PREFERENTIAL PATHWAY SURVEY AND SITE ASSESSMENT WORK PLAN 925 STANFORD AVENUE OAKLAND, CALIFORNIA

PREPARED FOR:
Ms. Susan Rosenberg
Willbett Company
109 Hartford Road
Danville, California 94526

PREPARED BY:
Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612

July 28, 2009
Project No. 401559001

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Ms. Susan Rosenberg
Willbett Company
109 Hartford Road
Danville, California 94526

Subject: Preferential Pathway Survey and Site Assessment Work Plan
925 Stanford Avenue
Oakland, California

Dear Ms. Rosenberg:

Enclosed please find our Preferential Pathway Survey and Site Assessment Work Plan for the subject property.

The attached work plan has been prepared to document our proposed scope of work for the purpose of assessing the extent and magnitude of petroleum hydrocarbon impacts to soil and groundwater resulting from releases from former USTs on site.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

Professional Geologist
Kristopher M. Larson
No. 8059
State of California

Cem R. Atabek
Senior Staff Environmental Engineer

Kris M. Larson, P.G. 8059
Senior Environmental Geologist

CRA/KML/csj

Distribution: (1) Addressee
(1 electronic copy) Barbara Jakub, Alameda County Environmental Health

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1. INTRODUCTION

Ninyo & Moore has prepared a Preferential Pathway Survey and Site Assessment Work Plan for the property located at 925 Stanford Avenue in Oakland, California (site) (Figure 1). The Preferential Pathway Survey and Site Assessment Work Plan has been prepared in response to a letter issued by the Alameda County Environmental Health Department (ACEH), dated April 30, 2009, which requested that an investigation be performed to evaluate the extent of impacted soil and groundwater reported from releases of petroleum compounds from underground storage tanks (USTs) formerly on site. A copy of the ACEH letter is included as Appendix A.

1.1. Site Description

The site is located in a mixed industrial/commercial/residential area of Oakland near the Emeryville Boarder. The industrial style building on site is currently occupied by S.T. Johnson, an industrial and commercial burner manufacturing company. The remainder of the site consists of asphalt and concrete parking areas. The site is bordered by Stanford Avenue to the north, Lowell Street to the west, Grace Avenue to the south and a small industrial style facility adjacent to the east. Grace Avenue dead ends on the south side of the site and this unpaved area is used as parking.

1.2. Purpose

The purposes of the workplan are:

- To provide an understanding of the site with respect to the site background, previous environmental work, potential preferential pathways for migration of contaminants; and
- To propose field activities intended to evaluate petroleum hydrocarbon impacts to soil and groundwater in the site vicinity.

2. BACKGROUND

According to the Report of UST Removal Activities, prepared by Gribi Associates (Gribi, 2008), two USTs and an above ground storage tank (AST) were formerly located on site, all of which reportedly contained heating oil which was used in the boiler and furnace manufacturing facility

on site. One of the USTs was an approximately 1,300-gallon tank which was located in the northwest corner of the site and the other UST was an approximately 425-gallon tank which was located at the southeast corner of the site (Figure 2). An approximately 650-gallon AST was located off the southwest corner of the site. The AST was removed on March 6, 2008, and the USTs were removed during the week of April 21, 2008 by Golden Gate Tank Removal under the supervision of Gribi Associates. Sampling of soil and groundwater from the UST excavations was performed following removal of the USTs and also after over-excavation activities. A copy of the Report of UST Removal Activities is included as Appendix B.

Analytical results revealed no detectable concentrations of petroleum compounds in the soil samples collected from beneath east and west ends of the former 1,300-gallon UST at a depth of 10 feet below ground surface (bgs) subsequent to tank removal and in the soil samples collected from 11 feet bgs subsequent to over-excavation. Elevated concentrations of petroleum compounds were detected in the groundwater samples collected from this UST excavation. Concentrations of petroleum compounds in groundwater sample collected subsequent to UST removal but prior to dewatering and over-excavation were 11,000 micrograms per liter (µg/L) of total petroleum hydrocarbons as gasoline (TPHg), 140,000 µg/L of total petroleum hydrocarbons as motor oil (TPHmo), and 430,000 µg/L of total petroleum hydrocarbons as diesel (TPHd). Subsequent to dewatering and over-excavation, the groundwater sample collected revealed lower yet still elevated concentrations of TPHg (160 µg/L), TPHmo (7,600 µg/L) and TPHd (16,000 µg/L).

Analytical results revealed slightly elevated concentrations of TPHd and TPHmo and low concentrations of TPHg in the soil samples collected from the beneath the former 425-gallon UST at depths of 8 and 10 feet bgs. Concentrations of petroleum compounds detected in the sample collected from just below the center of the UST at a depth of 8 feet bgs were 390 milligrams per kilogram (mg/kg) of TPHd, 370 mg/kg of TPHmo, and 43 mg/kg of TPHg. A similar concentration of TPHg (49 mg/kg) and lower concentrations of TPHd (120 mg/kg) and TPHmo (32 mg/kg) were detected in the sample collected from 10 feet bgs. Only very low to non-detectable concentrations of petroleum compounds were detected in the samples collected

from 11 feet bgs subsequent to over-excavation. A groundwater samples was collected from this excavation subsequent to UST removal but prior to dewatering and over-excavation which revealed slightly elevated concentrations of TPHd (310 µg/L) and TPHmo (370 µg/L) and no detectable concentration of TPHg. A groundwater sample could not be collected subsequent to dewatering and over-excavation due to instability of the excavation sidewalls.

Benzene, toluene, ethyl-benzene, and xylenes were not detected in the soil or groundwater samples collected from either excavation with the exception of low concentrations of ethyl-benzene and xylenes detected in the soil sample collected at 8 feet bgs in the former 425-gallon UST excavation.

3. PHYSICAL SETTING

3.1. Geologic Setting

The area of the site is relatively flat, with a gradual downward slope toward the west. The Oakland/Emeryville area is situated on a broad, alluvial plain that slopes gently west from the Berkeley/Oakland hills to the San Francisco Bay. The alluvial plain is comprised of alluvial sediments derived from erosion of the hills to the east. The site region is located near the center of the alluvial plain and is underlain by fine-grained alluvial and tidal-bay sediments of geologically recent age. The most shallow soil is likely comprised of fill material.

3.2. Hydrogeologic Setting

According to the Report of UST Removal Activities, groundwater was encountered above 8 feet bgs. Photographs included in the Report of UST Removal Activities suggest the depth to groundwater to be approximately 6 to 7 feet bgs. The groundwater flow direction is anticipated to be towards the west, following the natural topography of the area.

3.3. Surface Water Bodies

The San Francisco Bay is the closest surface water body and is located approximately 1.15 miles west of the site.

4. PREFERENTIAL PATHWAY SURVEY

Ninyo & Moore has performed a Preferential Pathway Survey to locate utility conduits within the site vicinity to evaluate whether the conduits may have or are currently acting as preferential pathways for contaminant migration away from the site. The following sections describe the activities conducted to evaluate the presence of preferential pathways in the site vicinity which included reviewing utility maps, performing a utility survey, and reviewing well information for registered wells in the area of the site. Approximate locations and depths of utilities in the site vicinity are presented on Figure 2.

4.1. Review of Utility Maps

Utility maps were provided for review from the Pacific Gas and Electric Company (PG&E), East Bay Municipal Utility District (EBMUD), and the City of Oakland's Community and Economic Development Agency (CEDA). Copies of the utility maps reviewed are presented in Appendix C.

The figures provided by PG&E indicate the presences of a 6-inch diameter gas line which trends north-south under the property adjacent to the west of the site. The gas line turns east to supply gas to the site near the southwest corner of the site. Many of the electrical lines in the site vicinity are above ground. Two underground electrical lines are indicated to be present to the north of the site under Stanford Avenue. These lines are indicated to be 16 inches bgs and 18 inches bgs. Electricity for the site is provided through overhead lines located on Grace Avenue on the south side of the site.

The EBMUD map indicates a 30-inch diameter water line encased in a 40-inch culvert located approximately 90 feet north of the site trending northeast-southwest under Stanford Avenue. The 30-inch water line turns and continues under 59th Street trending east-west. An 8-inch diameter water line which branches off the 30-inch water line is located west of the site, trending north-south under Lowell Street. An 8-inch diameter water line which branches off the 8-inch water line mentioned above is located adjacent and north of the site, trending northeast-southwest under Stanford Avenue. A 4-inch diameter water line branches off from

the 8-inch water line located beneath Lowell Street, trends southwest, and terminates near the west side of Lowell Street. This may be an abandoned water line.

Additional information regarding the depths of water lines adjacent to the site was requested from EBMUD. EBMUD provided additional figures which indicated the depth of the water line under Stanford Avenue to be approximately 3 feet bgs and the depth of the water line under Lowell Street to be approximately 5.5 feet bgs (Figure 2).

The utility maps reviewed at the City of Oakland CEDA indicated the locations of storm drain and sanitary sewer pipelines in the vicinity of the site. The maps indicated a 10-inch diameter sanitary sewer line located adjacent and north of the site beneath Stanford Avenue trending in the southwest direction. This sanitary sewer line turns and trends south beneath the center of Lowell Street west of the site then turns and trends west beneath the center of Grace Avenue. A 6-inch diameter sanitary sewer line is indicated to trend west under the center of Grace Avenue on the south side of the site which connects to the 10-inch diameter sanitary sewer line described above beneath the intersection of Grace Avenue and Lowell Street. The maps indicate a 15-inch diameter storm drain which originates off the northwest corner of the site beneath Stanford Avenue and trends southwest beneath Stanford Avenue then turns and trend south beneath Lowell Street. The 15-inch storm drain turns into an 18-inch diameter storm drain near the intersection of Lowell Street and Grace Avenue and continues trending south beneath Lowell Street. A storm drain is observed approximately 90 feet northwest of the site trending northeast beneath Stanford Avenue which is indicated to be plugged near the intersection of Lowell Street and Stanford Avenue. This plugged storm drain is connected to a 15-inch diameter storm drain which trends south beneath Lowell Street.

4.2. Utility Survey

Ninyo & Moore marked the site and site vicinity and obtained a USA ticket, informing local utility companies to mark any utilities within the designated area. Additionally, Precision Locating (Precision) of Brentwood, California, was retained to perform a utility survey of

the utilities on site and in the site vicinity on July 7, 2009. The utility locating subcontractor verified the utility locations identified by USA, and located additional utilities not marked by USA. Precision identified the approximate locations and depths of utilities using magnetics, electromagnetics (EM), and electromagnetic line locators. During the utility survey, Ninyo & Moore confirmed the locations of manholes, observe asphalt cuts/patches which may be indicative of utility trenches, and measure the depth of inverts where possible. Information obtained from the utility survey is presented on Figure 2.

The utility survey identified features which were either different from what was indicated in the utility figures reviewed or were not indicated on those figures. These features include underground electrical lines which were observed to travel from a PG&E vault located near the northeast corner of the site to an electrical pole located on the north side of the site near the former 1,300-gallon UST. These lines appear to correspond with the underground lines indicated in the figure provided by PG&E, however they are located under the sidewalk as apposed to Stanford Avenue. Other features identified include two pipelines of unknown use which were observed to trend south from the south side of the site towards the sanitary sewer. The depths of these unknown pipelines could not be estimated. Suspected product piping and a vent pipe were identified which originate at the east end of the former 1,300-gallon UST and trend southeast towards the building on site. These pipelines were estimated to be approximately 32 inches deep.

4.3. Well Search

A request for information on wells located within a quarter mile of the site was submitted to the California the Department of Water Resources (DWR) and the Alameda County Public Works Agency (ACPW), Water Resources Section. Copies of pertinent well information provided by these agencies are presented in Appendix D.

Well Completion Reports for wells in the area of the site were provided for review by the DWR. Although a search radius of a quarter mile from the site was requested, all of the wells listed are located over a quarter mile from the site with the exception of a 92-foot

deep, 8-inch diameter well indicated to be for industrial use which is located at 5702B Adeline Street in Oakland, approximately 800 feet southeast of the site. Because of the distance of this well from the site and its cross-gradient location, it is unlikely that groundwater in the vicinity of this well has been impacted by constituents of concern migrating from the site.

Well information for wells in the area of the site was also provided by ACPW for review. Although a search radius of a quarter mile from the site was requested, most of the wells listed are located over a quarter mile from the site with the exception of two wells. These two wells are the well located at 5702B Adeline Street in Oakland which is discussed above, and an 18-foot deep monitoring well located at 5829 Adeline Street, approximately 750 feet east of the site. Because of the distance of this well from the site and its up-gradient location, it is unlikely that groundwater in the vicinity of this well has been impacted by constituents of concern migrating from the site.

5. PROPOSED SCOPE OF WORK

Ninyo & Moore proposes to perform a subsurface investigation to evaluate the magnitude and extent of petroleum hydrocarbon impacts in soil and groundwater in the vicinity of the former USTs. The purposes of the proposed scope of work includes the following:

5.1. Pre-field Preparations

Underground Services Alert: As required by State law, Ninyo & Moore will mark the locations of proposed soil borings with white paint and call USA to obtain a utility location ticket at least 48 hours prior to drilling.

Utility Location: Private utility location was performed to clear the proposed boring locations during the utility survey of the entire site, therefore additional private utility location services will not be performed.

Permits: A drilling permit will be obtained from ACPW prior to field activities.

5.2. Proposed Borings for Lateral and Vertical Delineation of Petroleum Hydrocarbons in Soil and Groundwater

The extent of soil and groundwater impacts originating from the former USTs on site is undefined. Ninyo & Moore proposes to advance seven borings (B-1 through B-7) for the purpose of soil and groundwater sampling to evaluate the lateral and vertical extent of impacts and to evaluate whether an off-site source may also be impacting the site (Figure 2). Four borings (B-1 through B-4) will be advanced in the area surrounding the former 1,300-gallon UST in the northwest portion of the site and three borings (B-5 through B-7) will be advanced in the area surrounding the former 425-gallon UST in the southeast portion of the site. Boring B-1 will be advanced approximately 25 feet east of the former 1,300-gallon UST to evaluate whether impacts to soil and groundwater on site may be contributed to in part by migration of constituents of concern from an off-site UST. According to Ms. Susan Rosenberg, the property owner, a UST is located beneath the driveway of the eastern adjacent property.

The borings will be advanced using a direct push drill rig to a depth of approximately 15 feet bgs. Continuous soil cores will be collected in acetate liners and examined by a Ninyo & Moore field staff. Observations of soil lithology will be recorded on soil boring logs. Encountered soils will be screened for volatile compounds using a photo-ionization detector (PID) and the results of the field screening will be recorded on the boring logs. All field work will be performed under the supervision of a California Professional Geologist.

5.3. Soil and Groundwater Sampling Methodology

Soil samples will be collected from each boring near the soil/groundwater interface or at the depth where physical signs of impacts such as staining, odors or elevated PID readings are first observed, and at a depth of approximately 10 feet bgs or where physical signs of impacts are no longer observed. Groundwater is anticipated to be encountered at approximately 6 to 7 feet bgs, based on the information in the Report of UST Removal Activities. Soil samples will be collected by transferring soil from the acetate liners at the desired depths into 8-ounce glass jars. The samples will be labeled, inserted into plastic bags, and stored on ice

under chain-of-custody for transport to a State certified analytical laboratory. Proposed analytical methods are presented below.

If physical signs of impacts are not observed in a boring, the deeper sample collected will be placed on hold pending the analytical results of the sample collected from the soil/groundwater interface.

A grab groundwater sample will be collected from each boring. Upon completion of the direct push boring, temporary PVC well casing will be installed in the borehole. The depth to groundwater will be measured through the casing using a decontaminated water level meter prior to sampling and the depth to water will be recorded on the boring log. A groundwater sample will then be collected using a new, disposable bailer or a peristaltic pump with new tubing. The samples will be decanted into the appropriate laboratory supplied sample containers, labeled, inserted into protective sleeves, and stored on ice under chain-of-custody for transport to the analytical laboratory.

5.4. Decontamination

To minimize the likelihood of cross contamination, all down-hole tooling will be decontaminated prior to use at each new boring location and nitrile gloves will be changed between collection of each sample. Decontamination will be performed using a steam cleaner or a three station wash consisting of a pre-wash rinse of tap water using a brush, if necessary, to remove sediments from the equipment, followed by a rinse in an appropriate detergent solution, followed by a final rinse in distilled water.

5.5. Analytical Methods

Because the former USTs were reportedly used for storage of heating oil and no significant concentrations of BTEX compounds were detected in the soil or groundwater samples collected during the tank removal activities, BTEX compounds will not be analyzed in the samples collected. The samples collected will be analyzed TPHd, TPHmo, and TPHg by EPA Method 8015B.

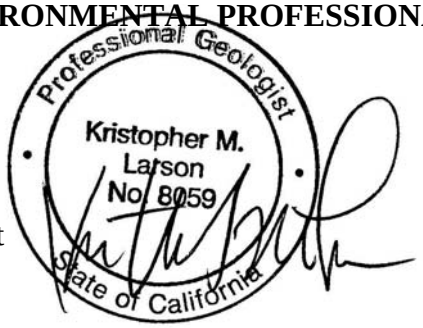
5.6. Site Assessment Report

Following completion of the proposed field activities, Ninyo & Moore will issue a *Site Assessment Report*. The report will document the site assessment field methods and present the results of the investigation. At a minimum, the report will contain:

- A description of site background;
- A summary of previous work;
- Documentation of drilling and sampling methods;
- A discussion of investigation findings;
- Our conclusions and recommendations,
- A series of figures showing utility conduits, locations of soil borings,, and analytical results of soil and groundwater samples;
- A tabular presentation of soil and groundwater data;
- Copies of drilling permits;
- Boring logs; and
- Copies of analytical reports.

The report will be submitted to the ACEH for review and uploaded to Geotracker, the State Water Board's online database.

6. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL



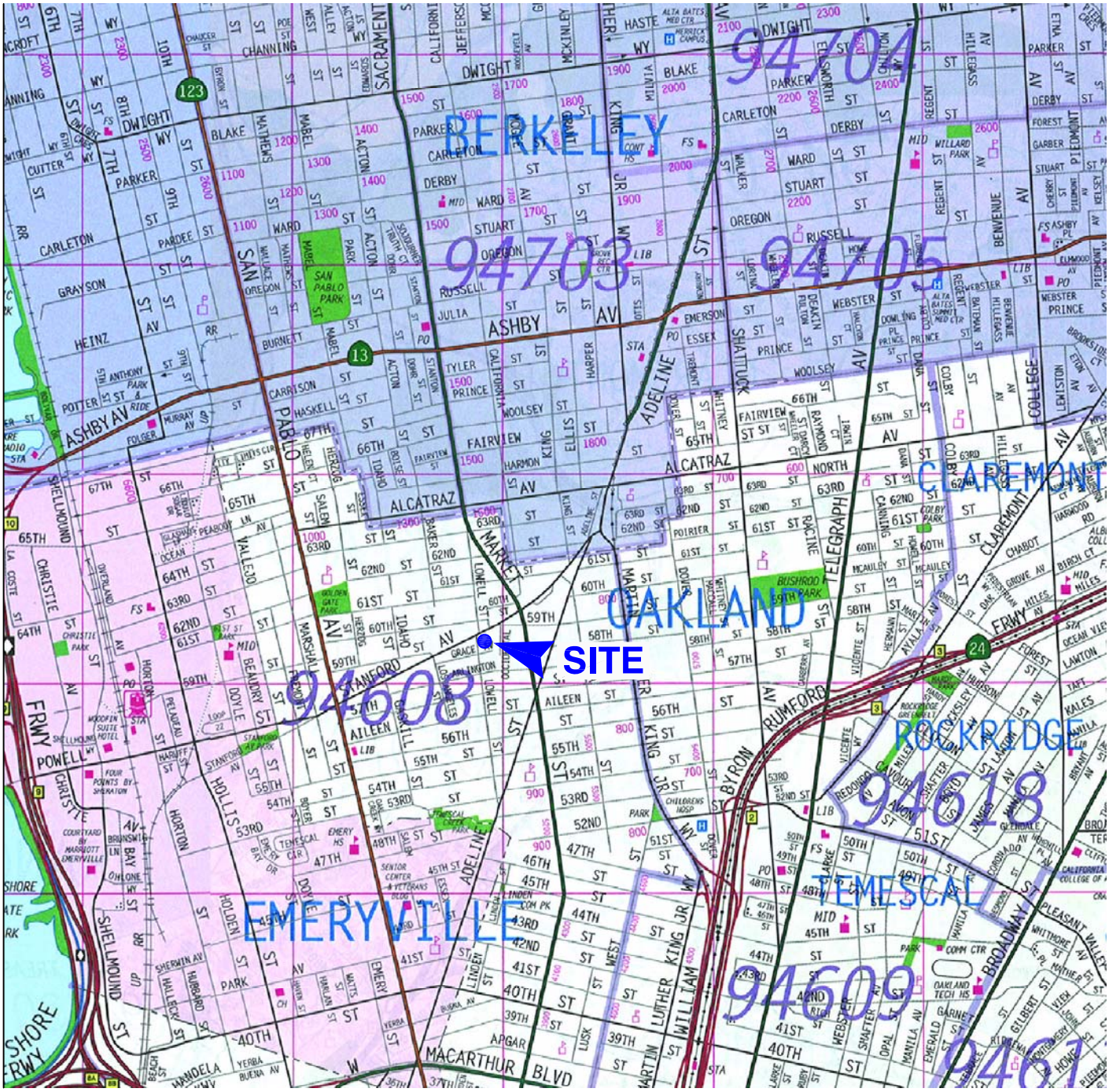
Kris M. Larson, P.G. 8059
Senior Environmental Geologist

7. QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

Mr. Larson states that the Preferential Pathway Survey and Site Assessment Work Plan was prepared under his direct supervision, that he has reviewed and approved the Preferential Pathway Survey and Site Assessment Work Plan, and that the methods and procedures employed in the development of the Preferential Pathway Survey and Site Assessment Work Plan conform to the minimum industry standards. Mr. Larson certifies that Ninyo & Moore project personnel and subcontractors are properly licensed and/or certified to conduct the work described herein.

8. REFERENCES

Gribi Associates, 2008, Report of Underground Storage Tank Removal Activities, 925 Stanford Avenue, Oakland, California, dated June 4.



REFERENCE: METRO AREAS OF ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES, THOMAS GUIDE, 2008.

N

APPROXIMATE SCALE IN FEET

0 1900 3800

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	SITE LOCATION MAP	FIGURE
PROJECT NUMBER: 401559001	DATE: 7/09	PREFERENTIAL PATHWAY SURVEY AND SITE ASSESSMENT WORK PLAN 925 STANFORD AVENUE OAKLAND, CALIFORNIA	1

REFERENCE: GOOGLE EARTH, 2009.

N

APPROXIMATE SCALE IN FEET

0 50 100

LEGEND	
	ELECTRIC LINE
	GAS LINE
	WATER LINE
	SANITARY SEWER
	STORM DRAIN
	OTHER PIPELINES
B-7	APPROXIMATE LOCATION OF EXPLORATORY BORING

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	UTILITY MAP	FIGURE
PROJECT NUMBER: 401559001	DATE: 7/09	2
PREFERENTIAL PATHWAY SURVEY & SITE ASSESSMENT WORK PLAN 925 STANFORD AVENUE OAKLAND, CALIFORNIA		

APPENDIX A

REGULATORY AGENCY CORRESPONDENCE

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

April 30, 2009

Ms. Susan Rosenberg
Willbett Company
109 Hartford Road
Danville, CA 94526

Subject: Fuel Leak Case No. RO00002983 and Geotracker Global ID T10000000420, Willbett Company, 925 Stanford Avenue, Oakland, CA 94608

Dear Ms. Rosenberg:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the June 4, 2008 *Report of Underground Storage Tank Removal Activities* that was submitted by Gribi Associates.

Please investigate the extent of soil and groundwater contamination. This type of investigation involves drilling one or more soil borings and collecting soil and groundwater samples for chemical analysis. Groundwater monitoring wells may be needed and groundwater sampled to define the extent of the dissolved contaminant plume cited in the technical comments listed below. Please submit a work plan detailing your proposal to define the extent of soil and groundwater contamination by the due date requested below.

TECHNICAL COMMENTS

1. **Soil and Groundwater Investigation** - Water samples collected during the 1,300-gallon UST removal detected maximum concentrations of 430,000 micrograms per liter (µg/L) total petroleum hydrocarbons as diesel (TPHd), 11,000 µg/L TPH as gasoline (TPHg) and 140,000 µg/L TPH as motor oil (TPHmo). Up to 390 milligrams per kilogram (mg/kg) TPHd, 49 mg/kg TPHg and 370 mg/kg TPHmo was detected in soil samples collected during the tank removal. Please investigate the extent of soil and groundwater contamination. We recommend that your investigation incorporate expedited site assessment techniques. Expedited site assessment tools and methods are a scientifically valid and cost-effective approach to fully define the three-dimensional extent of the plume. Technical protocol for expedited site assessments are provided in the U.S. Environmental Protection Agency's (EPA) "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001), dated March 1997. Please submit your proposal to define the extent of contamination in the work plan requested below.

2. **Preferential Pathway Survey** - The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of the plume encountering preferential pathways and conduits that could spread contamination. We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for vertical and lateral migration that may be present in the vicinity of the site.

   Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed well survey and utility survey requested below) and report your results in the Work Plan requested below. The results of your study shall contain all information required by California Code of Regulations, Title 23, Division 3, Chapter 16, §2654(b).

   a. Utility Survey

   An evaluation of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s) is required as part of your study. Please include maps and cross-sections illustrating the location and depth of all utility lines and trenches within and near the site and plume areas(s) as part of your study.

   b. Well Survey

   The preferential pathway study includes a well survey of all wells (monitoring and production wells: active, inactive, standby, decommissioned (sealed with concrete), abandoned (improperly decommissioned or lost); and dewatering, drainage, and cathodic protection wells) within a ¼-mile radius of the subject site. Please report the results of the well survey in the work plan requested below.

3. **Base Maps** – Please use an aerial photograph for your base map. Identify street names, as well as former tanks, piping and other potential sources on this map and include it in the report requested below and all future reports.

REQUEST FOR INFORMATION

ACEH's case file for the subject site contains the only the electronic reports as listed on our website (http://www.acgov.org/aceh/lop/ust.htm). You are requested to submit copies of all other reports or data related to environmental investigations, if any, for this property (including Phase 1 reports) by **June 1, 2009**.

TECHNICAL REPORT REQUEST

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

- **June 30, 2009** – Work Plan and preferential pathway evaluation

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 J. Jakub

Barbara J. Jakub, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: James Gribi, Gribi Associates, 1090 Adams Street, Suite K, Benicia, CA 94510
Donna Drogos, ACEH
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 ftp site Coordinator.
   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)

APPENDIX B

UST REMOVAL REPORT

June 4, 2008 GA Project No.: 354-01-01

Oakland Fire Department - Fire Prevention Bureau
Certified Unified Program Agency
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612

Attention: Mr. Jesse Kupers

Subject: Report of Underground Storage Tank Removal Activities
925 Stanford Avenue
Oakland, California

Ladies and Gentlemen:

On behalf of the Willbett Company, Gribi Associates is pleased to provide this letter report documenting the removal of one approximately 650-gallon above ground storage tank (AST), one approximately 1,300-gallon underground storage tank (UST) and one approximately 425-gallon UST from the from the project site located at 925 Stanford Avenue in Oakland, California (see Figure 1 and Figure 2). In addition, due to past product leaks from the USTs or associated piping, over-excavation of the UST cavity pit floors was also conducted. All tanks are believed to have contained heating oil that was apparently used in association with the boiler and furnace manufacturing facility located on the project site.

The AST removal activities were conducted during the week of March 6, 2008. The UST removal activities were conducted by Golden Gate Tank Removal (GGTR) during the week of April 21, 2008. Soil over-excavation of the UST cavities, along with backfill and resurfacing activities, occurred between May 8, 2008 and May 13, 2008.

DESCRIPTION OF UST REMOVAL ACTIVITIES

Prefield Activities

GGTR obtained a permit to remove the tanks from the Oakland Fire Department. A copy of this permit is provided as Attachment A. At least 48 hours prior to excavation activities, GGTR outlined the excavation area with white paint and Underground Service Alert was notified.

Description of Field Activities

Removal of the 650-gallon singled-walled steel AST from the rear of the property occurred during the week of March 4, 2008. Removal of an 1,300-gallon single-walled steel UST from the front of the property and removal of a 425-gallon single-walled steel from the rear of the property occurred during the week of April 21, 2008. Photographs of these activities are provided as Attachment B.

AST Removal Activities

The 650-gallon AST was removed in accordance with the following general steps.

- GGTR emptied the contents from the AST and used pressure washers to cleaned UST interiors. Solids removed from the AST (approximately 60 pounds) were taken to Siemens Water Technology Corporation facility in Vernon, California. Approximately 400 gallons of liquids, which included contents from the tank, along and generated rinsate, were taken to the Clearwater Environmental facility in Silver Springs, Nevada.

- A rinsate sample collected by GGTR from the interior of the 650-gallon AST reportedly contained Total Petroleum Hydrocarbons below 100 milligrams per liter (mg/L), allowing for the characterization of the USTs as nonhazardous and allowing for the disposal of the AST as scrap metal.

- GGTR loaded the 650-gallon AST onto a flat bed truck. The AST was transported to Circosta Iron and Metal, Inc. in San Francisco, California, for disposal.

UST Removal Activities

The two USTs were removed in accordance with the following general steps.

- GGTR excavated overburden soils to expose the 1,300-gallon and 425-gallon USTs.

- GGTR emptied the remaining contents from each UST and pressure washed the UST interiors. Approximately 700 gallons of liquids, which included contents from the USTs and generated rinseate, were taken to the Clearwater Environmental facility in Silver Springs, Nevada.

- A rinseate sample collected by GGTR from the interior of the 1,300-gallon UST and 425-gallon UST reportedly contained Total Petroleum Hydrocarbons below 100 milligrams per liter (mg/L), allowing for the characterization of the USTs as nonhazardous and allowing for the disposal of the USTs as scrap metal.

- GGTR loaded the 1,300-gallon UST and 425-gallon UST onto a flat bed truck. The two USTs were transported to Circosta Iron and Metal, Inc. in San Francisco, California, for disposal.

Disposal documents for the AST and UST contents, rinsate, and vessels are provided in Attachment C. The laboratory analytical reports for the rinseate samples are provided as Attachment D.

Over-Excavation Activities

Visual observation and preliminary soil and groundwater laboratory results showed that soil and groundwater below the two USTs were impacted with heavy-range hydrocarbons. As directed by the Oakland Fire Department inspector, the two UST excavation cavities were overexcavated as follows. Photographs of the activities are provided as Attachment B.

- GGTR dewatered excavation cavities by extracting accumulated groundwater into a vacuum truck. Approximately 1,300 gallons of groundwater was transported to the Instrat facility in Rio Vista, California for disposal.

- Approximately 3 feet of soil was excavated from the bottom of each UST cavity, where visually cleaner soils were encountered.

- Approximately 57 tons of over-excavated soil from both UST locations, along with overburden soil from the 425-gallon UST in the rear of the property, were transported to Forward Landfill in Manteca, California for disposal.

Description of Sampling Activities

Preliminary Sampling

Two soil samples, UST-A-W and UST-A-E, were collected from below the 1,300-gallon UST, one sample from below each (west and east) end of the tank at a depth of approximately 10 feet below surface, approximately 1.5 feet below the bottom of the tank.

Two soil samples, UST-B-8.0' and UST-B-10.0', were collected from below the middle of the 425-gallon UST, the first immediately below the tank at a depth of approximately 8.0 feet below surface grade, and the second from approximately 2 feet below the bottom of the tank at a depth of approximately 10.0 feet below surface grade.

Two four-point composite soil samples, SP-A and SP-B, were collected from the two soil stockpiles of overburden material associated with each of the USTs.

Sampled soils were tightly packed in brass tubes to minimize head space, and then tightly sealed with Teflon tap and end-caps. All samples were immediately labeled and placed into an ice-chilled

cooler. The samples were than transported to a state-certified laboratory under chain-of-custody protocol.

Grab groundwater samples, *UST-A* and *UST-B*, were collected from both UST cavities. Groundwater samples were collected using a clean disposable bailer and poured directly from the bailer into laboratory-supplied containers. Each sample container was then tightly sealed, labeled, and placed in cold storage for transport to the laboratory under formal chain-of-custody.

Confirmation Sampling

After completing overexcavation activities, two soil samples, UST-A-E and UST-A-W, were collected from below the 1,300-gallon UST, one sample from below each(west and east) end at a depth of approximately 11 feet below surface grade, 2.5 feet below the bottom of the tank.

After completing overexcavation activities, one soil sample was collected from below the middle of the 425-gallon UST at a depth of approximately 11 feet below surface grade, approximately 3 feet below the bottom of the tank.

Sampled soils were tightly packed in brass tubes to minimize head space, and then tightly sealed with Teflon tap and end-caps. All samples were immediately labeled and placed into an ice-chilled cooler. The samples were than transported to a state-certified laboratory under chain-of-custody protocol.

A grab groundwater sample, *UST-A-GW*, was collected from the 1,300-gallon UST overexcavation cavity. This water sample was collected using a clean disposable bailer and poured directly from the bailer into laboratory-supplied containers. Each sample container was then tightly sealed, labeled, and placed in cold storage for transport to the laboratory under formal chain-of-custody.

A grab groundwater sample was not obtained in the 425-gallon UST overexcavation cavity due to significant caving of the excavation cavity sidewall and undercutting the overlying concrete slab surface. A decision was made to proceed with backfilling rather than risk further sidewall collapse.

Laboratory Analysis of Samples

Nine soil samples and three groundwater sample were analyzed for the following parameters:

- USEPA 8015M Total Petroleum Hydrocarbons as Gasoline (TPH-G)
- USEPA 8015M Total Petroleum Hydrocarbons as Diesel (TPH-D)
- USEPA 8015M Total Petroleum Hydrocarbons as Motor Oil (TPH-MO)
- USEPA 8021B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)

All analyses were conducted by McCampbell Analytical, Inc., a California-certified analytical laboratory. Soil analytical results are summarized in Table 1and on Figure 3. Laboratory data

reports and chain-of-custody records are contained in Attachment D.

RESULTS OF SAMPLING

Preliminary Sampling

Laboratory results for the two soil samples collected approximately 1.5 feet below the 1,300 gallon UST reported no concentrations above their respective detection limits for TPH-G, BTEX, TPH-D, and TPH-M.

Laboratory results for the soil sample collected immediately below the 425-gallon UST reported 390 milligrams per kilogram (mg/kg) TPH-D, 370 mg/kg TPH-MO, and no detectable concentrations of TPH-G and BTEX constituents. Laboratory results for the soil sample collected approximately 2 feet below the 425-gallon UST reported concentrations of 11mg/kg TPH-G, 220 mg/kg TPH-D, 190 mg/kg TPH-MO, and no detectable concentrations of BTEX constituents.

Laboratory results for the grab groundwater sample collected from the 1,300-gallon UST cavity reported 11,000 micrograms per liter (ug/L) TPH-G, 430,000 ug/L TPH-D, 40,000 ug/L TPH-MO, and no detectable concentrations of BTEX constituents.

Laboratory results for the grab groundwater sample collected from the 425-gallon UST cavity reported 310 ug/L TPH-D, 370 ug/L TPH-MO, and no detectable concentrations of TPH-G and BTEX constituents.

Laboratory results for the four-point composite soil sample collected from the 1,300-gallon UST soil stockpile reported 11 mg/kg TPH-G, 34 mg/kg TPH-D, 73 mg/kg TPH-MO, and no detectable concentrations of BTEX constituents.

Laboratory results for the four-point composite soil sample collected from the 425-gallon UST soil stockpile reported 5 mg/kg TPH-G, 220 mg/kg TPH-D, 190 mg/kg TPH-MO, and no detectable concentrations of BTEX constituents.

Confirmation Sampling

Laboratory results for the two confirmation soil samples collected from each end of the 1,300 gallon UST overexcavation cavity following soil overexcavation reported no detectable concentrations of TPH-G, TPH-D, TPH-MO, and BTEX constituents.

Laboratory results for the single confirmation soil sample collected from below the middle of th 425-gallon UST cavity reported 26 milligrams per kilogram (mg/kg) TPH-D, 15 mg/kg TPH-MO, and no detectable TPH-G and BTEX, constituents.

Laboratory results for the grab groundwater sample collected from the 1,300-gallon UST

overexcavation cavity reported 160 micrograms per liter (ug/L) TPH-G, 16,000 ug/L TPH-D, 7,600 ug/L TPH-MO, and no detectable BTEX constituents.

CONCLUSIONS

One 650-gallon single-walled AST, one 1,300-gallon single-walled steel UST and one 425-gallon single-walled steel UST were removed from the subject site. All tanks are believed to have contained heating oil used in association with the boiler and furnace manufacturing facility located on the site. Following removal of the two USTs, soil and groundwater immediately below each UST showed visible evidence of hydrocarbon impacts, and the two UST excavation cavities were subsequently overexcavated and dewatered.

Overexcavated soil and along with hydrocarbon-impacted overburden soil from the 425-gallon UST, which amounted to approximately 56.6 tons of soil, were transported to the Forward Landfill in Manteca, California, for disposal.

We appreciate the opportunity to provide this report for your review. Please contact us if you have questions or require additional information.

Very truly yours,

Matthew A. Rosman
Project Engineer

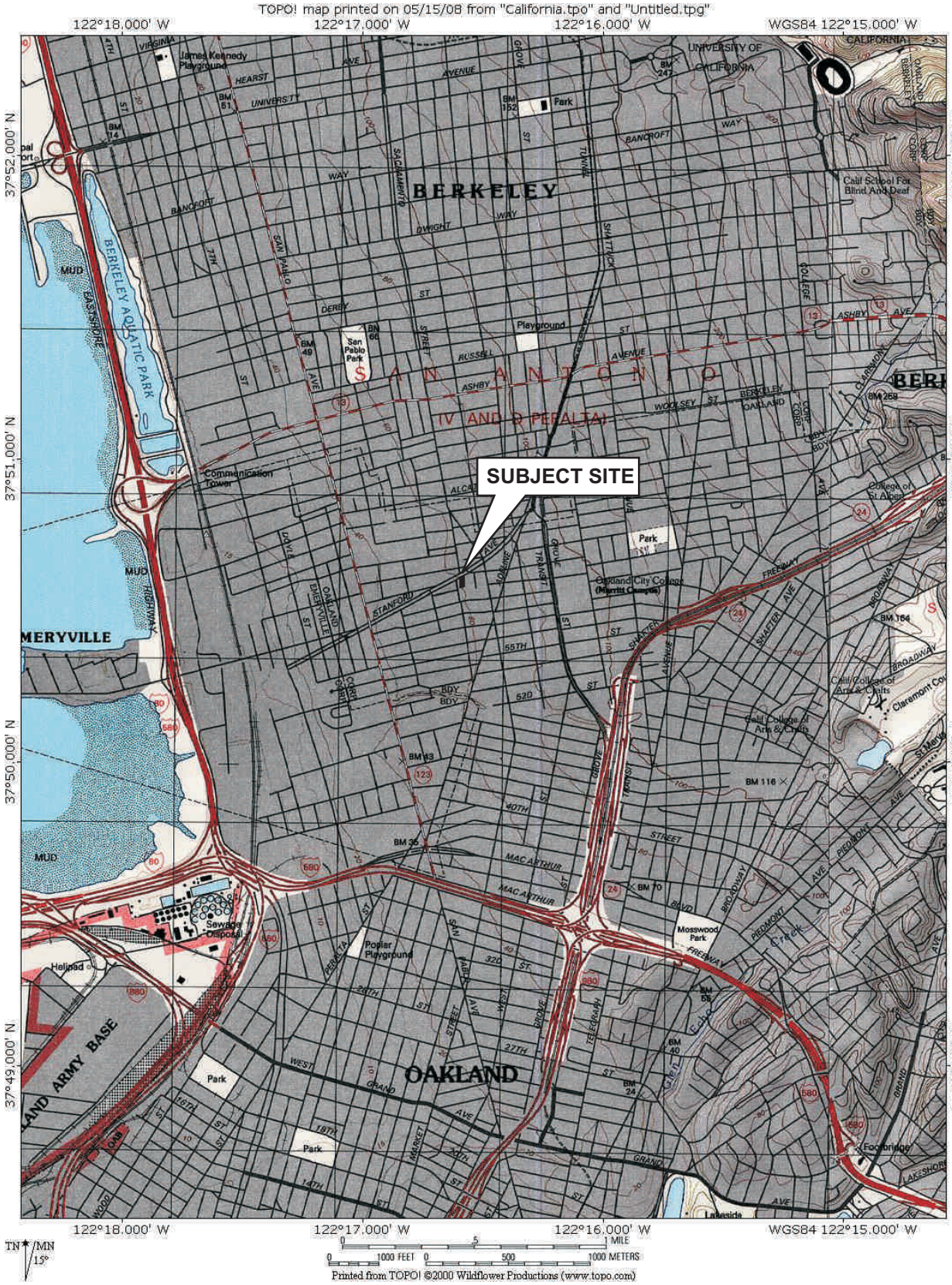
James E. Gribi
Registered Geologist
California No. 5843

MAR:JEG:ct
Enclosure

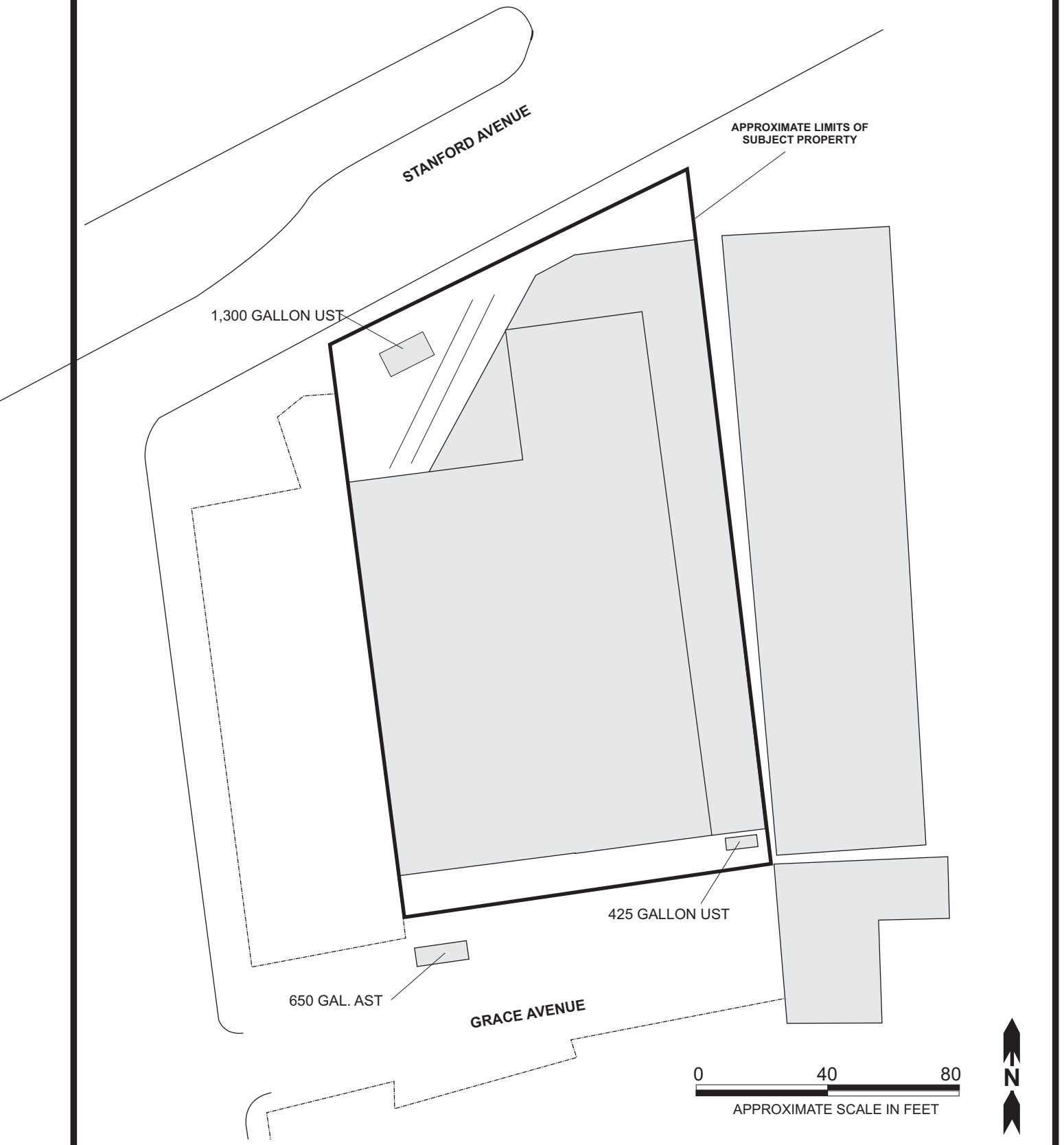
cc: Ms. Sue Rosenberg, Willbett Company

M:\Projects\Active Projects\Willbett Co_925 Stanford\UST Removal Report\Willbett_925 Stanford_UST Removal Report jeg.wpd

FIGURES



DESIGNED BY:	CHECKED BY:	**SITE VICINITY MAP**	DATE: 05/16/2008
DRAWN BY: MAR	SCALE:		FIGURE: **1**
PROJECT NO: 354-01-01		WILBETT COMPANY UST SITE 925 STANFORD AVENUE OAKLAND, CALIFORINA	GRIBI

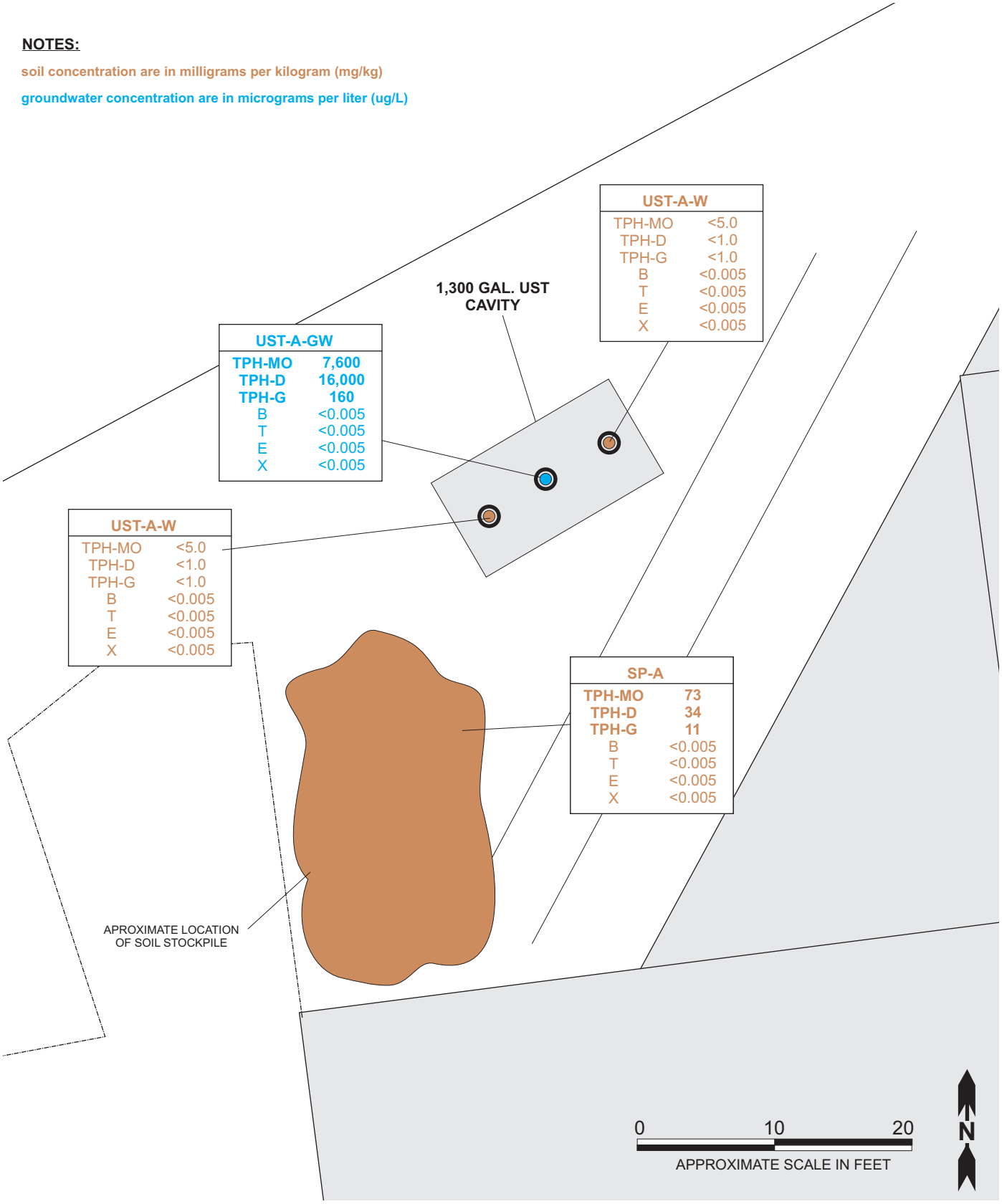


DESIGNED BY:	CHECKED BY:	**SITE PLAN**	DATE: 05/16/2008	FIGURE: **2**
DRAWN BY: MAR	SCALE:	WILBETT COMPANY UST SITE 925 STANFORD AVENUE OAKLAND, CALIFORINA	GRIBI	
PROJECT NO: 354-01-01				

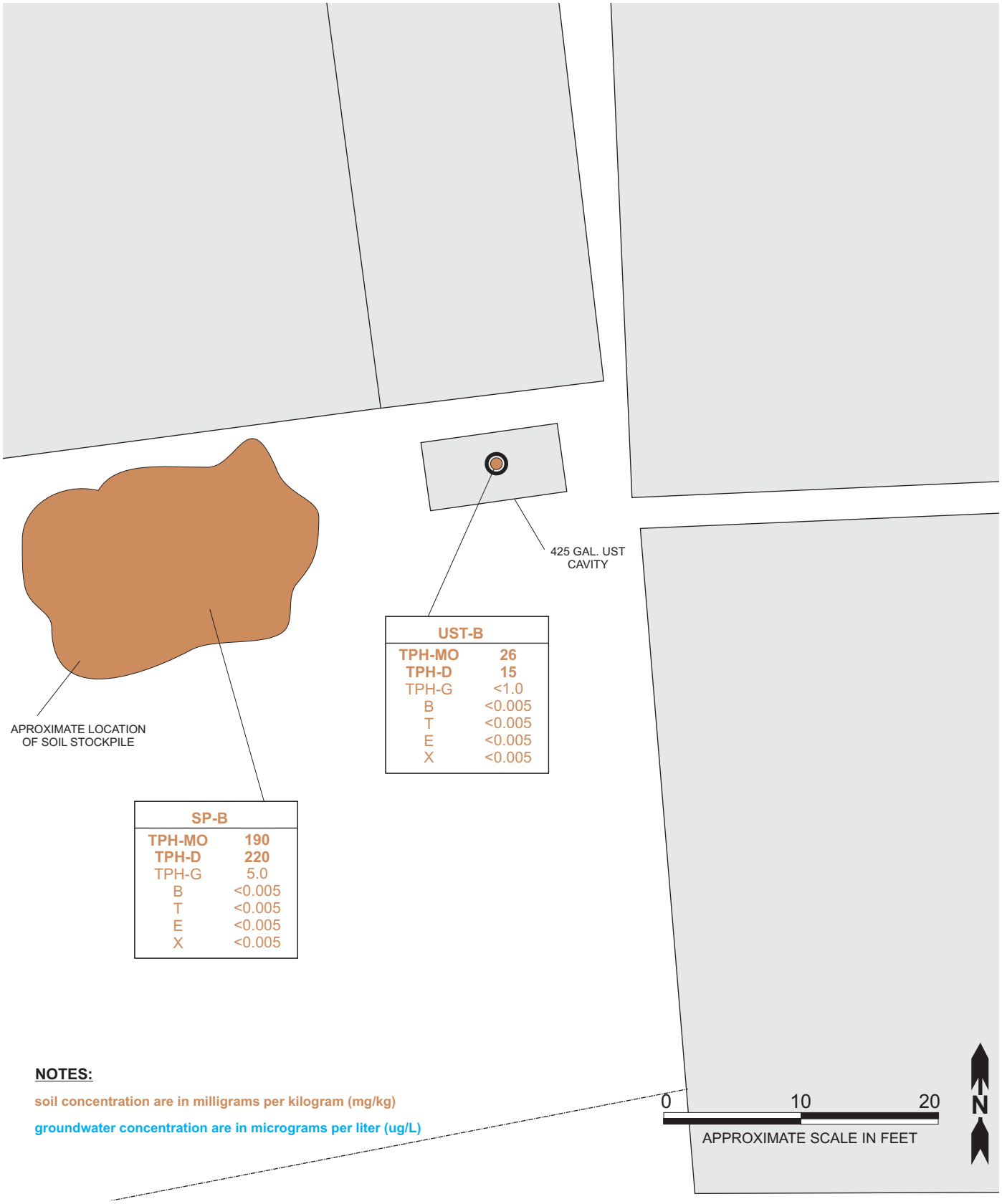
NOTES:

soil concentration are in milligrams per kilogram (mg/kg)

groundwater concentration are in micrograms per liter (ug/L)



DESIGNED BY:	CHECKED BY:	**CONFIRMATION AND STOCKPILE SAMPLING RESULTS - 1,300 GALLON UST** WILBETT COMPANY UST SITE 925 STANFORD AVENUE OAKLAND, CALIFORINA	DATE: 05/16/2008	FIGURE: **3**
DRAWN BY: MAR	SCALE:			GRIBI
PROJECT NO: 354-01-01				



NOTES:

soil concentration are in milligrams per kilogram (mg/kg)

groundwater concentration are in micrograms per liter (ug/L)

DESIGNED BY:	CHECKED BY:	**CONFIRMATION AND STOCKPILE SAMPLING RESULTS - 425 GALLON UST** WILBETT COMPANY UST SITE 925 STANFORD AVENUE OAKLAND, CALIFORINA	DATE: 05/16/2008 / FIGURE: **4**
DRAWN BY: MAR	SCALE:		
PROJECT NO: 354-01-01			

TABLE

Table 1
SUMMARY OF SOIL AND GROUNDWATER ANALYTICAL RESULTS
925 Stanford Avenue
Oakland, California

Sample ID	*Sample Matrix*	*Sample Depth*	*Concentration - Soil: milligrams per kilogram (mg/kg), Water: micrograms per liter (ug/L)*						
			TPH-MO	*TPH-D*	*TPH-G*	*B*	*T*	*E*	*X*
PRELIMINARY SAMPLING RESULTS									
UST-A-W	Soil	10.0 feet	<1.0	<5.0	<1.0	<0.005	<0.005	<0.005	<0.005
UST-A-E	Soil	10.0 feet	<1.0	<5.0	<1.0	<0.005	<0.005	<0.005	<0.005
UST-A	*Water*	- -	***140,000***	***430,000***	***11,000***	*<0.5*	*<0.5*	*<0.5*	*<0.5*
UST-B-8.0'	Soil	8.0 feet	**370**	**390**	**43**	<0.005	<0.005	**0.012**	**0.055**
UST-B-10.0'	Soil	10.0 feet	**32**	**120**	**49**	<0.05	<0.05	<0.05	<0.05
UST-B	*Water*	- -	***370***	***310***	*<50*	*<0.5*	*<0.5*	*<0.5*	*<.0.5*
SP-A	Soil	- -	**73**	**34**	**11**	<0.005	<0.005	<0.005	<0.005
SP-B	Soil	- -	**190**	**220**	**5.0**	<0.005	<0.005	<0.005	<0.005
CONFIRMATION SAMPLING RESULTS									
UST-A-E	Soil	11.0 feet	<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005
UST-A-W	Soil	11.0 feet	<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005
UST-A-GW	*Water*	- -	***7,600***	***16,000***	***160***	*<0.5*	*<0.5*	*<0.5*	*<0.5*
UST-B	Soil	11.0 feet	**15**	**26**	<1.0	<0.005	<0.005	<0.005	<0.005
ESL-soil,, non-drinking water, Res			**410**	**100**	**100**	**0.12**	**29**	**33**	**31**
ESL-soil, non-drinking water, C&I			**2,500**	**150**	**450**	**0.26**	**29**	**33**	**100**
ESL-GW, non-drinking water			**2,500**	**2,500**	**5,000**	**540**	**400**	**300**	**5,300**

Table Notes:

TPH-MO = total petroleum hydrocarbons as motor oil
TPH -D = total petroleum hydrocarbons as diesel
TPH-G = total petroleum hydrocarbons as gasoline
B = benzene
T = toluene
E = ethylbenzene
X = xylenes

<0.050 = Not detected above the expressed value.
ESL = Environmental Screening Level, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, Interim Final, November 2007.
Res = Residential land use
CI = Commercial/Industrial land use

ATTACHMENT A

UST REMOVAL PERMIT

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation.

Appl# X0800297 Job Site 925 STANFORD AV Parcel#

Descr removal of underground storage tank Permit Issued 02/15/08

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #:

		Applcnt	Phone#	Lic#	--License Classes--
Owner					
Contractor	GOLDEN GATE TANK REMOVAL	X	(415)512-1555	616521 A	C8
Arch/Engr					
Agent					

Applic Addr 255 SHIPLEY ST, SAN FRANCISCO, CA, 94107

$416.55 TOTAL FEES PAID AT ISSUANCE

$63.00	Applic	$300.00	Permit
$.00	Process	$34.49	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other	$19.06	Tech Enh

ADDRESS:

DIST:

JOB SITE

PAID
2/15/08

ATTACHMENT B

SITE PHOTOGRAPHS

Photo 1. Preparing to remove 1,300 gallon UST.

Photo 2. Placing 1,300 gallon UST onto flatbed truck.

Photo 3. Removing 425 gallon UST.

Photo 4. Dewatering UST cavity prior to over-excavation.

GRIBI

Photo 5. Over-excavation of 1,300 gallon UST cavity.

Photo 6. Over-excavtion of 425 gallon UST cavity.

Photo 7. Resurface of former 1,300 gallon UST location.

Photo 8. Resurface of former 425 gallon UST location. .

ATTACHMENT C

WASTE DISPOSAL DOCUMENTS AND TRUCKING MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002626562 | 2. Page 1 of 1 | 3. Emergency Response Phone: (510)476-1740 | 4. Manifest Tracking Number: 002995938 JJK

GENERATOR

5. Generator's Name and Mailing Address: WILLBETT CO, 109 HARTFORD ROAD, DANVILLE, CA 945262216
Generator's Site Address (if different than mailing address): 925 STANFORD AVE, OAKLAND, CA 946082319
Generator's Phone: 925 788-4051

6. Transporter 1 Company Name: UNI WASTE — U.S. EPA ID Number: CAL000317320

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: CLEARWATER ENVIRONMENTAL, 2430 ALMOND DRIVE, SILVER SPRINGS, NV 89429 — U.S. EPA ID Number: NVD982358483
Facility's Phone: (775)577-5111

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. (OIL & WATER) NON RCRA HAZARDOUS WASTE LIQUID	001	TT	750	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR PPE, ERG # 171 GOLDEN GATE TANK REMOVAL JOB # 8971
INV# 174028

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ARTURO MIRANDA — Signature — Month 04 Day 23 Year 08

TRANSPORTER INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: — Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MIKE STONE — Signature — Month 04 Day 23 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA 002626562 | 2. Page 1 of 1 | 3. Emergency Response Phone: (510)476-1740 | 4. Manifest Tracking Number: 002995407 JJK

GENERATOR

5. Generator's Name and Mailing Address: Wilbett Co Inc, 109 Hartford Rd Danville CA 94526
Generator's Site Address (if different than mailing address): 925 Stanford Oakland
Generator's Phone: (925) 838-2408

6. Transporter 1 Company Name: UNI WASTE — U.S. EPA ID Number: CAL000317320

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: SIEMENS WATER TECHNOLOGIES CORP, 5375 SOUTH BOYLE AVENUE, VERNON, CA 90058 — U.S. EPA ID Number: CAD097030993
Facility's Phone: (800)266-7747

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. (OILY DEBRIS) NON RCRA HAZARDOUS WASTE, SOLID	001	DM	60	P	352
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR PPE, ERG # 171

16. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Helen Meneses — Signature — Month 03 Day 05 Year 08

TRANSPORTER INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: — Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William Clark — Signature — Month 03 Day 05 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002626562
2. Page 1 of: 1
3. Emergency Response Phone: (510)476-1740
4. Manifest Tracking Number: 002995599 JJK

GENERATOR

5. Generator's Name and Mailing Address: WILLBETT CO, 109HARTFORD ROAD, DANVILLE, CA 945262216
Generator's Site Address (if different than mailing address): 925 STANFORD AVE, OAKLAND, CA 946082319
Generator's Phone:

6. Transporter 1 Company Name: 925 786-4061 UNI WASTE — U.S. EPA ID Number: CAT000317320

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CLEARWATER ENVIRONMENTAL, 2430 ALMOND DRIVE, SILVER SPRINGS, NV 89429
Facility's Phone: (775)577-9001 — U.S. EPA ID Number: NVD982358483

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. (OIL & WATER) NON RCRA HAZARDOUS WASTE LIQUID	001	TT	4500	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
WEAR PPE, ERG # 171 GOLDEN GATE TANK REMOVAL JOB #8971
INV. # 173659

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ERNESTO MIRANDA — Signature — Month 03 Day 04 Year 08

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MIKE STONE — Signature — Month 03 Day 04 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002626562
2. Page 1 of
3. Emergency Response Phone: (510)476-1740
4. Manifest Tracking Number: 002995598 JJK

GENERATOR

5. Generator's Name and Mailing Address: WILLBETT CO, 109HARTFORD ROAD, DANVILLE, CA 945262216
Generator's Site Address (if different than mailing address): 925 STANFORD AVE, OAKLAND, CA 946082319
Generator's Phone:

6. Transporter 1 Company Name: 925 786-4061 UNI WASTE — U.S. EPA ID Number: CAT000317320

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: CLEARWATER ENVIRONMENTAL, 2430 ALMOND DRIVE, SILVER SPRINGS, NV 89429
Facility's Phone: (775)577-9001 — U.S. EPA ID Number: NVD982358483

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. (OIL & WATER) NON RCRA HAZARDOUS WASTE LIQUID	001	TT	4500	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
WEAR PPE ERG # 171 GOLDEN GATE TANK REMOVAL JOB # 8971

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month 03 Day 04 Year 08

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 03 Day 04 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

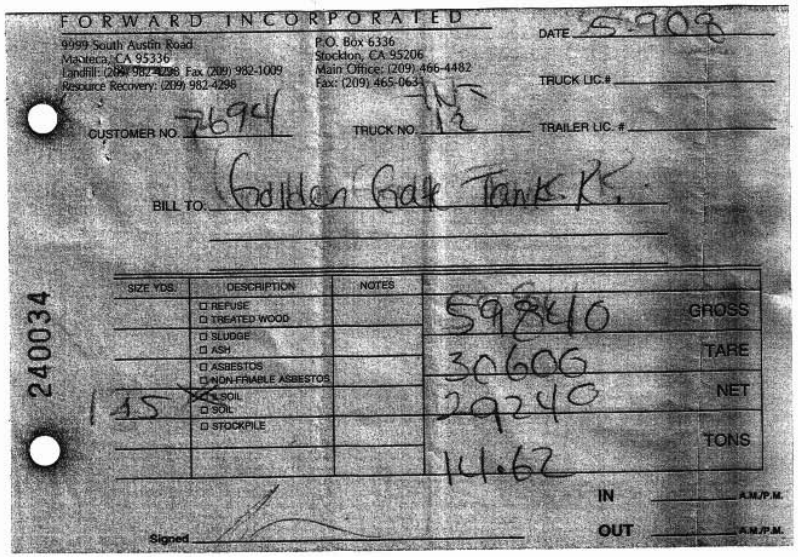
1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY



FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: (209) 982-4298 Fax (209) 982-1009
Resource Recovery: (209) 982-4296

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0633

DATE 5-9-08

TRUCK LIC.#

CUSTOMER NO. 2694

TRUCK NO. INT 12

TRAILER LIC. #

BILL TO: Golden Gate Tank K.K.

240034

SIZE YDS.	DESCRIPTION	NOTES		
	☐ REFUSE ☐ TREATED WOOD		59840	GROSS
	☐ SLUDGE ☐ ASH		30600	TARE
	☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		29240	NET
15	☒ SOIL ☐ SOIL		14.62	TONS
	☐ STOCKPILE			

IN A.M./P.M.

OUT A.M./P.M.

Signed

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR WILBETT COMPANY INC. C/O MS. SUE ROSENBERG

MAILING ADDRESS 109 HARTFORD RD

CITY, STATE, ZIP DANVILLE, CA 94526

PHONE 925-838-2408

CONTACT PERSON MATTHEW ROSMAN 7077188613

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☒ OTHER SOIL
☐ SPECIAL WASTE

GENERATING FACILITY 925 STANFORD AVE, OAKLAND

WASTE ACCEPTANCE NO. 7694 -

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER TNT Services

ADDRESS 729 Bartlett Ave

CITY, STATE, ZIP Hayward CA 94541

PHONE 510 785-3097

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

* 5-9-08

NOTES: | VEHICLE LICENSE NUMBER 9B85350 | TRUCK NUMBER 12

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 109322

FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: (209) 982-4298 Fax (209) 982-1009
Resource Recovery: (209) 982-4298

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

DATE 5-9-08

CUSTOMER NO. 7694 TRUCK NO. 326 TRAILER LIC. # TRUCK LIC.# R01A

BILL TO: Golden Gate Tank R.

240037

SIZE / YDS.	DESCRIPTION	NOTES	
	☐ REFUSE ☐ TREATED WOOD		62720 GROSS
	☐ SLUDGE ☐ ASH		31260 TARE
	☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		31460 NET
16	☒ SOIL ☐ STOCKPILE		15.73 TONS

IN _____ A.M./P.M.

Signed Mata

OUT _____ A.M./P.M.

☐ Keller Canyon Sanitary Landfill
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ Coffin Butte Landfill
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ Ox Mountain Sanitary Landfill
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ Newby Island Sanitary Landfill
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ Forward Landfill
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR WILLBETT COMPANY INC. C/O Ms. Sue Rosenberg
MAILING ADDRESS 109 HARTFORD RD
CITY, STATE, ZIP DANVILLE, CA 94526
PHONE 925-838-2408
CONTACT PERSON MATHEW ROSMAN (707) 718-86[illegible]
SIGNATURE OF AUTHORIZED AGENT / TITLE
DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☒ OTHER SOIL
☐ SPECIAL WASTE

GENERATING FACILITY 925 STANFORD AVE; (OAKLAND)

WASTE ACCEPTANCE NO. 7694 -

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER WILLBETT
ADDRESS STANFORD / POWELL
CITY, STATE, ZIP OAKLAND CA
PHONE
SIGNATURE OF AUTHORIZED AGENT OR DRIVER
DATE
* Mata 5-9-08

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9A30013	326

☒ END DUMP ☐ BOTTOM DUMP ☐ TRANSFER
☐ ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS
FACILITY TICKET NUMBER
SIGNATURE OF AUTHORIZED AGENT
DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 109323

FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: (209) 982-4298 Fax (209) 982-1009
Resource Recovery: (209) 982-4298

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

DATE 05/9/18

CUSTOMER NO. 7694 TRUCK NO. Golden 501 TRUCK LIC.# TRAILER LIC. #

BILL TO: Golden Gate Tank Removal

240039

SIZE YDS.	DESCRIPTION	NOTES	
	☐ REFUSE ☐ TREATED WOOD		40780 GROSS
	☐ SLUDGE ☐ ASH		21100 TARE
	☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		19680 NET
10	☒ SOIL ☐ SOIL		9.84 TONS
	☐ STOCKPILE		

IN A.M./P.M.

Signed Julian Maldonado OUT A.M./P.M.

Sanitary Landfill
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

Landfill
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Wilbert Company Inc. C/O Ms. Sue Rosenberg
MAILING ADDRESS 109 Hartford Rd.
CITY, STATE, ZIP Danville, Ca. 94526
PHONE 925-838-2408
CONTACT PERSON Matthew Rosman @ 707-718-8613
SIGNATURE OF AUTHORIZED AGENT / TITLE * Julian Maldonado DATE

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☒ OTHER Soil
☐ SPECIAL WASTE

GENERATING FACILITY 925 Stanford Ave, Oakland

WASTE ACCEPTANCE NO. 7694 –

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER G.G.T.R
ADDRESS 3730 Mission St.
CITY, STATE, ZIP S.F., Ca. 94110
PHONE (415) 512-1555
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * Julian Maldonado DATE 05/9/18

NOTES: VEHICLE LICENSE NUMBER 5J29490 TRUCK NUMBER 501

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT * DATE

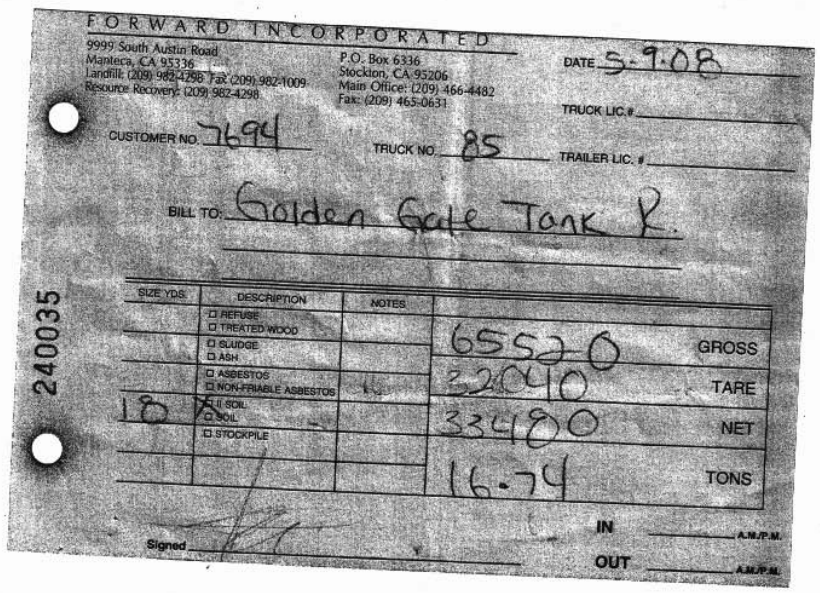
CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 109321



FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: (209) 982-4298 Fax (209) 982-1009
Resource Recovery: (209) 982-4298

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

DATE 5-9-08

CUSTOMER NO. 7694 TRUCK NO. 85 TRUCK LIC.# TRAILER LIC. #

BILL TO: Golden Gate Tank R.

240035

SIZE YDS.	DESCRIPTION	NOTES	
	☐ REFUSE ☐ TREATED WOOD ☐ SLUDGE ☐ ASH ☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		65520 GROSS
			32040 TARE
18	☒ SOIL ☐ SOIL ☐ STOCKPILE		33480 NET
			16.74 TONS

Signed

IN A.M./P.M.

OUT A.M./P.M.

☐ Keller Canyon Sanitary Landfill
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ Coffin Butte Landfill
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ Ox Mountain Sanitary Landfill
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ Newby Island Sanitary Landfill
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ Forward Landfill
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR WILLBETT COMPANY INC. c/o MS. Sue Rosenberg

MAILING ADDRESS 109 HARTFORD RD

CITY, STATE, ZIP DANVILLE, CA. 94526

PHONE (925) 838-2408

CONTACT PERSON MATTHEW ROSMAN (707) 718-86[illegible]

SIGNATURE OF AUTHORIZED AGENT / TITLE * | DATE

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☒ OTHER SOIL
☐ SPECIAL WASTE

GENERATING FACILITY 925 STANFORD AVE. OAKLAND

WASTE ACCEPTANCE NO. 7694 –

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER * | DATE 5-9-08

NOTES: | VEHICLE LICENSE NUMBER 9B91432 | TRUCK NUMBER F85

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT * Mary L | DATE 5/9/08

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 109321

ATTACHMENT D

LABORATORY DATA REPORT AND
CHAIN OF CUSTODY RECORD

ATTACHMENT D

LABORATORY DATA REPORT AND
CHAIN OF CUSTODY RECORD

McCampbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates 1090 Adams St., Suite K Benicia, CA 94510	Client Project ID: 925 Stanford	Date Sampled: 04/24/08 Date Received: 04/24/08
	Client Contact: Matt Rosman	Date Reported: 04/25/08
	Client P.O.:	Date Completed: 04/25/08

WorkOrder: 0804609

April 25, 2008

Dear Matt:

Enclosed within are:

1) The results of the 5 analyzed samples from your project: **925 Stanford,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

0804609

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☒ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

RUSH

GeoTracker EDF ☐ PDF ☒ Excel ☐ Write On (DW) ☐

Report To: Matthew Rosman Bill To:
Company: Gribi Associates
1090 Adams St, #K
Benicia CA 94510 E-Mail:
Tele: (707) 748-7743 Fax: (707) 748-7763
Project #: Project Name: 925 Stanford
Project Location: Oakland, CA
Sampler Signature:

Analysis Request: MTBE / BTEX & TPH as Gas (602 / 8021 + 8015); MTBE / BTEX ONLY (EPA 602 / 8021); TPH as Diesel / Motor Oil (8015); Total Petroleum Oil & Grease (1664 / 5520 E/B&F); Total Petroleum Hydrocarbons (418.1); EPA 502.2 / 601 / 8010 / 8021 (HVOCs); EPA 505/ 608 / 8081 (Cl Pesticides); EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners; EPA 507 / 8141 (NP Pesticides); EPA 515 / 8151 (Acidic Cl Herbicides); EPA 524.2 / 624 / 8260 (VOCs); EPA 525.2 / 625 / 8270 (SVOCs); EPA 8270 SIM / 8310 (PAHs / PNAs); CAM 17 Metals (200.7 / 200.8 / 6010 / 6020); LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020); Lead (200.7 / 200.8 / 6010 / 6020); Other

Comments: Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	ICE	HCL	HNO_3	Other	MTBE / BTEX & TPH as Gas	MTBE / BTEX ONLY	TPH as Diesel / Motor Oil	Comments
UST-A-W		4/24	1125	1			X				X				X		X	
UST-A-E		4/24	1130	1			X				X				X		X	
UST-B-8.0'		4/24	1155	1			X				X				X		X	
UST-B-10.0'		4/24	1210	1			X				X				X		X	HOLD
SP-A *		4/24	1240	4			X				X				X		X	
SP-B *		4/24	1250	4			X				X				X		X	

Relinquished By:	Date:	Time:	Received By:
[signature]	4/25/08	1635	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 15.2
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION VOAS O&G METALS pH<2 OTHER

COMMENTS: * 4-pt. Composite - Results by Friday (4/25) afternoon - Forward results to J.ALEXANDER@GIGTR.Com

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0804609 **ClientCode: GRIB**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Matt Rosman
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510

Email: mrosman@gribiassociates.com
TEL: (707) 748-7743 FAX: (707) 748-7763
PO:
ProjectNo: 925 Stanford

Bill to:
Terry Ferrell
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
tferrell@gribiassociates.com

Requested TAT: 1 day

Date Received: **04/24/2008**
Date Printed: **04/24/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0804609-001	UST-A-W	Soil	4/24/2008 11:25	☐	A	A										
0804609-002	UST-A-E	Soil	4/24/2008 11:30	☐	A	A										
0804609-003	UST-B-8.0'	Soil	4/24/2008 11:55	☐	A	A										
0804609-005	SP-A	Soil	4/24/2008 12:40	☐	A	A										
0804609-006	SP-B	Soil	4/24/2008 12:50	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: 24hr Rush, also cc: j.alexander@ggtr.com

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Gribi Associates** Date and Time Received: **04/24/08 4:46:18 PM**
Project Name: **925 Stanford** Checklist completed and reviewed by: Maria Venegas
WorkOrder N°: **0804609** Matrix Soil Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sample's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐ NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐
Samples in proper containers/bottles?	Yes ☑	No ☐
Sample containers intact?	Yes ☑	No ☐
Sufficient sample volume for indicated test?	Yes ☑	No ☐

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 15.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:
Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 04/24/08
1090 Adams St., Suite K		Date Received: 04/24/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 04/24/08
	Client P.O.:	Date Analyzed 04/24/08-04/25/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0804609

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	UST-A-W	S	ND	ND	ND	ND	ND	ND	1	97
002A	UST-A-E	S	ND	ND	ND	ND	ND	ND	1	102
003A	UST-B-8.0'	S	43,g,m	ND	ND	ND	0.012	0.055	1	85
005A	SP-A	S	11,g	ND	ND	ND	ND	ND	1	92
006A	SP-B	S	5.0,g	ND	ND	ND	ND	ND	1	99
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 04/24/08
1090 Adams St., Suite K		Date Received: 04/24/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 04/24/08
	Client P.O.:	Date Analyzed: 04/24/08-04/25/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0804609

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0804609-001A	UST-A-W	S	ND	ND	1	116
0804609-002A	UST-A-E	S	ND	ND	1	115
0804609-003A	UST-B-8.0'	S	390,b/m	370	5	107
0804609-005A	SP-A	S	34,g,b	73	5	107
0804609-006A	SP-B	S	220,b,g	190	5	111
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L		
	S	1.0	5.0	mg/Kg		

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to matrix interference; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) mineral oil; p) see attached narrative.

DHS ELAP Certification N° 1644 Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0804609

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 35149 Spiked Sample ID: 0804527-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	100	98.2	2.26	110	110	0	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.8	91.4	0.614	95.6	115	18.6	70 - 130	20	70 - 130	20
Benzene	ND	0.10	81	82.6	1.89	102	100	1.93	70 - 130	20	70 - 130	20
Toluene	0.012	0.10	88.9	90.5	1.59	118	115	2.20	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.8	97.2	1.44	112	108	4.28	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	105	1.24	122	116	5.08	70 - 130	20	70 - 130	20
%SS:	89	0.10	86	88	2.22	102	99	3.30	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35149 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804609-001A	04/24/08 11:25 AM	04/24/08	04/24/08 8:59 PM	0804609-002A	04/24/08 11:30 AM	04/24/08	04/24/08 9:30 PM
0804609-003A	04/24/08 11:55 AM	04/24/08	04/24/08 10:01 PM	0804609-005A	04/24/08 12:40 PM	04/24/08	04/25/08 12:05 AM
0804609-006A	04/24/08 12:50 PM	04/24/08	04/25/08 12:36 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0804609

EPA Method SW8015C Extraction SW3550C BatchID: 35187 Spiked Sample ID: 0804596-009A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	4.5	20	92	95.1	2.68	129	127	1.11	70 - 130	30	70 - 130	30
%SS:	101	50	102	104	2.49	117	116	1.07	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35187 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804609-001A	04/24/08 11:25 AM	04/24/08	04/24/08 9:55 PM	0804609-002A	04/24/08 11:30 AM	04/24/08	04/24/08 11:04 PM
0804609-003A	04/24/08 11:55 AM	04/24/08	04/25/08 12:15 AM	0804609-005A	04/24/08 12:40 PM	04/24/08	04/25/08 1:25 AM
0804609-006A	04/24/08 12:50 PM	04/24/08	04/25/08 3:42 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644 QA/QC Officer

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"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates 1090 Adams St., Suite K Benicia, CA 94510	Client Project ID: 925 Stanford	Date Sampled:	04/24/08
		Date Received:	04/24/08
	Client Contact: Matt Rosman	Date Reported:	04/29/08
	Client P.O.:	Date Completed:	04/29/08

WorkOrder: 0804609

April 29, 2008

Dear Matt:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **925 Stanford,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

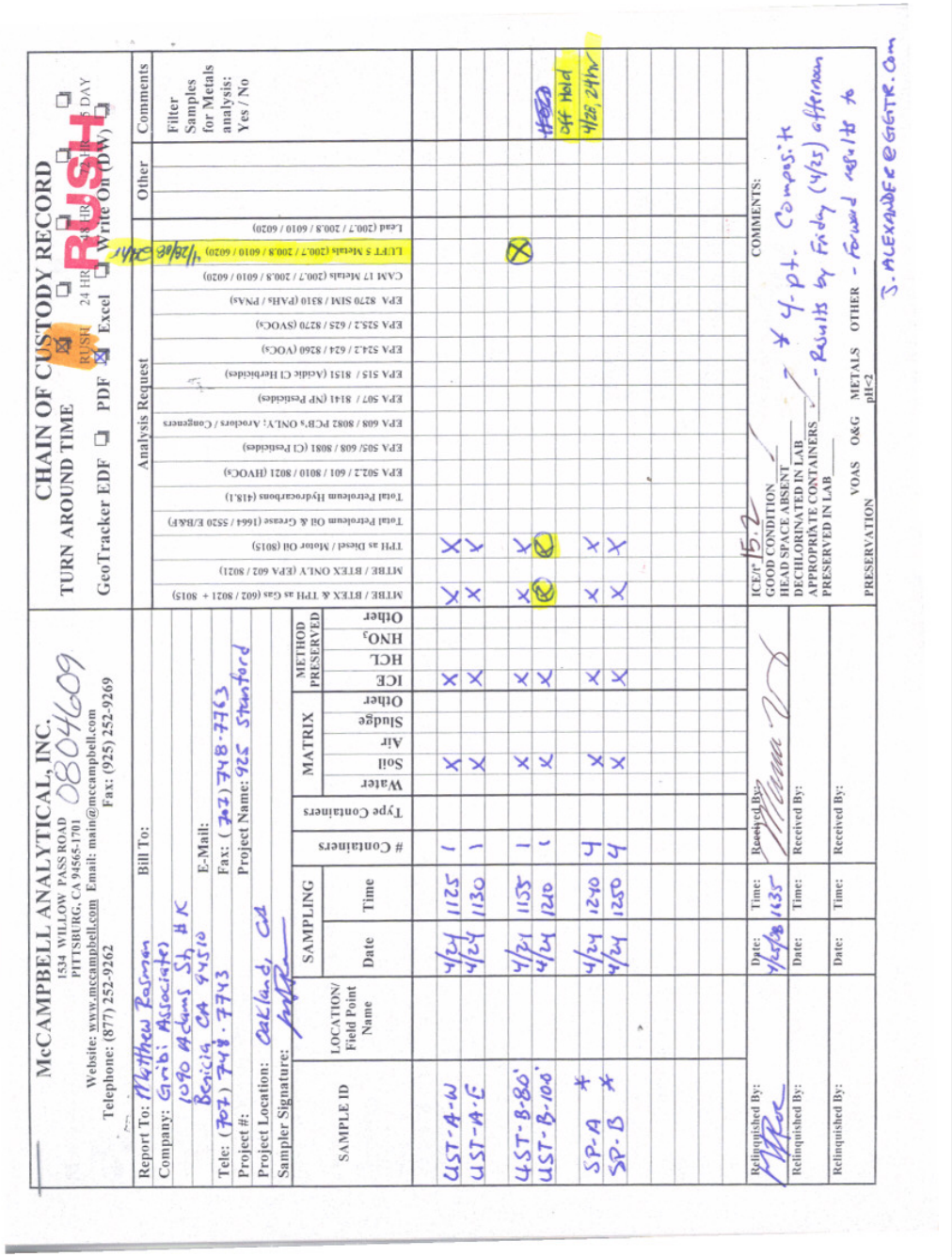
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.



McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 080460 A **ClientCode: GRIB**

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Report to:
Matt Rosman
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510

Email: mrosman@gribiassociates.com
TEL: (707) 748-7743 FAX: (707) 748-7763
PO:
ProjectNo: 925 Stanford

Bill to:
Terry Ferrell
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
tferrell@gribiassociates.com

Requested TAT: 1 day
Date Received: **04/24/2008**
Date Add-On: **04/28/2008**
Date Printed: **04/29/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0804609-003	UST-B-8.0'	Soil	4/24/2008 11:55	☐	A											
0804609-004	UST-B-10.0'	Soil	4/24/2008 12:10	☐		A	A									

Test Legend:

1	6010C	2	SW8015C	3	SW8021B/8015Cm	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: 24hr Rush, also cc: j.alexander@ggtr.com, 004 off hold 4/28/08 and added on 24hr Rush. 003 added for Luft Metals 4/28/08 24hr

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510

Client Project ID: 925 Stanford
Client Contact: Matt Rosman
Client P.O.:

Date Sampled: 04/24/08
Date Received: 04/24/08
Date Extracted: 04/28/08
Date Analyzed 04/28/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0804609

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
004A	UST-B-10.0'	S	49.g	ND<0.50	ND<0.050	ND<0.050	ND<0.050	ND<0.050	10	97
	Reporting Limit for DF =1; ND means not detected at or above the reporting limit	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg
		W	NA	NA	NA	NA	NA	NA	1	ug/L

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas), m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 04/24/08
1090 Adams St., Suite K		Date Received: 04/24/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 04/28/08
	Client P.O.:	Date Analyzed: 04/29/08

LUFT 5 Metals*

Extraction method SW3050B | Analytical methods 6010C | Work Order: 0804609

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS
003A	UST-B-8.0'	S	TOTAL	2.2	60	120	56	290	1	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	
	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 04/24/08
1090 Adams St., Suite K		Date Received: 04/24/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 04/28/08
	Client P.O.:	Date Analyzed: 04/28/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550C | Analytical methods: SW8015C | Work Order: 0804609

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0804609-004A	UST-B-10.0'	S	120,c	32	1	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L		
	S	1.0	5.0	mg/Kg		

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to matrix interference; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) mineral oil; p) see attached narrative.

DHS ELAP Certification N° 1644 Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0804609

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 35149 Spiked Sample ID: 0804527-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	100	98.2	2.26	110	110	0	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.8	91.4	0.614	95.6	115	18.6	70 - 130	20	70 - 130	20
Benzene	ND	0.10	81	82.6	1.89	102	100	1.93	70 - 130	20	70 - 130	20
Toluene	0.012	0.10	88.9	90.5	1.59	118	115	2.20	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.8	97.2	1.44	112	108	4.28	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	105	1.24	122	116	5.08	70 - 130	20	70 - 130	20
%SS:	89	0.10	86	88	2.22	102	99	3.30	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 35149 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804609-001A	04/24/08 11:25 AM	04/24/08	04/24/08 8:59 PM	0804609-002A	04/24/08 11:30 AM	04/24/08	04/24/08 9:30 PM
0804609-003A	04/24/08 11:55 AM	04/24/08	04/24/08 10:01 PM	0804609-004A	04/24/08 12:10 PM	04/28/08	04/28/08 10:44 AM
0804609-005A	04/24/08 12:40 PM	04/24/08	04/25/08 12:05 AM	0804609-006A	04/24/08 12:50 PM	04/24/08	04/25/08 12:36 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0804609

EPA Method 6010C Extraction SW3050B BatchID: 35231 Spiked Sample ID 0804609-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	2.2	50	99.8	96.6	3.12	10	115	109	4.62	75 - 125	20	80 - 120	20
Chromium	60	50	99.4	99.6	0.0684	10	114	110	3.26	75 - 125	20	80 - 120	20
Lead	120	50	NR	NR	NR	10	F2	F2	10.3	75 - 125	20	80 - 120	20
Nickel	56	50	101	98	1.42	10	116	109	5.75	75 - 125	20	80 - 120	20
Zinc	290	500	116	99.5	10.1	100	F2	115	12.6	75 - 125	20	80 - 120	20
%SS:	109	250	105	104	0.382	250	111	103	7.66	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F2 = LCS / LCSD exceed acceptance criteria or MBLK was greater than RL. PREP BATCH QC FAIL.

BATCH 35231 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804609-003A	04/24/08 11:55 AM	04/28/08	04/29/08 9:41 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0804609

EPA Method SW8015C	Extraction SW3550C				BatchID: 35187			Spiked Sample ID: 0804596-009A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	4.5	20	92	95.1	2.68	129	127	1.11	70 - 130	30	70 - 130	30
%SS:	101	50	102	104	2.49	117	116	1.07	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35187 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804609-001A	04/24/08 11:25 AM	04/24/08	04/24/08 9:55 PM	0804609-002A	04/24/08 11:30 AM	04/24/08	04/24/08 11:04 PM
0804609-003A	04/24/08 11:55 AM	04/24/08	04/25/08 12:15 AM	0804609-004A	04/24/08 12:10 PM	04/28/08	04/28/08 8:09 PM
0804609-005A	04/24/08 12:40 PM	04/24/08	04/25/08 1:25 AM	0804609-006A	04/24/08 12:50 PM	04/24/08	04/25/08 3:42 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

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Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 04/24/08
1090 Adams St., Suite K		Date Received: 04/24/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Reported: 04/29/08
	Client P.O.:	Date Completed: 05/02/08

WorkOrder: 0804609

May 02, 2008

Dear Matt:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **925 Stanford,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD 0804609
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☒ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☒ Excel ☐ Write On (DW) ☐

RUSH 24hr

Report To: Matthew Rasman Bill To:
Company: Gribi Associates
1090 Adams St, # K
Benicia, CA 94510 E-Mail:
Tele: (707) 748-7743 Fax: (707) 748-7763
Project #: Project Name: 925 Stanford
Project Location: Oakland, CA
Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / Motor Oil (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020) 4/28/08	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
																															STLC Pb, Cr 4/30/08 24hr	Filter Samples for Metals analysis: Yes / No
UST-A-W		4/24	1125	1			X				X				X		X															
UST-A-E		4/24	1130	1			X				X				X		X															
UST-B-8.0'		4/24	1155	1			X				X				X		X												X		X	
UST-B-10.0'		4/24	1210	1			X				X				R		R															HOLD Off Hold 4/28, 24hr
SP-A *		4/24	1240	4			X				X				X		X															
SP-B *		4/24	1250	4			X				X				X		X															

Relinquished By:	Date:	Time:	Received By:
	4/25/08	1635	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 15.2
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:
* 4-pt. Composite
- Results by Friday (4/25) afternoon
- Forward results to J.ALEXANDER@GGTR.com

McCampbell Analytical, Inc.

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 080460 B **ClientCode: GRIB**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Matt Rosman
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
Email: mrosman@gribiassociates.com
TEL: (707) 748-7743 FAX: (707) 748-7763
PO:
ProjectNo: 925 Stanford

Bill to:
Terry Ferrell
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
tferrell@gribiassociates.com

Requested TAT: 1 day
Date Received: 04/24/2008
Date Add-On: 04/30/2008
Date Printed: 04/30/2008

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0804609-003	UST-B-8.0'	Soil	4/24/2008 11:55	☐	A											

Test Legend:

1	STLC_PBCR_Soil	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: 24hr Rush, also cc: j.alexander@ggtr.com, 004 off hold 4/28/08 and added on 24hr Rush. 003 added for Luft Metals 4/28/08 24hr. STLC Cr,Pb added 4/30/08 24hr

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 04/24/08
1090 Adams St., Suite K		Date Received: 04/24/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 04/30/08-05/02/08
	Client P.O.:	Date Analyzed: 05/02/08

Lead & Chromium*

Extraction method CA Title 22 Analytical methods SW6010C Work Order: 0804609

Lab ID	Client ID	Matrix	Extraction Type	Chromium	Lead	DF	% SS
003A	UST-B-8.0'	S	WET	0.83	4.8	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA
	S	WET	0.05	0.2	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0804609

EPA Method SW6010C	Extraction CA Title 22	BatchID: 35239	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chromium	N/A	1	N/A	N/A	N/A	93.1	92.1	1.09	N/A	N/A	80 - 120	20
Lead	N/A	1	N/A	N/A	N/A	90.8	90.1	0.763	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 35239 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804609-003A	04/24/08 11:55 AM	04/30/08	05/02/08 10:57 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

Gribi Associates 1090 Adams St., Suite K Benicia, CA 94510	Client Project ID: Stanford	Date Sampled: 04/25/08
		Date Received: 04/25/08
	Client Contact: Aaron Garcia	Date Reported: 04/28/08
	Client P.O.:	Date Completed: 04/28/08

WorkOrder: 0804639

April 28, 2008

Dear Aaron:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **Stanford,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

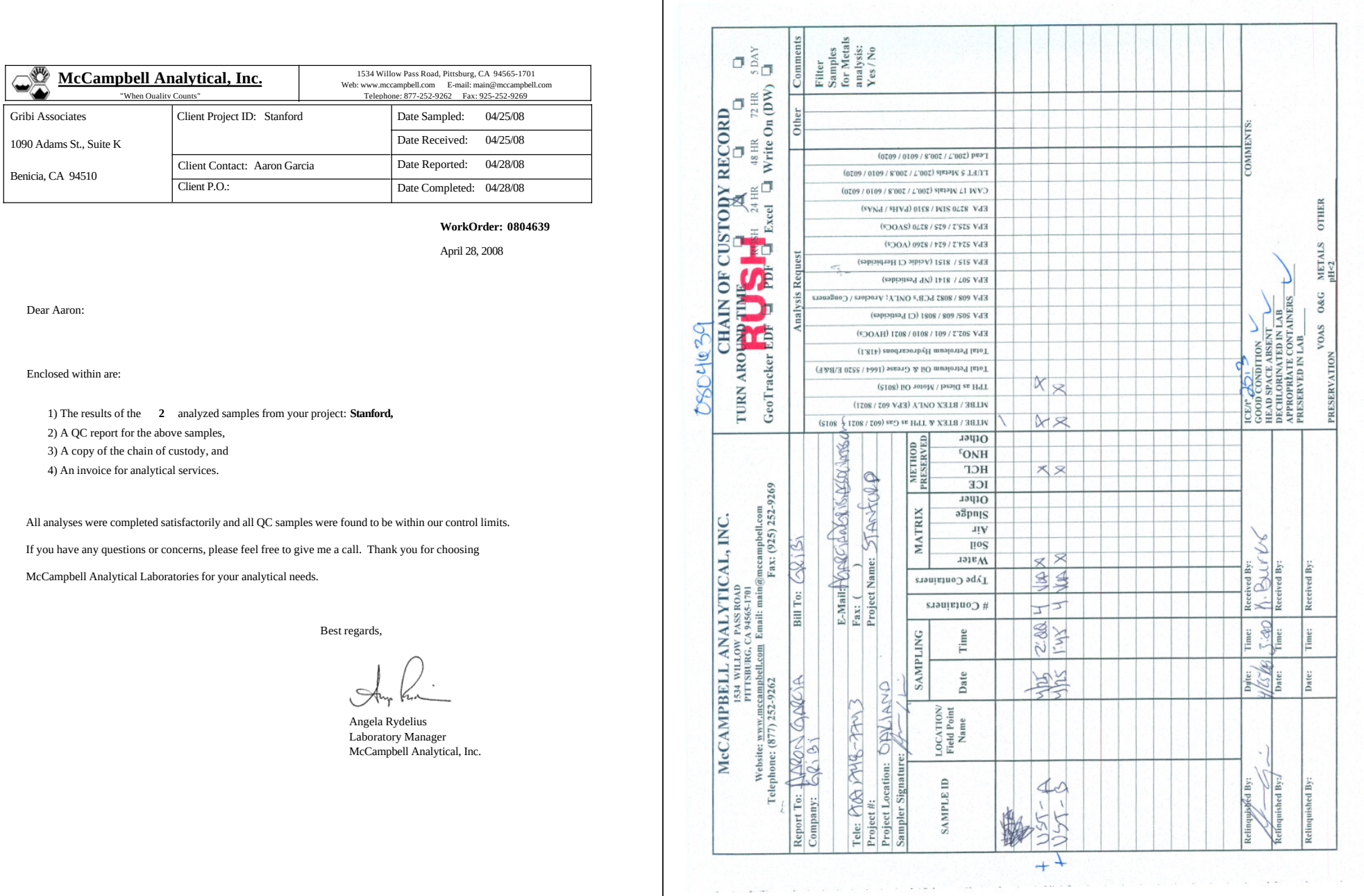
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.



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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0804639 **ClientCode: GRIB**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Aaron Garcia
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510

Email: agarcia@gribiassociates.com
TEL: (707) 748-7743 FAX: (707) 748-7763
PO:
ProjectNo: Stanford

Bill to:
Terry Ferrell
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
tferrell@gribiassociates.com

Requested TAT: 1 day

Date Received: **04/25/2008**
Date Printed: **04/25/2008**

					Requested Tests (See legend below)											
Lab ID	**Client ID**	**Matrix**	**Collection Date**	**Hold**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
0804639-001	VST-A	Water	4/25/2008 2:00	☐	A	B										
0804639-002	VST-B	Water	4/25/2008 1:45	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Kimberly Burks

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Gribi Associates** Date and Time Received: **4/25/2008 3:05:20 PM**
Project Name: **Stanford** Checklist completed and reviewed by: Kimberly Burks
WorkOrder N°: **0804639** Matrix Water Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 25.3°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:
Comments:

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Gribi Associates	Client Project ID: Stanford	Date Sampled: 04/25/08
1090 Adams St., Suite K		Date Received: 04/25/08
Benicia, CA 94510	Client Contact: Aaron Garcia	Date Extracted: 04/25/08-04/26/08
	Client P.O.:	Date Analyzed 04/25/08-04/26/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0804639

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	VST-A	W	11,000,g,h	ND<100	ND<10	ND<10	ND<10	ND<10	20	90
002A	VST-B	W	ND	ND	ND	ND	ND	ND	1	89
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Gribi Associates	Client Project ID: Stanford	Date Sampled: 04/25/08
1090 Adams St., Suite K		Date Received: 04/25/08
Benicia, CA 94510	Client Contact: Aaron Garcia	Date Extracted: 04/25/08
	Client P.O.:	Date Analyzed: 04/25/08-04/28/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0804639

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0804639-001B	VST-A	W	430,000,a,h	140,000	100	97
0804639-002B	VST-B	W	310,g,b	370	1	103
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant (cooking oil?); h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) kerosene/kerosene range; l) bunker oil range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0804639

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 35194			Spiked Sample ID: 0804604-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	101	97.8	2.86	112	114	1.80	70 - 130	20	70 - 130	20
MTBE	ND	10	96.5	97.1	0.615	115	113	1.46	70 - 130	20	70 - 130	20
Benzene	ND	10	96.1	88.2	8.60	99.6	99.2	0.391	70 - 130	20	70 - 130	20
Toluene	1.4	10	79.5	72.2	8.19	110	110	0	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	93.6	87.2	7.11	108	108	0	70 - 130	20	70 - 130	20
Xylenes	ND	30	86.4	82.7	4.31	118	117	0.864	70 - 130	20	70 - 130	20
%SS:	111	10	104	104	0	93	94	0.725	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35194 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804639-001A	04/25/08 2:00 AM	04/25/08	04/25/08 5:44 PM	0804639-002A	04/25/08 1:45 AM	04/26/08	04/26/08 5:00 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification N° 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0804639

EPA Method SW8015C	Extraction SW3510C				BatchID: 35183			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	110	110	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	119	118	0.824	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35183 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804639-001B	04/25/08 2:00 AM	04/25/08	04/28/08 1:17 PM	0804639-002B	04/25/08 1:45 AM	04/25/08	04/28/08 2:02 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644 QA/QC Officer

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Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 05/08/08
1090 Adams St., Suite K		Date Received: 05/09/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Reported: 05/16/08
	Client P.O.:	Date Completed: 05/14/08

WorkOrder: 0805256

May 16, 2008

Dear Matt:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **925 Stanford,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

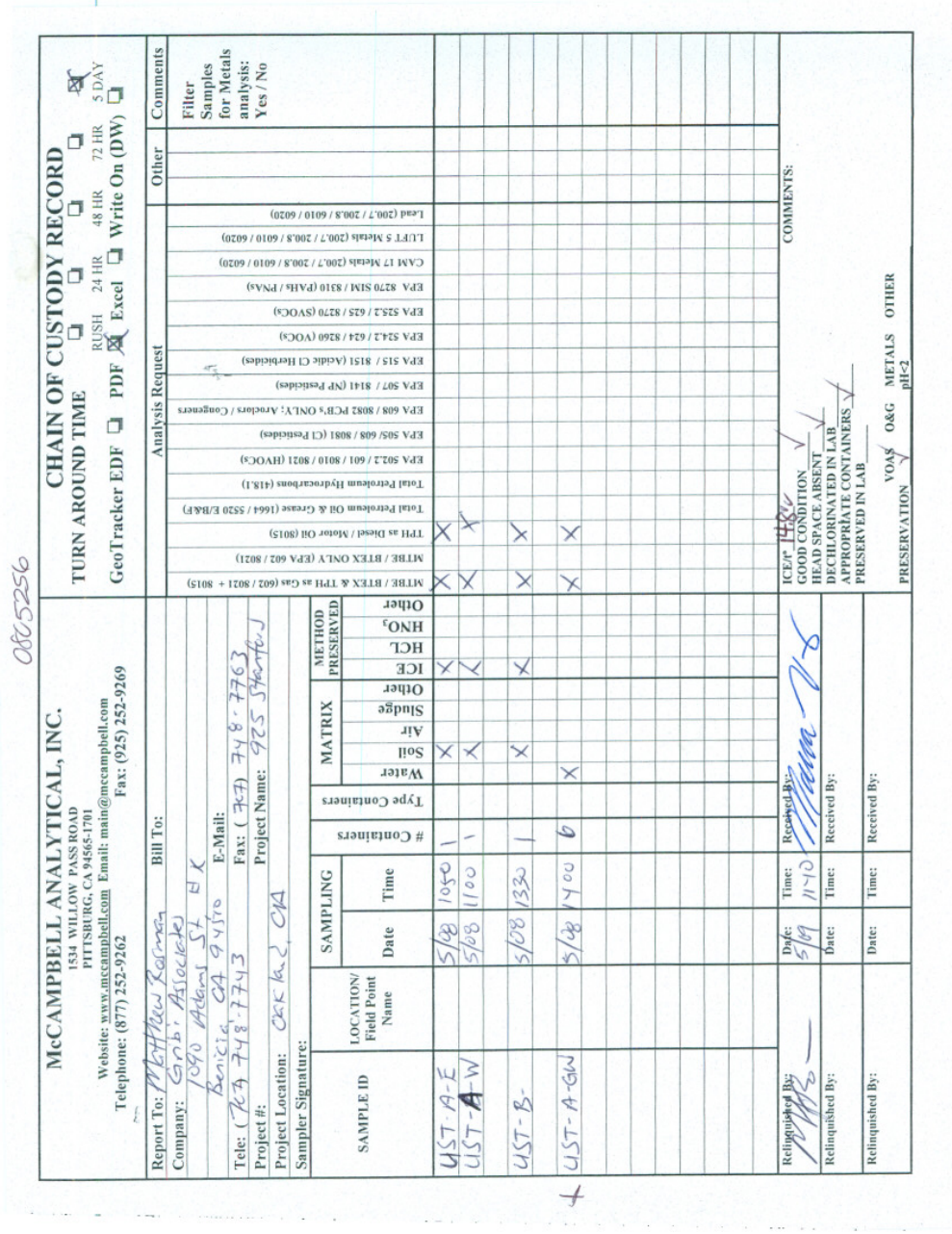
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.



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CHAIN-OF-CUSTODY RECORD

WorkOrder: 0805256 **ClientCode: GRIB**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Matt Rosman
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
(707) 748-7743 FAX (707) 748-7763

Email: mrosman@gribiassociates.com
cc:
PO:
ProjectNo: 925 Stanford

Bill to:
Terry Ferrell
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
tferrell@gribiassociates.com

Requested TAT: 5 days
Date Received: **05/09/2008**
Date Printed: **05/09/2008**

					Requested Tests (See legend below)											
Lab ID	**Client ID**	**Matrix**	**Collection Date**	**Hold**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
0805256-001	UST-A-E	Soil	5/8/2008 10:50	☐	A		A									
0805256-002	UST-A-W	Soil	5/8/2008 11:00	☐	A		A									
0805256-003	UST-B	Soil	5/8/2008 13:30	☐	A		A									
0805256-004	UST-A-GW	Water	5/8/2008 14:00	☐		A		B								

Test Legend:

1	G-MBTEX_S	2	G-MBTEX_W	3	TPH(DMO)_S	4	TPH(DMO)_W	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Gribi Associates** Date and Time Received: **5/9/08 12:56:25 PM**
Project Name: **925 Stanford** Checklist completed and reviewed by: Melissa Valles
WorkOrder N°: **0805256** Matrix Soil/Water Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sample's name noted on COC?	Yes ☐	No ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 14.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:
Comments:

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Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 05/08/08
1090 Adams St., Suite K		Date Received: 05/09/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 05/09/08-05/14/08
	Client P.O.:	Date Analyzed 05/10/08-05/14/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0805256

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	UST-A-E	S	ND	ND	ND	ND	ND	ND	1	73
002A	UST-A-W	S	ND	ND	ND	ND	ND	ND	1	74
003A	UST-B	S	ND	ND	ND	ND	ND	ND	1	87
004A	UST-A-GW	W	160,g	ND	ND	ND	ND	ND	1	94
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Gribi Associates	Client Project ID: 925 Stanford	Date Sampled: 05/08/08
1090 Adams St., Suite K		Date Received: 05/09/08
Benicia, CA 94510	Client Contact: Matt Rosman	Date Extracted: 05/09/08
	Client P.O.:	Date Analyzed: 05/12/08-05/15/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/SW3550C Analytical methods: SW8015C Work Order: 0805256

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0805256-001A	UST-A-E	S	ND	ND	1	99
0805256-002A	UST-A-W	S	ND	ND	1	106
0805256-003A	UST-B	S	26,c	15	1	113
0805256-004B	UST-A-GW	W	16,000,a/g	7600	10	101
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to matrix interference; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) mineral oil; p) see attached narrative.

DHS ELAP Certification N° 1644 Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805256

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 35419			Spiked Sample ID: 0805114-002A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	95	92.7	2.50	104	105	0.453	70 - 130	20	70 - 130	20
MTBE	ND	0.10	115	95.9	18.1	107	107	0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.9	90	7.32	96.5	97.7	1.23	70 - 130	20	70 - 130	20
Toluene	ND	0.10	107	99.1	7.34	111	112	0.795	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	105	97.9	6.60	103	105	2.23	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	114	106	7.21	114	117	2.20	70 - 130	20	70 - 130	20
%SS:	99	0.10	114	116	1.40	96	95	0.736	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35419 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805256-001A	05/08/08 10:50 AM	05/09/08	05/14/08 5:56 AM	0805256-002A	05/08/08 11:00 AM	05/09/08	05/10/08 10:16 AM
0805256-003A	05/08/08 1:30 PM	05/09/08	05/10/08 5:12 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0805256

EPA Method SW8015C	Extraction SW3510C				BatchID: 35495			Spiked Sample ID: 0805214-010B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	590	1000	103	102	0.923	108	108	0	70 - 130	30	70 - 130	30
%SS:	108	2500	122	119	2.37	107	106	0.639	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35495 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805256-004B	05/08/08 2:00 PM	05/09/08	05/15/08 8:14 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0805256

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 35496			Spiked Sample ID: 0805214-010B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	780	60	130	120	2.77	71.5	79.9	11.1	70 - 130	20	70 - 130	20
MTBE	490	10	NR	NR	NR	107	111	3.45	70 - 130	20	70 - 130	20
Benzene	4.1	10	96	94.3	1.64	95.6	95	0.586	70 - 130	20	70 - 130	20
Toluene	5.0	10	96.8	94.3	2.34	93.5	93	0.513	70 - 130	20	70 - 130	20
Ethylbenzene	250	10	83.7	74.2	1.61	91.5	89.8	1.89	70 - 130	20	70 - 130	20
Xylenes	240	30	97.6	94.1	1.35	81.3	79	2.97	70 - 130	20	70 - 130	20
%SS:	104	10	110	109	0.903	108	104	3.90	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35496 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805256-004A	05/08/08 2:00 PM	05/14/08	05/14/08 6:26 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification N° 1644 QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805256

EPA Method SW8015C	Extraction SW3550C				BatchID: 35508			Spiked Sample ID: 0805240-004A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	120	123	2.01	124	122	1.84	70 - 130	30	70 - 130	30
%SS:	120	50	119	121	1.70	122	121	0.452	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35508 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805256-001A	05/08/08 10:50 AM	05/09/08	05/15/08 4:34 PM	0805256-002A	05/08/08 11:00 AM	05/09/08	05/13/08 3:04 AM
0805256-003A	05/08/08 1:30 PM	05/09/08	05/12/08 11:44 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

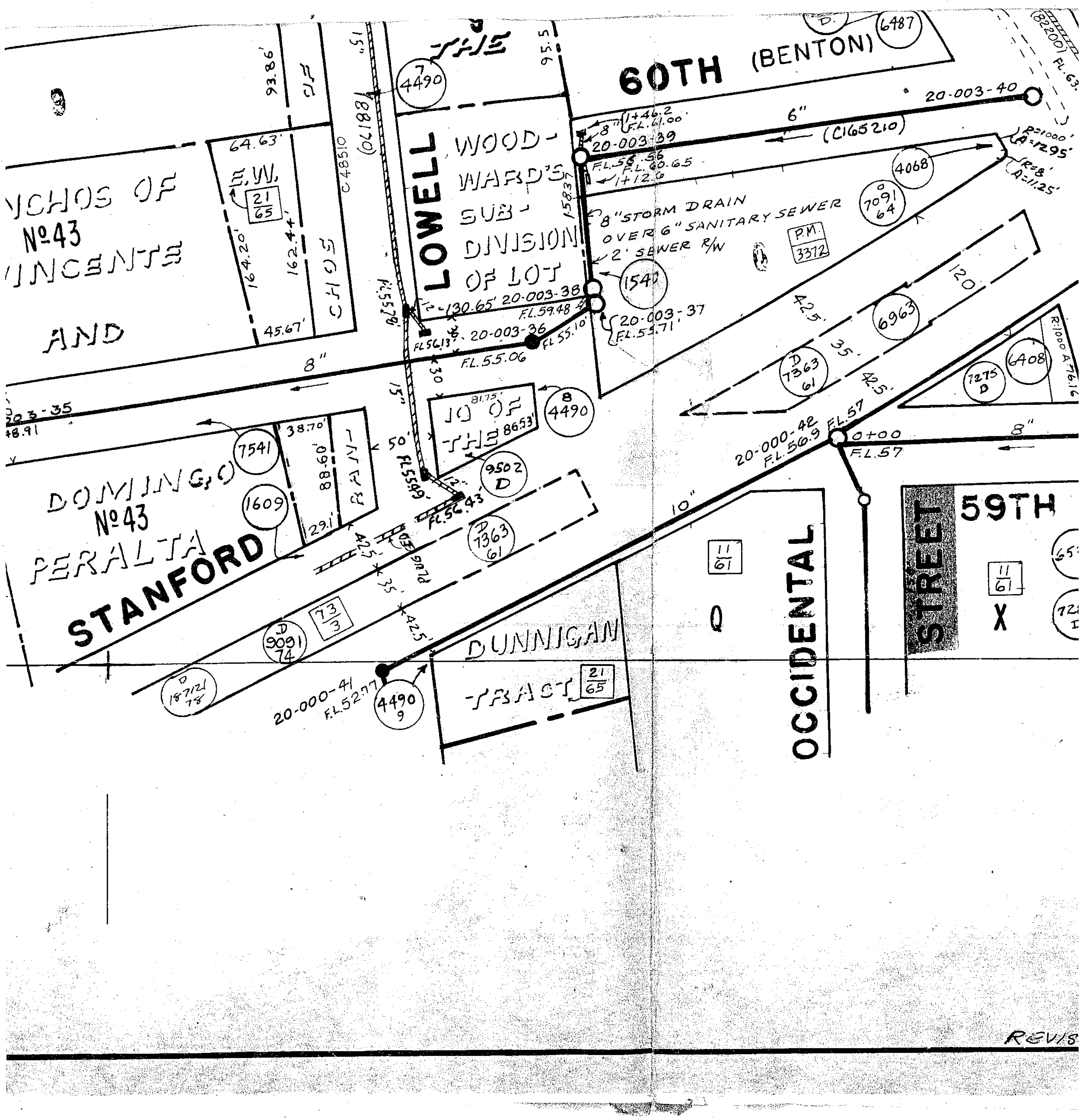
N/A = not enough sample to perform matrix spike and matrix spike duplicate.

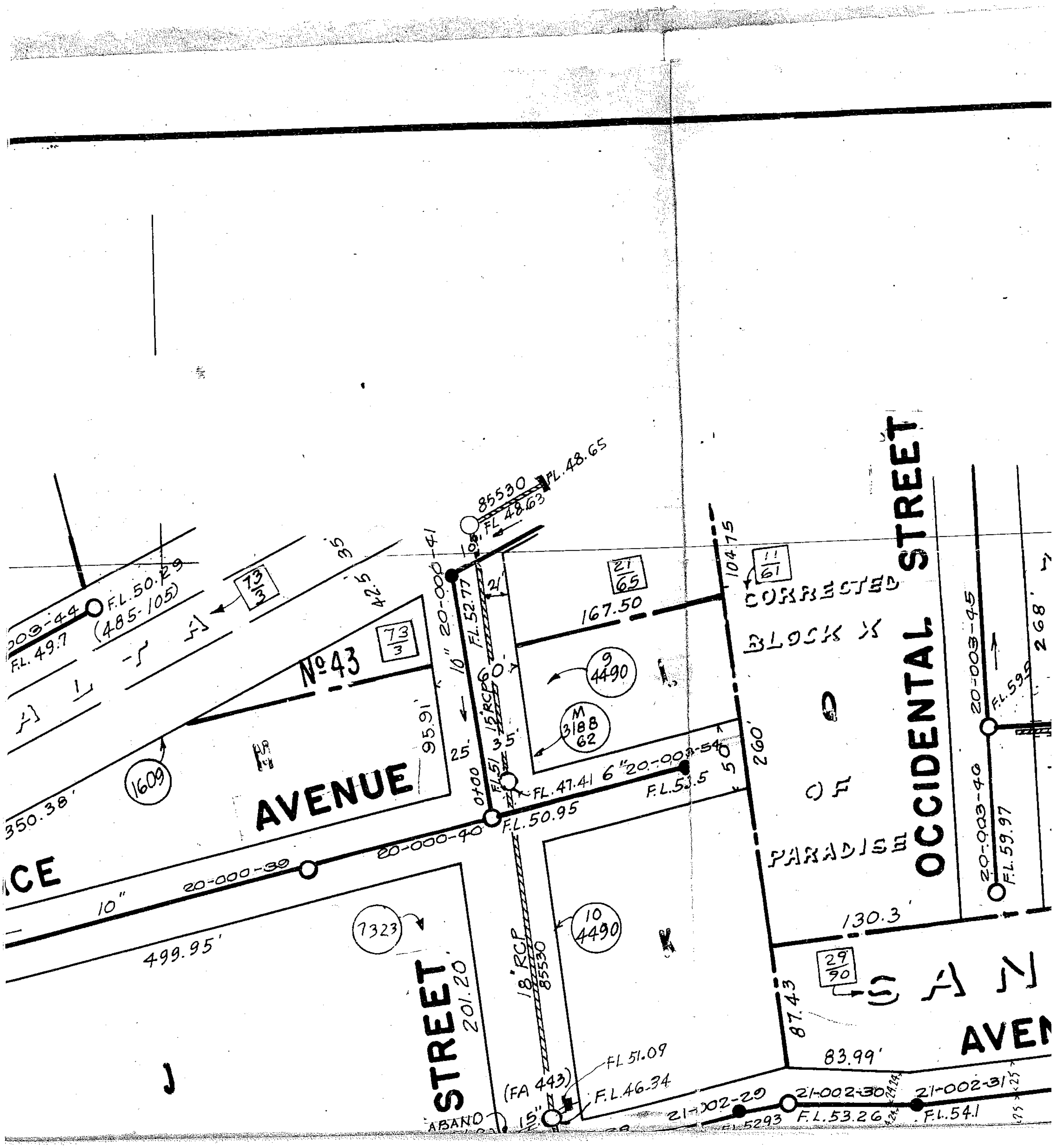
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644 QA/QC Officer

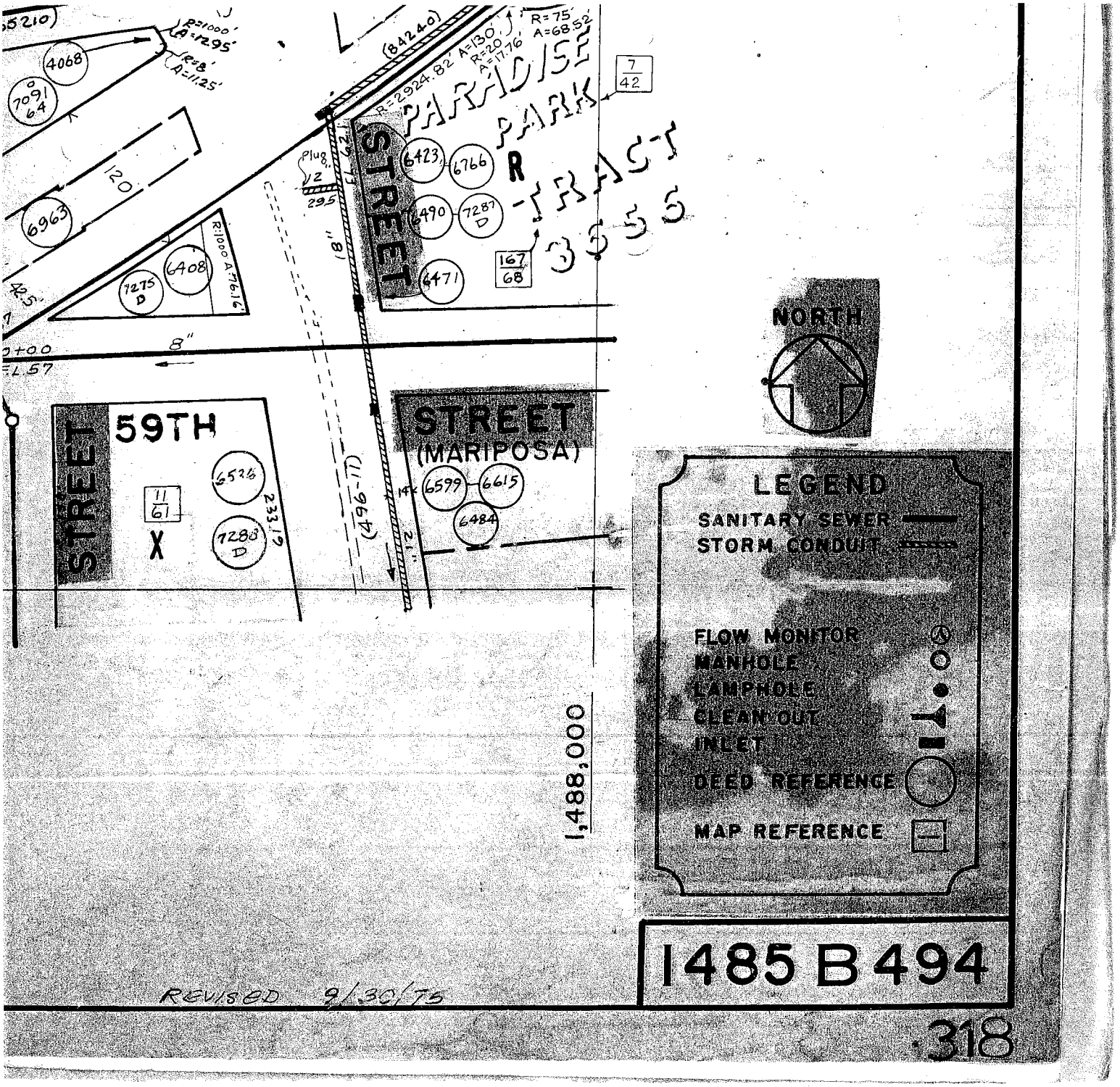
APPENDIX C

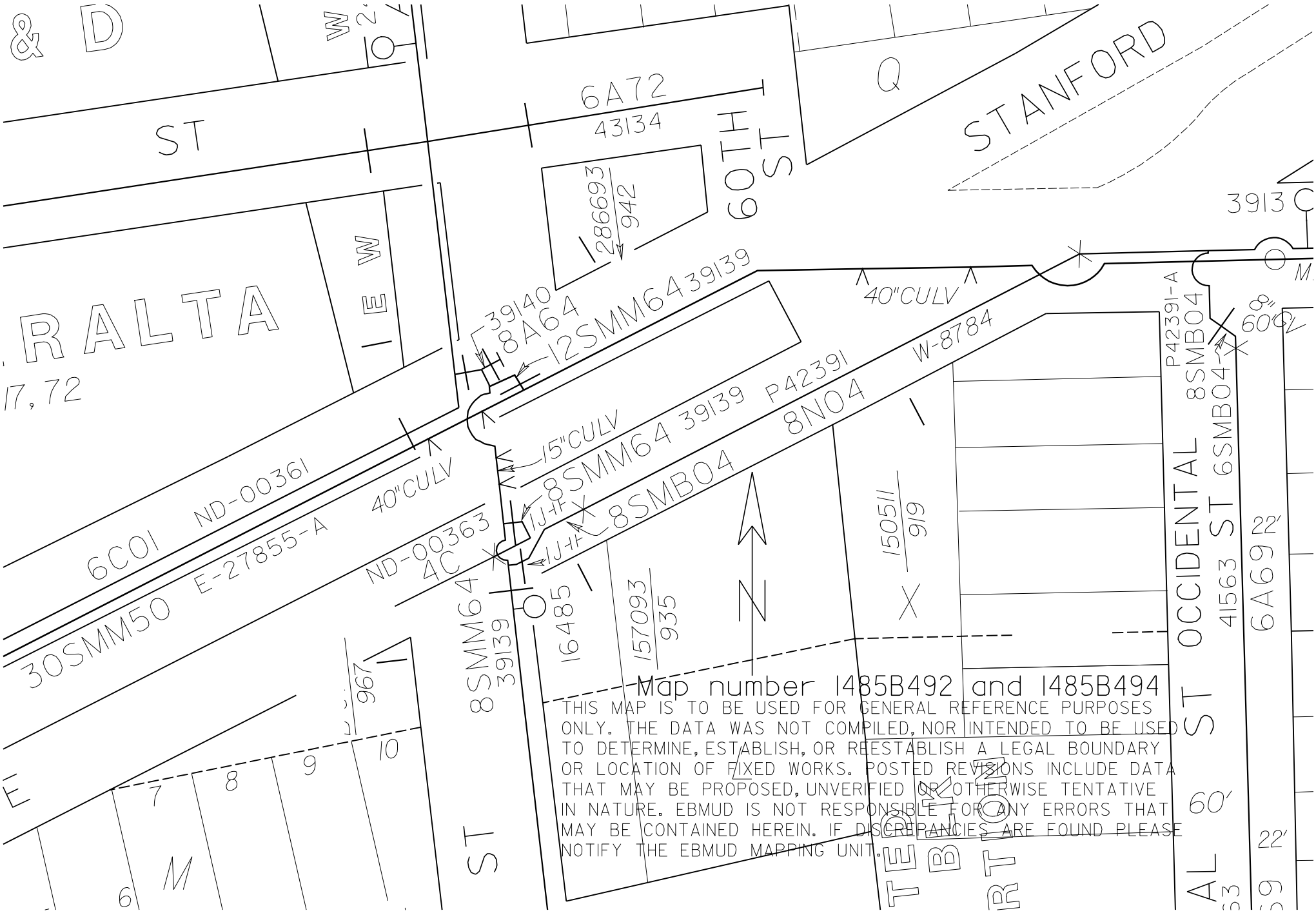
UTILITY MAPS


60TH (BENTON)
LOWELL
WOODWARD'S SUB-DIVISION OF LOT
STANFORD
OCCIDENTAL
59TH STREET
DUNNIGAN TRACT
DOMINGO PERALTA
No43
AND
8" STORM DRAIN OVER 6" SANITARY SEWER
2' SEWER R/W
20-003-40
20-003-39
20-003-38
20-003-37
20-003-36
20-000-42
20-000-41
4490
1540
4068
6963
6408
7541
1609
REVIS



F.L. 48.65
85530
FL 48.63
F.L.50.29
(485-105)
F.L. 49.7
73/3
35
42.5
Nº43
20-000-41
10"
F.L.52.77
15"RCP
60'
21'
21/65
167.50
10475
11/61
CORRECTED
BLOCK K
9/4490
M/3188/62
35'
95.91'
25'
0+00
F.L.51
F.L.47.41
6"
20-003-54
F.L.53.5
50'
260'
OF
PARADISE
1609
350.38'
AVENUE
F.L.50.95
20-000-40
20-000-39
CE
10"
499.95'
7323
18"RCP
85530
10/4490
K
130.3'
29/90
87.43
83.99'
AVEN
STREET
201.20'
J
OCCIDENTAL STREET
20-003-45
268'
F.L.59
20-003-46
F.L.59.97
FL 51.09
(FA 443)
F.L.46.34
15"
ABANO
21-002-29
21-002-30
21-002-31
F.L.53.26
F.L.54.1


PARADISE PARK
TRACT
3555
STREET
59TH STREET
STREET (MARIPOSA)
NORTH
LEGEND
SANITARY SEWER
STORM CONDUIT
FLOW MONITOR
MANHOLE
LAMPHOLE
CLEAN OUT
INLET
DEED REFERENCE
MAP REFERENCE
1,488,000
1485 B 494
318
REVISED 9/30/75



Map number 1485B492 and 1485B494

THIS MAP IS TO BE USED FOR GENERAL REFERENCE PURPOSES ONLY. THE DATA WAS NOT COMPILED, NOR INTENDED TO BE USED TO DETERMINE, ESTABLISH, OR REESTABLISH A LEGAL BOUNDARY OR LOCATION OF FIXED WORKS. POSTED REVISIONS INCLUDE DATA THAT MAY BE PROPOSED, UNVERIFIED OR OTHERWISE TENTATIVE IN NATURE. EBMUD IS NOT RESPONSIBLE FOR ANY ERRORS THAT MAY BE CONTAINED HEREIN. IF DISCREPANCIES ARE FOUND PLEASE NOTIFY THE EBMUD MAPPING UNIT.

PURPOSE

The size, kind, lining, coating, and year of pipe installation are presented on the 100 ft. per inch Distribution and Service Maps with the designation scheme described here.

PIPE SIZE

Main size will be shown to the nearest whole inch of net inside diameter.

KIND, LINING AND COATING

LETTER CODE	KIND	LINING	COATING
	A - Asbestos Cement	M - Mortar or Cement	M - Mortar or Cement
	C - Cast Iron	B - Insulating Material: Epoxy, Asphaltic, Coal Tar, etc.	B - Insulating Material
	D - Ductile Iron		BM - Insulating Material with Mortar Overcoat
	K - Copper	U - Unlined	MB - Mortar with Insulating Overcoat
	N - Non-metallic, plastic, etc.		PE - Polyethylene Coating
	W - Wrought Iron		PP - Polypropylene Coating
	L - Reinforced Concrete Cylinder		TW - Tape wrapped
	R - Reinforced Concrete Non-Cylinder		
	S - Steel		
	T - Pretensioned Concrete Cylinder		
	P - Prestressed Concrete Cylinder		

The pipeline description will then be expressed in a one, two, three or four letter code. The first position will invariably indicate the kind of pipe. If the pipe is bare, this will be the only position used. The second position will describe the lining. Again, if there is no coating, there would be only two positions. The third and fourth positions will describe the coating and/or an overcoat when used.

YEAR OF INSTALLATION

The year of installation will be indicated with the last two digits from the year.

PIPE DESIGNATION

A standard grouping of these designations will be used throughout. The first element in the group will be size expressed in numerals; the second element will be the one, two, three or four position letter code describing kind, lining and coating; and the third element will be the year of installation, again in numerals.

EXAMPLES

6A53	6" I.D. Asbestos Cement installed in 1953
8C36	8" I.D. Cast Iron bare pipe installed in 1936
12CM28	12" I.D. Cast Iron mortar lined but no coating installed in 1928
16SUM08	16" I.D. Steel Pipe unlined but mortar coated installed in 1908
24SMB56	24" I.D. Steel Pipe mortar lined and coal-tar enamel coating installed in 1956
53SMM52	53" I.D. Steel Pipe mortar lined and coated installed in 1952
60T63	60" I.D. Pretensioned concrete cylinder pipe installed in 1963
36SMBM62	36" I.D. Steel Pipe mortar lined and coated first with an insulating coating followed by a mortar overcoat installed in 1962
16SMPP78	16" I.D. Steel Pipe mortar lined and polypropylene coated installed in 1978

C. W. WAY
Chief Engineer

E-104 • 1

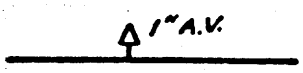
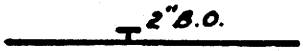
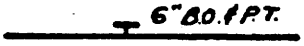
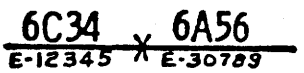
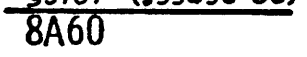
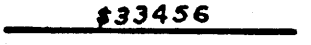
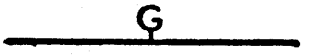
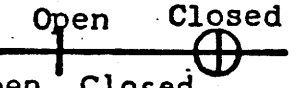
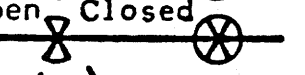
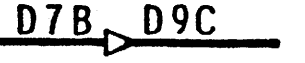
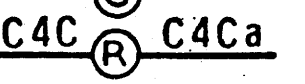
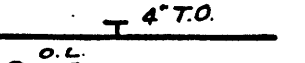
ENGINEERING STANDARD PRACTICE

ESP	251.2
EFFECTIVE	30 APR 64
SUPERSEDES	29 NOV 62

SUBJECT:

DISTRIBUTION AND SERVICE MAPS

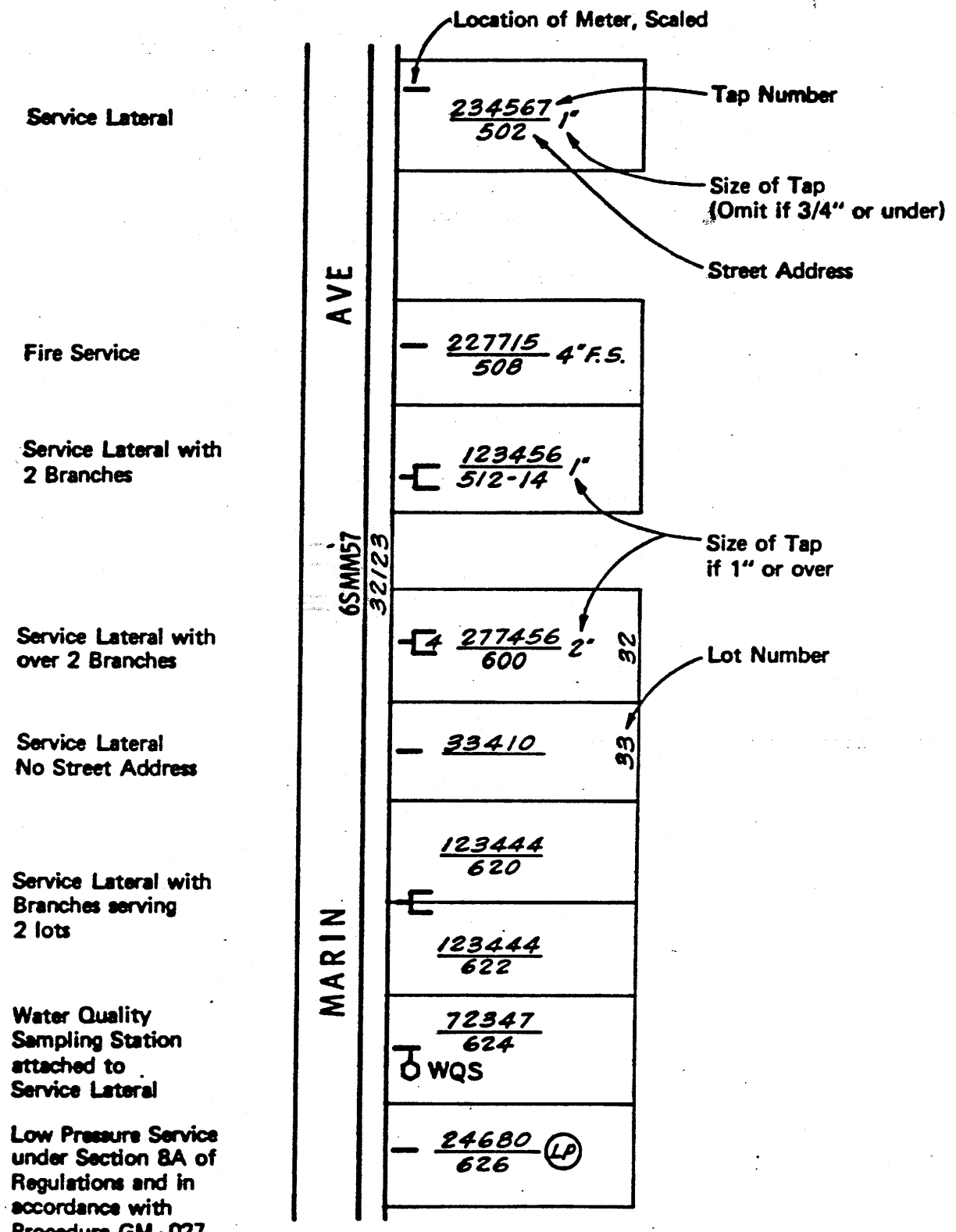
PIPE AND FITTING SYMBOLS

Air Valve on Main (Show Size)	
Blowoff at end of Main (Show Size if over 2")	
Blowoff on Main (Show Size)	
Blowoff and Pumping Tee (Show Size)	
Cathodic Protection Station	
Change in Size, Kind or Installation Date of Pipe	
Check Valve	
Culvert for Pipe (All types)	
Electrolysis Test Station	
Encasement around pipe	
Extension replacing extension where Front Foot Charge still applies	
Extension With Front Foot Charge	
Flow Meters - All Types	
Gates and Cocks on Main	
Butterfly Valve on Main	
Hydrant	
Insulation Joint	
Manhole (On Large Lines)	
Pressure Zone Designation (See ESP 480.1)	
Pumping Plant	
Rate Control Station	
Regulator	
Turnout (Show Size)	
Valves Opening Left (Hydrant & Main Line Valves)	

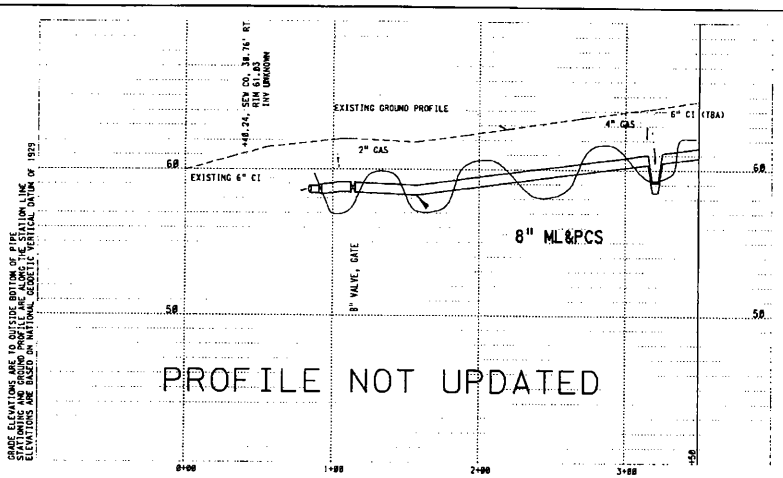
ENGINEERING STANDARD PRACTICE

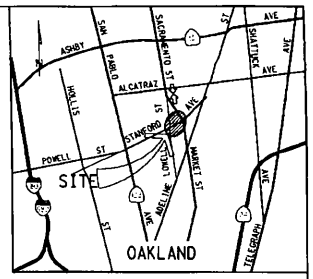
ESP	251.3
EFFECTIVE	15 FEB 80
SUPERSEDES	8 JUN 70

SUBJECT: DISTRIBUTION AND SERVICE MAP SERVICE SYMBOLS



Chief Engineer





VICINITY MAP
N.T.S.

GENERAL NOTES

CONSTRUCTION SURVEY REQUIRED

✓SURVEY TO BE FURNISHED BY E.B.M.U.D.

✓AS-BUILT DATA TO BE RECORDED IN ACCORDANCE WITH ESP. 218.1

✓MINIMUM COVER: 36" BELOW EXISTING GRADE - EXCEPT AS NOTED

✓INSTALLATION SHALL BE IN ACCORDANCE WITH E.B.M.U.D. SPECIFICATIONS AND STANDARD DRAWINGS.

✓IRON ELLS 22-1/2° OR GREATER OR TEES SHALL BE ANCHORED PER DWG. 3368-B.

SERVICE IMPROVEMENT NO. 2115, 2116

✓ALL GATE VALVES SHALL BE OF THE RESILIENT SEATED TYPE.

ML&PCS PIPE

✓FITTINGS FOR USE ON 4", 6", 8", AND 12" ML&PCS PIPELINES SHALL BE AS SHOWN ON STD. DWG. 389-EA UNLESS OTHERWISE INDICATED.

✓ALL UNCOATED FERROUS METAL SURFACES IN THE COMPLETED PIPELINES SHALL BE COATED IN ACCORDANCE WITH E.B.M.U.D. SPECIFICATIONS.

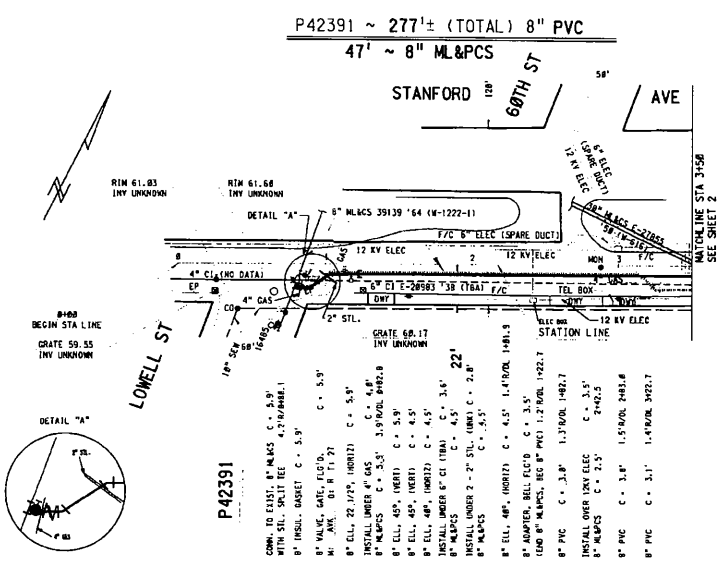
✓ELECTRICALLY ISOLATE ML&PCS PIPE FROM EXISTING CAST IRON OR ML&PCS CONNECTIONS WITH INSULATING FLANGES OR COUPLINGS IN ACCORDANCE WITH STANDARD DRAWING 3446-GB.

✓ML&PCS IS MORTAR LINED AND PLASTIC COATED STEEL PIPE. 8" ML&PCS IS 8.625" O.D., 10 GA.

✓SINGLE FIELD CUTS SHALL NOT EXCEED 22-1/2° FOR 4"-12" PIPE, AND 15° FOR 16" AND 20" PIPE. LARGER DEFLECTIONS SHALL BE CUT FROM STANDARD ELBOWS, DWG. 389-EA.

TRENCH SPOILS HANDLING AND DISPOSAL

NO SAMPLES COLLECTED.
ENVIRONMENTAL DATA BASE AND/OR SITE CHECKED.
NO CONCERNS RAISED BY SEARCH RESULTS AND/OR SITE VISIT.



HIGH VOLTAGE UNDERGROUND CABLES IN THIS AREA

Contact P. G. & E. Electrical Department prior to excavation

THIS MAP IS TO BE USED FOR GENERAL REFERENCE ONLY. THE DATA WAS NOT COMPILED, NOR INTENDED TO BE USED TO DETERMINE, ESTABLISH, OR REESTABLISH A LEGAL BOUNDARY OR LOCATIONS OF FIXED WORKS. POSTED REVISIONS INCLUDE DATA THAT MAY BE PROPOSED, UNVERIFIED OR OTHERWISE TENTATIVE IN NATURE. EBMUD IS NOT RESPONSIBLE FOR ANY ERRORS THAT MAY BE CONTAINED HEREIN. IF ANY DISCREPANCIES ARE FOUND PLEASE NOTIFY EBMUD MAPPING UNIT.

CONSTRUCTION BY DISTRICT FORCES
CONTRACT NO.
JUSTIFICATION INFRASTRUCTURE RENEWAL
PA1002381

PAVING
REFERENCE DSE 134, F8 4152, 97714

CI MARKUP
STARTED 4-15-04
COMPLETED
IN SERVICE 5-10-04
RECORDED BY MARTIN
REVIEWED BY MILLER
REVISED BY
DATE

P42391
P42391-A

BEFORE YOU DIG
CALL UNDERGROUND SERVICE ALERT
800-642-2444

EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA

STANFORD AVE & 59TH ST, OAKLAND

8" ML&PCS
PIPE INSTALLATION

LOWELL ST TO MARKET ST

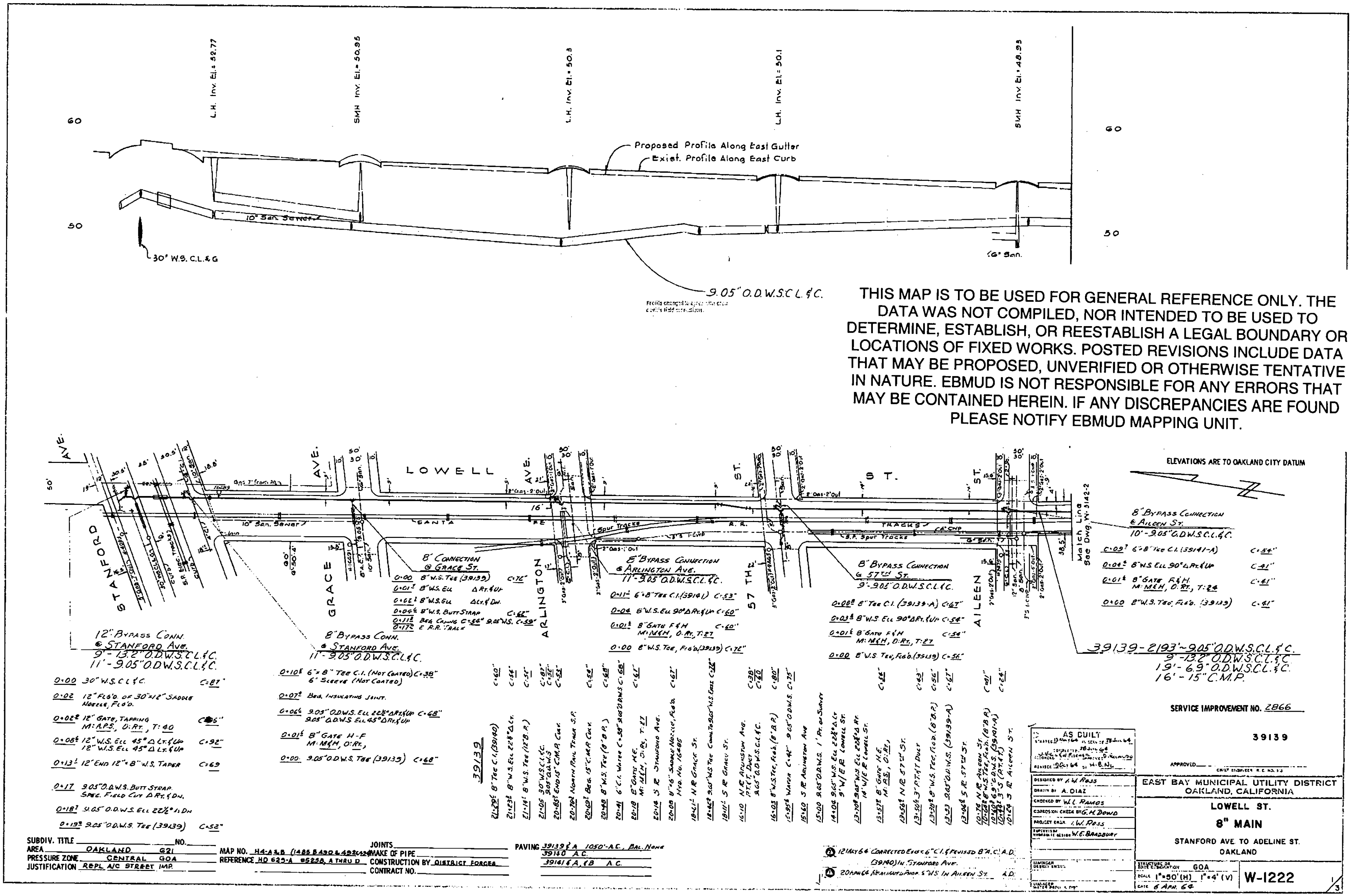
GBA

W-8784-1

2

DISTRIBUTION SYSTEM MAP NO. 1485 B 494

THIS MAP IS TO BE USED FOR GENERAL REFERENCE ONLY. THE DATA WAS NOT COMPILED, NOR INTENDED TO BE USED TO DETERMINE, ESTABLISH, OR REESTABLISH A LEGAL BOUNDARY OR LOCATIONS OF FIXED WORKS. POSTED REVISIONS INCLUDE DATA THAT MAY BE PROPOSED, UNVERIFIED OR OTHERWISE TENTATIVE IN NATURE. EBMUD IS NOT RESPONSIBLE FOR ANY ERRORS THAT MAY BE CONTAINED HEREIN. IF ANY DISCREPANCIES ARE FOUND PLEASE NOTIFY EBMUD MAPPING UNIT.



Dear Customer:

Enclosed is the **Gas and Electric** information you requested within the subject area. Please use these maps to confirm the location of PG&E facilities shown on your plans.

For your information, underground facilities are generally 24" to 36" deep. However, the depths may have changed due to street reconstruction and general area changes.

PG&E does not provide depth information about our existing electric and gas facilities (i.e gas main and services, etc).

If, after receiving our gas and electric maps, you determine depth information is needed to better plan future street improvements, you should pothole or take appropriate action as needed.

If you determined our facilities need to be lowered/raised, please provide specific location information and sufficient time to allow us to revise our service order(s) and schedule our crews to meet your schedule.

Please note that a standby PG&E employee is required during any excavation within 10 feet of a gas transmission line. Contact **Sara Burke, T&R Supervisor for the Oakland area at 925-324-2756 or Don Jones, T&R Supervisor for the Richmond area at 510-760-8199,** to arrange for a standby PG&E employee three working days prior to any excavation within 10 feet of gas transmission lines.

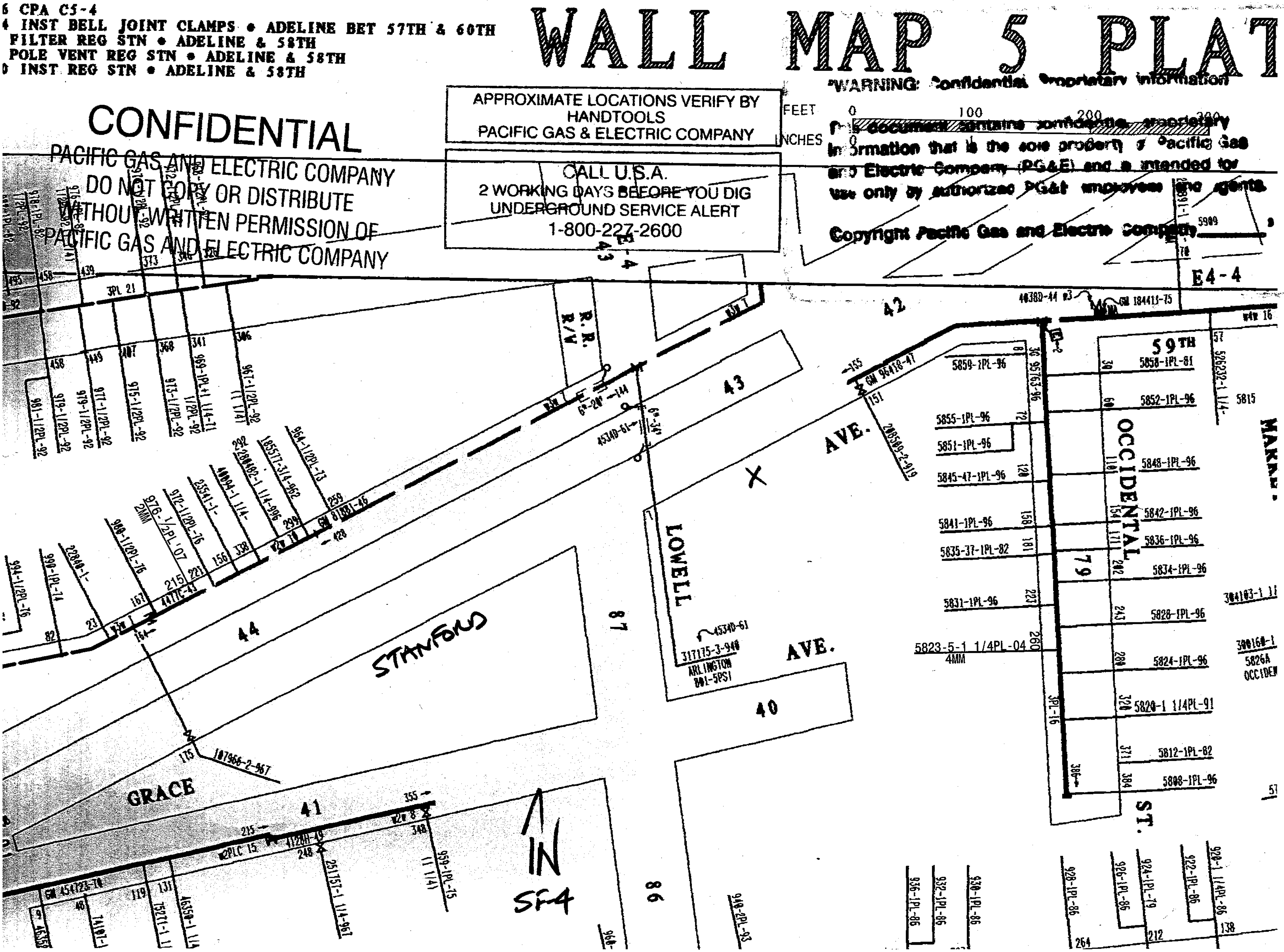
Before you start any trenching on your project, please call **Underground Service Alert (USA) at 1-800-227-2600**, at least 48 hours prior to any excavation, to have your work area marked for underground facilities

Should you need additional information concerning this matter, please contact
Francisco Rojas, Oakland Service Planning Supervisor, at 510/437-2235.
Tom Ford, Richmond Service Planning Supervisor, at 510/231-2930.
Sincerely,

Ken Barulich
PG&E Mapping Supervisor

KB:rm

Enclosures


6 CPA C5-4
4 INST BELL JOINT CLAMPS • ADELINE BET 57TH & 60TH
FILTER REG STN • ADELINE & 58TH
POLE VENT REG STN • ADELINE & 58TH
0 INST REG STN • ADELINE & 58TH
WALL MAP 5 PLAT
CONFIDENTIAL
PACIFIC GAS AND ELECTRIC COMPANY
DO NOT COPY OR DISTRIBUTE
WITHOUT WRITTEN PERMISSION OF
PACIFIC GAS AND ELECTRIC COMPANY
APPROXIMATE LOCATIONS VERIFY BY
HANDTOOLS
PACIFIC GAS & ELECTRIC COMPANY
CALL U.S.A.
2 WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600
WARNING: Confidential Proprietary Information
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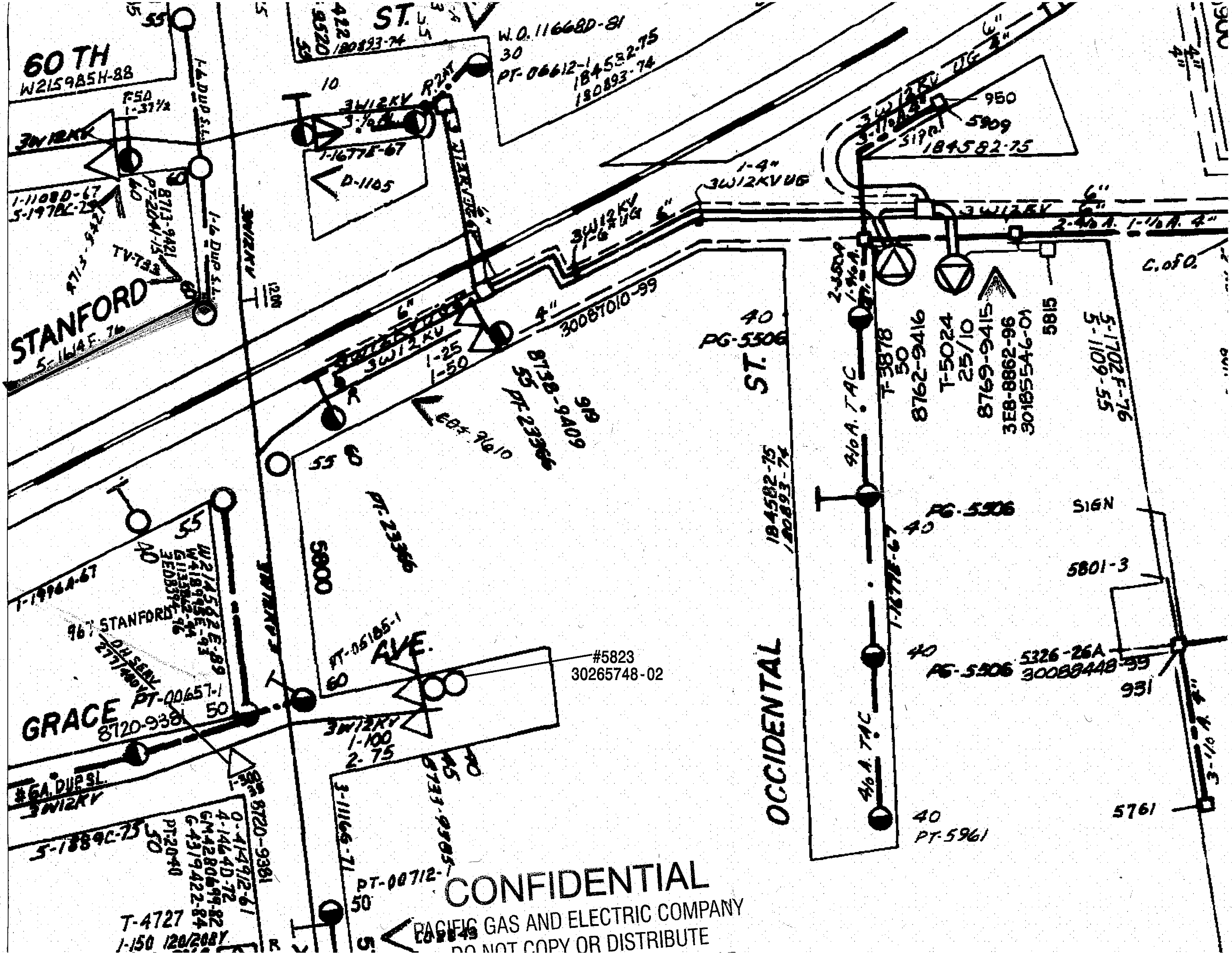
Copyright Pacific Gas and Electric Company
FEET
0
100
200
300
INCHES
0
E4-4
42
43
44
40
41
79
87
86
59TH
OCCIDENTAL
ST.
AVE.
LOWELL
AVE.
STANFORD
GRACE
R.R. R/W
ARLINGTON
IN
SF4
5859-1PL-96
5858-1PL-81
5852-1PL-96
5855-1PL-96
5851-1PL-96
5845-47-1PL-96
5848-1PL-96
5841-1PL-96
5842-1PL-96
5835-37-1PL-82
5836-1PL-96
5834-1PL-96
5831-1PL-96
5828-1PL-96
5823-5-1 1/4PL-04
4MM
5824-1PL-96
5820-1 1/4PL-91
5812-1PL-82
5808-1PL-96
5815
5909
317175-3-940
4534D-61
107966-2-967
205509-2-919
936-1PL-86
932-1PL-86
930-1PL-86
928-1PL-86
926-1PL-86
924-1PL-79
922-1PL-86
920-1 1/4PL-86
940-2PL-93
959-1PL-75
251757-1 1/4-967



APPENDIX D

WELL SEARCH DOCUMENTS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Alameda County Public Works Agency Well Search

Permit	Tr	Section	Address	Longcity	Owner	Update	Xcoord	Ycoord	Matchlevel	Tsrqg	Rec_code	Phone	City	Drilldate	Elevation	Totaldeptl	Waterdept	Diameter	Use
	1S/4W	14F 1	5829 Adeline St	Oakland		8/30/1997	122273132	37843724	1	1S/4W 14F	0	0	OAK	7/94	0	18	5	2	MON
	1S/4W	14L 1	5702 ADELINE ST	Oakland	HUGAST SANTOS	7/31/1984	122273831	37841883	0	1S/4W 14L	2327	0	OAK	8/77	0	92	12	8	IND
96105	1S/4W	15H 1	6301 San Pablo Ave	Oakland	Mobil Oil Corp.	3/29/1998	122283814	37845789	1	1S/4W 15H	0	0	OAK	3/96	0	20	7	4	MON
96105	1S/4W	15H 2	6301 San Pablo Ave	Oakland	Mobil Oil Corp.	3/29/1998	122283814	37845789	1	1S/4W 15H	0	0	OAK	3/96	0	20	7	4	MON
96105	1S/4W	15H 3	6301 San Pablo Ave	Oakland	Mobil Oil Corp.	3/29/1998	122283814	37845789	1	1S/4W 15H	0	0	OAK	3/96	0	20	15	4	MON
96105	1S/4W	15H 4	6301 San Pablo Ave	Oakland	Mobil Oil Corp.	3/29/1998	122283814	37845789	1	1S/4W 15H	0	0	OAK	3/96	0	25	16	4	MON
	1S/4W	15J	SAN PABLO AVE & POWELL	Oakland	CHAPMAN SHEPARD INC.	9/25/1989	122281218	37837446	2	1S/4W 15J	2337	0	OAK	Feb-89	0	20	14	8	BOR
	1S/4W	15J 6	5714 San Pablo Ave.	Oakland	SYDA Foundation MW-2	6/22/1993	122282146	37840689	1	1S/4W 15J	0	0	OAK	5/92	0	19	10	4	MON
	1S/4W	15J 7	5714 San Pablo Ave.	Oakland	SYDA Foundation MW-3	6/22/1993	122282146	37840689	1	1S/4W 15J	0	0	OAK	5/92	0	19	10	4	MON
	1S/4W	15J 8	5714 San Pablo Ave.	Oakland	SYDA Foundation MW-4	6/22/1993	122282146	37840689	1	1S/4W 15J	0	0	OAK	5/92	0	19	10	4	MON
	1S/4W	15J 9	5714 San Pablo Ave.	Oakland	SYDA Foundation MW-5	6/22/1993	122282146	37840689	1	1S/4W 15J	0	0	OAK	5/92	0	19	10	4	MON
	1S/4W	15J					0	0	9	1S/4W 15J	6818	0		Mar-89	0	15	13	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6873	0		Feb-89	0	15	13	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6874	0		Feb-89	0	20	0	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6875	0		Feb-89	0	15	0	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6876	0		Mar-89	0	15	13	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6877	0		Mar-89	0	20	14	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6878	0		Mar-89	0	15	13	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6879	0		Mar-89	0	20	0	8	BOR
	1S/4W	15J					0	0	9	1S/4W 15J	6880	0		Mar-89	0	15	0	8	BOR

Well Legend

DOM=Domestic well

IRR=Irrigation well

MUN= Municipal well

IND=Industrial well

CAT=Cathodic well

DES=well destroyed (through permit)

ABN=Abandoned and not being used (but has not been destroyed through permit process)

TES=Test well

BOR= Geotechnical investigation

MON= Monitoring well

EXT=Extraction/ Vapor wells

PIE=Piezometers

REC=Recovery well (extraction/ vapor)

? = Unknown or no information found or given