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2:03 pm, Aug 11, 2008

Alameda County  
Environmental Health

**Alameda County Environmental Health Services**  
**1131 Harbor Bay Parkway, Suite 250**  
**Alameda, CA 94502-6577**

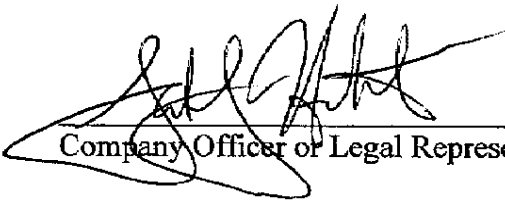
**PERJURY STATEMENT**

Name of Document or Report: Results of Additional Subsurface Investigation

Site Address: 1685 24<sup>th</sup> Street

RO#: 2568 Date of Report: 7-28-08

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

  
\_\_\_\_\_  
Company Officer or Legal Representative

Manager  
\_\_\_\_\_  
Title

Capital Stone Group  
\_\_\_\_\_  
Company

8-1-08  
\_\_\_\_\_  
Date

CC: ACC Environmental Consultants, Inc.



July 28, 2008

Mr. Jabari J. Herbert  
Capital Stone Group, LLC  
1485 8<sup>th</sup> Street  
Oakland, California 94607

**RE: Results of Additional Subsurface Investigation  
1685 24<sup>th</sup> Street, Oakland, California  
ACC Project No. 6871-001.01**

Dear Mr. Herbert:

ACC Environmental Consultants Inc. (ACC) has prepared this letter report documenting activities and results for a recently conducted limited subsurface investigation at 1685 24<sup>th</sup> Street in Oakland, California (Site) (Figure 1 and Figure 2). This letter provides a summary of field activities and soil and groundwater results for four soil borings drilled and sampled at the site.

## **INTRODUCTION**

ACC recently completed a limited soil boring investigation that consisted of the drilling and sampling of four soil borings. The investigation was conducted to satisfy activities proposed in *Revised Work Plan – Additional Subsurface Investigation* (Work Plan) (ACC, June 2006) and approved by Alameda County Department of Environmental Health (ACDEH). The Work Plan proposed drilling and sampling ten soil borings to a depth of 16 feet below grade. In December 2006, ACC conducted field activities under the proposed work plan, with six of the ten borings being drilled. This letter report documents the drilling and sampling of the remaining four borings. The purpose of the investigation was to further characterize petroleum hydrocarbon impacts in soil and groundwater in the vicinity of seven former underground storage tanks (USTs) identified at the Site and to obtain additional data to confirm the preliminary Site Conceptual Model (SCM).

## **BACKGROUND**

The subject property is bound by 24th Street to the north, Willow Street to the west, and the Pacific Pipe Company (PPC) pipe storage yards to the east and south (Figure 1). Circa 1966 to 1990, the subject property was utilized as a taxicab maintenance facility. From 1990 to the present, automotive repair operations have been conducted at the site by Lee's Auto Shop. In April 1987, seven underground storage tanks (USTs) were reportedly removed from the Site. According to records obtained at the Oakland Fire Department Office of Emergency Services, three 1,000 gallon gasoline USTs, two 8,000-gallon USTs, and two 7,500-gallon USTs were permitted for the Site. UST removal records obtained during the Phase I Environmental Site Assessment indicate that two 7,500-gallon gasoline USTs, two 10,000-gallon gasoline USTs, and one 550-gallon waste oil tank were removed.

The site plan generated during UST removal was not scaled so exact former UST locations are unknown. Estimated former UST locations are illustrated on Figure 2. Specifically, the USTs illustrated at soil boring locations TB-4, SS-1, and TB-10 are known due to the observation of gasoline-discolored soil and obvious backfill materials as sand and pea gravel at these three locations. The four suspect USTs depicted in the vicinity of soil borings TB-6 through TB-9 are known with less confidence but are estimated based on the depicted locations on the un-scaled site plan. Product dispenser locations are unknown but seven holes for seven vent lines are located in the southwest corner of the building.

ACC conducted an initial subsurface investigation at the Site in August 2002 for a prospective buyer. Subsurface soil and groundwater characterization was requested by the prospective buyer for due diligence purposes due to historical site use and documented USTs at the Site. In order to confirm suspect soil and groundwater impacts from the former USTs, ACC located and advanced seven exploratory soil borings to collect representative soil and grab groundwater samples. Soil boring TB-1 and TB-2 were advanced on August 2, 2002 and "step-out" soil borings B25 through B29 were advanced on August 12, 2002. The soil boring designations used reflect the fact that the soil borings advanced at the Site were part of a much larger comprehensive subsurface investigation at a number of properties. Field indications and sample analytical results indicated that gasoline and diesel fuel impact was evident in several soil and groundwater samples collected in these soil borings.

TPHg was reported in the grab groundwater sample from soil boring TB-1 at 5,000 micrograms per Liter ( $\mu\text{g/L}$ ) with relatively minor associated BTEX. TEPH was reported in sample TB-1-W at a concentration of 2,000  $\mu\text{g/L}$ . TPHg was reported in soil in soil borings B25, B28, and B29 at concentrations ranging from 36 to 190 milligrams per kilogram ( $\text{mg/kg}$ ). Traces of emulsified free-phase floating product (free product) were observed on groundwater in soil boring B25, as evidenced by grab groundwater sample analytical results reported in grab groundwater sample B25-W. Some reported concentrations of TPHg and BTEX were significant but appeared localized. Groundwater was generally encountered at approximately 9 feet below ground surface (bgs) perched above a silty clay aquitard approximately 10 feet thick.

TPHg, BTEX, and TEPH as diesel were the primary constituents of concern identified in soil and groundwater. These constituents are likely the result of unauthorized releases from the former gasoline and diesel fuel USTs. Subsurface impacts were not entirely characterized but appear to be largely localized to the general vicinity of the former USTs and horizontal and vertical migration potential is estimated to be minimal due to the low permeability aquitard observed from approximately 9.5 to 20 feet bgs. TPHg and BTEX concentrations in select locations are above regulatory action levels and may represent an unacceptable human health risk and/or the necessity for land use restrictions and groundwater monitoring. In addition, halogenated volatile organic compounds (HVOCs) were reported in one groundwater sample.

## **DESCRIPTION OF FIELD ACTIVITIES**

The limited soil boring investigation was conducted on July 15, 2008, and included the drilling and sampling of four soil borings (TB-17 through TB-20). All four soil borings were drilled to first encountered groundwater, approximately 12 feet below grade. In addition, two of the four borings were drilled to a second water bearing zone at approximately 25 feet below grade. The goals of this investigation, along with the December 2006 investigation, included the following:

1. Further characterize subsurface conditions, sample encountered media, and investigate the potential for vertical and horizontal migration of petroleum hydrocarbons in the subsurface,
2. Characterize subsurface lithology
3. Obtain additional data regarding human health and ecological risk associated with residual petroleum hydrocarbons in the subsurface,
4. Obtain additional data to confirm and further refine the preliminary SCM and determine optimal locations of potential groundwater monitoring wells if necessary,
5. Evaluate risk associated with possible indoor air impacts for the planned residential development,
6. Prepare a report of findings for submission to the ACHSA and OFD for review and comment.

All activities were conducted in accordance with the approved Work Plan and with generally accepted field sampling protocols.

### **Pre-field Activities**

Prior to implementing the Work Plan, written approval was obtained from the ACDEH. Also, a drilling permit was obtained from and 72-hour pre-field notification was given to Alameda County Public Works Agency. A copy of the ACPWA drilling permit is included in Appendix A.

Proposed boring locations were marked with white paint, and Underground Services Alert (USA) was notified at least 48 hours prior to drilling. Also, a private underground utility locator, ForeSite, cleared proposed boring locations.

## **Location of Borings**

The location of the four soil borings (TB-17 through TB-20) are shown on Figure 3. Soil borings TB-17 and TB-18 were located approximately downgradient and upgradient, respectively, from a former row of four petroleum USTs. Soil borings TB-19 and TB-20 were located in the vicinity of three separate former petroleum USTs near the Site building.

## **Drilling and Sampling of Soil Borings**

Two shallow soil borings (TB-18 through TB-20) were drilled to a depth of approximately 12 feet below surface grade in order to collect shallow soil samples and a first-encountered groundwater sample. Two deeper soil borings (TB-17 and TB-20) were drilled to approximately 30 feet below surface grade in order to collect shallow soil samples, first-encountered groundwater and a deeper second water-bearing zone below the Site. All four soil borings were drilled by Environmental Control Associates using direct-push coring equipment. The direct-push coring system allowed for the retrieval of almost continuous soil cores, which were contained in a clear plastic acetate tube, nested inside a stainless steel core barrel. For all borings, after the core barrel was brought to the surface and exposed, soils were examined, logged, and field screened for hydrocarbons by a qualified scientist using sight and smell. Boring logs for the four soil borings are contained in Appendix B. Following completion, the four soil boring locations were grouted to match existing grade using cement slurry.

Two soil samples were collected from each of the four borings. Subsurface soils were sampled as follows: (1) a 6-inch long section of the acetate liner containing the undisturbed soil core was removed; (2) Both ends of the sample were covered with Teflon tape and then sealed with a plastic endcap; and (3) The samples were then labeled and placed in cold storage for transport to the laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection by triple rinsing first with water, then with dilute tri-sodium phosphate solution, and finally with distilled water.

One grab groundwater sample was collected from borings TB-18 and TB-20 and two grab groundwater samples were collected from borings TB-17 and TB-19. Grab groundwater samples were collected as follows: (1) 1-1/4-inch diameter well casing was placed in the boring, with about five feet of slotted screen on the bottom; (2) Groundwater was brought to the surface using a clean, disposable bailer; (4) Groundwater was poured directly from the bailer into laboratory-supplied containers; and (5) Each sample container was tightly sealed, labeled, and placed in cold storage.

## **Laboratory Analysis of Soil and Groundwater Samples**

A total of eight soil samples and six grab groundwater samples were analyzed for the following parameters.

- USEPA 8015C Total Petroleum Hydrocarbons as Gasoline (TPHg)
- USEPA 8015C Total Petroleum Hydrocarbons as Diesel (TPHd)
- USEPA 8021C Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)
- USEPA 8021C Methyl Tert-Butyl Ether (MTBE)

All samples were analyzed by Sunstar Laboratories, Inc., a California-certified laboratory with standard turn around on laboratory results.

## **RESULTS OF INVESTIGATION**

### **General Subsurface Conditions**

Soils encountered in the four borings generally showed thin interbedded layers of fill above relatively shallow silty clay ("bay mud") that extends to approximately 25 feet below surface grade. Bay mud was encountered at 11 feet below grade, 5 feet below grade, and 1 foot below grade in borings TB-17, TB, 19, and TB-20, respectively. Bay mud was not encountered in boring TB-20 which generally showed fill consisting of silty sand to the total depth of the boring at 12 feet below grade.

A shallow perched groundwater zone was generally encountered between 8 to 10 feet below surface grade in all four soil borings. A second, deeper water-bearing zone was encountered between 25 and 30 feet below surface grade in borings TB-17

and TB-19. The deeper groundwater rose significantly in the borings, indicating that the deeper aquifer may be under a confining pressure.

Hydrocarbon odors were noted in soil samples collected from TB-17, TB-19, and TB-20.

### **Results of Laboratory Analyses**

Soil and groundwater laboratory analytical results are summarized in Table 1 and 2, and on Figure 3. Laboratory data reports for soil and groundwater are contained in Appendix C.

#### *Soil*

Concentrations of petroleum hydrocarbons were reported in soil samples from all four borings. Soil concentrations were generally minor except for a soil sample from TB-19 collected at a depth of 4.5 feet, which reportedly contained 870 parts per million (ppm) TPHd and 2,000 ppm TPHg. For the same sample, however, BTEX concentrations were relatively minor, with concentrations of 1.1 ppm toluene, 34 ppm ethylbenzene, 0.038 xylenes, and no detectable concentration of benzene.

Maximum petroleum hydrocarbon concentrations in soil for TB-17, TB-18, TB-19, and TB-20, respectively, are as follows:

- TPHd concentrations of 10 ppm, 15 ppm, 870 ppm, and 11 ppm;
- TPHg concentrations of 1.2 ppm, 8.0 ppm, 2,000 ppm, and 17 ppm;
- benzene concentrations of 0.47 ppm, 0.022 ppm, 0.050 ppm, and 0.042 ppm;
- toluene concentrations of 0.007 ppm, 0.018 ppm, 1.1 pm, and 0.029 ppm;
- ethylbenzene concentrations of 0.0093 ppm, 0.022 ppm, 34 ppm, and 0.24 ppm
- xylenes concentrations of 0.020 ppm, 0.054 ppm, 0.56 ppm, and 0.022 ppm

#### *Groundwater*

Concentrations of petroleum hydrocarbons were reported in shallow groundwater samples from all four soil borings. Concentrations of petroleum hydrocarbons in groundwater from the second water-bearing zone collected in boring TB-17 and TB-19 were not reported above their respective laboratory detection limits for any of the compounds.

Concentrations in shallow groundwater samples were generally moderate except for the shallow groundwater sample from TB-19, which reportedly contained concentrations of 24,000 parts per billion (ppb) TPHd, 38,000 ppb TPH-G, 78 ppb benzene, 3,800 ppb ethylbenzene, 43 ppb xylenes, and 250 ppb MTBE.

Maximum petroleum hydrocarbon concentrations in shallow groundwater for TB-17, TB-18, TB-19, and TB-20, respectively, are as follows:

- TPHd concentrations of 800 ppb, 1,000 ppb, 24,000 ppb, and 1,800 ppb;
- TPHg concentrations of 3,100 ppb, 2,900 ppb, 38,000 ppb, and 3,300 ppb;
- benzene concentrations of 0.028 ppb, 4.5 ppb, 78 ppb, and non-detect;
- toluene concentrations of non-detect, non-detect, non-detect, non-detect, and 4.0 ppb;
- ethylbenzene concentrations of non-detect, non-detect, 3,800 ppb, and 51 ppb
- xylenes concentrations of non-detect, 5.8 ppb, 43 ppb, and non-detect.

### **CONCLUSIONS**

TPHg and TPHd concentrations in shallow groundwater were above Environmental Screening Levels (ESLs) for commercial site where groundwater is a current or potential drinking water source. However, due to the shallow, thin, and perched nature of the encountered groundwater, it is extremely unlikely that the shallow groundwater in this area will be used as a drinking water source. Therefore, ESL values for commercial sites where groundwater is not a current or potential drinking water source are more appropriate. Only shallow groundwater concentrations of 24,000 ppb TPHd, 38,000 ppb TPHg, and 3,800 ppb ethylbenzene at TB-19 exceed the ESL concentrations of 2,500 ppb TPHd, 5,000 ppb TPHg, 300 ppb ethylbenzene

respectively for commercial sites in which groundwater is not a current or potential drinking water source. All other groundwater concentrations were below their respective ESL values. Furthermore, the bay mud underlying the shallow groundwater appears to have retarded any vertical migration of impacts into the second water-bearing zone approximately 25 to 30 feet below grade.

Residual petroleum impacts to soil appear to be relatively minor. Only concentrations of 870 ppb TPHd, 2,000 ppb TPHg, and 34 ppb ethylbenzene collected from TB-19 at a depth of 4.5 feet below grade, and a benzene concentration of 0.47 ppb collected from TB-17 at a depth of 11.5 feet below grade, exceed ESL soil concentrations of 150 TPHd, 450 ppb TPHg, 0.26 benzene, and 33 ppb ethylbenzene respectively for commercial sites in which groundwater is not a current or potential drinking water source. These results are consistent with groundwater results, and indicate that significant soil impacts are limited to an area roughly between the western portion of the site building and the fence line 20 feet to the south.

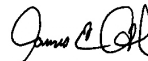
Results from this and previous investigations show relatively low to moderate petroleum hydrocarbon impacts to groundwater on the site. Moderate to high levels of petroleum hydrocarbons in groundwater, namely TPH-G and TPH-D, exist between the western portion of the Site building and the fence line oriented parallel to the site building, approximately 20 feet to the south. The concentrations appear to decline rapidly at increased distance from this "source area". The results indicate a larger, more diffuse groundwater plume trending to the west, following the expected groundwater gradient, meeting ESL goals for commercial sites in which groundwater is not a current or potential drinking water source before groundwater migrates off the property. It is clear from these results that residual hydrocarbons present at the site do not pose an imminent threat to environmental or human health. Based on the results of this investigation and past investigations, this site may warrant regulatory closure.

Thank you for choosing ACC to assist you with this project. If you have any questions, please contact me at (510) 638-8400, extension 107.

Sincerely,



Tim Fallin  
Vice President



James E. Gribi  
Professional Geologist  
California No. 5843

#### Attachments

- Table 1 – Summary of Soil Sampling Results
- Table 2 – Summary of Groundwater Sampling Results
- Figure 1 – Site Location
- Figure 2 – Site Plan
- Figure 3 – Soil Boring Locations w/ Results
- Appendix A – ACPWA Permit
- Appendix B – Boring Logs
- Appendix C – Laboratory Reports

**TABLE 1- TPHd/TPHg/BTEX/MTBE SOIL ANALYTICAL RESULTS**

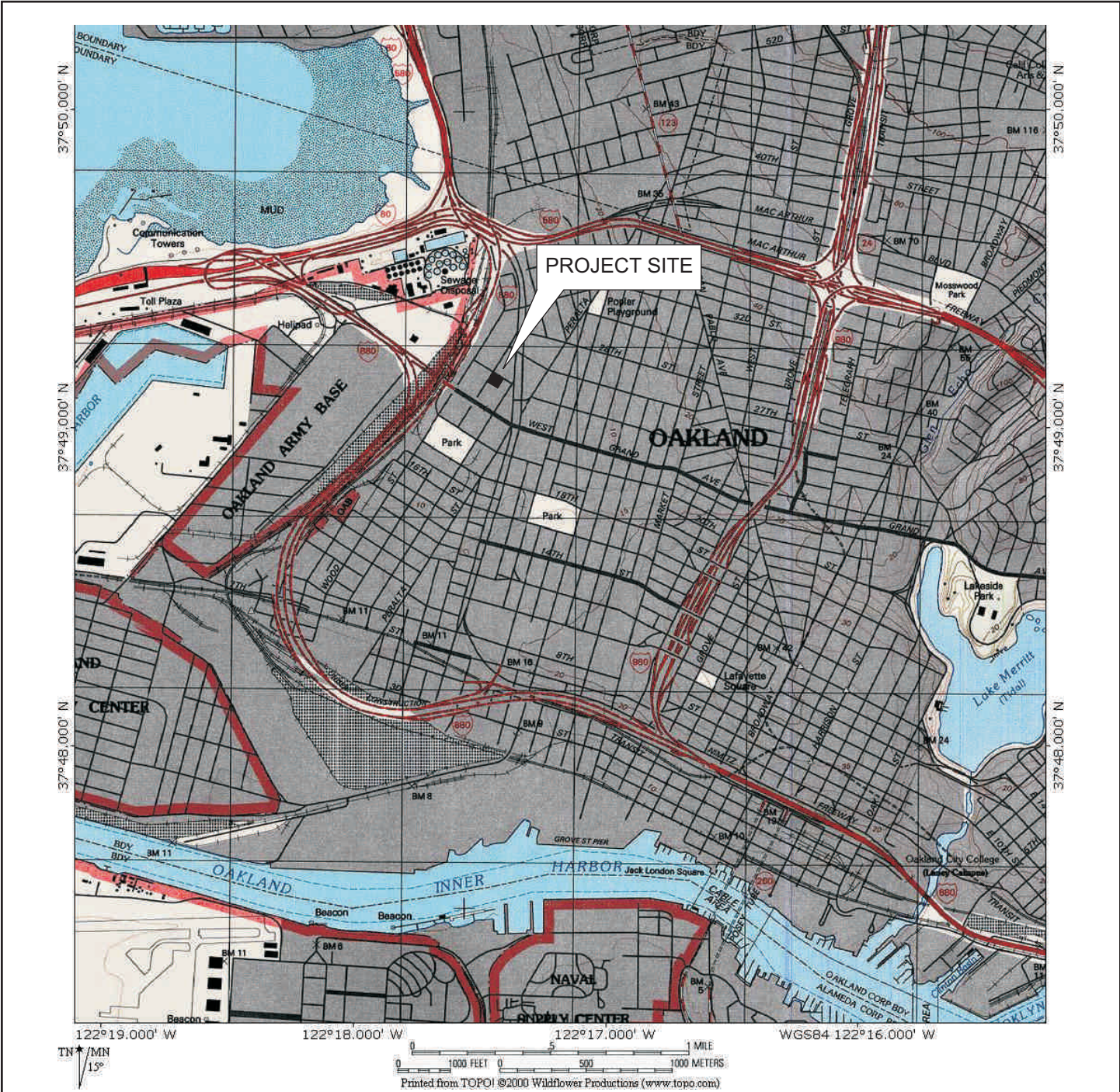
Sample Identification	Sample Depth	TPH as Diesel (mg/kg)	TPH as Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)
TB-17-7.5'	7.5 feet	<5.0	<0.50	<0.0050	<0.0050	<0.0050	<0.010	<0.020
TB-17-11.5'	11.5 feet	10	1.2	0.47	0.0070	0.0093	0.020	<0.020
TPH-18-7.5'	7.5 feet	<5.0	4.6	0.022	0.014	0.022	0.054	<0.020
TPH-18-11.5	11.5 feet	15	8.0	<0.0050	0.018	<0.0050	<0.010	<0.020
TPH-19-4.5'	4.5 feet	870	2,000	<0.0050	1.1	34	0.038	<0.020
TPH-19-7.5'	7.5 feet	<0.50	2.1	0.050	0.0071	0.19	0.56	0.24
TPH-20-3.5'	3.5 feet	5.6	17	0.042	0.029	0.24	0.022	<0.020
TPH-20-7.5'	7.5 feet	11	<0.50	<0.0050	<0.0050	<0.0050	<0.010	<0.020
Commercial ESL – groundwater is drinking water source		83	83	0.044	2.9	3.3	2.3	0.023
Commercial ESL – groundwater is not a drinking water source		150	450	0.26	29	33	100	8.4

**TABLE 2- TPHd/TPHg/BTEX/MTBE GROUNDWATER ANALYTICAL RESULTS**

Sample Identification	Sample Depth	TPH as Diesel (ug/L)	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)
TB-17-S	9.0 feet	800	3,100	0.028	<1.0	<1.0	<2.0	<4.0
TB-17-D	25.0 feet	<500	<50	<1.0	<1.0	<1.0	<2.0	<4.0
TPH-18-GW	9.0 feet	1,000	2,900	4.5	<1.0	<1.0	5.8	0.012
TPH-19-S	9.0 feet	24,000	38,000	78	<1.0	3,800	43	250
TPH-19-D	25.0 feet	<500	<50	<1.0	<1.0	<1.0	<2.0	<4.0
TPH-20-GW	9.0 feet	1,800	3,300	<1.0	4.0	51	<2.0	4.8
Commercial ESL – groundwater is a drinking water source		100	100	1.0	40	30	20	5.0
Commercial ESL – groundwater is not a drinking water source		2,500	5,000	540	400	300	5,300	1,800

<1.0 = Not detected above the expressed value.

ESL = Environmental screening levels for evaluation of commercial/industrial land use. Table A - groundwater is a current or potential drinking water source, and Table B – groundwater is not a current or potential drinking water source. 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.



Title: **Location Map  
1685 24th Street  
Oakland, California**

Figure Number: 1

Scale:

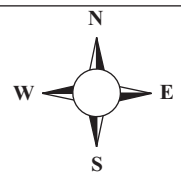
Project Number: 6871-001

Drawn By: MAR

Date: 07/20/2008

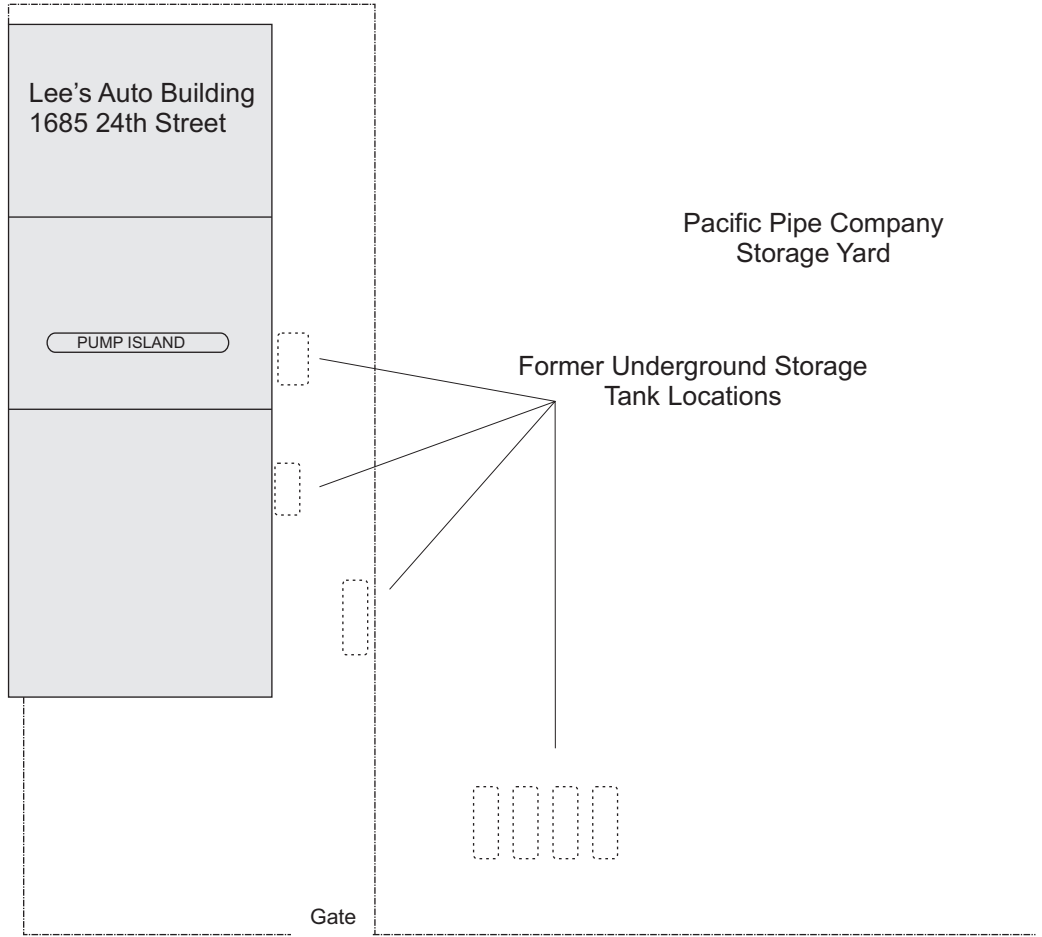


Northern California  
7977 Capwell Drive, Suite 100  
Oakland, CA 94621 (510) 638-2400


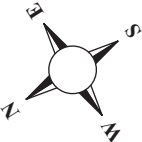


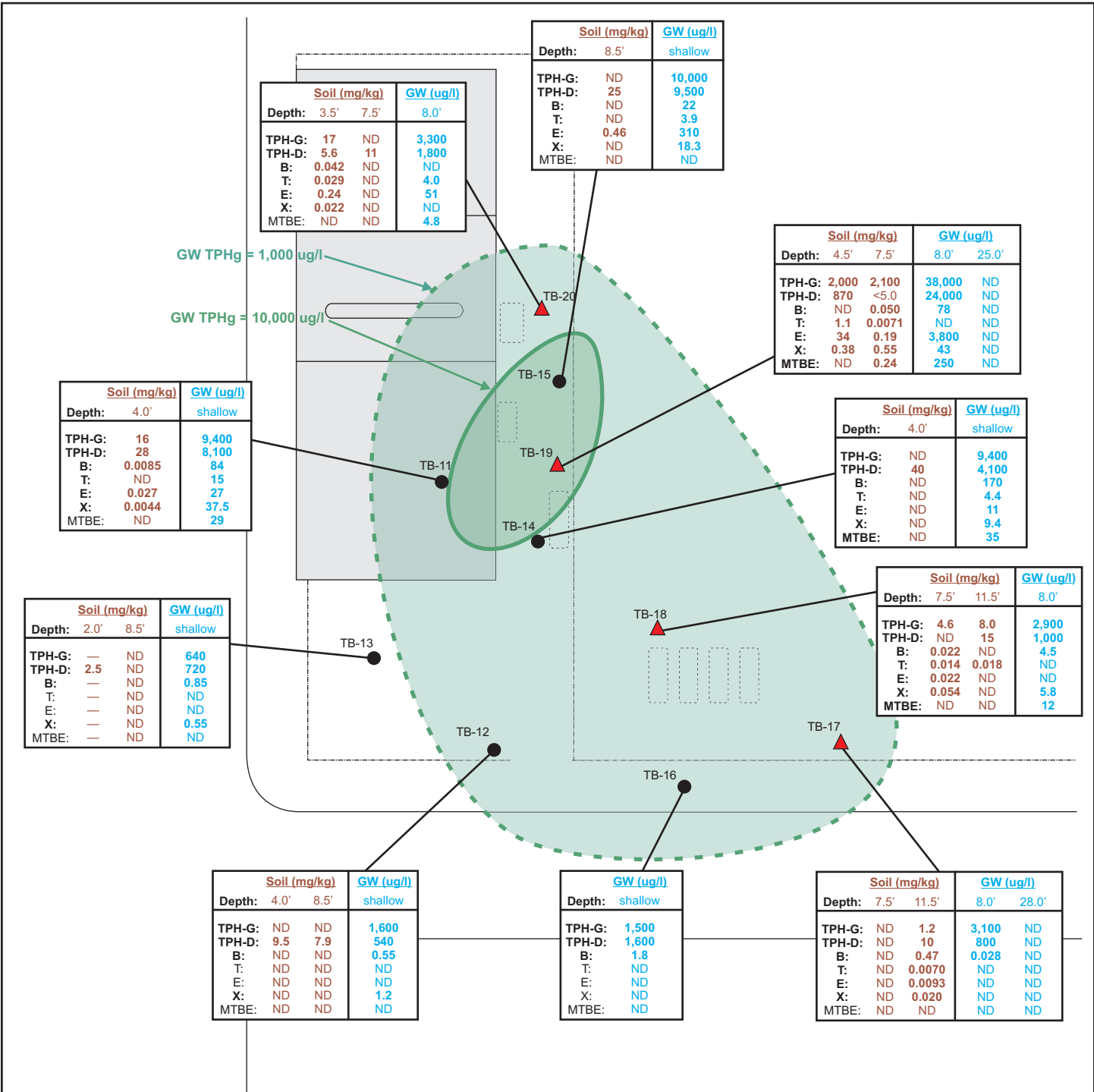


24th Street



Willow Street

Title: <b>Site Plan</b> <b>1685 24th Street</b> <b>Oakland, California</b>	
Figure Number: 2	Scale: 1" = 40'
Project Number: 6871-001	Drawn By: MAR
 Northern California 7977 Capwell Drive, Suite 100 Oakland, CA 94621 (510) 638-2400	Date: 07/20/2008
	



- ▲ - SOIL BORINGS DRILLED AND SAMPLED ON JULY 15, 2008
- - SOIL BORINGS DRILLED AND SAMPLED ON DECEMBER 15, 2006

Title: **Soil Boring Locations With Results  
1685 24th Street  
Oakland, California**

Figure Number: 3 | Scale: 1" = 40'  
Project Number: 6871-001 | Drawn By: MAR

Date: 07/20/2008

**A·C·C**  
ENVIRONMENTAL  
CONSULTANTS

Northern California  
7977 Capwell Drive, Suite 100  
Oakland, CA 94621 (510) 638-2400

# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 07/08/2008 By jamesy

Permit Numbers: W2008-0411  
Permits Valid from 07/15/2008 to 07/15/2008

Application Id: 1215493917743  
Site Location: 1685 24th Street  
Project Start Date: 07/15/2008  
Requested Inspection: 07/15/2008  
Scheduled Inspection: 07/15/2008 at 11:30 AM (Contact your inspector, Ron Smalley at (510) 670-5407, to confirm.)

City of Project Site:Oakland

Completion Date:07/15/2008

Applicant: Gribi Associates - Matthew Rosman  
1090 Adams Street, Suite K, Benicia, CA 94510  
Property Owner: Jabari Herbert  
1485 8th Street, oakland, CA 94607  
Client: \*\* same as Property Owner \*\*  
Contact: Matthew Rosman

Phone: 707-748-7743

Phone: --

Phone: 707-748-7743  
Cell: 707-718-8613

Receipt Number: WR2008-0235 Total Due: \$230.00  
Payer Name : Matthew Rosman Total Amount Paid: \$230.00  
Paid By: VISA PAID IN FULL

## Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 4 Boreholes  
Driller: Environmental Control Associates - Lic #: 695970 - Method: DP

Work Total: \$230.00

### Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0411	07/08/2008	10/13/2008	4	2.25 in.	35.00 ft

### Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

## **Alameda County Public Works Agency - Water Resources Well Permit**

5. Applicant shall contact Ron Smalley for an inspection time at 510-670-5407 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
  6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
  7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
-

BORING NUMBER : **TB-17**

# LOG OF SOIL BORING

SHEET 1 OF 1

BORING LOCATION: 1685 24TH STREET  
OAKLAND, CALIFORNIA

## ACC Environmental

DRILLING CONTRACTOR: ECA

DRILLING METHOD: DIRECT PUSH

BORING TYPE: SOIL BORING

BOREHOLE DIAMETER: 2.5 INCHES

PROJECT NAME: ACC 24th Street

COMPLETION METHOD: BORING

PROJECT NUMBER: 6871-001

START DATE: 7/15/2008

BORING TOTAL DEPTH: 30.0 FEET

COMPLETION DATE: 7/15/2008

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▲ - FINAL	USCS	LOG OF MATERIAL	
						DESCRIPTION	REMARKS
						0.0 - 1.0 ft.	Asphalt and base.
	GA-1-4.0'	4.0 FT.			SP	1.0 - 6.0 ft.	<b>Clayey Sand (SC)</b> Brown, moist, fine to medium grain sand, some fine grain gravel, no odor or staining.
10	GA-1-8.0'	8.0 FT.			OR	6.0 - 11.0 ft.	<b>Peat with Sand (Organic)</b> Fill material. Mostly organic, contains shell fragments, brick fragments, glass shards, moist, no odor or staining.
	GA-1-12.0'	12.0 FT.					
20	GA-1-16.0'	16.0 FT.			CL	11.0 - 28.0 ft.	<b>Clay (CL)</b> Bay Mud. dark grey becoming light grey, very soft becoming very stiff, slight sulfur/bay mud odor. Becomes brown sandy clay at 26 feet.
30					SC	28.0 - 30.0 ft.	<b>Clayey Sand (CL)</b> Brown, wet, fine grain, soft to medium stiff to stiff, no odor or staining.
						TOTAL DEPTH: 30.0 FEET (below ground surface)	
40							

# LOG OF SOIL BORING

SHEET 1 OF 1

BORING NUMBER : **TB-18**

BORING LOCATION: 1685 24TH STREET  
OAKLAND, CALIFORNIA

## ACC Environmental

DRILLING CONTRACTOR: ECA

DRILLING METHOD: DIRECT PUSH

BORING TYPE: SOIL BORING

BOREHOLE DIAMETER: 2.5 INCHES

PROJECT NAME: ACC 24th Street

COMPLETION METHOD: BORING

PROJECT NUMBER: 6871-001

START DATE: 7/15/2008

BORING TOTAL DEPTH: 12.0 FEET

COMPLETION DATE: 7/15/2008

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▲ - FINAL	USCS	LOG OF MATERIAL	
10					SC	1.0 - 12.0 ft. <b>Sand (SP)</b> Brown, fine grain, slightly silty, moist. Dark grey to black at 7.5 feet, slight hydrocarbon odor.	
20						TOTAL DEPTH: 12.0 FEET (below ground surface)	
30							
40							

# LOG OF SOIL BORING

BORING NUMBER : **TB-19**

BORING LOCATION: 1685 24TH STREET  
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ACC 24th Street

PROJECT NUMBER: 6871-001

## ACC Environmental

START DATE: 7/15/2008

COMPLETION DATE: 7/15/2008

DRILLING CONTRACTOR: ECA






DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: BORING

BORING TOTAL DEPTH: 27.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▲ - FINAL	USCS	LOG OF MATERIAL	
						Interval	Description
						0.0 - 1.0 ft.	Asphalt and base.
						1.0 - 3.0 ft.	<b>Silty Sand with Gravel (SP)</b> Fill material. Brown, fine to medium grain sand, fine gravel, moist, no odor or staining.
						3.0 - 5.0 ft.	<b>Sand (SP)</b> Olive-grey, very fine to fine grain, moist, no odor or staining.
10						5.0 - 20.0 ft.	<b>Clay (CL)</b> Bay Mud. dark grey becoming light grey, very soft becoming very stiff, slight sulfur/bay mud odor. Becomes brown sandy clay at 26 feet.
20						20.0 - 25.0 ft.	<b>Sandy Gravelly Clay (CL)</b> Brown, moist, fine to coarse grain sand, fine grain gravel, stiff to very stiff, no odor or staining.
						25.0 - 27.0 ft.	<b>Sand (SP)</b> Brown, wet, very fine grain becoming medium fine to medium grain, slightly silty - decreasing with depth, no odor or staining.
30						TOTAL DEPTH: 27.0 FEET (below ground surface)	
40							

# LOG OF SOIL BORING

BORING NUMBER : **TB-20**

BORING LOCATION: 1685 24TH STREET  
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ACC 24th Street

PROJECT NUMBER: 6871-001

## ACC Environmental

START DATE: 7/15/2008

COMPLETION DATE: 7/15/2008

DRILLING CONTRACTOR: ECA

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: BORING

BORING TOTAL DEPTH:

GROUNDWATER DEPTH: 10.0 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▲ - FINAL	USCS	LOG OF MATERIAL	
						1.0 - 4.0 ft. <b>Clay (CL)</b> Grey-brown, moist, stiff to very stiff, slightly silty, slightly sandy-very fine grain, slight hydrocarbon odor.	
10						4.0 - 12.0 ft. <b>Clay (CL)</b> Bay Mud. Grey, moist to wet, soft to medium stiff, no odor or staining.	
						TOTAL DEPTH: 12.0 FEET (below ground surface)	
20							
30							
40							



Gribi Associates  
1090 Adam Street, Suite K  
Benicia CA, 94510

Project: ACC-24th Street  
Project Number: [none]  
Project Manager: Jim Gribi

**Reported:**  
07/22/08 10:30

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-18-7.5'	T800924-02	Soil	07/15/08 08:55	07/16/08 10:00
TB-18-11.5'	T800924-03	Soil	07/15/08 09:00	07/16/08 10:00
TB-17-7.5'	T800924-05	Soil	07/15/08 09:25	07/16/08 10:00
TB-17-11.5'	T800924-06	Soil	07/15/08 09:30	07/16/08 10:00
TB-20-3.5'	T800924-08	Soil	07/15/08 10:55	07/16/08 10:00
TB-20-7.5'	T800924-09	Soil	07/15/08 11:00	07/16/08 10:00
TB-19-4.5'	T800924-12	Soil	07/15/08 11:30	07/16/08 10:00
TB-19-7.5'	T800924-13	Soil	07/15/08 11:20	07/16/08 10:00
TB-18-GW	T800924-15	Water	07/15/08 09:10	07/16/08 10:00
TB-17-S	T800924-16	Water	07/15/08 09:40	07/16/08 10:00
TB-17-D	T800924-17	Water	07/15/08 10:20	07/16/08 10:00
TB-19-D	T800924-18	Water	07/15/08 11:50	07/16/08 10:00
TB-19-S	T800924-19	Water	07/15/08 12:30	07/16/08 10:00
TB-20-GW	T800924-20	Water	07/15/08 12:40	07/16/08 10:00

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Project: ACC-24th Street  
Project Number: [none]  
Project Manager: Jim Gribi

**Reported:**  
07/22/08 10:30

**TB-18-7.5'**  
**T800924-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>4600</b>	500	ug/kg	1	8071609	07/16/08	07/16/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		142 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: p-Terphenyl</i>		110 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/16/08	EPA 8021B	
<b>Benzene</b>	<b>22</b>	5.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>14</b>	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>22</b>	5.0	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>54</b>	10	"	"	"	"	"	"	
<b>o-Xylene</b>	<b>ND</b>	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		147 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-18-11.5'**  
**T800924-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>8000</b>	500	ug/kg	1	8071609	07/16/08	07/16/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		146 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>15</b>	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	D-02
<i>Surrogate: p-Terphenyl</i>		109 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/16/08	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>18</b>	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		147 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-17-7.5'**  
**T800924-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

C6-C12 (GRO)	ND	500	ug/kg	1	8071609	07/16/08	07/16/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>146 %</i>	<i>72.6-146</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015C**

Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: p-Terphenyl</i>		<i>108 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/16/08	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>146 %</i>	<i>73.5-148</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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Albert Vargas, Senior Project Coordinator

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 1090 Adam Street, Suite K  
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Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-17-11.5'**  
**T800924-06 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>1200</b>	500	ug/kg	1	8071609	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		139 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>10</b>	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	D-02
<i>Surrogate: p-Terphenyl</i>		110 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/17/08	EPA 8021B	
<b>Benzene</b>	<b>470</b>	5.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>7.0</b>	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>9.3</b>	5.0	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>20</b>	10	"	"	"	"	"	"	
<b>o-Xylene</b>	<b>ND</b>	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		134 %	73.5-148		"	"	"	"	

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Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-20-3.5'**  
**T800924-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>17000</b>	500	ug/kg	1	8071609	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		133 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>5.6</b>	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	D-02
<i>Surrogate: p-Terphenyl</i>		110 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/17/08	EPA 8021B	
<b>Benzene</b>	<b>42</b>	5.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>29</b>	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>240</b>	5.0	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>22</b>	10	"	"	"	"	"	"	
<b>o-Xylene</b>	<b>ND</b>	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		129 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-20-7.5'**  
**T800924-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

C6-C12 (GRO)	ND	500	ug/kg	1	8071609	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		135 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>11</b>	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	D-02
<i>Surrogate: p-Terphenyl</i>		110 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/17/08	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		130 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-19-4.5'**  
**T800924-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>200000</b>	120000	ug/kg	250	8071609	07/16/08	07/18/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>870</b>	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: p-Terphenyl</i>		109 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/17/08	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>1100</b>	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>34000</b>	1200	"	250	"	"	07/18/08	"	
m,p-Xylene	ND	10	"	1	"	"	07/17/08	"	
<b>o-Xylene</b>	<b>380</b>	5.0	"	"	"	"	07/17/08	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.2 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator



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 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-19-7.5'**  
**T800924-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>2100</b>	500	ug/kg	1	8071609	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		128 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	8071606	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: p-Terphenyl</i>		112 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	20	ug/kg	1	8071608	07/16/08	07/17/08	EPA 8021B	
<b>Benzene</b>	<b>50</b>	5.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>7.1</b>	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>190</b>	5.0	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>310</b>	10	"	"	"	"	"	"	
<b>o-Xylene</b>	<b>240</b>	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		122 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-18-GW**  
**T800924-15 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>2900</b>	50	ug/l	1	8071610	07/16/08	07/16/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		142 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>1.0</b>	0.50	mg/l	1	8071612	07/16/08	07/17/08	EPA 8015C	D-08
<i>Surrogate: p-Terphenyl</i>		77.3 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

<b>Methyl tert-butyl ether</b>	<b>12</b>	4.0	ug/l	1	8071611	07/16/08	07/16/08	EPA 8021B	
<b>Benzene</b>	<b>4.5</b>	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>5.8</b>	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		139 %	73.5-148		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-17-S**  
**T800924-16 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>3100</b>	50	ug/l	1	8071610	07/16/08	07/16/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		143 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>0.80</b>	0.50	mg/l	1	8071612	07/16/08	07/17/08	EPA 8015C	D-08
<i>Surrogate: p-Terphenyl</i>		94.6 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	4.0	ug/l	1	8071611	07/16/08	07/16/08	EPA 8021B	
<b>Benzene</b>	<b>28</b>	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		142 %	73.5-148		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-17-D**  
**T800924-17 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

C6-C12 (GRO)	ND	50	ug/l	1	8071610	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>131 %</i>	<i>72.6-146</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015C**

Diesel Range Hydrocarbons	ND	0.50	mg/l	1	8071612	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: p-Terphenyl</i>		<i>80.0 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	4.0	ug/l	1	8071611	07/16/08	07/16/08	EPA 8021B	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>145 %</i>	<i>73.5-148</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-19-D**  
**T800924-18 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

C6-C12 (GRO)	ND	50	ug/l	1	8071610	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>137 %</i>	<i>72.6-146</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015C**

Diesel Range Hydrocarbons	ND	0.50	mg/l	1	8071612	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: p-Terphenyl</i>		<i>85.5 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Volatile Organic Compounds by EPA Method 8021B**

Methyl tert-butyl ether	ND	4.0	ug/l	1	8071611	07/16/08	07/16/08	EPA 8021B	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>147 %</i>	<i>73.5-148</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-19-S**  
**T800924-19 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>38000</b>	1200	ug/l	25	8071610	07/16/08	07/17/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>24</b>	0.50	mg/l	1	8071612	07/16/08	07/17/08	EPA 8015C	D-08
<i>Surrogate: p-Terphenyl</i>		78.5 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

<b>Methyl tert-butyl ether</b>	<b>250</b>	4.0	ug/l	1	8071611	07/16/08	07/16/08	EPA 8021B	
<b>Benzene</b>	<b>78</b>	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>3800</b>	25	"	25	"	"	07/17/08	"	
<b>m,p-Xylene</b>	<b>43</b>	2.0	"	1	"	"	07/16/08	"	
<b>o-Xylene</b>	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		147 %	73.5-148		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**TB-20-GW**  
**T800924-20 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015C**

<b>C6-C12 (GRO)</b>	<b>3300</b>	50	ug/l	1	8071610	07/16/08	07/16/08	EPA 8015C	
<i>Surrogate: 4-Bromofluorobenzene</i>		146 %	72.6-146		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015C**

<b>Diesel Range Hydrocarbons</b>	<b>1.8</b>	0.50	mg/l	1	8071612	07/16/08	07/17/08	EPA 8015C	D-08
<i>Surrogate: p-Terphenyl</i>		90.1 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

<b>Methyl tert-butyl ether</b>	<b>4.8</b>	4.0	ug/l	1	8071611	07/16/08	07/16/08	EPA 8021B	
Benzene	ND	1.0	"	"	"	"	"	"	
<b>Toluene</b>	<b>4.0</b>	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>51</b>	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		147 %	73.5-148		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 8071609 - EPA 5030 GC**

**Blank (8071609-BLK1)**

Prepared & Analyzed: 07/16/08

Surrogate: 4-Bromofluorobenzene	706		ug/kg	500		141	72.6-146			
C6-C12 (GRO)	ND	500	"							

**LCS (8071609-BS1)**

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: 4-Bromofluorobenzene	725		ug/kg	500		145	72.6-146			
C6-C12 (GRO)	16300	500	"	13800		118	75-125			

**Matrix Spike (8071609-MS1)**

Source: T800924-03

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: 4-Bromofluorobenzene	719		ug/kg	500		144	72.6-146			
C6-C12 (GRO)	22400	500	"	13800	8040	104	65-135			

**Matrix Spike Dup (8071609-MSD1)**

Source: T800924-03

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: 4-Bromofluorobenzene	729		ug/kg	500		146	72.6-146			
C6-C12 (GRO)	21600	500	"	13800	8040	98.5	65-135	3.63	20	

**Batch 8071610 - EPA 5030 GC**

**Blank (8071610-BLK1)**

Prepared & Analyzed: 07/16/08

Surrogate: 4-Bromofluorobenzene	231		ug/l	200		116	72.6-146			
C6-C12 (GRO)	ND	50	"							

**LCS (8071610-BS1)**

Prepared & Analyzed: 07/16/08

Surrogate: 4-Bromofluorobenzene	264		ug/l	200		132	72.6-146			
C6-C12 (GRO)	6710	50	"	5500		122	75-125			

**LCS Dup (8071610-BSD1)**

Prepared & Analyzed: 07/16/08

Surrogate: 4-Bromofluorobenzene	272		ug/l	200		136	72.6-146			
C6-C12 (GRO)	6550	50	"	5500		119	75-125	2.37	20	

SunStar Laboratories, Inc.



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Albert Vargas, Senior Project Coordinator



Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**Extractable Petroleum Hydrocarbons by 8015C - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 8071606 - EPA 3550B GC**

**Blank (8071606-BLK1)**

Prepared & Analyzed: 07/16/08

Surrogate: <i>p</i> -Terphenyl	94.3		mg/kg	100		94.3	65-135			
Diesel Range Hydrocarbons	ND	5.0	"							

**LCS (8071606-BS1)**

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: <i>p</i> -Terphenyl	110		mg/kg	100		110	65-135			
Diesel Range Hydrocarbons	510	5.0	"	500		101	75-125			

**Matrix Spike (8071606-MS1)**

Source: T800924-02

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: <i>p</i> -Terphenyl	115		mg/kg	100		115	65-135			
Diesel Range Hydrocarbons	510	5.0	"	500	ND	102	75-125			

**Matrix Spike Dup (8071606-MSD1)**

Source: T800924-02

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: <i>p</i> -Terphenyl	111		mg/kg	100		111	65-135			
Diesel Range Hydrocarbons	520	5.0	"	500	ND	103	75-125	1.12	20	

**Batch 8071612 - EPA 3510C GC**

**Blank (8071612-BLK1)**

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: <i>p</i> -Terphenyl	3.50		mg/l	4.00		87.6	65-135			
Diesel Range Hydrocarbons	ND	0.50	"							

**LCS (8071612-BS1)**

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: <i>p</i> -Terphenyl	3.38		mg/l	4.00		84.4	65-135			
Diesel Range Hydrocarbons	15.6	0.50	"	20.0		78.0	75-125			

**LCS Dup (8071612-BSD1)**

Prepared: 07/16/08 Analyzed: 07/17/08

Surrogate: <i>p</i> -Terphenyl	3.56		mg/l	4.00		89.1	65-135			
Diesel Range Hydrocarbons	16.4	0.50	"	20.0		82.1	75-125	5.11	20	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**Volatile Organic Compounds by EPA Method 8021B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 8071608 - EPA 5030 GC**

**Blank (8071608-BLK1)**

Prepared & Analyzed: 07/16/08

<i>Surrogate: 4-Bromofluorobenzene</i>	687		ug/kg	500		137	73.5-148			
Methyl tert-butyl ether	ND	20	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							

**LCS (8071608-BS1)**

Prepared: 07/16/08 Analyzed: 07/17/08

<i>Surrogate: 4-Bromofluorobenzene</i>	539		ug/kg	500		108	73.5-148			
Benzene	286	5.0	"	250		114	70-130			
Toluene	281	5.0	"	250		112	70-130			
Ethylbenzene	286	5.0	"	250		114	70-130			
m,p-Xylene	578	10	"	500		116	70-130			
o-Xylene	286	5.0	"	250		114	70-130			

**Matrix Spike (8071608-MS1)**

Source: T800924-03

Prepared: 07/16/08 Analyzed: 07/17/08

<i>Surrogate: 4-Bromofluorobenzene</i>	634		ug/kg	500		127	73.5-148			
Benzene	320	5.0	"	250	ND	128	70-130			
Toluene	312	5.0	"	250	17.7	118	70-130			
Ethylbenzene	297	5.0	"	250	ND	119	70-130			
m,p-Xylene	582	10	"	500	ND	116	70-130			
o-Xylene	303	5.0	"	250	ND	121	70-130			

**Matrix Spike Dup (8071608-MSD1)**

Source: T800924-03

Prepared: 07/16/08 Analyzed: 07/17/08

<i>Surrogate: 4-Bromofluorobenzene</i>	627		ug/kg	500		125	73.5-148			
Benzene	308	5.0	"	250	ND	123	70-130	3.76	20	
Toluene	306	5.0	"	250	17.7	115	70-130	1.97	20	
Ethylbenzene	291	5.0	"	250	ND	117	70-130	2.01	20	
m,p-Xylene	579	10	"	500	ND	116	70-130	0.509	20	
o-Xylene	300	5.0	"	250	ND	120	70-130	1.17	20	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
 1090 Adam Street, Suite K  
 Benicia CA, 94510

Project: ACC-24th Street  
 Project Number: [none]  
 Project Manager: Jim Gribi

**Reported:**  
 07/22/08 10:30

**Volatile Organic Compounds by EPA Method 8021B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 8071611 - EPA 5030 GC**

**Blank (8071611-BLK1)**

Prepared & Analyzed: 07/16/08

<i>Surrogate: 4-Bromofluorobenzene</i>	257		ug/l	200		129	73.5-148			
Methyl tert-butyl ether	ND	4.0	"							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							

**LCS (8071611-BS1)**

Prepared & Analyzed: 07/16/08

<i>Surrogate: 4-Bromofluorobenzene</i>	292		ug/l	200		146	73.5-148			
Benzene	126	1.0	"	100		126	70-130			
Toluene	123	1.0	"	100		123	70-130			
Ethylbenzene	125	1.0	"	100		125	70-130			
m,p-Xylene	253	2.0	"	200		127	70-130			
o-Xylene	129	1.0	"	100		129	70-130			

**LCS Dup (8071611-BSD1)**

Prepared & Analyzed: 07/16/08

<i>Surrogate: 4-Bromofluorobenzene</i>	278		ug/l	200		139	73.5-148			
Benzene	126	1.0	"	100		126	70-130	0.239	20	
Toluene	125	1.0	"	100		125	70-130	1.71	20	
Ethylbenzene	125	1.0	"	100		125	70-130	0.0987	20	
m,p-Xylene	252	2.0	"	200		126	70-130	0.346	20	
o-Xylene	129	1.0	"	100		129	70-130	0.237	20	

SunStar Laboratories, Inc.

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Albert Vargas, Senior Project Coordinator

Gribi Associates  
1090 Adam Street, Suite K  
Benicia CA, 94510

Project: ACC-24th Street  
Project Number: [none]  
Project Manager: Jim Gribi

**Reported:**  
07/22/08 10:30

### Notes and Definitions

D-08 Results in the diesel organics range are primarily due to overlap from a gasoline range product.

D-02 Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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SunStar Laboratories, Inc.

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---

Albert Vargas, Senior Project Coordinator

SunStar Laboratories, Inc.  
 3002 Dow Ave, Suite 212  
 Tustin, CA 92780  
 1-800-781-6777

### Chain of Custody Record

Client: **GRIBI ASSOCIATES**  
 Address: **1090 ADAMS STREET, SUITE K**  
 Phone: **(707) 748-7743** Fax: **(707) 748-7763**  
 Project Manager: **JAMES GRIBI**

Date: **7/15/2008** Page: **1** of **3**  
 Project Name: **ACC-24<sup>th</sup> Street**  
 Collector: **MATTHEW ROSMAN** Client Project #:  
 Batch #: **T800924** Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)	Laboratory ID #	Preservative	Comments	Total # of containers
TB-18-3.5'	7/15	0850	Soil	tube	X	X										01		HOLD	1
TB-18-7.5'		0855			X	X										02			1
TB-18-11.5'		0900			X	X										03			1
TB-17-3.5'		0920			X	X										04		HOLD	1
TB-17-7.5'		0925			X	X										05			1
TB-17-11.5'		0930			X	X										06			1
TB-17-15.5'		0945			X	X										07		HOLD	1
TB-20-3.5'		1055			X	X										08			1
TB-20-7.5'		1100			X	X										09			1
TB-20-11.5'		1105			X	X										10		HOLD	1

Relinquished by: (signature) <i>[Signature]</i>	Date / Time 7/15/08 1605	Received by: (signature) <i>[Signature]</i>	Date / Time 7/15 1605
Relinquished by: (signature) GSO	Date / Time 7/16/08 10:00	Received by: (signature) <i>[Signature]</i>	Date / Time 7/16/08 10:00
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers \_\_\_\_\_  
 Chain of Custody seals Y/N/NA \_\_\_\_\_  
 Seals intact? Y/N/NA \_\_\_\_\_  
 Received good condition/cold \_\_\_\_\_  
 Turn around time: \_\_\_\_\_

Notes  
**STD. TAT**  
 7-16-08 *[Signature]*

SunStar Laboratories, Inc.  
 3002 Dow Ave, Suite 212  
 Tustin, CA 92780  
 1-800-781-6777

### Chain of Custody Record

Client: **GRIBI ASSOCIATES**  
 Address: **1090 ADAMS STREET, SUITE K**  
 Phone: **(707) 748-7743** Fax: **(707) 748-7763**  
 Project Manager: **JAMES GRIBI**

Date: 7/15/2008 Page: 2 of 3  
 Project Name: ACC-24th Street  
 Collector: **MATTHEW ROSMAN** Client Project #:  
 Batch #: T800925 Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)	Laboratory ID #	Preservative	Comments	Total # of containers
TB-19-3.5'	7/15	1115	Soil	tube	X	X												HOLD	
TB-19-4.5'		1130		jar	X	X													
TB-19-7.5'		1120		tube	X	X													
TB-19-11.5'		1125		tube	X	X												HOLD	

Relinquished by: (signature) <i>[Signature]</i>	Date / Time 7/15/08 1605	Received by: (signature) <i>[Signature]</i>	Date / Time 7/15/08 1605
Relinquished by: (signature) GSO	Date / Time 7/16/08 10:00	Received by: (signature) <i>[Signature]</i>	Date / Time 7/16/08 10:00
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers  
 Chain of Custody seals Y/N/NA  
 Seals intact? Y/N/NA  
 Received good condition/cold  
 Turn around time:

Notes  
**STD. TAT**  
7-16-08

Sample disposal instructions: Disposal @ \$2.00 each \_\_\_\_\_ Return to client \_\_\_\_\_ Pickup \_\_\_\_\_

SunStar Laboratories, Inc.  
 3002 Dow Ave, Suite 212  
 Tustin, CA 92780  
 1-800-781-6777

### Chain of Custody Record

Client: **GRIBI ASSOCIATES**  
 Address: **1090 ADAMS STREET, SUITE K**  
 Phone: **(707) 748-7743** Fax: **(707) 748-7763**  
 Project Manager: **JAMES GRIBI**

Date: **7/15/2008** Page: **3** Of **3**  
 Project Name: **ACC. 24th Street**  
 Collector: **MATTHEW ROSMAN** Client Project #:  
 Batch #: **T800924** Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)	Laboratory ID #	Preservative	Comments	Total # of containers	
TB-18-GW	7/15	0910	Water	VOL	X	X										01	15		444	
TB-17-S		0940			X	X										02	16			
TB-17-D		1020			X	X										03	17			
TB-19-D		1150			X	X										04	18			
TB-19-S		1230			X	X										05	19			
<del>TB-19-D</del>																				
TB-20-GW		1240			X	X										06	20			3

Relinquished by: (signature) <i>MTR</i>	Date / Time 7/15/08 1605	Received by: (signature) <i>[Signature]</i>	Date / Time 7/15 1605
Relinquished by: (signature) <i>[Signature]</i>	Date / Time 7-16-08 10:00	Received by: (signature) <i>[Signature]</i>	Date / Time 7-16-08 10:00
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers  
 Chain of Custody seals Y/N/NA  
 Seals intact? Y/N/NA  
 Received good condition/cold  
 Turn around time: \_\_\_\_\_

Notes  
**STD. TAT**  
 7-16-08 *[Signature]*

Sample disposal Instructions: Disposal @ \$2.00 each \_\_\_\_\_ Return to client \_\_\_\_\_ Pickup \_\_\_\_\_