs). A risk analyses, including potentials for Human Exposure was performed as part of the LFR PEA. The results of the PEA investigation identified one area of concern in which concentrations of COCs exceeded action levels for residential development in soil and groundwater. LFR recommended remedial action consisting of over-excavating and off-hauling identified petroleum contaminated soils in this area. A Remedial Action Work Plan (RAW) for this work was prepared by LFR and submitted to the OUSD. Subsequently, and over the following seven months after the initial RAW submittal, the Department of Toxic Substances Control (DTSC), who was the oversight agency for the OUST project, went through a series of evaluations, feedback, and comments with LFR on the RAW, which resulted in the addition of five areas of concern that they desired to be added to original Remedial Plan. The addition of these five areas of concern apparently exceeded the residential exposure and clean-up standards that had been followed, determined and proposed in LFR's original RAW for the Property. This was likely because the occupancy had been intended for school use, for which the DTSC could require more stringent standards. However, when the redevelopment plan fell through with the OUSD, no remedial action took place at the site at that time.

In early 2015, a developer entered into a purchase agreement with the Property owner. The developer desires to rezone a portion of the Property for residential occupancy. As the RAW plan for the OUSD had been based on school occupancy, the Property owner opened a voluntary clean-up case with the County and proposed using the LFR plan as the guideline for clean-up activities. This was approved by the County, and excavation and disposal of affected soils from five areas of concern on the Property was performed in February 2015. Documentation of this work and remedial activities are presented in WTI's *Excavation Documentation Report* dated April 9, 2015.

Purpose and Proposed Work

The purpose of this Work Plan is to better characterize potential contaminates of concern within shallow soils less than 2 feet. below grade surface (bgs). This Work Plan encompasses the collection and analytical laboratory analyses of shallow soil samples from a proposed 10 additional areas on the site as shown on Figure 3. The proposed positioning of the samples is based on the following: 1) Known past and present building locations, 2) Vehicle parking areas, and 3) Past and present activities at the site. Additional consideration was given to the existence and positioning of nine shallow (< 2 ft. bgs) samples collected by Levine-Fricke (LFR) during their 2001 PEA conducted on the Property. Figure 3 illustrates the LFR shallow sample locations, and the locations of the samples proposed by this Work Plan. Attachment B contains copies of Tables from the LFR 2001 PEA showing the pertinent shallow samples, their depth, and analytical results. Data from the LFR sampling work will be used to supplement the results of this sampling event, and will be included in our Technical Report.

Soil Sampling Procedures

Exploratory borings at each sample location will be advanced by utilizing either a direct-push drill rig or with a hand-auger depending on accessibility and cost. Where necessary, surface materials (asphalt or concrete) will be cored to expose the native soils. Soil samples collected by hand will be bored to a depth of 1 ft. bgs using a hand auger. The auger will be cleaned with Alconox after each boring. Soil samples will be recovered within two inch diameter by three inch stainless steel or brass sleeves. Soil samples from each boring will be recovered using a bullet sampler and a slide hammer. The sample sleeve within the bullet sampler will be placed at the sample location and driven into the soil until the liner is completely filled. All liners will immediately be sealed with Teflon and plastic caps. The caps will be sealed with silicone tape, labeled, sealed in individual plastic bags, and placed in a pre-chilled ice chest with ice to remain at 4º Celsius (ºC) until they arrive at the lab.

If samples are collected with a direct=push drill rig, the soil borings will be drilled by a C57 licensed driller under the direction of a licensed State of California Professional Geologist. A two-inch diameter steel Macro-Core barrel will be driven to the desired depth (2 ft bgs). The core barrels will be lined with clear plastic disposable tubing to facilitate continuous soil coring and soil logging of encountered materials. Soils will be logged using the United Soil Classification System (USCS). Soil samples from the bottom of each boring will be retained for laboratory analysis. All soil samples will be collected by cutting the desired section of disposable plastic tubing, sealing the ends of the tube with Teflon™ tape, and capped. The caps will be sealed with silicone tape, labeled, sealed in individual plastic bags, and placed in a pre-chilled ice chest with ice to remain at 4º Celsius (ºC) until they arrive at the lab.

Soil from the borings will be placed on and covered with 10 mil. plastic sheeting or within a 55-gallon drum in a secure location on the site pending analytical laboratory test reports, and will be properly disposed of thereafter in accordance with the findings. Borings will be backfilled to the surface with a neat cement grout. Where appropriate, the surface may be re-covered with concrete.

Laboratory Analyses of Shallow Soil Samples

Samples collected will be analyzed at a California State-certified laboratory for the presence of Total Petroleum Hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, total xylenes (BTEX) and MTBE by EPA Analytical Test Method SW8260b, Total Petroleum Hydrocarbons as diesel (TPHd) and motor oil (TPHmo) by EPA Test Method 8015b, and the Metals of concern (Lead, Arsenic, Zinc), by EPA Test Method 6010B, and Organochlorine Pesticides and Polychlorinated Biphenyls (PCBs), by EPA Method 8081.

Technical Report

Following receipt of the laboratory analytical data, WTI will prepare and submit a Technical Report to the ACHSA and GeoTracker databases. The report will include the following: 1) A description of the work performed and sampling methods; 2) Data tables; 3) A map showing the sample locations; 4) Laboratory reports and chain-of-custody records; 7) A discussion of the results of the work, and if the objectives of this Work Plan were satisfied; and 8) WTI's conclusions and recommendations. The report will be signed by a State of California Professional Geologist.

All on site tasks and laboratory testing will be completed within approximately two (2) weeks of regulatory approval of this Work Plan. The Technical Report will be prepared and submitted within two weeks of receipt of the analytical data.

Closing Statement

I certify that the work presented in this report was performed under my supervision. To the best of my knowledge, the data contained herein are true and accurate, and the work was performed in accordance with professional standards. If you have any questions, please contact WTI at (408) 287-2175.

Sincerely
WellTest, Inc.

William R. Dugan, P.G.
Professional Geologist (CA# 6253)

List of Figures and Attachments

Figure 1 Topographic Vicinity Map
Figure 2 Aerial Photograph of Site Area
Figure 3 Proposed Boring and Sample Locations

Attachment A Directive Letter (May 19, 2015)
Attachment B Supporting Documentation for Figure 3
Attachment C Client Authorization Letter

This Work Plan is based upon a limited specific scope of work per the request of the Client and the Alameda County Health Care Services Agency. This document is intended only for the use of WTI's client and those listed in the distribution section of the report. WTI does not accept liability for unauthorized reliance or use by any other third party. WTI makes no express or implied warranty in regards to the contents of this Work Plan.

FIGURES

APPROX. SCALE

0 1.0 2.0 MI

SOURCE: USGS 1:24,000 SCALE SERIES SAN LEANDRO, CA QUAD

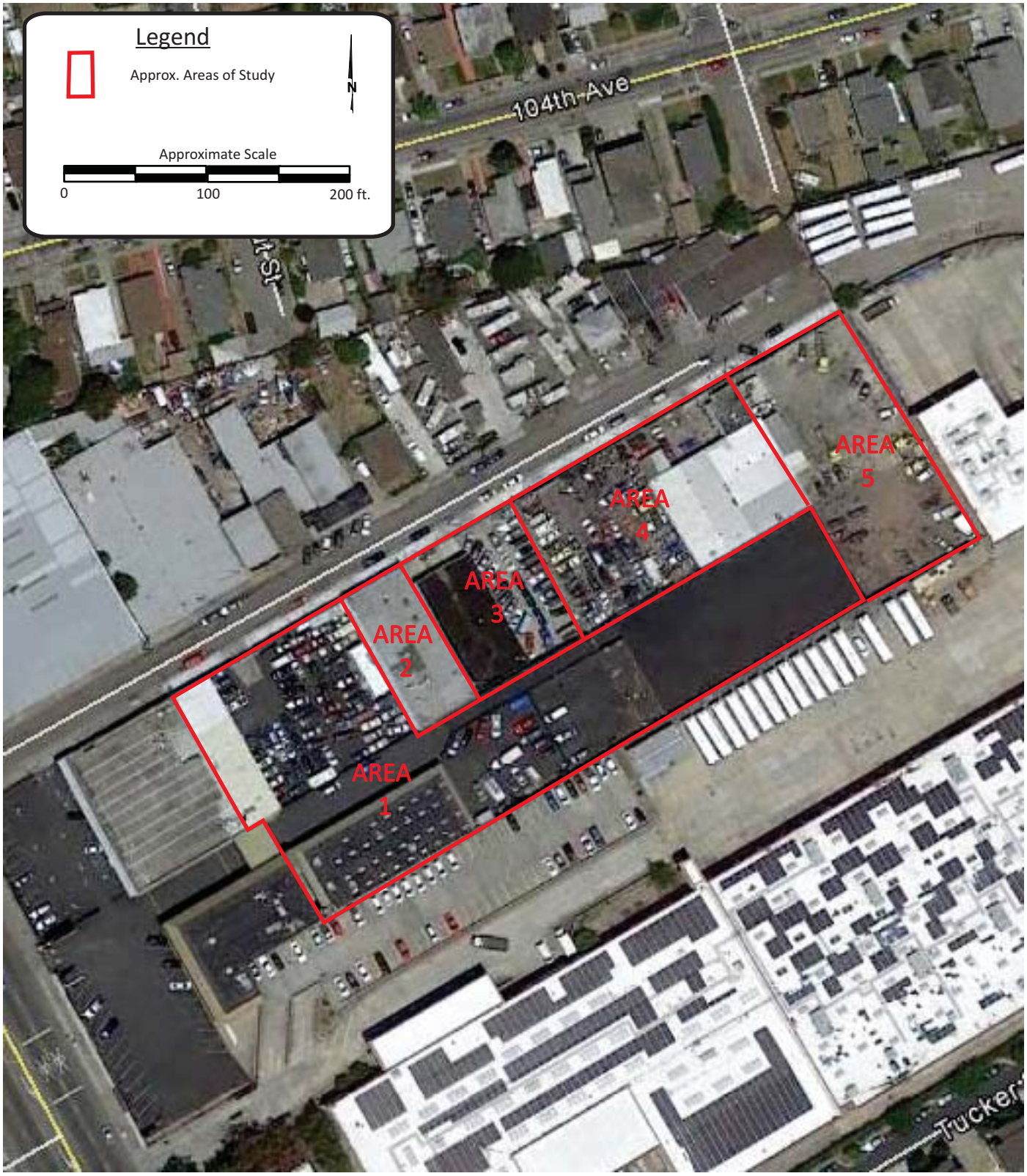
WellTest, Inc.
Contractor License No. 843074

10500 INDUSTRIAL BLVD.
OAKLAND, CALIFORNIA

SITE VICINITY TOPO MAP

FIGURE

1



WellTest, Inc.
Contractor License No. 843074

10500 INDUSTRIAL BLVD.
OAKLAND, CALIFORNIA

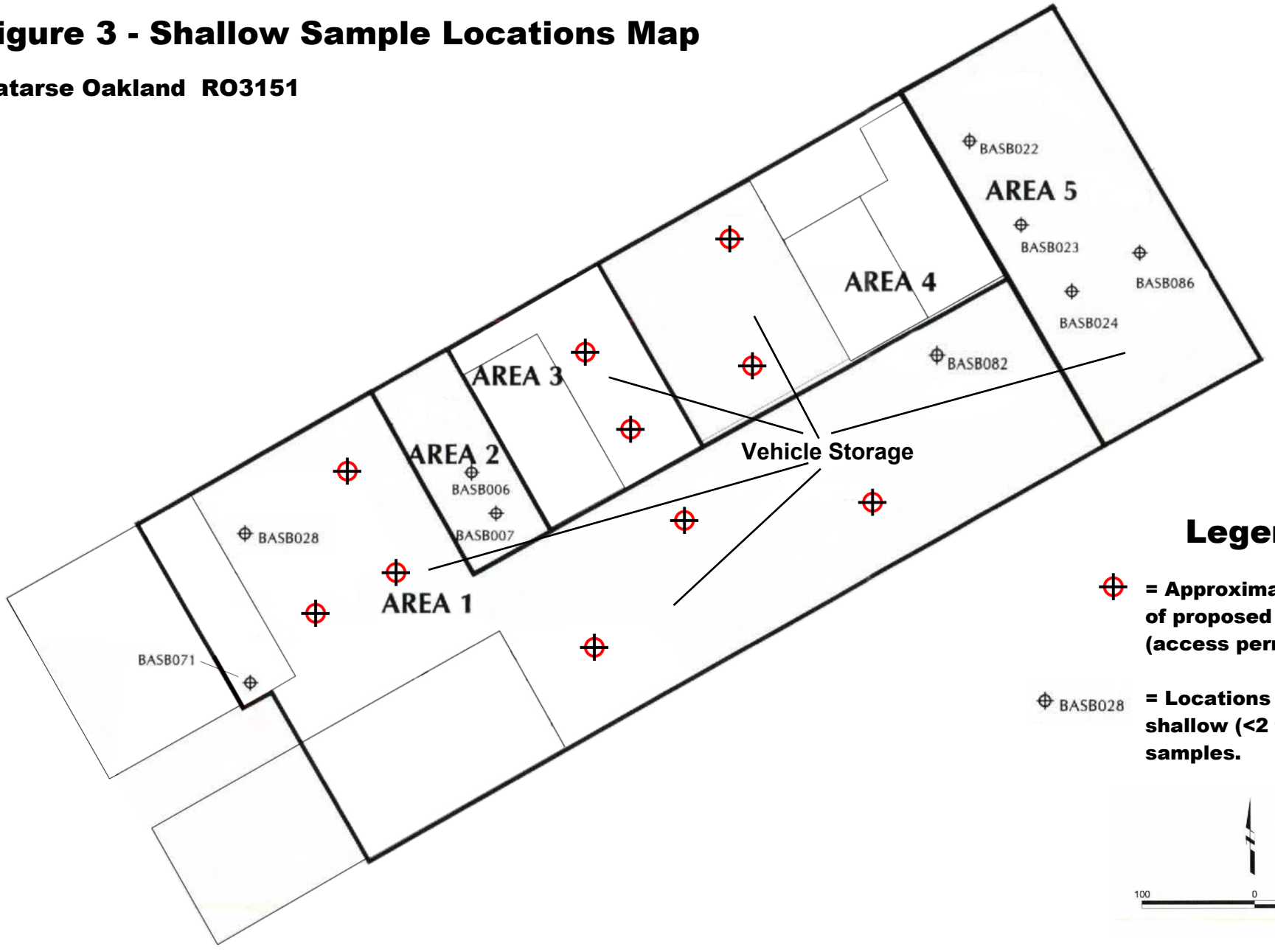
AERIAL PHOTOGRAPH OF SITE VICINITY

FIGURE

2

Figure 3 - Shallow Sample Locations Map

Batarse Oakland RO3151



ATTACHMENT A

Directive Letter (May 19, 2015)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

May 19, 2015

Mr. Anthony Batarse, Jr.
10550 International Boulevard
Oakland, CA 94603
(Sent via email to anthonya@batarse.com)

Subject: Request for Work Plan and Site Management Plan; Site Cleanup Program Case No. RO0003115 and Geotracker Global ID T0000006347, 10550 International Boulevard, Oakland, CA 94603

Dear Mr. Batarse:

Alameda County Environmental Health (ACEH) staff has reviewed the case file including the *Excavation Documentation Report,* dated April 9, 2015, and the *Supplemental Information Report,* dated April 23, 2015. The documents were generated and submitted on your behalf by WellTest, Inc. (WellTest). The remedial excavation report documented the excavation and confirmation sampling of five areas at the site that contained contaminants of concern. The results appear to indicate that contaminants were successfully removed to below concentrations of regulatory concern. The *Supplemental Information Report* provided additional information and data that addressed a number of ACEHs concerns.

Based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below.

TECHNICAL COMMENTS

1. **Future Site Land-Use –** Based on a review of available data, ACEH is in agreement that there appears to be limited residual contamination associated with the former waste oil UST that has been variably located at either the 10500 International Boulevard (parcel 47-5509-41) or the 1424 105th Avenue (parcel 47-5509-10) addresses, and it appears that a sufficient evaluation has been conducted.

   In regards to the former water oil UST location, as noted it has variably been located at the southeast corner of the building at either 10500 International Boulevard or 1424 105th Avenue. Documents that report these locations, include the case closure for 10500 East 14th Street (RO0000966) and the October 3, 2001 *Preliminary Environmental Assessment Report,* by LFR Levine Fricke. However, review of aerial photographs appears to indicate that the south eastern corner of the building at 10500 E. 14th Street may be constructed on the property line. This would place the former waste oil UST location on the adjacent parcel to the south (10550 E. 14th Street, or parcel 47-5519-5-2). Finally, the above referenced *Supplemental Information Report* indicates that the former waste oil UST was located at the northeast corner of the building at 1424 105th Street. Therefore, by the date requested below, please clarify the location of the parcel that the former waste oil UST occupied. Please document this by photographs, site drawings, or other documents or plans that illustrate its location relative to property boundaries.

2. **Surficial Soil Sampling –** ACEH is in agreement that a sufficient number of soil samples have been submitted for laboratory analysis below approximately 2 feet below grade surface (bgs); however, is not in agreement that a sufficient number of soil samples have been collected at a shallower depth. As noted in the previous directive letter, the probability of chemical residue in soil at shallower depths becomes a concern upon conversion to residential land use. Chemicals of concern that have been

associated with historic uses of site parcels include contamination induced by lead-based paint and pesticides in soil, and may include petroleum hydrocarbons from vehicle storage. Therefore, please present a work plan to evaluate shallow soils at the site, by the date referenced below.

3. **Potential Heating Oil USTs Along 105th Avenue –** The referenced document proposed to handle the potential for discovery of heating oil USTs, product piping, and staining along 105th Avenue with the Site Management Plan (SMP). This appears to be a reasonable method to handle this concern, as well as a several known vaults, sumps, drains, and an oil-water separator that are reported present at 1424 and 1510 105th Avenue, and at 10550 E. 14th Street (LFR Levine Fricke *Preliminary Environmental Assessment Report)*. Therefore, please include a section in the SMP, requested below, to manage these potential concerns by the date identified below. Please include a table of all known vaults, sumps, drains, oil-water separators, or other subsurface structures, by parcel, in the SMP in order to focus attention on these structures at the time of site grading. Please also include a figure locating each of these features. Additionally, because it is unlikely that all petroleum hydrocarbons drips and spills associated with vehicle storage at the site as briefly discussed in Technical Comment 2 above will be fully located, please also include a section to manage contamination such as hydrocarbon staining and odors, or other indications of contamination, associated with these past site activities.

4. **Electronic Report and Data Upload Compliance –** Thank you for claiming the site in Geotracker and uploading several documents to the website. Review of case file on Geotracker finds that the case has a very limited number of reports and analytical data for public review and comment during the 30-day public comment period prior to potential case closure. As you likely are aware, beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites was required in GeoTracker. While ACEH recognizes that a majority of reports associated with the site were generated prior to 2005, it is appropriate to upload all reports and communications associated with the site to Geotracker in order for them to be available for public review. At present missing documents include these older reports and all bore logs. ACEH requests notification of document uploaded to Geotracker. Please upload all submittals to GeoTracker by the date identified below.

5. **Draft Site Management Plan –** Because the site is intended for redevelopment and there appears to be a likelihood of encountering additional contamination as redevelopment proceeds due to past uses and the existing analytical data set, it is apparent that the site warrants a SMP. Please include in the SMP protocols for the handling, management, and documented disposal of contaminated soil and groundwater, if any, encountered during redevelopment. The SMP should include sampling protocols, laboratory analysis and intervals, and analytical methodology. The SMP is also requested to detail excavation perimeter confirmation sampling intervals or characterization of excavated material based on volumes or other criteria based on accepted guidance documents, and to identify the specific remedial action cleanup goal for each contaminant of potential concern should more extensive actions be required unexpectedly. The SMP is also required to detail dust control measures, truck cleaning, and other appropriate measures prior to exiting the site. Please submit a draft SMP by the date identified below.

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TECHNICAL REPORT REQUEST

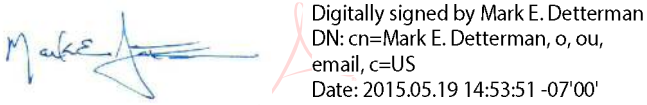
Please upload technical reports to the ACEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

- **June 26, 2015 –** Geotracker Uploads
  Notify case worker by email.
- **July 24, 2015 –** Site Investigation Work Plan
  File to be named: RO3151_WP_R_yyyy-mm-dd
- **July 24, 2015 –** Draft Site Management Plan
  File to be named: RO3151_WP_R_yyyy-mm-dd

Online case files are available for review at the following website: http://www.acgov.org/aceh/index.htm.

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,



Mark E. Detterman, PG, CEG
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations and Electronic Report Upload (ftp) Instructions

cc: Stuart Solomon, Phase-1 Environmental Services, 5216 Harwood Road, San Jose, CA 95124, (Sent via email to stuart@phase-1environmental.com)

William Dugan, WellTest, Inc, PO Box 8548, San Jose, CA 95155
(Sent via email to dugan@welltest.biz)

Dilan Roe, ACEH, (Sent via electronic mail to dilan.roe@acgov.org)
Mark Detterman, ACEH, (sent via electronic mail to mark.detterman@acgov.org)
Electronic File, GeoTracker

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

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.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

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.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**REVISION DATE:** May 15, 2014
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

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

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**.
- 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)

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 deh.loptoxic@acgov.org
   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, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
   b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
   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 deh.loptoxic@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 @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) If site is a new case without an RO#, use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

ATTACHMENT B

Supporting Documentation for Figure 3

Attachment B
LFR Shallow Sample Support

LFR 2001 Batarse PEA - Shallow Soils Samples
Areas 1 through 5 - <2ft. BGS

Total # Samples: 9

Boring #	Depth (ft.)
BASB028	0.5-1.0
BASB071	1.5-2.0
BASB082	1.5-2.0
BASB006	1.5-2.0
BASB007	1.5-2.0
BASB022	1.5-2.0
BASB023	1.5-2.0
BASB024	1.5-2.0
BASB086	1.5-2.0

Attachment B
LFR Table showing TPH in shallow (<2ft. BGS) soil Areas 1-5 (highlighted)

Table 6
Total Petroleum Hydrocarbons Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	TPHd	TPHg	TPHmo	TPHms	TPHpt	TPHss
Area 1								
BASB026	28-Mar-01	(3.5-4.0)	6.3 YZ	<0.91	11 Y	<0.91	NA	NA
BASB026	28-Mar-01	(6.5-7.0)	14 YZ	<1	<5	<1	NA	NA
BASB026	28-Mar-01	(9.5-10.0)	22 YZ	<1	<5	<1	NA	NA
BASB026	28-Mar-01	(14.5-15.0)	26 YZ	<1.1	<5	<1.1	NA	NA
BASB026	28-Mar-01	(24.5-25.0)	5.5 YZ	<1	<5	<1	NA	NA
BASB027	27-Mar-01	(3.5-4.0)	35 YHZ	<0.97	120 YH	<0.97	NA	NA
BASB027	27-Mar-01	(6.0-6.5)	7.4 YZ	<1	<5	<1	NA	NA
BASB027	27-Mar-01	(9.5-10.0)	9.7 YZ	<0.95	<5	<0.95	NA	NA
BASB027	27-Mar-01	(14.5-15.0)	18 YZ	<1	<5	<1	NA	NA
BASB027	27-Mar-01	(24.5-25.0)	26 YZ	<0.91	<5	<0.91	NA	NA
BASB028	27-Mar-01	(0.5-1.0)	24 YZ	<0.99	58 Y	<0.99	NA	NA
BASB028	27-Mar-01	(3.5-4.0)	14 YZ	<1.1	<5	<1.1	NA	NA
BASB028	27-Mar-01	(6.5-7.0)	18 YZ	<1.1	<5	<1.1	NA	NA
BASB028	27-Mar-01	(9.5-10.0)	15 YZ	<0.92	<5	<0.92	NA	NA
BASB028	27-Mar-01	(14.5-15.0)	17 YZ	<1.1	<5	<1.1	NA	NA
BASB028	27-Mar-01	(24.5-25.0)	20 YZ	<0.97	<5	<0.97	NA	NA
BASB029	23-Mar-01	(3.5-4.0)	18 YZ	<1.1	5.5 Y	<1.1	NA	NA
DUP	23-Mar-01	(4.5-5.0)	9.5 YZ	<0.95	<5	<0.95	NA	NA
BASB029	23-Mar-01	(9.5-10.0)	40 YZ	<1	5.3 Y	<1	NA	NA
BASB029	23-Mar-01	(14.5-15.0)	19 YZ	<0.96	<5	<0.96	NA	NA
BASB029	23-Mar-01	(19.5-20.0)	18 YZ	<1	9 Y	<1	NA	NA
BASB029	23-Mar-01	(24.5-25.0)	<1	<0.93	<5	<0.93	NA	NA
BASB030	23-Mar-01	(4.5-5.0)	15 YZ	<1.1	<5	<1.1	NA	NA
BASB030	23-Mar-01	(9.5-10.0)	16 YZ	<0.93	<5	<0.93	NA	NA
BASB030	23-Mar-01	(14.5-15.0)	13 YZ	<0.93	<5	<0.93	NA	NA
BASB030	23-Mar-01	(19.5-20.0)	19 YZ	<0.94	<5	<0.94	NA	NA
BASB030	23-Mar-01	(24.5-25.0)	18 YZ	<0.93	<5	<0.93	NA	NA
BASB031	26-Mar-01	(3.5-4.0)	8.5 YZH	<1.1	12	<1.1	NA	NA
BASB031	26-Mar-01	(6.5-7.0)	21 YZ	440 JYH	5.7 Y	480 JYL	NA	220 J
BASB031	26-Mar-01	(9.5-10.0)	79 YLZ	490 JYH	<5	530 JYL	NA	250 J
BASB031	26-Mar-01	(14.5-15.0)	20 YLZ	180 JYH	<5	190 JYL	NA	89 J
BASB031	26-Mar-01	(22.5-23.0)	49 YLH	80 JYH	36	87 JYL	NA	40 J

Table 6
Total Petroleum Hydrocarbons Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	TPHd	TPHg	TPHmo	TPHms	TPHpt	TPHss
Area 1								
BASB031	26-Mar-01	(24.5-25.0)	83 YLZ	<0.99	51	<0.99	NA	<0.99
BASB032	26-Mar-01	(3.5-4.0)	33 YZH	<1.1	69	<1.1	NA	<1.1
DUP	26-Mar-01	(4.5-5.0)	85 YH	<0.93	360	<0.93	NA	NA
BASB032	26-Mar-01	(9.0-9.5)	20 YZ	<0.95	<5	<0.95	NA	NA
BASB032	26-Mar-01	(14.5-15.0)	8.6 YZ	<1.1	<5	<1.1	NA	NA
BASB032	26-Mar-01	(24.5-25.0)	23 YZ	<1	<5	<1	NA	NA
BASB033	26-Mar-01	(3.5-4.0)	83 YHZ	<0.97	240	<0.97	NA	NA
BASB033	26-Mar-01	(6.0-6.5)	11 YZ	<1.1	<5	<1.1	NA	NA
BASB033	26-Mar-01	(9.5-10.0)	27 YZ	<1	<5	<1	NA	NA
BASB033	26-Mar-01	(14.5-15.0)	16 YZ	<1	<5	<1	NA	NA
BASB033	26-Mar-01	(24.5-25.0)	5.8 YZ	<0.93	<5	<0.93	NA	NA
BASB034	27-Mar-01	(3.5-4.0)	5 YHZ	<0.92	18 Y	<0.92	NA	NA
BASB034	27-Mar-01	(6.25-6.75)	8.1 YZ	<1.1	<5	<1.1	NA	NA
BASB034	27-Mar-01	(9.5-10.0)	18 YZ	<1.1	5.2 Y	<1.1	NA	NA
BASB034	27-Mar-01	(14.5-15.0)	12 YZ	<0.94	<5	<0.94	NA	NA
BASB034	27-Mar-01	(24.5-25.0)	16 YZ	<0.96	<5	<0.96	NA	NA
BASB036	22-Mar-01	(3.5-4.0)	160 YH	<0.94	630	<0.94	NA	NA
DUP	22-Mar-01	(5.0-5.5)	23 YZ	<1	<5	<1	NA	NA
BASB036	22-Mar-01	(9.5-10.0)	20 YZ	<0.99	<5	<0.99	NA	NA
BASB036	22-Mar-01	(14.5-15.0)	17 YZ	<0.99	<5	<0.99	NA	NA
BASB036	22-Mar-01	(24.5-25.0)	21 YZ	<1	<5	<1	NA	NA
BASB037	22-Mar-01	(4.5-5.0)	17 YZ	<1.1	72 YH	<1.1	NA	NA
BASB037	22-Mar-01	(9.5-10.0)	9.1 YZ	<1	<5	<1	NA	NA
BASB037	22-Mar-01	(14.5-15.0)	16 YZ	<0.94	<5	<0.94	NA	NA
BASB037	22-Mar-01	(24.5-25.0)	11 YZ	<1	<5	<1	NA	NA
BASB070	03-Apr-01	(3.0-3.5)	5.6 YH	<1	51	NA	<1	NA
BASB070	03-Apr-01	(6.0-6.5)	1.1 YZ	<1	<5	NA	<1	NA
BASB070	03-Apr-01	(9.5-10.0)	1.1 YZ	<0.91	<5	NA	<0.91	NA
BASB070	03-Apr-01	(14.5-15.0)	1.3 YZ	<0.98	<5	NA	<0.98	NA
BASB070	03-Apr-01	(22.5-23.0)	23 YL	<1.1	<5	NA	<1.1	NA
BASB070	03-Apr-01	(24.5-25.0)	<1	<1	<5	NA	<1	NA
BASB071	03-Apr-01	(1.5-2.0)	33 YH	<1.1	85	NA	<1.1	NA

Table 6
Total Petroleum Hydrocarbons Detected in Soil
Batarse Site, Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	TPHd	TPHg	TPHmo	TPHms	TPHpt	TPHss
Area 1								
BASB071	03-Apr-01	(6.5-7.0)	3.1 YZ	<1.1	5.7 Y	NA	<1.1	NA
BASB071	03-Apr-01	(9.5-10.0)	1 YZ	<0.96	<5	NA	<0.96	NA
BASB071	03-Apr-01	(14.5-15.0)	1.3 YZ	<0.99	<5	NA	<0.99	NA
BASB071	03-Apr-01	(18.5-19.0)	<1	<0.97	<5	NA	<0.97	NA
BASB071	03-Apr-01	(19.5-20.0)	8.9 YLZ	5 Y	<5	NA	4.1	NA
BASB071	03-Apr-01	(22.5-23.0)	59 YL	7.5 Y	6	NA	6.2	NA
BASB071	03-Apr-01	(24.5-25.0)	68 YL	60 Y	9.3	NA	38	NA
BASB072	05-Apr-01	(2.0-2.5)	30 YH	<1.1	76 Y	NA	<1.1	NA
BASB072	05-Apr-01	(5.5-6.0)	<1	<0.95	<5	NA	<0.95	NA
BASB072	05-Apr-01	(9.5-10.0)	<1	<0.93	<5	NA	<0.93	NA
BASB072	05-Apr-01	(14.5-15.0)	<1	<0.91	<5	NA	<0.91	NA
BASB072	05-Apr-01	(24.5-25.0)	<0.99	<0.99	<5	NA	<0.99	NA
BASB073	02-Apr-01	(2.5-3.0)	12 YH	<1.1	120 Y	NA	<1.1	NA
BASB073	02-Apr-01	(4.5-5.0)	2 YH	<0.97	12 Y	NA	<0.97	NA
BASB073	02-Apr-01	(9.5-10.0)	<1	<0.94	<5	NA	<0.94	NA
BASB073	02-Apr-01	(14.5-15.0)	<1	<1	<5	NA	<1	NA
BASB073	02-Apr-01	(19.5-20.0)	1 Y	<1	<5	NA	<1	NA
BASB073	02-Apr-01	(24.5-25.0)	<1	<0.95	<5	NA	<0.95	NA
BASB074	02-Apr-01	(2.5-3.0)	2.2 YH	<0.93	13 Y	NA	<0.93	NA
BASB074	02-Apr-01	(9.5-10.0)	<1	<0.94	<5	NA	<0.94	NA
BASB074	02-Apr-01	(14.5-15.0)	<1	<0.96	<5	NA	<0.96	NA
BASB074	02-Apr-01	(24.5-25.0)	<0.99	<0.97	<5	NA	<0.97	NA
BASB075	02-Apr-01	(6.5-7.0)	<0.99	<0.96	<5	NA	<0.96	NA
BASB075	02-Apr-01	(9.5-10.0)	<1	<0.91	<5	NA	<0.91	NA
BASB075	02-Apr-01	(14.5-15.0)	<1	<0.94	<5	NA	<0.94	NA
BASB075	02-Apr-01	(24.5-25.0)	<1	<1.1	<5	NA	<1.1	NA
BASB076	30-Mar-01	(3.5-4.0)	9.8 YH	<1	25 Y	NA	<1	NA
BASB076	30-Mar-01	(6.5-7.0)	2.9 YZ	<0.99	<5	NA	<0.99	NA
BASB076	30-Mar-01	(9.5-10.0)	6.8 YZ	<0.94	<5	NA	<0.94	NA
BASB076	30-Mar-01	(14.5-15.0)	7.8 YZ	<0.94	<5	NA	<0.94	NA
BASB076	30-Mar-01	(19.5-20.0)	3.8 YZ	<1.1	<5	NA	<1.1	NA
BASB076	30-Mar-01	(24.5-25.0)	5.6 YZ	<1	<5	NA	<1	NA

Table 6
Total Petroleum Hydrocarbons Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	TPHd	TPHg	TPHmo	TPHms	TPHpt	TPHss
Area 1								
BASB077	30-Mar-01	(3.5-4.0)	270 YH	<1	2200 Y	NA	<1	NA
DUP	30-Mar-01	(4.5-5.0)	13 YZ	<0.99	6 Y	NA	<0.99	NA
BASB077	30-Mar-01	(9.5-10.0)	22 YZ	<0.93	<5	NA	<0.93	NA
BASB077	30-Mar-01	(14.5-15.0)	1.9 YZ	<0.92	<5	NA	<0.92	NA
BASB077	30-Mar-01	(19.5-20.0)	11 YZ	<0.91	<5	NA	<0.91	NA
BASB077	30-Mar-01	(24.5-25.0)	1.9 YZ	<0.96	<5	NA	<0.96	NA
BASB078	05-Apr-01	(3.5-4.0)	4.3 YH	<1	30 Y	NA	<1	NA
BASB078	05-Apr-01	(6.5-7.0)	<0.99	<0.93	<5	NA	<0.93	NA
BASB078	05-Apr-01	(9.5-10.0)	<1	<1.1	<5	NA	<1.1	NA
BASB078	05-Apr-01	(14.5-15.0)	<0.99	<0.94	<5	NA	<0.94	NA
BASB078	05-Apr-01	(24.5-25.0)	<0.99	<1	<5	NA	<1	NA
BASB082	05-Apr-01	(1.5-2.0)	1.1 YH	<0.91	7.5 Y	NA	<0.91	NA
BASB082	05-Apr-01	(4.5-5.0)	<0.99	<1	<5	NA	<1	NA
BASB082	05-Apr-01	(11.5-12.0)	<1	<0.96	13 YH	NA	<0.96	NA
BASB082	05-Apr-01	(14.5-15.0)	<1	<1	<5	NA	<1	NA
BASB082	05-Apr-01	(19.5-20.0)	<0.99	<1.1	10 YH	NA	<1.1	NA
Area 2								
BASB006	31-Mar-01	(1.5-2.0)	4.4 YZ	<0.96	9.1 Y	NA	<0.96	NA
BASB006	31-Mar-01	(5.5-6.0)	<1	<1.1	<5	NA	<1.1	NA
BASB006	31-Mar-01	(9.5-10.0)	<0.99	<0.99	<5	NA	<0.99	NA
BASB006	31-Mar-01	(14.5-15.0)	<1	<0.92	<5	NA	<0.92	NA
BASB006	31-Mar-01	(26.5-27.0)	<1	<0.94	<5	NA	<0.94	NA
BASB007	31-Mar-01	(1.5-2.0)	2.3 YZ	<1.1	5.6 Y	NA	<1.1	NA
BASB007	31-Mar-01	(4.5-5.0)	1.3 YZ	<1.1	<5	NA	<1.1	NA
BASB007	31-Mar-01	(9.5-10.0)	<1	<1	<5	NA	<1	NA
BASB007	31-Mar-01	(14.5-15.0)	<0.99	<0.97	<5	NA	<0.97	NA
BASB007	31-Mar-01	(25.5-26.0)	<1	<1	<5	NA	<1	NA
BASB008	21-Mar-01	(3.5-4.0)	12 YH	<0.97	22 Y	<0.97	NA	NA
DUP	21-Mar-01	(4.5-5.0)	21 YZ	<0.92	<25	<0.92	NA	NA
BASB008	21-Mar-01	(9.5-10.0)	23 YZ	<0.92	<25	<0.92	NA	NA
BASB008	21-Mar-01	(14.5-15.0)	14 YZ	<0.95	<25	<0.95	NA	NA
BASB008	21-Mar-01	(24.5-25.0)	18 YZ	<0.92	<25	<0.92	NA	NA

Table 6
Total Petroleum Hydrocarbons Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	TPHd	TPHg	TPHmo	TPHms	TPHpt	TPHss
Area 3								
BASB040	03-Apr-01	(3.5-4.0)	3.7 YZ	<0.93	5.1 Y	NA	<0.93	NA
DUP	03-Apr-01	(4.5-5.0)	2.8 YZ	<0.94	<5	NA	<0.94	NA
BASB040	03-Apr-01	(9.5-10.0)	<0.99	<1.1	<5	NA	<1.1	NA
BASB040	03-Apr-01	(14.5-15.0)	<1	<1	<5	NA	<1	NA
BASB040	03-Apr-01	(19.5-20.0)	1.2 YZ	<0.92	<5	NA	<0.92	NA
BASB040	03-Apr-01	(24.5-25.0)	1.1 YZ	<1.1	<5	NA	<1.1	NA
BASB041	28-Mar-01	(3.5-4.0)	9.5 YZ	<0.99	59 Y	<0.99	NA	NA
DUP	28-Mar-01	(4.5-5.0)	27 YZ	<1	6.5 Y	<1	NA	NA
BASB041	28-Mar-01	(9.5-10.0)	3.1 YZ	<0.95	7.9 Y	<0.95	NA	NA
BASB041	28-Mar-01	(14.5-15.0)	37 YZ	<0.95	8.5 Y	<0.95	NA	NA
BASB041	28-Mar-01	(24.5-25.0)	23 YZ	3.6 YH	29 Y	4.3 b	NA	NA
Area 4								
BASB012	19-Mar-01	(3.5-4.0)	6.6 YH	NA	22	NA	NA	NA
DUP	19-Mar-01	(4.0-4.5)	NA	<1.1	NA	<1.1	NA	NA
BASB012	19-Mar-01	(9.5-10.0)	5.5 YZ	<1.1	<5	<1.1	NA	NA
BASB012	19-Mar-01	(14.5-15.0)	26 YZ	<0.94	<25	<0.94	NA	NA
BASB012	19-Mar-01	(24.0-24.5)	<1	<1.1	<5	<1.1	NA	NA
BASB013	20-Mar-01	(2.5-3.0)	27 YZ	<1.1	5.6 Y	<1.1	NA	NA
BASB013	20-Mar-01	(4.5-5.0)	7.9 YZ	<0.99	<5	<0.99	NA	NA
BASB013	20-Mar-01	(9.5-10.0)	<0.99	<1	<5	<1	NA	NA
BASB013	20-Mar-01	(14.5-15.0)	13 YZ	<1	<9.9	<1	NA	NA
BASB016	04-Apr-01	(2.0-2.5)	12 YHZ	<1	32 Y	NA	<1	NA
BASB016	04-Apr-01	(5.5-6.0)	<1	<0.98	<5	NA	<0.98	NA
BASB016	04-Apr-01	(9.5-10.0)	<1	<1	<5	NA	<1	NA
BASB016	04-Apr-01	(14.5-15.0)	<0.99	<1.1	<5	NA	<1.1	NA
BASB016	04-Apr-01	(24.5-25.0)	<1	<0.93	<5	NA	<0.93	NA
Area 5								
BASB022	04-Apr-01	(1.5-2.0)	220 YLH	<1	1300	NA	<1	NA
BASB022	04-Apr-01	(4.5-5.0)	970 YLH	<1.1	490	NA	<1.1	NA
BASB022	04-Apr-01	(9.5-10.0)	600 YLH	<1	300	NA	<1	NA
BASB022	04-Apr-01	(14.5-15.0)	7 YL	<1.1	<5	NA	<1.1	NA
BASB022	04-Apr-01	(20.5-21.0)	14 YLH	2.5 YH	13	NA	1.6 YH	NA

Table 6
Total Petroleum Hydrocarbons Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	TPHd	TPHg	TPHmo	TPHms	TPHpt	TPHss
Area 5								
BASB023	04-Apr-01	(1.5-2.0)	11 YH	<0.92	63	NA	<0.92	NA
BASB023	04-Apr-01	(4.5-5.0)	<1	<1.1	5 Y	NA	<1.1	NA
BASB023	04-Apr-01	(10.5-11.0)	<1	<0.91	<5	NA	<0.91	NA
BASB023	04-Apr-01	(14.5-15.0)	<1	<1	<5	NA	<1	NA
BASB023	04-Apr-01	(20.5-21.0)	24 YH	<1.1	150	NA	<1.1	NA
BASB024	04-Apr-01	(1.5-2.0)	3.9 YH	<1.1	39	NA	<1.1	NA
BASB024	04-Apr-01	(3.5-4.0)	<1	<1.1	5.2 Y	NA	<1.1	NA
BASB024	04-Apr-01	(9.5-10.0)	<1	<0.93	9.1 Y	NA	<0.93	NA
BASB024	04-Apr-01	(14.5-15.0)	<1	<1.1	<5	NA	<1.1	NA
BASB024	04-Apr-01	(21.5-22.0)	3.8 YH	<1	27 H	NA	<1	NA
BASB025	04-Apr-01	(3.5-4.0)	1.4 YH	<1	10 Y	NA	<1	NA
DUP	04-Apr-01	(4.5-5.0)	<0.99	<0.93	<5	NA	<0.93	NA
BASB025	04-Apr-01	(9.5-10.0)	<1	<1	<5	NA	<1	NA
BASB025	04-Apr-01	(14.5-15.0)	<1	<0.92	<5	NA	<0.92	NA
BASB025	04-Apr-01	(24.5-25.0)	<1	<1	<5	NA	<1	NA
BASB086	04-Apr-01	(1.5-2.0)	2.5 YH	<0.92	33 H	NA	<0.92	NA
BASB086	04-Apr-01	(3.5-4.0)	<1	<0.93	5.2 Y	NA	<0.93	NA
BASB086	04-Apr-01	(9.5-10.0)	<1	<0.97	8.2 H	NA	<0.97	NA
BASB086	04-Apr-01	(15.5-16.0)	1.1 YH	<1	14 H	NA	<1	NA
BASB086	04-Apr-01	(19.5-20.0)	<0.99	<1	<5	NA	<1	NA
BASB087	04-Apr-01	(3.5-4.0)	9.3 YH	<0.94	45	NA	<0.94	NA
DUP	04-Apr-01	(4.5-5.0)	1.4 YH	<0.96	6.7 Y	NA	<0.96	NA
BASB087	04-Apr-01	(9.5-10.0)	<1	<1.1	<5	NA	<1.1	NA
BASB087	04-Apr-01	(14.5-15.0)	<1	<1	<5	NA	<1	NA
BASB087	04-Apr-01	(24.5-25.0)	<1	<1	<5	NA	<1	NA
Area 6								
BASB001	02-Apr-01	(2.5-3.0)	16 YH	<1	56 Y	NA	<1	NA
BASB001	02-Apr-01	(4.5-5.0)	4.6 YH	<1.1	27 Y	NA	<1.1	NA
BASB001	02-Apr-01	(9.5-10.0)	<0.99	<1	<5	NA	<1	NA
BASB001	02-Apr-01	(14.5-15.0)	<1	<0.93	<5	NA	<0.93	NA
BASB001	02-Apr-01	(22.5-23.0)	19 YH	<1.1	140 Y	NA	<1.1	NA
BASB002	31-Mar-01	(2.5-3.0)	150 YH	<0.98	1000 Y	NA	<0.98	NA

Attachment A
LFR Table showing Metals in shallow (<2ft. BGS) soil - Areas 1-5 (highlighted)

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 1																		
BASB026	28-Mar-01	(3.5-4.0)	<0.24	3	130	0.36	1.7	7.9	28	18	0.097	<0.97	46	22	0.44	<0.24	26	46
BASB026	28-Mar-01	(6.5-7.0)	<0.24	3.5	110	0.45	1.5	7.6	31	19	0.031	<0.95	45	6	<0.24	<0.24	26	37
BASB026	28-Mar-01	(9.5-10.0)	<0.24	2.7	110	0.48	1.5	7.2	33	17	0.05	<0.94	45	6.1	<0.24	<0.24	24	36
BASB026	28-Mar-01	(14.5-15.0)	<0.25	2.5	130	0.51	1.8	8.5	39	21	0.076	<0.99	59	5.9	<0.25	<0.25	25	45
BASB026	28-Mar-01	(24.5-25.0)	<0.24	3.8	130	0.44	1.7	8	38	19	0.046	<0.98	57	6.1	<0.24	0.39	28	37
BASB027	27-Mar-01	(3.5-4.0)	<0.24	5.4	290	0.33	2	6.9	28	29	0.05	<0.96	41	74	0.29	<0.24	26	140
BASB027	27-Mar-01	(6.0-6.5)	<0.24	2	43	0.18	0.85	3.8	16	6.2	0.024	<0.96	24	2.4	<0.24	<0.24	13	17
BASB027	27-Mar-01	(9.5-10.0)	<0.24	3.2	130	0.44	1.5	7.1	29	16	0.059	<0.95	45	6.3	<0.24	<0.24	24	35
BASB027	27-Mar-01	(14.5-15.0)	<0.23	3.4	170	0.54	2.2	9.2	42	24	1.1	<0.93	62	7.1	<0.23	<0.23	29	51
BASB027	27-Mar-01	(24.5-25.0)	<0.24	2.8	110	0.35	1.5	8.7	33	16	0.044	<0.97	58	5.2	0.34	0.39	22	34
BASB028	27-Mar-01	(0.5-1.0)	<0.24	7.8	170	0.35	1.8	7.1	29	25	0.16	<0.96	43	83	0.26	0.27	23	120
BASB028	27-Mar-01	(3.5-4.0)	<0.23	3.2	130	0.38	1.8	9.3	30	16	0.047	<0.94	54	5.4	<0.23	0.43	25	38
BASB028	27-Mar-01	(6.5-7.0)	<0.24	3.6	170	0.48	2	9	35	22	0.1	<0.95	53	6.7	<0.24	<0.24	31	43
BASB028	27-Mar-01	(9.5-10.0)	<0.23	2.9	130	0.43	1.6	6	29	16	0.025	<0.91	44	5.9	<0.23	<0.23	24	35
BASB028	27-Mar-01	(14.5-15.0)	<0.25	3.1	150	0.49	1.9	8.7	35	22	0.19	<1	54	6.3	<0.25	<0.25	25	44
BASB028	27-Mar-01	(24.5-25.0)	<0.23	2.6	110	0.32	1.5	8.1	29	17	0.047	<0.91	53	5.4	<0.23	0.5	21	31
BASB029	23-Mar-01	(3.5-4.0)	<0.23	4.3	120	0.57	2	10	38	20 J	0.046	<0.93	60	6.8	<0.23	0.53	37	49
DUP	23-Mar-01	(4.5-5.0)	<0.23	3.4	100	0.43	1.3	7.9	29	12 J	0.028	<0.91	50	4.6	<0.23	0.75	26	32
BASB029	23-Mar-01	(9.5-10.0)	<0.23	2.6	110	0.54	1.5	5.6	32	16 J	0.043	<0.9	44	5.6	<0.23	<0.23	28	40
BASB029	23-Mar-01	(14.5-15.0)	<0.23	3.1	140	0.66	2	9.7	42	23 J	0.13	<0.94	61	7	<0.23	0.55	35	55
BASB029	23-Mar-01	(19.5-20.0)	<0.24	4.8	150	0.61	2	7.8	42	21 J	0.073	<0.96	58	5.9	<0.24	<0.24	37	54
BASB029	23-Mar-01	(24.5-25.0)	<0.25	3	96	0.43	1.4	5.9	34	15 J	0.29	<0.99	46	4.4	<0.25	<0.25	28	37
BASB030	23-Mar-01	(4.5-5.0)	<0.24	3.6	120	0.35	2	6.8	29	15 J	0.033	<0.97	46	4.5	<0.24	<0.24	29	38

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 1																		
BASB030	23-Mar-01	(9.5-10.0)	<0.24	4.9	110	0.63	1.9	9.3	38	19 J	0.06	<0.96	57	7.1	<0.24	0.3	37	46
BASB030	23-Mar-01	(14.5-15.0)	<0.23	3.1	110	0.65	2.1	10	43	22 J	0.088	<0.93	62	7.3	<0.23	0.42	36	55
BASB030	23-Mar-01	(19.5-20.0)	<0.24	4.6	150	0.67	2.1	7.5	44	25 J	0.063	<0.95	61	8.1	<0.24	<0.24	38	59
BASB030	23-Mar-01	(24.5-25.0)	<0.24	4.6	100	0.47	1.7	11	34	18 J	0.049	<0.95	61	6.7	<0.24	0.69	31	38
BASB031	26-Mar-01	(3.5-4.0)	<0.24	3.2	130	0.48	1.9	8.9	33	19	0.045	<0.97	57	8.5	0.38	0.38	28	45
BASB031	26-Mar-01	(6.5-7.0)	<0.24	2.6	150	0.46	1.5	9	31	17	0.056	<0.95	46	6.7	<0.24	0.36	24	35
BASB031	26-Mar-01	(9.5-10.0)	<0.23	2.3	160	0.51	1.7	7.5	35	18	0.038	<0.93	54	8.1	<0.23	<0.23	27	40
BASB031	26-Mar-01	(14.5-15.0)	<0.23	2.6	170	0.56	2	9.8	39	22	0.084	<0.93	62	7.9	<0.23	<0.23	26	50
BASB031	26-Mar-01	(22.5-23.0)	<0.25	2.3	120	0.37	1.6	6.9	35	18	0.047	<0.98	53	4.7	<0.25	<0.25	24	38
BASB031	26-Mar-01	(24.5-25.0)	<0.24	2.8	110	0.29	1.4	9.4	26	15	0.045	<0.97	54	5.3	<0.24	<0.24	19	30
BASB032	26-Mar-01	(3.5-4.0)	<0.25	2.9	110	0.36	1.5	8.1	28	15	0.021	<0.99	46	7.5	0.54	<0.25	24	38
DUP	26-Mar-01	(4.5-5.0)	<0.25	1.8	71	0.22	1.1	6.6	19	9.3	0.022	<0.98	36	3.3	<0.25	<0.25	16	24
BASB032	26-Mar-01	(9.0-9.5)	<0.24	3	170	0.49	1.7	9	33	18	0.069	<0.97	54	8.2	<0.24	<0.24	26	39
BASB032	26-Mar-01	(14.5-15.0)	<0.25	1.8	140	0.49	1.7	7.8	34	19	0.15	<0.99	53	6.6	<0.25	<0.25	22	46
BASB032	26-Mar-01	(24.5-25.0)	<0.24	2.8	120	0.33	1.6	8.3	28	16	0.069	<0.97	58	5.4	<0.24	1.1	22	33
BASB033	26-Mar-01	(3.5-4.0)	<0.25	6	340	0.33	2.7	7.4	30	41	0.049	<0.98	44	160	0.42	<0.25	25	430
BASB033	26-Mar-01	(6.0-6.5)	<0.24	2	63	0.23	1	5	19	8.6	0.024	<0.97	30	3.4	<0.24	<0.24	17	24
BASB033	26-Mar-01	(9.5-10.0)	<0.24	3.1	120	0.46	1.6	5.7	31	16	0.067	<0.96	41	5.6	<0.24	<0.24	25	36
BASB033	26-Mar-01	(14.5-15.0)	<0.24	3	130	0.44	1.7	7.9	31	18	0.16	<0.96	51	6.1	<0.24	<0.24	24	41
BASB033	26-Mar-01	(24.5-25.0)	<0.24	3	120	0.38	1.8	8.9	38	18	0.055	<0.96	61	5.7	0.26	0.31	26	39
BASB034	27-Mar-01	(3.5-4.0)	<0.25	5.7	130	0.35	2	8.1	29	22	0.04	<0.98	46	24	0.5	<0.25	25	85
BASB034	27-Mar-01	(6.25-6.75)	<0.23	2.1	53	0.2	1	5.2	17	8.7	0.055	<0.92	29	3.1	<0.23	<0.23	15	22
BASB034	27-Mar-01	(9.5-10.0)	<0.24	2.9	110	0.41	1.4	6.6	26	16	0.067	<0.96	38	6.6	<0.24	<0.24	22	32

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 1																		
BASB034	27-Mar-01	(14.5-15.0)	<0.24	2.3	130	0.45	1.7	8.3	31	19	0.22	<0.98	51	7	<0.24	<0.24	22	42
BASB034	27-Mar-01	(24.5-25.0)	<0.24	3	97	0.32	1.5	5	29	16	0.072	<0.94	42	5.9	<0.24	<0.24	23	32
BASB036	22-Mar-01	(3.5-4.0)	<0.21	0.68	48	0.38	3.1	7.9	2.1	14	0.18	<0.83	19 J	4.9	0.45	0.28	27	64 J
DUP	22-Mar-01	(5.0-5.5)	<0.2	4.2	150	0.47	2.1	9.3	38	19	0.041	<0.81	52 J	5.9	<0.2	<0.2	31	44 J
BASB036	22-Mar-01	(9.5-10.0)	<0.24	3.5	100	0.5	1.9	8.4	35	17	0.046	<0.94	53 J	6.2	<0.24	<0.24	25	41 J
BASB036	22-Mar-01	(14.5-15.0)	<0.23	3.5	130	0.49	2.2	8.8	42	20	0.06	<0.93	57 J	6.6	<0.23	<0.23	29	47 J
BASB036	22-Mar-01	(24.5-25.0)	<0.19	3.5	120	0.42	1.7	7.2	38	18	0.055	<0.75	50 J	5.2	<0.19	<0.19	25	39 J
BASB037	22-Mar-01	(4.5-5.0)	<0.25	2.6	130	0.45	1.6	6.2	35	22	0.069	<0.99	47 J	14	<0.25	<0.25	27	52 J
BASB037	22-Mar-01	(9.5-10.0)	<0.22	3.1	170	0.49	1.9	8.6	35	17	0.054	<0.88	60 J	6.1	0.22	<0.22	24	41 J
BASB037	22-Mar-01	(14.5-15.0)	<0.23	4.8	160	0.59	2.6	8.5	50	23	0.067	<0.93	69 J	6.8	<0.23	<0.23	35	56 J
BASB037	22-Mar-01	(24.5-25.0)	<0.23	2.3	100	0.36	1.6	5.4	36	15	0.12	<0.93	49 J	3.6	<0.23	<0.23	22	38 J
BASB070	03-Apr-01	(3.0-3.5)	<0.21	4.1	140	0.44	1.9	8.6	33	20	0.057	<0.84	51	27	<0.21	<0.21	29	70 J
BASB070	03-Apr-01	(6.0-6.5)	<0.2	1.5	72	0.22	0.82	4.2	17	8.1	0.063	<0.81	29	3	<0.2	<0.2	14	21
BASB070	03-Apr-01	(9.5-10.0)	<0.2	2.5	140	0.44	1.3	8.5	25	14	0.043	<0.81	50	5.4	<0.2	0.34	19	32
BASB070	03-Apr-01	(14.5-15.0)	<0.22	2.5	130	0.49	1.6	7.8	30	17	0.058	<0.87	53	5.7	<0.22	0.45	19	41
BASB070	03-Apr-01	(22.5-23.0)	<0.2	3	120	0.44	1.7	9.9	41	19	0.06	<0.81	60	5.4	<0.2	0.21	25	42
BASB070	03-Apr-01	(24.5-25.0)	<0.22	2.4	100	0.34	1.3	7.8	26	14	0.044	<0.87	47	4.8	0.34	0.39	19	31
BASB071	03-Apr-01	(1.5-2.0)	<0.21	4.1	170	0.35	2	6.9	26	35	0.23	<0.82	38	130	0.49	<0.21	21	240
BASB071	03-Apr-01	(6.5-7.0)	<0.23	3.6	140	0.52	1.6	8.1	32	17	0.039	<0.91	42	6.5	<0.23	<0.23	28	38
BASB071	03-Apr-01	(9.5-10.0)	<0.23	3.5	160	0.53	1.6	9.2	33	17	0.058	<0.91	56	6.6	<0.23	0.33	23	37 J
BASB071	03-Apr-01	(14.5-15.0)	<0.22	2.8	150	0.56	1.8	8	37	20	0.064	<0.89	58	6.3	<0.22	<0.22	24	48 J
BASB071	03-Apr-01	(18.5-19.0)	<0.22	5.1	180	0.53	2.2	9.9	40	21	0.069	<0.87	64	6.2	<0.22	<0.22	34	48 J
BASB071	03-Apr-01	(19.5-20.0)	<0.22	2.2	150	0.46	1.7	11	37	20	0.054	<0.9	53	5.9	<0.22	<0.22	24	47

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 1																		
BASB071	03-Apr-01	(22.5-23.0)	<0.2	2.9	140	0.43	1.6	8	37	19	0.049	<0.82	54	5.9	<0.2	<0.2	27	37 J
BASB071	03-Apr-01	(24.5-25.0)	<0.23	3.4	120	0.4	1.5	8.2	34	17	0.048	<0.92	54	5.9	<0.23	<0.23	25	35 J
BASB072	05-Apr-01	(2.0-2.5)	<0.24	4.7	170	0.4	1.9	7.5	30	23	0.13	<0.94	44	44	<0.24	<0.24	28	110
BASB072	05-Apr-01	(5.5-6.0)	<0.2	2.6	77	0.31	1.2	5.1	24	11	0.035	<0.81	35	3.8	<0.2	<0.2	19	25
BASB072	05-Apr-01	(9.5-10.0)	<0.23	2.9	110	0.41	1.3	5.7	26	11	0.046	<0.91	40	4.4	<0.23	<0.23	21	27
BASB072	05-Apr-01	(14.5-15.0)	<0.23	2.5	130	0.48	1.6	7.6	32	17	0.069	<0.93	48	5.3	<0.23	<0.23	22	40
BASB072	05-Apr-01	(24.5-25.0)	<0.25	3.4	110	0.36	1.5	9.7	28	16	0.057	<0.99	58	5.4	<0.25	0.6	22	30
BASB073	02-Apr-01	(2.5-3.0)	<0.23	3.3	140	0.34	1.8	7.5	26	28	0.066	<0.91	42	16	<0.23	<0.23	26	60
BASB073	02-Apr-01	(4.5-5.0)	<0.22	2.9	110	0.34	1.5	5.9	27	14	0.15	<0.87	46	4.4	<0.22	<0.22	22	33
BASB073	02-Apr-01	(9.5-10.0)	<0.22	2	94	0.31	0.93	4.6	17	9.3	0.051	<0.87	34	3.9	<0.22	0.24	11	24
BASB073	02-Apr-01	(14.5-15.0)	<0.21	1.7	86	0.31	0.97	5.1	18	11	0.052	<0.84	33	3.9	<0.21	<0.21	11	26
BASB073	02-Apr-01	(19.5-20.0)	<0.22	1.4	100	0.3	1.1	6.5	21	12	0.05	<0.88	37	4.5	<0.22	<0.22	12	32
BASB073	02-Apr-01	(24.5-25.0)	<0.22	3.3	99	0.31	1.4	8	26	15	0.052	<0.89	50	5.6	<0.22	<0.22	19	31
BASB074	02-Apr-01	(2.5-3.0)	<0.22	4	120	0.39	1.9	7.4	30	17	0.036	<0.9	53	5.8	<0.22	<0.22	27	41
BASB074	02-Apr-01	(9.5-10.0)	<0.23	1.8	98	0.32	0.99	3.9	19	10	0.057	<0.92	29	4	<0.23	<0.23	12	24
BASB074	02-Apr-01	(14.5-15.0)	<0.24	2.2	110	0.37	1.3	5.9	24	13	0.076	<0.95	41	4.6	<0.24	<0.24	14	36
BASB074	02-Apr-01	(24.5-25.0)	<0.22	2.8	96	0.29	1.4	8.1	26	13	0.054	<0.88	48	8.1	<0.22	<0.22	19	28
BASB075	02-Apr-01	(6.5-7.0)	<0.22	3.2	140	0.42	1.5	6.6	26	16	0.023	<0.88	42	5.4	0.3	0.61	20	33
BASB075	02-Apr-01	(9.5-10.0)	<0.23	3.3	160	0.44	1.6	8	28	15	0.061	<0.93	60	7.1	<0.23	0.84	19	33
BASB075	02-Apr-01	(14.5-15.0)	<0.2	2	91	0.33	1.1	5.4	21	12	0.064	<0.82	37	4.1	<0.2	<0.2	12	29
BASB075	02-Apr-01	(24.5-25.0)	<0.23	1.6	88	0.24	1	4.1	22	9.8	0.051	<0.92	31	3.4	<0.23	<0.23	12	25
BASB076	30-Mar-01	(3.5-4.0)	<0.21	6.5	130	0.46	1.9	9.5	31	19	0.047	<0.82	47	12	0.51	0.28	37	49 J
BASB076	30-Mar-01	(6.5-7.0)	<0.22	3.9	150	0.52	1.7	10	34	17	0.025	<0.89	51	5.6	0.53	0.52	31	38 J

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 1																		
BASB076	30-Mar-01	(9.5-10.0)	<0.22	3.6	140	0.53	1.7	8	35	17	0.06	<0.87	51	5.7	<0.22	0.25	27	39 J
BASB076	30-Mar-01	(14.5-15.0)	<0.22	4.6	150	0.63	2.2	10	45	23	0.04	<0.86	67	7.4	0.28	<0.22	33	53 J
BASB076	30-Mar-01	(19.5-20.0)	<0.23	7.6	210	0.61	2.5	12	45	25	0.055	<0.9	65	7.2	0.37	0.77	40	57 J
BASB076	30-Mar-01	(24.5-25.0)	<0.23	4.4	120	0.44	1.8	9.9	38	19	0.054	<0.93	58	6	0.32	0.29	31	38 J
BASB077	30-Mar-01	(3.5-4.0)	<0.22	2.9	130	0.31	1.5	5.7	23	18	0.087	<0.86	32	30	0.22	<0.22	24	55 J
DUP	30-Mar-01	(4.5-5.0)	<0.24	3.7	110	0.47	1.6	5.6	33	15	0.036	<0.94	44	5	0.33	<0.24	30	34 J
BASB077	30-Mar-01	(9.5-10.0)	<0.23	4.8	92	0.56	1.8	8.4	39	19	0.069	<0.91	53	6	<0.23	<0.23	33	41 J
BASB077	30-Mar-01	(14.5-15.0)	<0.2	2.7	140	0.51	1.8	8.8	35	19	0.027	<0.82	50	6	<0.2	<0.2	25	43 J
BASB077	30-Mar-01	(19.5-20.0)	<0.22	5.4	150	0.49	2	13	39	20	0.044	<0.86	60	6.8	<0.22	0.82	32	44 J
BASB077	30-Mar-01	(24.5-25.0)	<0.22	4.5	150	0.43	1.6	11	36	16	0.067	<0.89	55	5.6	0.44	0.51	29	34 J
BASB078	05-Apr-01	(3.5-4.0)	<0.21	3.9	120	0.42	1.8	9.6	29	18	0.073	<0.83	46	20	0.26	0.92	26	50
BASB078	05-Apr-01	(6.5-7.0)	<0.22	5.7	190	0.62	2.6	14	46	24	0.034	<0.87	70	7.2	<0.22	0.46	42	51
BASB078	05-Apr-01	(9.5-10.0)	<0.23	2.2	120	0.42	1.3	4.6	26	13	0.059	<0.93	35	4.6	<0.23	<0.23	17	30
BASB078	05-Apr-01	(14.5-15.0)	<0.23	2.4	91	0.36	1.1	5.6	24	12	0.046	<0.91	37	4.4	0.34	0.46	15	29
BASB078	05-Apr-01	(24.5-25.0)	<0.22	3.6	100	0.36	1.5	9.6	30	16	0.051	<0.89	51	5.9	<0.22	0.53	22	32
BASB082	05-Apr-01	(1.5-2.0)	<0.23	4.1	86	0.31	1.3	5.7	21	12	0.12	<0.93	32	9.6	0.41	<0.23	20	36
BASB082	05-Apr-01	(4.5-5.0)	<0.22	1.9	54	0.22	0.82	3.5	15	7.5	0.024	<0.88	24	2.5	<0.22	<0.22	14	19
BASB082	05-Apr-01	(11.5-12.0)	<0.21	2.6	110	0.39	1.2	7.5	25	13	0.063	<0.85	41	4.6	<0.21	<0.21	18	31
BASB082	05-Apr-01	(14.5-15.0)	<0.24	3.4	130	0.47	1.6	7.5	33	18	0.086	<0.97	49	5.3	<0.24	<0.24	22	40
BASB082	05-Apr-01	(19.5-20.0)	<0.22	3.2	120	0.39	1.4	6	27	16	0.053	<0.87	41	5	<0.22	<0.22	21	35
Area 2																		
BASB006	31-Mar-01	(1.5-2.0)	<0.23	2.6	98	0.34	1.6	6.4	15	14	0.056	<0.9	29	4.2	<0.23	0.49	17	34 J
BASB006	31-Mar-01	(5.5-6.0)	<0.22	3.4	150	0.52	1.7	7.1	34	18	0.029	<0.9	47	5.8	<0.22	<0.22	26	40 J

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 2																		
BASB006	31-Mar-01	(9.5-10.0)	<0.23	4	160	0.5	1.7	7.7	34	17	0.13	<0.93	52	5.6	<0.23	<0.23	26	38 J
BASB006	31-Mar-01	(14.5-15.0)	<0.22	3.3	140	0.51	1.8	8.3	37	20	0.068	<0.87	56	5.9	<0.22	<0.22	25	45 J
BASB006	31-Mar-01	(26.5-27.0)	<0.22	2.6	190	0.34	1.4	7.5	29	14	0.053	<0.88	48	4.3	0.32	0.93	21	32 J
BASB007	31-Mar-01	(1.5-2.0)	<0.2	5.6	130	0.39	1.7	7.5	30	15	0.031	<0.82	45	6.7	<0.2	<0.2	27	35 J
BASB007	31-Mar-01	(4.5-5.0)	<0.23	3.2	160	0.56	1.6	7.5	34	18	0.023	<0.92	47	6.2	<0.23	<0.23	25	41 J
BASB007	31-Mar-01	(9.5-10.0)	<0.24	3.3	170	0.51	1.7	8.4	35	19	0.072	<0.95	54	5.9	<0.24	<0.24	26	41 J
BASB007	31-Mar-01	(14.5-15.0)	<0.23	3	140	0.49	1.7	6.9	36	19	0.076	<0.91	49	5.7	<0.23	<0.23	22	43 J
BASB007	31-Mar-01	(25.5-26.0)	<0.22	3.3	120	0.37	1.6	7.9	34	17	0.066	<0.89	51	5	<0.22	<0.22	23	36 J
BASB008	21-Mar-01	(3.5-4.0)	<0.23	4.5	200	0.41	2.1	9.3	36	23	0.065	<0.93	53 J	26	0.25	<0.23	30	76 J
DUP	21-Mar-01	(4.5-5.0)	<0.24	3.2	90	0.34	1.2	7.6	24	12	<0.02	<0.95	46 J	4.1	0.44	0.49	22	28 J
BASB008	21-Mar-01	(9.5-10.0)	<0.24	3.3	140	0.58	1.7	8.8	39	19	0.067	<0.97	57 J	6.9	<0.24	<0.24	29	40 J
BASB008	21-Mar-01	(14.5-15.0)	<0.23	2.8	150	0.56	1.8	8.3	41	21	0.063	<0.92	60 J	6.5	<0.23	0.42	26	50 J
BASB008	21-Mar-01	(24.5-25.0)	<0.22	2.5	120	0.36	1.5	6.5	35	17	0.049	<0.88	48 J	4.9	<0.22	<0.22	21	35 J
Area 3																		
BASB040	03-Apr-01	(3.5-4.0)	<0.23	2.6	79	0.31	1.1	6.1	18	10	0.037	<0.91	35	3.9	<0.23	<0.23	18	25
DUP	03-Apr-01	(4.5-5.0)	<0.21	2.4	68	0.26	1.1	5.5	20	9.7	0.059	<0.84	37	3.1	<0.21	<0.21	16	23
BASB040	03-Apr-01	(9.5-10.0)	<0.22	2.5	110	0.39	1.3	6.9	24	14	0.072	<0.88	45	5	<0.22	0.47	17	31
BASB040	03-Apr-01	(14.5-15.0)	<0.23	3.3	150	0.48	1.8	7.7	32	18	0.046	<0.92	53	5.6	<0.23	0.49	25	43
BASB040	03-Apr-01	(19.5-20.0)	<0.22	2.6	120	0.39	1.6	5.5	32	17	0.062	<0.89	41	4.8	<0.22	<0.22	20	39
BASB040	03-Apr-01	(24.5-25.0)	<0.23	3.3	120	0.38	1.5	6.7	32	16	0.062	<0.92	46	4.6	<0.23	<0.23	24	34
BASB041	28-Mar-01	(3.5-4.0)	0.8	2.7	120	0.4	1.4	5.4	25	13	0.035	<0.97	32	28	<0.24	<0.24	24	36
DUP	28-Mar-01	(4.5-5.0)	<0.24	2.8	65	0.4	2.1	5.2	31	21	0.056	<0.97	36	49	<0.24	<0.24	26	50
BASB041	28-Mar-01	(9.5-10.0)	<0.24	2.5	110	0.49	1.4	6.9	31	15	0.06	<0.97	46	5.6	<0.24	<0.24	24	36

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 3																		
BASB041	28-Mar-01	(14.5-15.0)	<0.24	4.4	130	0.54	1.7	7.5	37	18	0.061	<0.96	53	6.4	<0.24	<0.24	30	43
BASB041	28-Mar-01	(24.5-25.0)	<0.25	3.6	130	0.44	1.4	8	36	17	0.044	<0.99	52	6.3	<0.25	<0.25	27	34
Area 4																		
BASB012	19-Mar-01	(3.5-4.0)	<0.19	1.1	69	0.26	2.7	5.9	5.1	12	0.054	<0.75	20	17	<0.19	0.55	29	93
BASB012	19-Mar-01	(9.5-10.0)	<0.24	3.4	100	0.46	1.9	8.6	37	20	0.054	<0.98	59	6.2	<0.24	0.34	24	43
BASB012	19-Mar-01	(14.5-15.0)	<0.2	3	94	0.37	1.8	6.9	31	17	0.063	<0.79	47	5.3	<0.2	<0.2	24	39
BASB012	19-Mar-01	(24.0-24.5)	<0.22	3.3	160	0.37	1.9	9.1	37	21	0.056	<0.88	67	6	<0.22	0.73	23	42
BASB013	20-Mar-01	(2.5-3.0)	<0.22	1.3	55	0.15	2.2	20	160	35	0.041	<0.87	94	1.9	<0.22	<0.22	20	21
BASB013	20-Mar-01	(4.5-5.0)	<0.21	4.4	190	0.47	2.4	9.7	35	19	<0.02	<0.85	58	5.7	<0.21	0.29	29	42
BASB013	20-Mar-01	(9.5-10.0)	<0.23	3.2	130	0.45	2.1	8.7	31	18	0.052	<0.93	56	5.9	<0.23	0.35	21	43
BASB013	20-Mar-01	(14.5-15.0)	<0.21	2.7	150	0.4	2.1	6	29	17	0.069	<0.84	46	4.8	<0.21	<0.21	21	41
BASB016	04-Apr-01	(2.0-2.5)	<0.22	2.6	100	0.21	1.4	5.4	19	32	0.14	<0.86	29	60	0.39	<0.22	17	81
BASB016	04-Apr-01	(5.5-6.0)	<0.23	2.7	120	0.38	1.5	6.8	30	15	0.069	<0.91	47	4.8	<0.23	0.31	25	34
BASB016	04-Apr-01	(9.5-10.0)	<0.22	2.7	110	0.35	1.3	5.6	25	12	0.036	<0.86	37	4.4	<0.22	<0.22	21	27
BASB016	04-Apr-01	(14.5-15.0)	<0.21	2.8	120	0.41	1.7	6.9	33	17	0.079	<0.84	47	5.2	<0.21	<0.21	24	38
BASB016	04-Apr-01	(24.5-25.0)	<0.22	2.8	99	0.3	1.5	8	30	16	0.075	<0.87	53	5	<0.22	0.3	21	31
Area 5																		
BASB022	04-Apr-01	(1.5-2.0)	<0.23	5.4	140	0.46	2.2	10	33	25	0.072	<0.93	54	31	<0.23	<0.23	31	64
BASB022	04-Apr-01	(4.5-5.0)	<0.18	7.6	130	0.27	1.6	6	22	21	0.061	2.1	32	63	<0.18	0.47	23	100
BASB022	04-Apr-01	(9.5-10.0)	<0.23	3.9	88	0.26	1.7	5.4	16	24	0.08	1.6	26	23	<0.23	<0.23	21	84
BASB022	04-Apr-01	(14.5-15.0)	<0.23	4.1	150	0.53	2.3	8.9	41	23	0.058	<0.93	62	6.4	<0.23	<0.23	31	50
BASB022	04-Apr-01	(20.5-21.0)	<0.19	4.3	120	0.38	1.6	7.2	28	17	0.076	<0.75	45	6.9	<0.19	<0.19	25	39
BASB023	04-Apr-01	(1.5-2.0)	0.52	33	220	0.21	2.3	6.3	11	25	0.25	1.6	17	130	0.55	1.9	16	400

Table 11
Title 22 Metals Detected in Soil
Batarse Site, Oakland, California
Concentrations in milligrams per kilogram (mg/kg)

Location ID	Date Sampled	Depth (feet bgs)	Ag	As	Ba	Be	Cd	Co	Cr	Cu	Hg	Mo	Ni	Pb	Se	Tl	V	Zn
Area 5																		
BASB023	04-Apr-01	(4.5-5.0)	<0.24	2.1	63	0.26	0.91	4.5	16	8	0.033	<0.97	27	3.6	<0.24	<0.24	16	23
BASB023	04-Apr-01	(10.5-11.0)	<0.23	4.5	140	0.56	2	9.5	37	18	0.048	<0.92	55	6.5	<0.23	<0.23	32	40
BASB023	04-Apr-01	(14.5-15.0)	<0.24	3.5	100	0.5	2	9.1	35	20	0.067	<0.97	60	6.2	<0.24	<0.24	26	44
BASB023	04-Apr-01	(20.5-21.0)	<0.24	4.8	190	0.41	2	8	38	24	0.078	4.8	49	33	<0.24	0.25	28	120
BASB024	04-Apr-01	(1.5-2.0)	<0.23	3	130	0.36	1.5	6.7	25	17	0.06	<0.9	40	17	<0.23	<0.23	23	47
BASB024	04-Apr-01	(3.5-4.0)	<0.21	4.1	140	0.48	1.9	8.1	33	18	0.039	<0.83	50	6.4	<0.21	<0.21	30	41
BASB024	04-Apr-01	(9.5-10.0)	<0.21	3.5	120	0.53	2	8.8	35	20	0.062	<0.85	57	6.3	<0.21	<0.21	25	47
BASB024	04-Apr-01	(14.5-15.0)	<0.23	4.1	160	0.5	2	11	31	21	0.05	<0.9	60	6.4	<0.23	0.45	25	42
BASB024	04-Apr-01	(21.5-22.0)	<0.21	2.9	110	0.39	1.4	6.5	31	15	0.06	1.4	38	6.1	<0.21	<0.21	22	92
BASB025	04-Apr-01	(3.5-4.0)	<0.23	3.9	120	0.33	1.7	6.4	25	16	0.041	<0.94	35	18	0.48	<0.23	25	110
DUP	04-Apr-01	(4.5-5.0)	<0.21	3.3	150	0.45	1.7	6.6	32	20	0.023	<0.86	42	6	<0.21	0.32	29	41
BASB025	04-Apr-01	(9.5-10.0)	<0.25	3.5	110	0.44	1.7	8	30	17	0.046	<0.98	48	5.7	<0.25	<0.25	24	40
BASB025	04-Apr-01	(14.5-15.0)	<0.25	2.6	130	0.4	1.5	6.5	28	17	0.045	<0.99	43	5	<0.25	<0.25	21	37
BASB025	04-Apr-01	(24.5-25.0)	<0.22	2.5	250	0.32	1.5	7.6	29	16	0.063	<0.87	49	4.9	0.39	1.3	21	31
BASB086	04-Apr-01	(1.5-2.0)	<0.23	0.87	50	0.41	3	10	3.2	15	0.11	<0.91	18	3.4	<0.23	0.61	61	71
BASB086	04-Apr-01	(3.5-4.0)	<0.21	4.2	85	0.28	1.3	8	20	10	0.033	<0.83	37	4.6	0.39	1.5	20	27
BASB086	04-Apr-01	(9.5-10.0)	<0.23	3.5	100	0.38	1.5	6.8	28	13	0.071	<0.92	41	4.8	<0.23	0.34	25	31
BASB086	04-Apr-01	(15.5-16.0)	<0.23	3.7	120	0.45	1.7	7.8	33	18	0.062	<0.9	52	5.7	<0.23	<0.23	25	42
BASB086	04-Apr-01	(19.5-20.0)	<0.25	3.3	160	0.42	1.9	8.5	34	20	0.06	<0.99	55	5.8	<0.25	0.71	23	43
BASB087	04-Apr-01	(3.5-4.0)	<0.24	3.3	110	0.39	2.8	6.8	5.8	21	0.13	<0.96	18	14	0.62	0.51	26	92
DUP	04-Apr-01	(4.5-5.0)	<0.22	2	130	0.44	1.7	6.2	38	20	0.031	<0.89	46	5.3	<0.22	<0.22	30	43
BASB087	04-Apr-01	(9.5-10.0)	<0.21	2.8	97	0.37	1.5	7.4	27	16	0.063	<0.85	47	4.8	<0.21	<0.21	21	34
BASB087	04-Apr-01	(14.5-15.0)	<0.24	4.2	130	0.4	1.7	8.8	31	17	0.051	<0.94	48	5.8	<0.24	<0.24	25	36

ATTACHMENT C

Client Authorization Letter

LLOYD A. WISE CO.
Established 1914
A. A. Batarse, Jr., CEO
Tel. (510) 499-3001 Direct

Mr. Mark Detterman
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Shallow Soil Site Investigation Work Plan
Batarse Property, 1424-1560 105th Avenue & 10550 International Boulevard, Oakland, California
Alameda County LOP Case # RO3151

Dear Mr. Detterman:

Attached for your review is a Shallow Soil Site Investigation Work Plan for the referenced case. The work plan was prepared by WellTest, Inc. at my request.

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

If you should have any questions or comments, please do not hesitate to contact me, or the WellTest project manager, Bill Dugan at (408) 287-2175.

Sincerely,

Anthony A. Batarse, Jr.
10550 International Blvd.
Oakland, CA 94603