REMEDIAL INVESTIGATION REPORT AND WORKPLAN TO CONDUCT OZONE INJECTION PILOT TEST

Former St. Francis Pie Shop UST Site
1125 67th Street
Oakland, California

ACDEH Fuel Leak Case No.: RO0002602
GA Project No. 320-01-01

Prepared for:

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May 10, 2007

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May 10, 2007

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
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Attention: Barney Chan

Subject: Remedial Investigation Report and Workplan
To Conduct Ozone Injection Pilot Test
Former St. Francis Pie Shop UST Site
1173 28th Street, Oakland, California
GA Project No. 320-01-01

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Remedial Investigation (RI) report on behalf of Mr. John Buschini for the former St. Francis Pie Shop underground storage tank (UST) site located at 1125 67th Street in Oakland, California. This report documents the completion of a Remedial Investigation (RI) and includes a workplan to conduct an ozone injection pilot test at the site. The goal of these activities has been to move this site towards regulatory closure as quickly as possible.

We appreciate the opportunity to present this report for your review. Please call if you have any questions or require additional information.

Very truly yours,

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Project Engineer

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EXECUTIVE SUMMARY

Gribi Associates is pleased to submit this Remedial Investigation (RI) report on behalf of Mr. John Buschini for the former St. Francis Pie Shop underground storage tank (UST) site located at 1125 67th Street in Oakland, California. This report documents the completion of a Remedial Investigation (RI) and includes a workplan to conduct an ozone injection pilot test at the site. The RI included the drilling and sampling of 12 investigative soil borings on the site, and the drilling, installation and sampling of five groundwater monitoring wells on the site. The goal of these activities has been to move this site towards regulatory closure as quickly as possible.

On December 18 and 19, 2007, twelve soil borings (B-8 through B-19) were drilled and sampled at the project site. Based on the results of the soil boring investigation, five shallow groundwater monitoring wells, MW-1 through MW-5, were installed at the project site on February 26, 2007. The five wells were purged and sampled on March 8, 2007.

Based on results of this and previous investigations, we conclude the following relative to hydrocarbon impacts on the project site:

- Soil hydrocarbon impacts appear to be: (1) Limited vertically to shallow soils, between approximately seven feet and 11 feet in depth; and (2) Limited laterally to the former UST area and adjacent east McDonald's parking lot parcel. The highest TPH-G concentration in soil on the project site was 620 mg/kg in a soil sample collected at 5.0 feet in depth in previous TEC/Accutite boring B-3, located near the south end of the former project site UST. This sample, as well as almost all other samples, showed no detectable concentrations of benzene.

- Shallow groundwater (above 20 feet in depth) in the former project site UST area is impacted primarily with MTBE only. Although groundwater flow direction beneath the site is to the west-southwest, the presence of shallow sands extending eastward and southward from the east side of the project site appears to have resulted in some preferential eastward and southward migration of MTBE onto the east adjacent McDonald's site. However, overall, the shallow groundwater MTBE impacts are concentrated in the former project site UST area, and do not extend a significant distance east, south, or west from the former project site UST. The highest groundwater MTBE impact was encountered in well MW-1, located within the former UST excavation cavity, which showed 2,000 ug/l of MTBE and 1,400 ug/l of TBA (an MTBE breakdown product).

- Elevated TPH-G, TPH-D, ethylbenzene, and xylenes encountered in the shallow groundwater sample from McDonald's property boring B-19 appear to have originated from the former gas station on the McDonald's property. The groundwater sample from B-19, which is located approximately 70 feet southeast from the former project site UST, showed TPH-G and TPH-D concentrations of 29,000 ug/l and 3,500 ug/l, respectively. On the other hand, the groundwater sample from boring B-16, located only 20 feet southeast from the former project site UST, showed TPH-G and TPH-D concentrations of

only 2,100 ug/l and 960 ug/l, respectively. Also, the groundwater sample from boring B-18, located only 30 feet east-southeast from the former project site UST, showed TPH-G and TPH-D concentrations of only 4,100 ug/l and 330 ug/l, respectively.

- Based on results from the previous TEC/Accutite investigation, it appears that deeper (below 24 feet in depth) soil and groundwater hydrocarbon and MTBE impacts are relatively low, indicating minimal downward MTBE migration. The highest deeper groundwater MTBE impacts were in TEC/Accutite borings B-5 and B-7, which showed MTBE concentrations of 460 ug/l and 340 ug/l, respectively.

In summary, investigative results indicate that: (1) MTBE is the primary contaminant of concern relative to the project site UST; (2) MTBE is limited primarily to shallow groundwater in the immediate source area (adjacent to the former UST), with minimal downgradient (west-southwest) and crossgradient (east and south) migration; and (3) Some TPH-G and TPH-D hydrocarbon impacts are present on the adjacent east McDonald's parcel which are not related to the project site UST system. In order to move this site towards regulatory closure, we recommend remediating shallow groundwater MTBE impacts in the immediate UST source area, while allowing diffuse, low level downgradient and crossgradient MTBE groundwater impacts to naturally attenuate over time.

Options for remediation of source area groundwater MTBE impacts could include: (1) No action, relying on natural attenuation of MTBE over time; (2) Dual-phase (groundwater and soil vapor) extraction (DPE); or (3) Chemical oxidation (ozone or hydrogen peroxide injection). The first option (no action, or natural attenuation), while relatively low cost, could take several years to obtain regulatory closure. The second option (dual-phase extraction), while more aggressive (quicker time to closure) than no action, would be more costly and difficult to implement than chemical oxidation. For the third option (chemical oxidation), we would recommend ozone injection, rather than peroxide injection. Ozone injection is relatively low cost and has been shown to be very effective in remediating MTBE groundwater impacts. The primary potential difficulty with ozone injection would be due to low permeability soils, which could require high injection pressures and result in small radii of influence around the injection wells.

In order to assess the effectiveness of ozone injection at the project site, we recommend conducting an ozone injection pilot test at the site. Ozone injection is a preferred technology to DPE, particularly for dissolved hydrocarbon groundwater impacts, because: (1) Installation and operating costs (energy consumption, O&M, and permitting) are relatively low; and (2) Ozone injection destroys hydrocarbon contaminants in-place, thus eliminating the additional permitting, treatment, and disposal costs associated with DPE remediation.

The ozone injection remediation pilot test proposed herein will include: (1) Installation of four injection wells; (2) Installation of remediation equipment and connection of delivery tubing from equipment to injection wells; (3) Operation of ozone injection system for approximately four months; (4) Monitoring of remediation effectiveness; and (5) Preparation of report documenting results from the pilot test activities.

1.0 INTRODUCTION

Gribi Associates is pleased to submit this Remedial Investigation (RI) report on behalf of Mr. John Buschini for the former St. Francis Pie Shop underground storage tank (UST) site located at 1125 67th Street in Oakland, California. This report documents the completion of a Remedial Investigation (RI) and includes a workplan to conduct an ozone injection pilot test at the site. The goal of these activities has been to move this site towards regulatory closure as quickly as possible.

1.1 Scope of Work

Gribi Associates was contracted by Mr. John Buschini to conduct the following scope of work.

- **Task 1 Conduct prefield activities.**
- **Task 2 Drill and sample 12 soil borings.**
- **Task 3 Drill, install, and sample five groundwater monitoring wells.**
- **Task 4 Conduct laboratory analyses.**
- **Task 5 Prepare RI report and Corrective Action Plan.**

These tasks were conducted in accordance with the approved workplan and with generally accepted sampling guidelines and protocols.

1.2 Limitations

The services provided under this contract as described in this report include professional opinions and judgments based on data collected. These services have been provided according to generally accepted environmental protocol. The opinions and conclusions contained in this report are typically based on information obtained from:

1. Observations and measurements made by our field staff.
2. Contacts and discussions with regulatory agencies and others.
3. Review of available hydrogeologic data.

2.0 SITE BACKGROUND

2.1 General Site Description

The project site is located on the south side of 67th Street, just west of San Pablo Avenue, in Oakland, California (see Figure 1 and Figure 2). The site is occupied by a rectangular concrete block warehouse building that measures approximately 150 feet by 90 feet and covers almost the entire site. A small yard area and detached building are present on the northeast side of the site. The project site is bounded on the east by a McDonald's Restaurant and parking lot, on the south by Fratallanza Club parking lot, on the west by single family residences, and on the north by 67th Street, followed by a large storage warehouse. Groundwater is present beneath the site at

approximately seven feet below surface grade and would be expected to flow in a west-southwesterly direction towards San Francisco Bay.

2.2 Site History

Sanborn Fire Insurance Maps for the site area show the project site parcel as vacant on the 1903 and 1911 maps. The 1950 and 1952 maps show the project site parcel, as well as the adjacent east parcel, to include a large building labeled as "Sealy Mattress Factory". The 1967 map shows the project site building, labeled as "Industrial Gas Vaporizor Factory". On the 1967 map, the east adjacent parcel, at 6645 San Pablo Avenue, is labeled as "Gas & Oil", signifying a gas station, and contains a shop building adjacent to the project site yard area and a canopy further east adjacent to San Pablo Avenue.

Based on information on the Sanborn Maps, it appears that the project site parcel and the east adjacent parcel (6699 San Pablo Avenue) were occupied by a mattress factory in the early 1950s. Historical city directories list the 6699 San Pablo Avenue address as Charles Braun Mattress Company in 1933 and as Sealy Mattress Company in directories from 1938 to 1950. These results indicate that the project site building was occupied by a mattress company from at least 1933 to 1952.

The 1125 67th Street project site address is listed in city directories as Ransome Torch & Burner Company from at least 1962 to 1970, and as St. Francis Pie Shop from at least 1980 to 2000.

In the 1967 city directory only, Enco Service Station is listed at 6645 San Pablo Avenue, immediately east from the project site. In the 1970 and subsequent directories, McDonald's Hamburgers is listed at 6625 San Pablo Avenue, immediately southeast from the project site.

2.3 Project Site Environmental Conditions

In December 2003, TEC Accutite removed one 10,000-gallon gasoline underground storage tank (UST) and associated piping from the northeast site yard area. The UST was constructed of fiberglass. Soil samples collected following removal activities showed no significant levels of Total Petroleum Hydrocarbons as Gasoline (TPH-G) or Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) constituents, but did show detectable concentrations of Methyl-tert-butyl Ether (MTBE).

Based on the UST removal results, the UST excavation cavity was overexcavated and groundwater was removed from the excavation cavity between February and May 2004. Approximately 5,000 gallons of hydrocarbon-impacted groundwater was removed from the excavation cavity, and approximately 417 tons of soil from the UST excavation and 86 tons of soil from the former fuel dispenser island and piping trench were removed for offsite disposal. Confirmatory soil samples collected following soil and groundwater removal activities showed MTBE concentrations ranging from approximately 2 milligrams per kilogram (mg/kg) to 10 mg/kg in the former UST overexcavation cavity sidewalls, as well as below the former piping trench and the former fuel dispenser area.

In October 2005, TEC Accutite drilled and sampled seven direct-push soil borings, B1 through B-7 at the site (see Figure 2 and Figure 3). Results of this investigation were reported in

Preliminary Site Assessment Report (November 14, 2005). Soil borings were drilled to approximately 30 feet in depth, and selected soil and grab groundwater samples were analyzed for TPH-G, BTEX, and Fuel Additives (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, 1,2-EDB, and Ethanol). Soils in the seven borings generally consisted of clays and silty clays, with relatively thin and discontinuous silts and silty sands below 20 feet in depth. According to the TEC Accutite boring logs, groundwater was generally first encountered in the borings in the deeper sand layers, and then rose in the borings to approximately seven feet in depth. Results from this investigation seem to show a relatively small, concentrated MTBE groundwater plume extending west, and possibly southeast, from the former site UST system.

On May 24, 2006, the Alameda County Department of Environmental Health (ACDEH) issued a letter requesting a workplan to conduct additional site characterization activities. Gribi Associates submitted a workplan to ACDEH on June 24, 2006 proposing: (1) The drilling and sampling of approximately 12 investigative soil borings to first encountered groundwater; (2) The installation and sampling of approximately five shallow groundwater monitoring wells on the site; and (3) The preparation of a Remedial Investigation report and a Corrective Action Plan (CAP) for the site. This workplan was approved by ACDEH on October 2, 2006. In addition, after completing soil boring activities, Gribi Associates submitted a summary to ACDEH in early February 2007. This summary also included proposed locations for the five previously-approved groundwater monitoring wells. The proposed well locations were approved by ACDEH on February 16, 2007.

2.4 McDonald's Restaurant Environmental Conditions

The adjacent east property is occupied by a McDonald's Restaurant, with parking immediately east from the site and the restaurant building southeast from the project site. A gas station occupied the current parking lot area, directly east from the project site, in the mid to late 1960s.

According to information contained in ACDEH files, a geotechnical investigation was conducted on the east adjacent McDonald's parking lot parcel in September 1996 by Kleinfelder. This investigation included the drilling and sampling of four soil borings. In February 1997, five additional borings were drilled and sampled on the McDonald's parcel by Kleinfelder. Soil and grab groundwater samples from these borings showed gasoline and diesel range hydrocarbon impacts in soil and groundwater over the entire site, with the highest concentrations in borings on the west side of the McDonald's parcel, immediately adjacent to the project site.

In July 1998, Baseline Environmental Consulting conducted a passive soil gas survey of the adjacent McDonald's parking lot parcel. The investigation included the installation of 31 shallow samplers in a grid pattern over the site. Results from this investigation showed elevated gasoline-range soil gas concentrations on the center of the adjacent McDonald's parking lot parcel

In January 1999, Baseline Environmental Consulting installed three shallow groundwater monitoring wells, MW-1A, MW-2A, and MW-3A, and two deeper well, MW-1B and MW-3B. Groundwater samples from the shallow wells MW-1A and MW-2A showed relatively high levels of gasoline range hydrocarbons east and southeast, respectively, from the project site. Groundwater gradient beneath the adjacent McDonald's parcel seems to be to the southwest.

3.0 DESCRIPTION OF SOIL BORING ACTIVITIES

On December 18 and 19, 2007, twelve soil borings (B-8 through B-19) were drilled and sampled at the project site. All drilling activities were conducted by Gregg Drilling, a licensed C-57 driller (License No. 485165), who was overseen and under the direction of a qualified Gribi Associates representative. All soil boring activities were conducted in accordance with the Alameda County Department of Environmental Health (ACDEH) approved *Workplan to Conduct Site Characterization Activities* (Gribi Associates, June 2006).

3.1 Pre-Field Activities

Prior to beginning field activities, a drilling permit (No. W2006-1044) was obtained from Alameda County Public Works Agency. A copy of the drilling permit is included as Appendix A. At least 48 hours prior to beginning field activities, notification of the scheduled activities was given to Alameda County Department of Environmental Health.

Prior to beginning field activities, the twelve soil boring locations were marked with white paint, and Underground Services Alert (USA) was notified at least 48 hours prior to drilling. In addition, a private underground utility locator was retained to conducted an independent clearance of the same proposed boring locations.

Prior to initiating drilling activities, a Site Safety Plan was prepared, and a tailgate safety meeting was conducted with all site workers.

3.2 Drilling and Sampling Activities

3.2.1 Location of Borings

The locations of borings B-8 through B-19 are shown on Figure 2. Four borings, B-12, B-13, B-15, and B-16, were located adjacent to the former UST and dispenser area. Four borings, B-14, B-17, B-18, and B-19, were located in a north-south fashion on the McDonald's property to the east, which is also a regulated UST site. Four borings, B-8, B-9, B-10, and B-11, were located southwest (the prevailing historical downgradient groundwater flow direction) from the former UST and dispenser area.

3.2.2 Drilling of Borings

The soil borings were drilled to depths ranging from 16 feet to 20 feet below surface grade by Gregg Drilling using direct-push hydraulically-driven soil coring equipment. For each boring, continuous soil cores were collected to total depth in each boring in a clear plastic acetate tube, nested inside a stainless steel core barrel. After each four-foot core barrel was brought to the surface and exposed, the core was sliced lengthwise to expose the soil core, examined, logged, and field screened for hydrocarbons by a qualified geologist using sight and smell. Following completion, the investigative borings were grouted to match existing surface grade using a cement slurry. Soil cuttings generated during this investigation were stored onsite in sealed DOT-approved containers.

3.2.3 Soil Logging and Sampling

Soil logging and sampling activities were performed by a qualified Gribi Associates scientist. Each soil core was first sliced open lengthwise along the length of the acetate tube, allowing full examination and logging of the soil core prior to sampling.

Approximately two to three soil samples were collected at each boring. Soil samples were collected from specific zones of interest using glass jars with teflon-lined septums as follows: (1) The selected soil interval was packed tightly into the jar, making sure that air pockets were minimized; (2) The jar was tightly sealed with a teflon-lined cap; and (3) The sealed soil sample were labeled and immediately placed in cold storage for transport to the analytical 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.

3.2.4 Groundwater Sampling

A grab groundwater samples was collected from each soil boring. Groundwater samples were obtained from the open boring by first placing a 1-1/4-inch diameter well casing in the boring and then collecting the groundwater sample using a decontaminated stainless steel bailer. Retrieved groundwater was 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.

3.2.5 Laboratory Analysis of Soil and Groundwater Samples

Thirty soil samples and twelve grab groundwater samples were analyzed for the following parameters:

USEPA 8015M Total Petroleum Hydrocarbons as Diesel (TPH-D)
USEPA 8260B Total Petroleum Hydrocarbons as Gasoline (TPH-G)
USEPA 8260B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
USEPA 8260B Oxygenates (TBA, MTBE, DIPE, ETBE, TAME)

All analyses were conducted by a SunStar Laboratories (a state-certified laboratory) with standard turn around time on results.

3.3 Results of Field Activities

3.3.1 General Subsurface Conditions

Boring logs for the twelve borings are included as Appendix B. A cross section location map and cross section figures are provided on Figure 4 and Figure 5, respectively.

Soils encountered in the eight borings drilled within the project site property line (B-8 through B-13, B15 and B-16) generally consisted of less than two feet of fill, followed by low permeability clays, with occasional thin, discontinuous silt and sand lenses to boring total depths of approximately 20 feet.

A persistent sand layer was encountered in McDonald's borings B-17, B-18, and B-19. This sand layer was encountered from about five feet to 12 feet in depth in borings B-17 and B-18, and from about eight feet to 20 feet total depth in boring B-19. Thinner apparent "fingers" of this sand layer appear to extend onto the east side of the project site, as demonstrated in project site borings B-11 and B-16.

Moderate fuel hydrocarbon odors and staining were observed in sand layer in McDonald's borings B-18 and B-19. Slight to moderate hydrocarbon odors were noted in soils from about four feet to ten feet in depth in borings B-12, B-13, B-15, and B-16, located near the former UST cavity on the project site.

3.3.2 Laboratory Analytical Results

Soil Analytical Results

Soil laboratory analytical results for the 12 soil borings are summarized in Table 1 and on Figure 6. The laboratory data report is contained in Appendix C.

Soil samples collected at about eight feet in depth from the four UST area soil borings B-12, B-13, B-15, and B-16 showed TPH-G concentrations of 190 mg/kg, nondetect, 11 mg/kg, and 180 mg/kg, respectively. Of these four borings, benzene was only reported in soil samples from boring B-12, having a maximum concentration of 0.015 mg/kg at a depth of 7.5 feet. TPH-D was not detected in soil samples from these four borings.

Soil samples from the four downgradient borings B-8, B-9, B-10, and B-11 showed very minor detectable concentrations of hydrocarbons, with no detectable TPH-G, TPH-D, or benzene in any of the soil samples from these four borings.

Of the four upgradient McDonald's property borings, B-14, B-17, B-18, and B-19, soil samples from the three south borings (B-17, B-18, and B-19) showed detectable concentrations of hydrocarbons. Soil samples from borings B-17, B-18, and B-19 showed the following respective maximum hydrocarbon concentrations at respective depths of 7.5 feet, 10 feet, and 7.5 feet: TPH-G concentrations of 55 mg/kg, 550 mg/kg, and 38 mg/kg; TPH -D concentrations of 59 mg/kg, 100 mg/kg, and 89 mg/kg; and benzene concentrations of 0.0095 mg/kg, 0.27 mg/kg, and 0.0068 mg/kg. Laboratory results for soil samples from north McDonald's property boring B-14 reported no concentrations above their respective detection limits.

Groundwater Analytical Results

Groundwater analytical results are summarized in Table 2 and on Figure 6. The laboratory data report is contained in Appendix C.

Groundwater samples collected from the four soil borings B-12, B-13, B-15, and B-16, located adjacent to the former UST system on the project site, showed detectable groundwater hydrocarbon impacts. Laboratory results for borings B-12, B-13, B-15, and B-16 reported the following hydrocarbon concentrations: TPH-G concentrations of 600 ug/l, 210 ug/l, 530 ug/l, and 2,100 ug/l, respectively; TPH-D concentrations of 230 ug/l, 510 ug/l, 700 ug/l, and 960 ug/l,

respectively; benzene concentrations of 38 ug/l, 2.5 ug/l, 1.6 ug/l, and 42 ug/l, respectively; and MTBE concentrations of 230 ug/l, 280 ug/l, 1,900, and 78 ug/l, respectively.

Groundwater samples from the four downgradient borings B-8 through B-11 showed relatively low groundwater hydrocarbon impacts, with the primary detectable hydrocarbon constituent being MTBE. Laboratory results from grab groundwater samples from borings B-8, B-9, B-10, and B-11 reported from MTBE concentrations of 1,800 ug/l, 44 ug/l, 420 ug/l, and 1,300 ug/l, respectively.

Of the four upgradient McDonald's property borings, B-14, B-17, B-18, and B-19, grab groundwater samples from the three south borings (B-17, B-18, and B-19) showed significant hydrocarbon impacts. Laboratory results for groundwater samples from borings B-17, B-18, and B-19 reported the following: TPH-G concentrations of concentrations 2,400 ug/l, 4,100 ug/l, and 29,000 ug/l, respectively; TPH -D concentrations of 640 ug/l, 330 ug/l, and 3,500 ug/l, respectively; benzene concentrations of 26 ug/l, 430 ug/l, and 380 ug/l, respectively; and MTBE concentrations of 270 ug/l, 180 ug/l, and 180 ug/l, respectively.

4.0 DESCRIPTION OF MONITORING WELL ACTIVITIES

Based on the results of the soil boring investigation, five shallow groundwater monitoring wells, MW-1 through MW-5, were installed at the project site on February 26, 2007. The five wells were purged and sampled on March 8, 2007. All drilling activities were conducted by Gregg Drilling, a licensed C-57 driller (License No. 485165), under the direction of a qualified Gribi Associates representative. All monitoring well installation and sampling activities were conducted in accordance with the approved workplan and with activities proposed in the *Soil Boring Results* letter report (Gribi Associates, February 2007) and approved by ACDEH.

4.1 Pre-Field Activities

Prior to beginning field activities, drilling permits (No. W2007-0138 through W2007-0142) were obtained from Alameda County Public Works Agency. A copy of these drilling permits are included as Appendix A. At least 48 hours prior to beginning field activities, notification of the scheduled activities was given to Alameda County Department of Environmental Health.

Prior to beginning field activities, the five groundwater monitoring well locations were marked with white paint, and Underground Services Alert (USA) was notified at least 48 hours prior to drilling. In addition, a private underground utility locator was retained to conducted an independent clearance of the same proposed boring locations.

Prior to initiating drilling activities, a Site Safety Plan was prepared, and a tailgate safety meeting was conducted with all site workers.

4.2 Drilling and Sampling Activities

4.2.1 Location of Monitoring Wells

The locations of the recently installed groundwater monitoring wells are shown on Figure 2. Two monitoring wells, MW-1 and MW-2, are located near the former UST cavity and fuel

dispenser area. Three monitoring wells, MW-3, MW-4, and MW-5, are located southwest to west, in an expected downgradient groundwater flow direction, from the former UST and dispenser area.

4.2.2 Drilling and Sampling of Monitoring Wells

The five groundwater monitoring wells were drilled by Gregg Drilling to a depth of approximately 20 feet below grade using hollow-stem auger equipment. During well drilling and installation activities, soils were logged by a qualified Gribi Associates scientist.

A single soil sample was collected from each of the well borings at depths ranging from 12 to 14 feet below surface grade. Undisturbed soil samples were collected by advancing a 2-inch inside diameter California-type split-spoon sampler ahead of the drill bit. Soil samples were collected in brass sleeves, which were capped, labeled, and placed in cold storage for transport to the analytical laboratory under formal chain-of-custody. All drilling 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.

4.2.3 Monitoring Well Installation

The five groundwater monitoring wells were constructed using one inch diameter Schedule 40 threaded PVC casing according to the following specifications: (1) 0.020-inch slotted well casing was placed from approximately 20 feet to 5.5 feet below surface grade (MW-2 through MW-5) and 20 feet to 15.5 feet (MW-1, located within the former UST cavity), followed by blank casing to surface; (2) Filter sand was placed around the casing to approximately 2 feet above of top of screen; (3) A 1.0 foot bentonite seal was placed above the filter sand; and (4) The remaining annulus was grouted using a Type II Portland cement slurry (two 90-pound bags of cement to 30 gallons of water) to approximate grade. The top of the well casing was cut approximately 6 inches below surface grade was enclosed in traffic-rated, flush- mounted well box set in concrete.

Well construction details for the five monitoring wells are included on the well boring logs in Appendix B.

4.2.4 Monitoring Well Sampling

The five monitoring wells were purged and sampled on March 8, 2007. Prior to sampling, the wells were developed by purging at least three well casing volumes using a peristaltic pump. During well development, groundwater was monitored periodically for presence of free-phase product and odor, pH, specific conductance, temperature and visible clarity.

Following well development, and after parameters had stabilized, groundwater was sampled directly from the peristaltic pump in the following manner: (1) Laboratory-supplied containers were completely filled directly from the pump outlet with a minimum of agitation; (2) After making sure that no air bubbles were present, each container was tightly sealed with a Teflon-lined septum; and (3) Each container was then labeled and placed in cold storage for transport to

the analytical laboratory under formal chain-of-custody. All sampling equipment were thoroughly cleaned and decontaminated between each sample collection by triple rinsing.

4.2.5 Laboratory Analysis of Soil and Groundwater Samples

Five soil samples and five groundwater samples were analyzed for the following parameters:

USEPA 8015M Total Petroleum Hydrocarbons as Diesel (TPH-D)
USEPA 8260B Total Petroleum Hydrocarbons as Gasoline (TPH-G)
USEPA 8260B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
USEPA 8260B Oxygenates (TBA, MTBE, DIPE, ETBE, TAME)

All analyses were conducted by a SunStar Laboratories (a state-certified laboratory) with standard turn around time on results.

4.3 Results of Monitoring Well Activities

4.3.1 General Subsurface Conditions

Boring logs for the five monitoring well borings are included as Appendix B. Soils encountered in the five monitoring well borings were generally similar to soils encountered in previous RI soil borings. In well borings MW-2 through MW-5, soils generally consisted of low permeability silts and clays to boring total depths of approximately 20 feet. In well boring MW-1, which was drilled within the former UST excavation cavity, gravel backfill material was encountered down to approximately 13 feet in depth, followed by native clay down to 14 feet in depth, silty sand to 18 feet, and clay from 18 feet to 20 feet total depth.

Obviously wet soils were not encountered in the five well borings; however, groundwater entered the wells after construction, and groundwater depths in the wells ranged from 4.89 feet in MW-1 to 6.98 feet in well MW-5. Top of casing elevations were surveyed pursuant to the State Water Board's Geotracker requirements by Virgil Chavez Land Surveying, and groundwater elevations in the five site wells, which are shown on Figure 7, ranged from 36.77 feet above mean sea level in MW-5 to 39.54 feet above mean sea level in well MW-1.

Slight fuel hydrocarbon odors and staining were noted only in soils from MW-2. No staining or odors were noted in soils from the other well borings.

4.3.2 Laboratory Analytical Results

Soil Analytical Results

Soil analytical results for the five well borings are summarized in Table 1 and on Figure 6. The laboratory data reports for soil and groundwater samples are contained in Appendix C.

A single soil sample was collected from each of the five monitoring well borings at depths ranging from 12 feet to 14 feet below grade. Laboratory results for the soil sample collected from MW-1 at a depth of 14 feet below grade reported 1.9 mg/kg MTBE and 0.089 mg/kg TAME. Laboratory results for the soil sample collected from MW-2 at a depth of 12 feet below

grade reported 7.2 mg/kg TPH-G, 0.026 mg/kg benzene, 0.19 mg/kg toluene, 0.018 mg/kg xylenes, and 0.19 mg/kg MTBE. Laboratory results reported no detectable hydrocarbon constituents for soil samples collected from MW-3, MW-4, and MW-5 at depths of 14 feet, 13 feet, and 14 feet below surface grade, respectively.

Groundwater Analytical Results

Groundwater analytical results are summarized in Table 2 and on Figure 6. Groundwater MTBE and benzene concentration contours are also shown on Figures 7 and 8, respectively. The laboratory data report is contained in Appendix C.

Groundwater samples collected from the two source area wells MW-1 and MW-2 showed low levels of fuel compounds. The groundwater sample from MW-1 reported 130 ug/l of TPH-G, 5,800 ug/l of MTBE, 2,500 of TBA, and 220 of TAME. The groundwater sample from MW-2 reported 210 ug/l of TPH-G, 4.8 ug/l of ethylbenzene, 2,000 ug/l of MTBE, 1,400 of TBA, and 40 of TAME.

Groundwater samples collected from the three downgradient monitoring wells MW-3, MW-4, and MW-5 showed respective MTBE concentrations of 11 ug/l, 5.6 ug/l, and 3.2 ug/l, with no other hydrocarbon detections.

5.0 CONCLUSIONS

Based on results of this and previous investigations, we conclude the following relative to hydrocarbon impacts on the project site:

- Soil hydrocarbon impacts appear to be: (1) Limited vertically to shallow soils, between approximately seven feet and 11 feet in depth; and (2) Limited laterally to the former UST area and adjacent east McDonald's parking lot parcel. The highest TPH-G concentration in soil on the project site was 620 mg/kg in a soil sample collected at 5.0 feet in depth in previous TEC/Accutite boring B-3, located near the south end of the former project site UST. This sample, as well as almost all other samples, showed no detectable concentrations of benzene.

- Shallow groundwater (above 20 feet in depth) in the former project site UST area is impacted primarily with MTBE only. Although groundwater flow direction beneath the site is to the west-southwest, the presence of shallow sands extending eastward and southward from the east side of the project site appears to have resulted in some preferential eastward and southward migration of MTBE onto the east adjacent McDonald's site. However, overall, the shallow groundwater MTBE impacts are concentrated in the former project site UST area, and do not extend a significant distance east, south, or west from the former project site UST. The highest groundwater MTBE impact was encountered in well MW-1, located within the former UST excavation cavity, which showed 2,000 ug/l of MTBE and 1,400 ug/l of TBA (an MTBE breakdown product).

- Elevated TPH-G, TPH-D, ethylbenzene, and xylenes encountered in the shallow groundwater sample from McDonald's property boring B-19 appear to have originated

from the former gas station on the McDonald's property. The groundwater sample from B-19, which is located approximately 70 feet southeast from the former project site UST, showed TPH-G and TPH-D concentrations of 29,000 ug/l and 3,500 ug/l, respectively. On the other hand, the groundwater sample from boring B-16, located only 20 feet southeast from the former project site UST, showed TPH-G and TPH-D concentrations of only 2,100 ug/l and 960 ug/l, respectively. Also, the groundwater sample from boring B-18, located only 30 feet east-southeast from the former project site UST, showed TPH-G and TPH-D concentrations of only 4,100 ug/l and 330 ug/l, respectively.

- Based on results from the previous TEC/Accutite investigation, it appears that deeper (below 24 feet in depth) soil and groundwater hydrocarbon and MTBE impacts are relatively low, indicating minimal downward MTBE migration. The highest deeper groundwater MTBE impacts were in TEC/Accutite borings B-5 and B-7, which showed MTBE concentrations of 460 ug/l and 340 ug/l, respectively.

6.0 RECOMMENDATIONS

Investigative results indicate that: (1) MTBE is the primary contaminant of concern relative to the project site UST; (2) MTBE is limited primarily to shallow groundwater in the immediate source area (adjacent to the former UST), with minimal downgradient (west-southwest) and crossgradient (east and south) migration; and (3) Some TPH-G and TPH-D hydrocarbon impacts are present on the adjacent east McDonald's parcel which are not related to the project site UST system. In order to move this site towards regulatory closure, we recommend remediating shallow groundwater MTBE impacts in the immediate UST source area, while allowing diffuse, low level downgradient and crossgradient MTBE groundwater impacts to naturally attenuate over time.

7.0 WORKPLAN TO CONDUCT REMEDIATION PILOT TEST

Options for remediation of source area groundwater MTBE impacts could include: (1) No action, relying on natural attenuation of MTBE over time; (2) Dual-phase (groundwater and soil vapor) extraction (DPE); or (3) Chemical oxidation (ozone or hydrogen peroxide injection). The first option (no action, or natural attenuation), while relatively low cost, could take several years to obtain regulatory closure. The second option (dual-phase extraction), while more aggressive (quicker time to closure) than no action, would be more costly and difficult to implement than chemical oxidation. For the third option (chemical oxidation), we would recommend ozone injection, rather than peroxide injection. Ozone injection is relatively low cost and has been shown to be very effective in remediating MTBE groundwater impacts. The primary potential difficulty with ozone injection would be due to low permeability soils, which could require high injection pressures and result in small radii of influence around the injection wells.

In order to assess the effectiveness of ozone injection at the project site, we recommend conducting an ozone injection pilot test at the site. Ozone injection is a preferred technology to DPE, particularly for dissolved hydrocarbon groundwater impacts, because: (1) Installation and operating costs (energy consumption, O&M, and permitting) are relatively low; and (2) Ozone injection destroys hydrocarbon contaminants in-place, thus eliminating the additional permitting, treatment, and disposal costs associated with DPE remediation.

The ozone injection remediation pilot test proposed herein will include: (1) Installation of four injection wells; (2) Installation of remediation equipment and connection of delivery tubing from equipment to injection wells; (3) Operation of ozone injection system for approximately four months; (4) Monitoring of remediation effectiveness; and (5) Preparation of reports documenting results from the pilot test activities. These tasks will be conducted in accordance with applicable regulatory guidelines and statutes, and will include the following activities:

7.1 Installation of Injection Wells

Four injection wells, IW-1 through IW-4, will be installed at the site. All activities will be conducted in accordance with applicable State and Federal guidelines and statutes.

7.1.1 Prefield Activities

Prior to implementing this workplan, written approval will be obtained from ACDEH. In addition, well permits for the four ozone injections wells will be obtained from Alameda County Public Works. Proposed well locations will be marked with white paint, and Underground Services Alert (USA) will be notified at least 48 hours prior to drilling. In addition, a private underground utility locator will clear proposed well locations. Prior to drilling, a Site Safety Plan will be prepared, and a tailgate safety meeting will be conducted with all site workers.

7.1.2 Location of Injection Wells

Proposed locations for the four injection wells are shown on Figure 9. Wells IW-1, IW-2, and IW-3 will be placed on the east side of the site, to provide ozone injection in the source area and to east, south, and west from the former UST area. Well IW-4 will be placed immediately west from the highest MTBE impacted area to provide additional ozone injection in this area.

7.1.3 Drilling and Sampling of Well Borings

Each of the four injection well borings will be drilled by a State-licensed drilling contractor to a total depth approximately 23 feet below grade using at least six-inch diameter hollow stem auger. Soils from each soil boring will be logged by a qualified scientist using sight and smell, and at least one soil sample per well boring will be collected in clean brass sleeves using a clean California split spoon sampler. Each soil sample will be preserved and chilled in accordance with standard sampling protocols, and all soil samples will be analyzed for TPH-G, BTEX, and Oxygenates. Soil cuttings will be placed in sealed 55-gallon drums pending laboratory results. All sampling equipment will be thoroughly cleaned and decontaminated between each sample collection by triple rinsing, as described previously in this workplan.

7.1.4 Installation of Injection Wells

The four injection wells will be constructed inside the hollow stem auger using a one foot length of 1-½-inch diameter bubble diffuser and 3/4-inch threaded blank PVC riser pipe with vitron O-rings. For each of the wells, the diffuser will be set below 21 feet in depth, then surrounded with a fine sand to about 20 feet in depth, time release bentonite to about 18 feet in depth, and concrete grout to surface.

7.2 Installation of Delivery Piping and Injection Equipment

7.2.1 Installation of Delivery Piping

To minimize site impacts and project costs, the ozone injection delivery tubing, consisting of 3/8-inch synthetic flexible tubing, will be run above ground along the east fence line and along the building structures.

7.2.2 Installation of Injection Equipment

The ozone generation equipment will consist of a 110-volt ozone injection unit assembled by Piper Environmental Group located in Castroville, California. The unit includes an oxygen concentrator, ozone generator, compressors, programmable logic controller (PLC), and valves. This unit will be contained in a trailer and located near the existing piping manifold north of the existing remediation compound. This unit will supply an ozone/air mixture under pressure to the four individual injection wells according to a set timed sequence. This unit will include an ozone detector with automatic shut down in the event of an ozone leak.

7.3 Operation of Remediation System

The ozone injection remediation system will be operated continuously for approximately four months. During operation, the remediation system will be maintained and monitored regularly, beginning with bi-weekly visits for the first month, followed by weekly and semi-weekly visits as needed for the four-month duration. During monitoring, possible ozone leakage from the ozone generating system will be monitored to insure system integrity.

7.4 Monitoring of Remediation Effectiveness

In order to assess remediation effectiveness, site groundwater monitoring wells MW-1 and MW-2, as well as McDonald's wells MW-1A and MW-2A (if allowed), will be monitored periodically, beginning with semi-weekly monitoring for the first month, followed by monthly monitorings for the four-month duration of the remediation. Groundwater monitoring will be conducted in accordance with applicable sampling protocols, and will include determination of groundwater elevation gradient and sampling of groundwater for TPH-G, BTEX, and Oxygenates analysis.

7.5 Project Reporting

Reports to be submitted to the ACDEH will include: (1) A report documenting remediation system installation and startup, to be completed approximately one month after beginning the ozone injection pilot test; and (2) A report documenting the completed ozone injection pilot test, to be submitted within one month following completion of the pilot test. These reports will describe and document all activities and results, and will include laboratory analytical reports.

7.6 Project Schedule

Subject to ACDEH approval, the remediation system installation and startup activities can be completed in approximately six to eight weeks.

TABLES

Table 1
SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
St. Francis Pie Shop

Sample ID	*Sample Depth*	*Concentration, milligrams per kilogram (mg/kg)*						
		TPH-D	*TPH-G*	*B*	*T*	*E*	*X*	*Oxygenates*
SOIL BORING RESULTS								
B-8-11'	11.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-8-18'	18.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.017** MTBE
B-9-7.5	7.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-9-11.5	11.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.017** MTBE
B-10-7.5'	7.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-10-19'	19 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-11-10'	10.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-11-17'	17.0 feet	<5.0	<0.50	<0.0020	**0.0021**	**0.0040**	**0.012**	All ND
B-12-3.0'	3.0 feet	<5.0	**1.2**	**0.010**	<0.0020	**0.021**	<0.0040	**0.0095** TAME **0.23** MTBE
B-12-7.5'	7.5 feet	<5.0	**190**	**0.015**	<0.0020	**0.43**	**0.33**	All ND
B-12-15.5'	15.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.020** TAME **0.22** TBA **0.68** MTBE
B-13-3.0'	3.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-13-6.0'	6.0 feet	<5.0	**11**	<0.0020	<0.0020	**0.0081**	<0.0040	**0.0096** MTBE
B-13-11.5'	11.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.0071** TAME **0.10** TBA **0.210** MTBE
B-14-7.5'	7.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-14-15.0'	15.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-15-3.5'	3.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.0070** TAME **0.13** TBA **0.16** MTBE
B-15-6.0'	6.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.0084** TAME **0.10** TBA **0.22** MTBE
B-15-11.5'	11.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	**0.014** TAME **0.47** MTBE
B-16-4.0	4.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-16-9.5'	9.5 feet	<5.0	**180**	<0.0020	<0.0020	**0.18**	<0.0040	**0.081** MTBE
B-16-15.0'	15.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	**0.018**	**0.013** MTBE
B-17-7.5'	7.5 feet	**69**	**55**	**0.0095**	**0.0022**	**0.19**	**0.019**	**0.12** TBA **0.060** MTBE
B-17-11.5	11.5 feet	<5.0	<0.50	<0.0020	<0.0020	**0.0042**	**0.0046**	**0.69** TBA **0.014** MTBE

Table 1
SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
St. Francis Pie Shop

Sample ID	*Sample Depth*	*Concentration, milligrams per kilogram (mg/kg)*						
		TPH-D	*TPH-G*	*B*	*T*	*E*	*X*	*Oxygenates*
B-18-7.5'	7.5 feet	**550**	**100**	**0.27**	**0.034**	**0.85**	**13.9**	**0.24** TBA **0.44** MTBE
B-18-11'	11.0 feet	**100**	**220**	**0.21**	**0.047**	**1.2**	**6.7**	**0.20** TBA **0.36** MTBE
B-18-19'	19.0 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-19-7.5'	7.5 feet	<5.0	<0.50	<0.0020	<0.0020	<0.0020	<0.0040	All ND
B-19-10'	10.0 feet	**89**	**38**	**0.0068**	**0.0059**	**0.38**	**0.28**	All ND
B-19-15'	15.0 feet	<5.0	<0.50	**0.0033**	<0.0020	**0.0056**	**0.0049**	All ND
MONITORING WELL RESULTS								
MW-1-14.0'	14.0 feet	N/A	<0.5	<0.0050	<0.0050	<0.0050	<0.0050	**0.089** TAME
MW-2-12.0'	12.0 feet	N/A	**7.2**	**0.026**	<0.0050	**0.19**	**0.018**	**0.91** MTBE
MW-3-14.0'	14.0 feet	N/A	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	All ND
MW-4-13.0'	13.0 feet	N/A	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	All ND
MW-5-14.0'	14.0 feet	N/A	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	All ND
Soil ESL		**500**	**400**	**0.51**	**9.3**	**32**	**11**	**110** TBA **0.25** MTBE

TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH-D = Total Petroleum Hydrocarbons as Diesel
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
Oxygenates = Oxygenates including Methyl-tert-Butyl Ether (MTBE), Ter-Butyl Alcohol (TBA), Di-isopropyl Ether (DIPE), Ethyl-t-butyl Ether (ETBE), and Tert-amyl Methyl Ether (TAME).
<0.50 = Not detected above the expressed value.

ESL = Shallow Soil Environmental Screening Levels for evaluation of commercial/industrial land use, where 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, February 2005, Appendix 1, Tables B-2. Note that we used either the Groundwater Protection ESL or the Vapor Intrusion into Buildings ESL, whichever is lower.

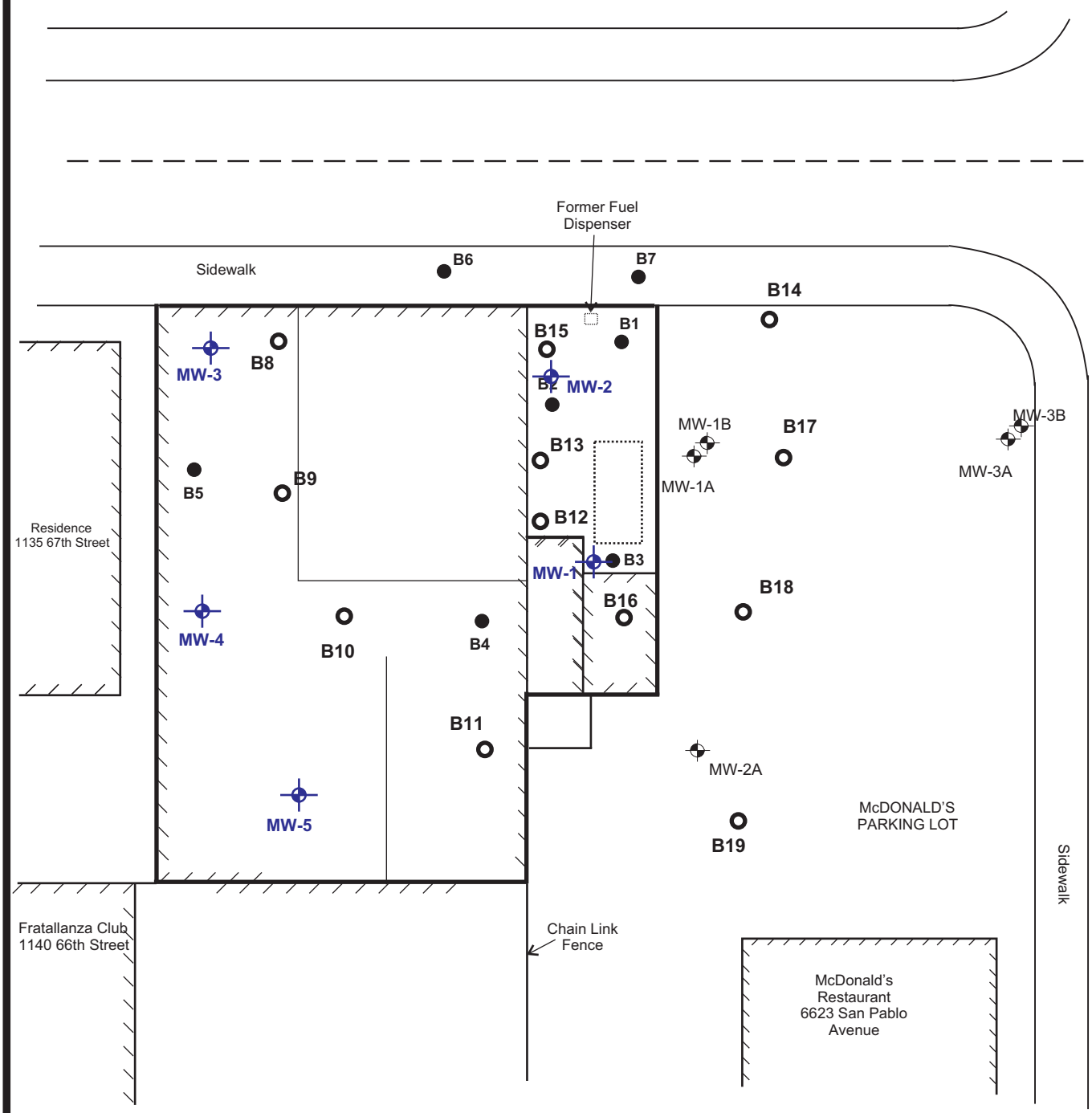
Table 2
SUMMARY OF GROUNDWATER LABORATORY ANALYTICAL RESULTS
St. Francis Pie Shop

Sample ID	*GW Depth*	*GW Elevation*	*Concentration, micrograms per liter (ug/l)*						
			TPH-D	*TPH-G*	*B*	*T*	*E*	*X*	*Oxygenates*
SOIL BORING RESULTS									
B-8-GW	--	--	<50	**570**	<0.50	<0.50	<0.50	<1.0	**43** TAME **1,800** MTBE
B-9-GW	--	--	<50	<50	<0.50	**0.66**	<0.50	<1.0	**44** MTBE
B-10-GW	--	--	<50	**140**	<0.50	<0.50	<0.50	<1.0	**4.3** TAME **420** MTBE
B-11-GW	--	--	<50	**420**	<0.50	<0.50	**2.3**	**4.1**	**29** TAME **1,300** MTBE
B-12-GW	--	--	**230**	**600**	**38**	<0.50	**34**	**29**	**230** MTBE
B-13-GW	--	--	**510**	**210**	**2.5**	**1.2**	**14**	<1.0	**7.5** TAME **280** MTBE
B-14-GW	--	--	<50	**270**	<0.50	<0.50	**2.0**	**3.3**	**19** MTBE
B-15-GW	--	--	**700**	**530**	**1.6**	<0.50	<0.50	<0.50	**32** TAME **1,900** MTBE
B-16-GW	--	--	**960**	**2,100**	**42**	<0.50	**28**	**8.9**	**78** MTBE
B-17-GW	--	--	**640**	**2,400**	**26**	<0.50	**49**	**4.8**	**9,300** TBA **270** MTBE
B-18-GW	--	--	**0.33**	**4,100**	**430**	**21**	**130**	**486**	**180** MTBE
B-19-GW	--	--	**3,500**	**29,000**	**380**	**36**	**1,400**	**1,900**	All ND
MONITORING WELL RESULTS									
MW-1 <44.40>	4.86	39.54	<500	**130**	<0.50	<0.50	<0.50	<1.0	**5,800** MTBE **2,500** TBA **220** TAME
MW-2 <43.07>	4.99	38.08	<500	**210**	5.6	<0.50	**4.8**	<1.0	**2,000** MTBE **1,400** TBA **40** TAME
MW-3 <43.42>	5.79	37.63	<500	<50	<0.50	<0.50	<0.50	<1.0	**11** MTBE
MW-4 <43.52>	5.42	38.10	<500	<50	<0.50	<0.50	<0.50	<1.0	**5.6** MTBE
MW-5 <43.75>	6.98	36.77	<500	<50	<0.50	<0.50	<0.50	<1.0	**3.2** MTBE
Groundwater ESL			**2,500**	**5,000**	**540**	**380,000**	**170,000**	**160,000**	**130,000** TBA **26,000** MTBE

GW Depth = Depth to groundwater below top of casing, in feet.
GW Elevation = Groundwater mean sea level elevation
TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH-D = Total Petroleum Hydrocarbons as Diesel
B = Benzene, T = Toluene, E = Ethylbenzene, X = Xylenes
Oxygenates = Oxygenates including Methyl-tert-Butyl Ether (MTBE), Ter-Butyl Alcohol (TBA), Di-isopropyl Ether (DIPE), Ethyl-t-butyl Ether (ETBE), and Tert-amyl Methyl Ether (TAME).
<0.50 = Not detected above the expressed value.

ESL = Groundwater Environmental Screening Levels for evaluation of commercial/industrial land use, where 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, February 2005, Appendix 1, Table F-1b. Note that we did not use the Aquatic Toxicity ESL, since there are no surface water bodies in the site area, rather we used Gross Contamination Ceiling Level ESLs for TPH-D and TPH-G, and Vapor Intrusion into Buildings ESLs for BTEX and Oxygenates.

FIGURES



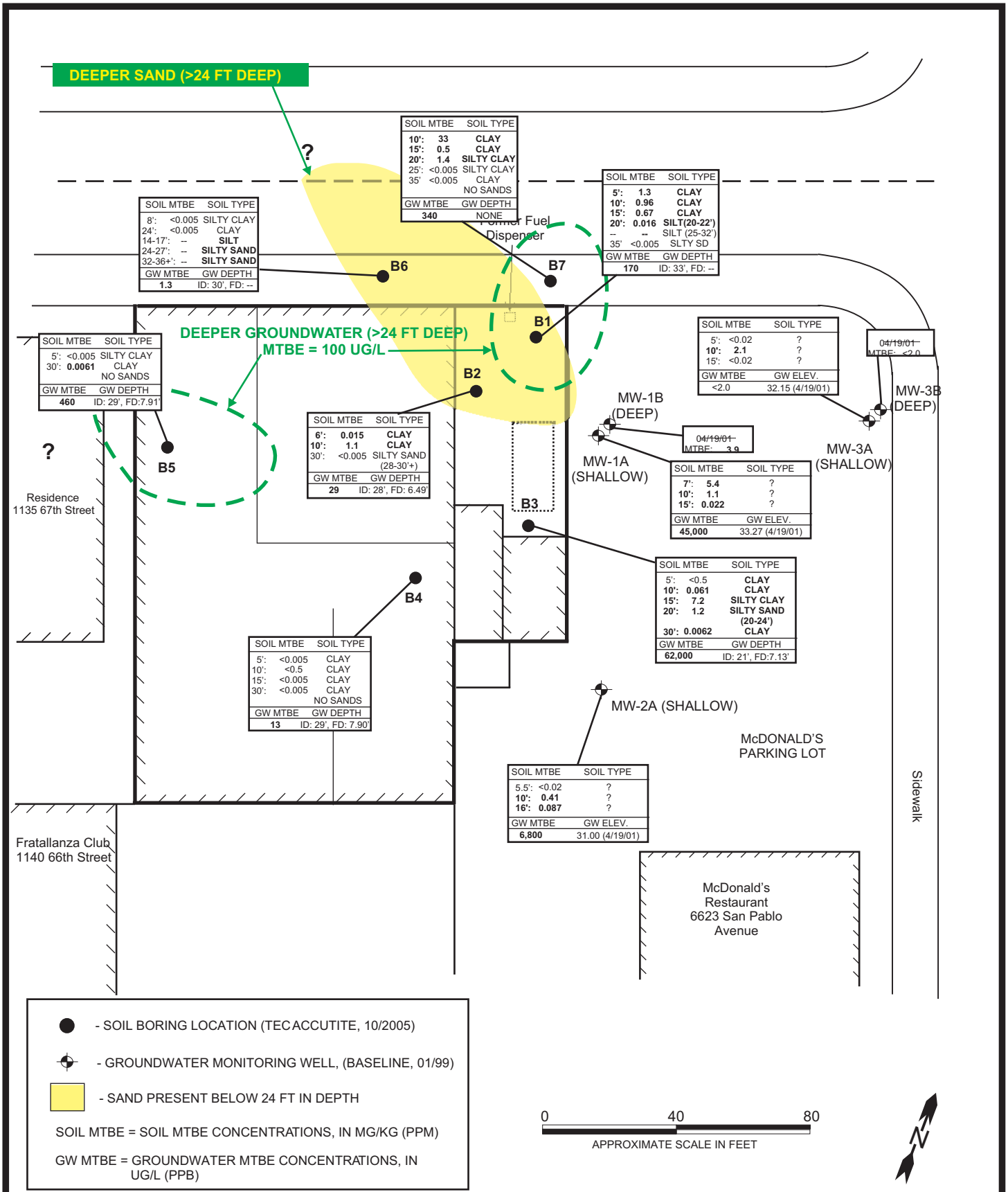
- SOIL BORING LOCATION (GRIBI ASSOCIATES, 10/2006)
- GROUNDWATER MONITORING WELL LOCATION (GRIBI ASSOCIATES, 02/2007).
- SOIL BORING LOCATION (TEC ACCUTITE, 10/2005)
- GROUNDWATER MONITORING WELL, (BASELINE, 01/99)

0 40 80

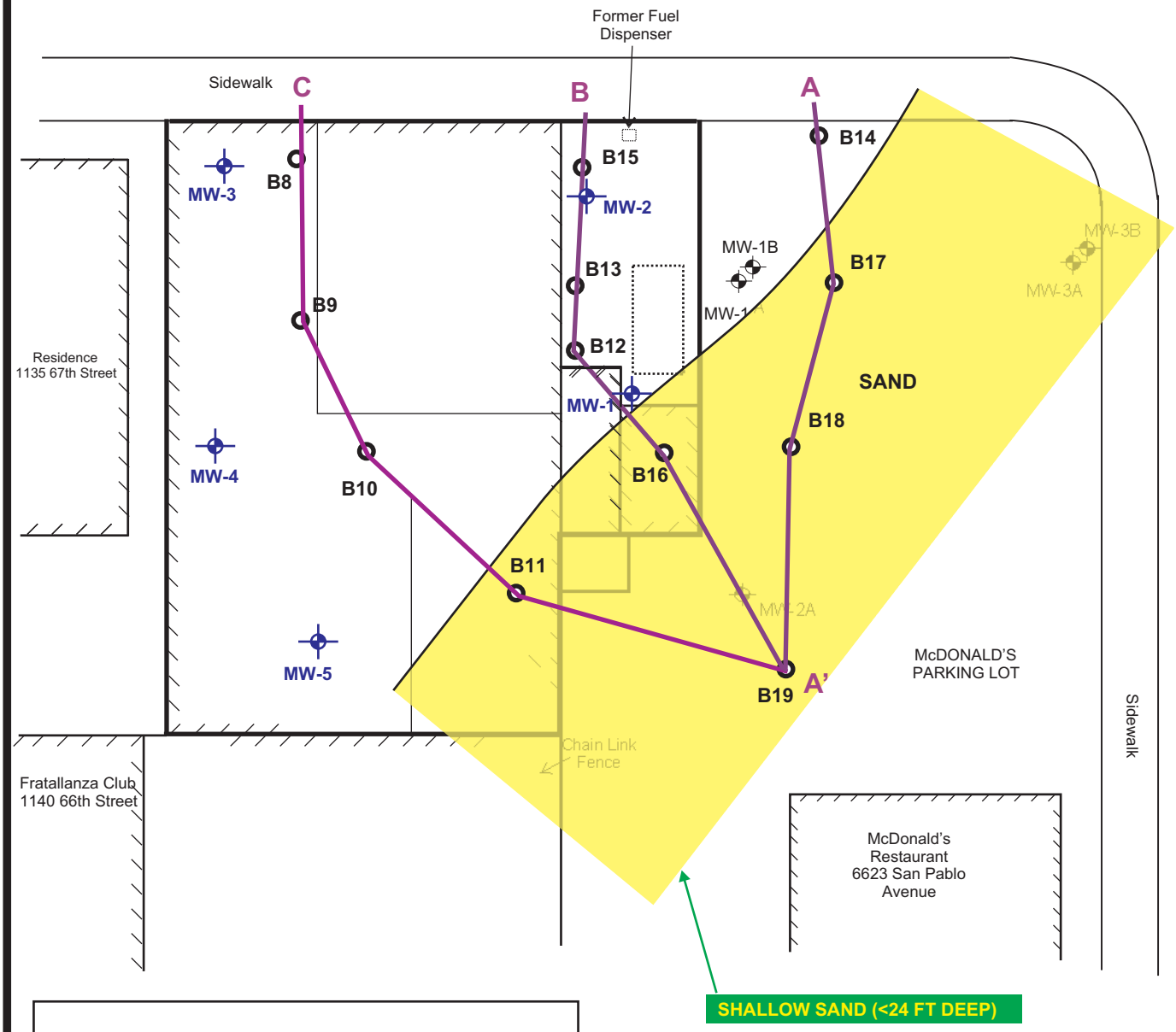
APPROXIMATE SCALE IN FEET

N

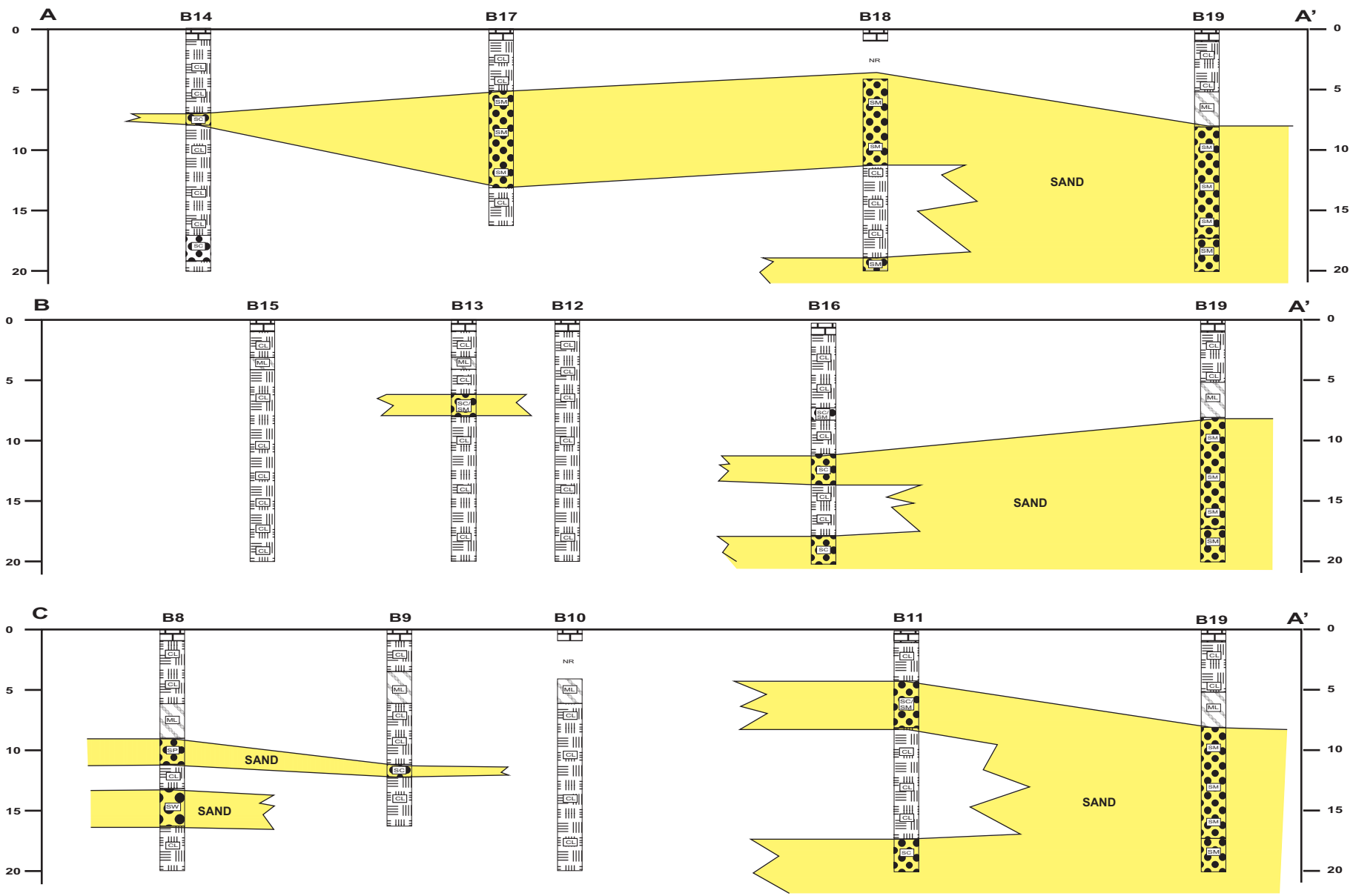
DESIGNED BY:	CHECKED BY: JEG	**SOIL & GROUNDWATER HYDROCARBON RESULTS**	DATE: 05/07/2007 FIGURE: **2**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 320-01-01			



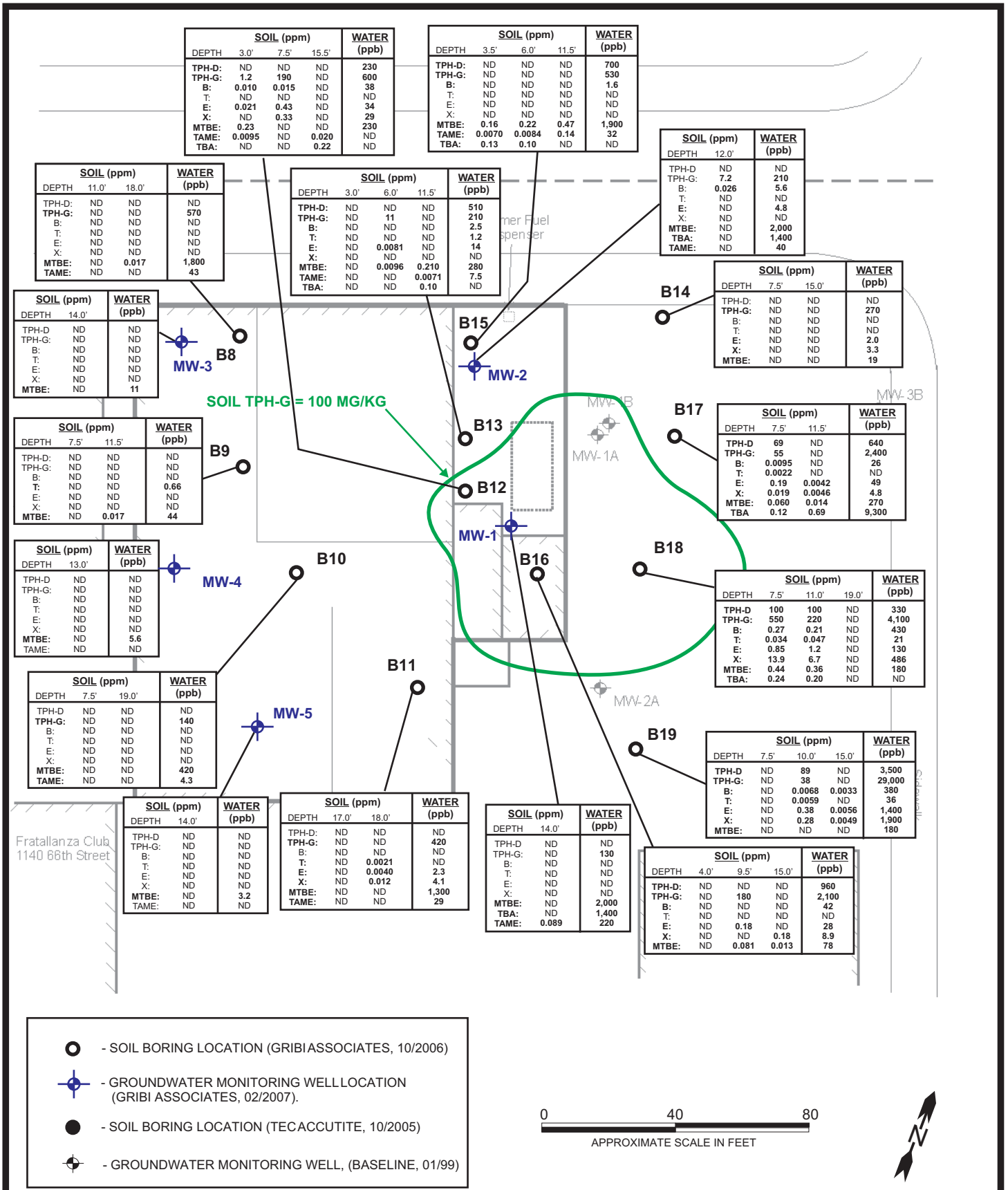
DESIGNED BY:	CHECKED BY: JEG	**PREVIOUS SOIL & GROUNDWATER HYDROCARBON RESULTS**	DATE: 05/07/2007 FIGURE: **3**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 320-01-01			



DESIGNED BY:	CHECKED BY: JEG	**CROSS SECTION LOCATION MAP**	DATE: 05/07/2007 FIGURE: 4
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 320-01-01			



DESIGNED BY:	CHECKED BY:	**CROSS SECTIONS**	DATE: 05/07/07
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE OAKLAND, CALIFORNIA	FIGURE: 5
PROJECT NUMBER: 320-01-01			GRIBI



SOIL (ppm)				WATER
DEPTH	3.0'	7.5'	15.5'	(ppb)
TPH-D:	ND	ND	ND	230
TPH-G:	1.2	190	ND	600
B:	0.010	0.015	ND	38
T:	ND	ND	ND	ND
E:	0.021	0.43	ND	34
X:	ND	0.33	ND	29
MTBE:	0.23	ND	ND	230
TAME:	0.0095	ND	0.020	ND
TBA:	ND	ND	0.22	ND

SOIL (ppm)				WATER
DEPTH	3.5'	6.0'	11.5'	(ppb)
TPH-D:	ND	ND	ND	700
TPH-G:	ND	ND	ND	530
B:	ND	ND	ND	1.6
T:	ND	ND	ND	ND
E:	ND	ND	ND	ND
X:	ND	ND	ND	ND
MTBE:	0.16	0.22	0.47	1,900
TAME:	0.0070	0.0084	0.14	32
TBA:	0.13	0.10	ND	ND

SOIL (ppm)			WATER
DEPTH	11.0'	18.0'	(ppb)
TPH-D:	ND	ND	ND
TPH-G:	ND	ND	570
B:	ND	ND	ND
T:	ND	ND	ND
E:	ND	ND	ND
X:	ND	ND	ND
MTBE:	ND	0.017	1,800
TAME:	ND	ND	43

SOIL (ppm)				WATER
DEPTH	3.0'	6.0'	11.5'	(ppb)
TPH-D:	ND	ND	ND	510
TPH-G:	ND	11	ND	210
B:	ND	ND	ND	2.5
T:	ND	ND	ND	1.2
E:	ND	0.0081	ND	14
X:	ND	ND	ND	ND
MTBE:	ND	0.0096	0.210	280
TAME:	ND	ND	0.0071	7.5
TBA:	ND	ND	0.10	ND

SOIL (ppm)		WATER
DEPTH	12.0'	(ppb)
TPH-D	ND	ND
TPH-G:	7.2	210
B:	0.026	5.6
T:	ND	ND
E:	ND	4.8
X:	ND	ND
MTBE:	ND	2,000
TBA:	ND	1,400
TAME:	ND	40

SOIL (ppm)			WATER
DEPTH	14.0'		(ppb)
TPH-D	ND		ND
TPH-G:	ND		ND
B:	ND		ND
T:	ND		ND
E:	ND		ND
X:	ND		ND
MTBE:	ND		11

SOIL (ppm)			WATER
DEPTH	7.5'	15.0'	(ppb)
TPH-D:	ND	ND	ND
TPH-G:	ND	ND	270
B:	ND	ND	ND
T:	ND	ND	ND
E:	ND	ND	2.0
X:	ND	ND	3.3
MTBE:	ND	ND	19

SOIL (ppm)			WATER
DEPTH	7.5'	11.5'	(ppb)
TPH-D:	ND	ND	ND
TPH-G:	ND	ND	ND
B:	ND	ND	ND
T:	ND	ND	0.66
E:	ND	ND	ND
X:	ND	ND	ND
MTBE:	ND	0.017	44

SOIL (ppm)			WATER
DEPTH	7.5'	11.5'	(ppb)
TPH-D	69	ND	640
TPH-G:	55	ND	2,400
B:	0.0095	ND	26
T:	0.0022	ND	ND
E:	0.19	0.0042	49
X:	0.019	0.0046	4.8
MTBE:	0.060	0.014	270
TBA	0.12	0.69	9,300

SOIL (ppm)			WATER
DEPTH	13.0'		(ppb)
TPH-D	ND		ND
TPH-G:	ND		ND
B:	ND		ND
T:	ND		ND
E:	ND		ND
X:	ND		ND
MTBE:	ND		5.6
TAME:	ND		ND

SOIL (ppm)				WATER
DEPTH	7.5'	11.0'	19.0'	(ppb)
TPH-D	100	100	ND	330
TPH-G:	550	220	ND	4,100
B:	0.27	0.21	ND	430
T:	0.034	0.047	ND	21
E:	0.85	1.2	ND	130
X:	13.9	6.7	ND	486
MTBE:	0.44	0.36	ND	180
TBA:	0.24	0.20	ND	ND

SOIL (ppm)			WATER
DEPTH	7.5'	19.0'	(ppb)
TPH-D	ND	ND	ND
TPH-G:	ND	ND	140
B:	ND	ND	ND
T:	ND	ND	ND
E:	ND	ND	ND
X:	ND	ND	ND
MTBE:	ND	ND	420
TAME:	ND	ND	4.3

SOIL (ppm)				WATER
DEPTH	7.5'	10.0'	15.0'	(ppb)
TPH-D	ND	89	ND	3,500
TPH-G:	ND	38	ND	29,000
B:	ND	0.0068	0.0033	380
T:	ND	0.0059	ND	36
E:	ND	0.38	0.0056	1,400
X:	ND	0.28	0.0049	1,900
MTBE:	ND	ND	ND	180

SOIL (ppm)		WATER
DEPTH	14.0'	(ppb)
TPH-D	ND	ND
TPH-G:	ND	ND
B:	ND	ND
T:	ND	ND
E:	ND	ND
X:	ND	ND
MTBE:	ND	3.2
TAME:	ND	ND

SOIL (ppm)			WATER
DEPTH	17.0'	18.0'	(ppb)
TPH-D:	ND	ND	ND
TPH-G:	ND	ND	420
B:	ND	ND	ND
T:	ND	0.0021	ND
E:	ND	0.0040	2.3
X:	ND	0.012	4.1
MTBE:	ND	ND	1,300
TAME:	ND	ND	29

SOIL (ppm)		WATER
DEPTH	14.0'	(ppb)
TPH-D	ND	ND
TPH-G:	ND	130
B:	ND	ND
T:	ND	ND
E:	ND	ND
X:	ND	ND
MTBE:	ND	2,000
TBA:	ND	1,400
TAME:	0.089	220

SOIL (ppm)				WATER
DEPTH	4.0'	9.5'	15.0'	(ppb)
TPH-D:	ND	ND	ND	960
TPH-G:	ND	180	ND	2,100
B:	ND	ND	ND	42
T:	ND	ND	ND	ND
E:	ND	0.18	ND	28
X:	ND	ND	0.18	8.9
MTBE:	ND	0.081	0.013	78

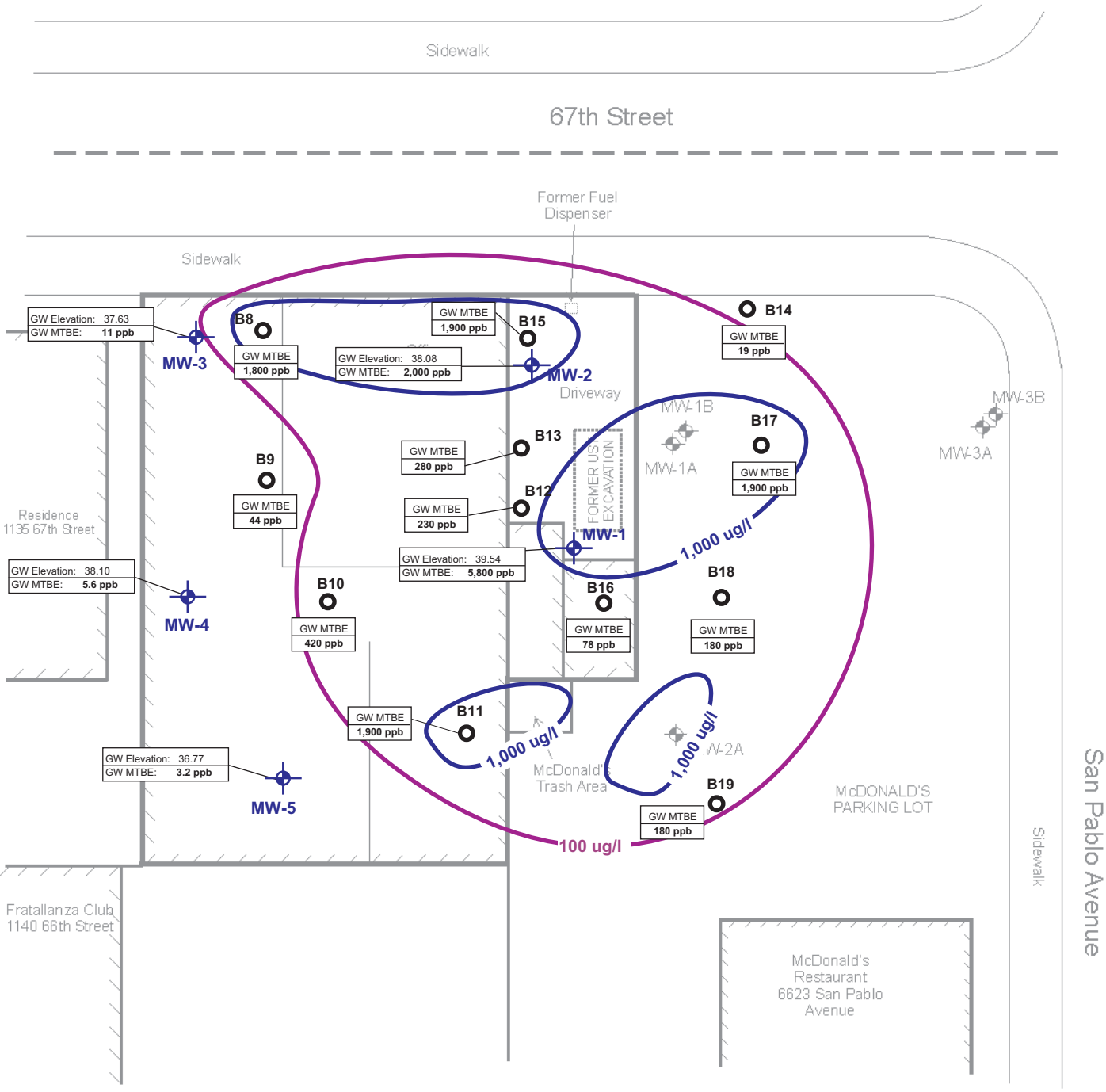
- SOIL BORING LOCATION (GRIBI ASSOCIATES, 10/2006)
- GROUNDWATER MONITORING WELL LOCATION (GRIBI ASSOCIATES, 02/2007).
- SOIL BORING LOCATION (TECACCUTITE, 10/2005)
- GROUNDWATER MONITORING WELL, (BASELINE, 01/99)

0 40 80

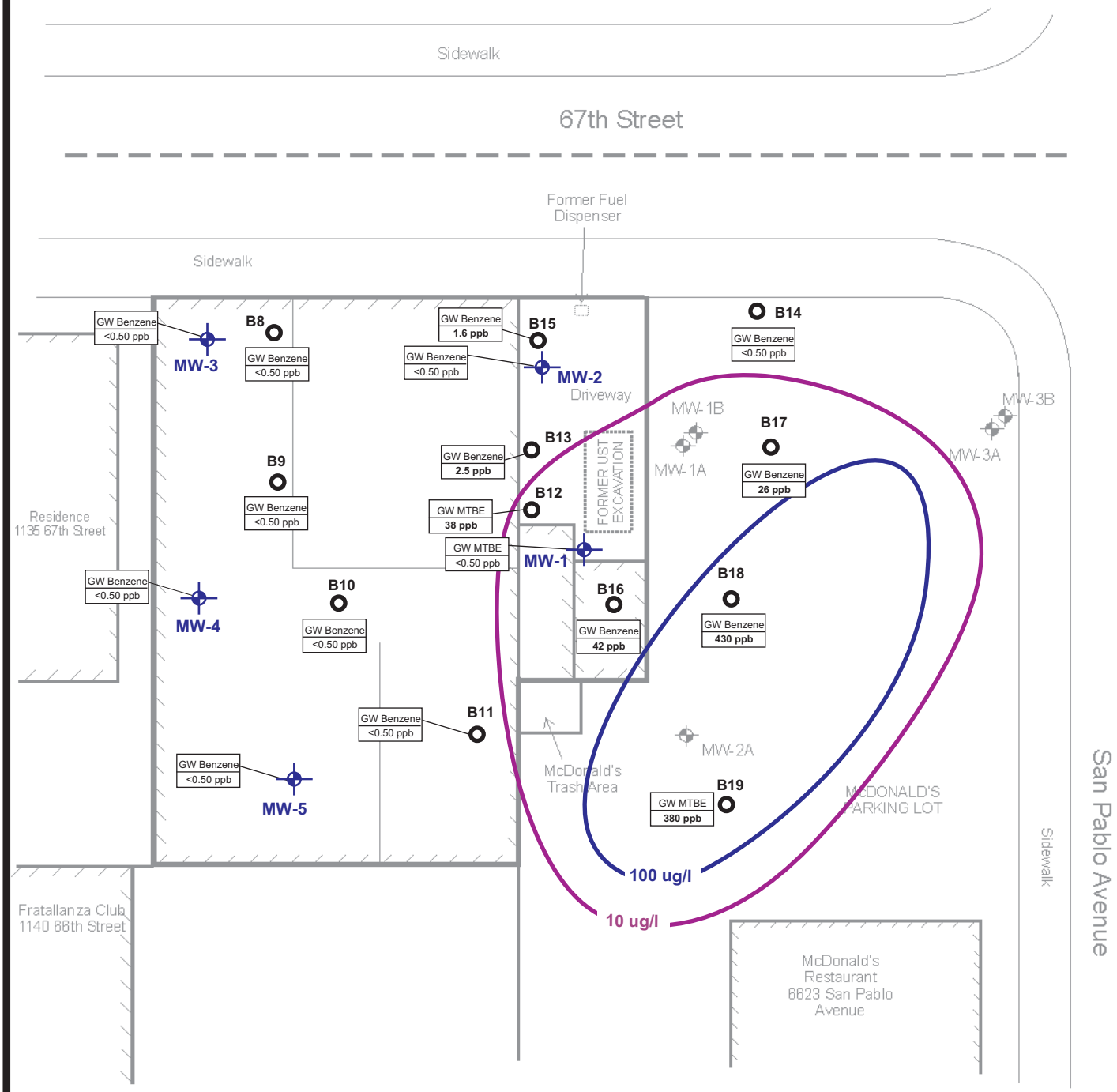
APPROXIMATE SCALE IN FEET

N

DESIGNED BY:	CHECKED BY: JEG	**SHALLOW SOIL & GROUNDWATER HYDROCARBON RESULTS**	DATE: 05/07/2007 FIGURE: **6**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 320-01-01			



DESIGNED BY:	CHECKED BY: JEG	**SHALLOW GROUNDWATER ELEVATIONS & MTBE RESULTS**	DATE: 05/07/2007	FIGURE: 7
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI	
PROJECT NO: 320-01-01				



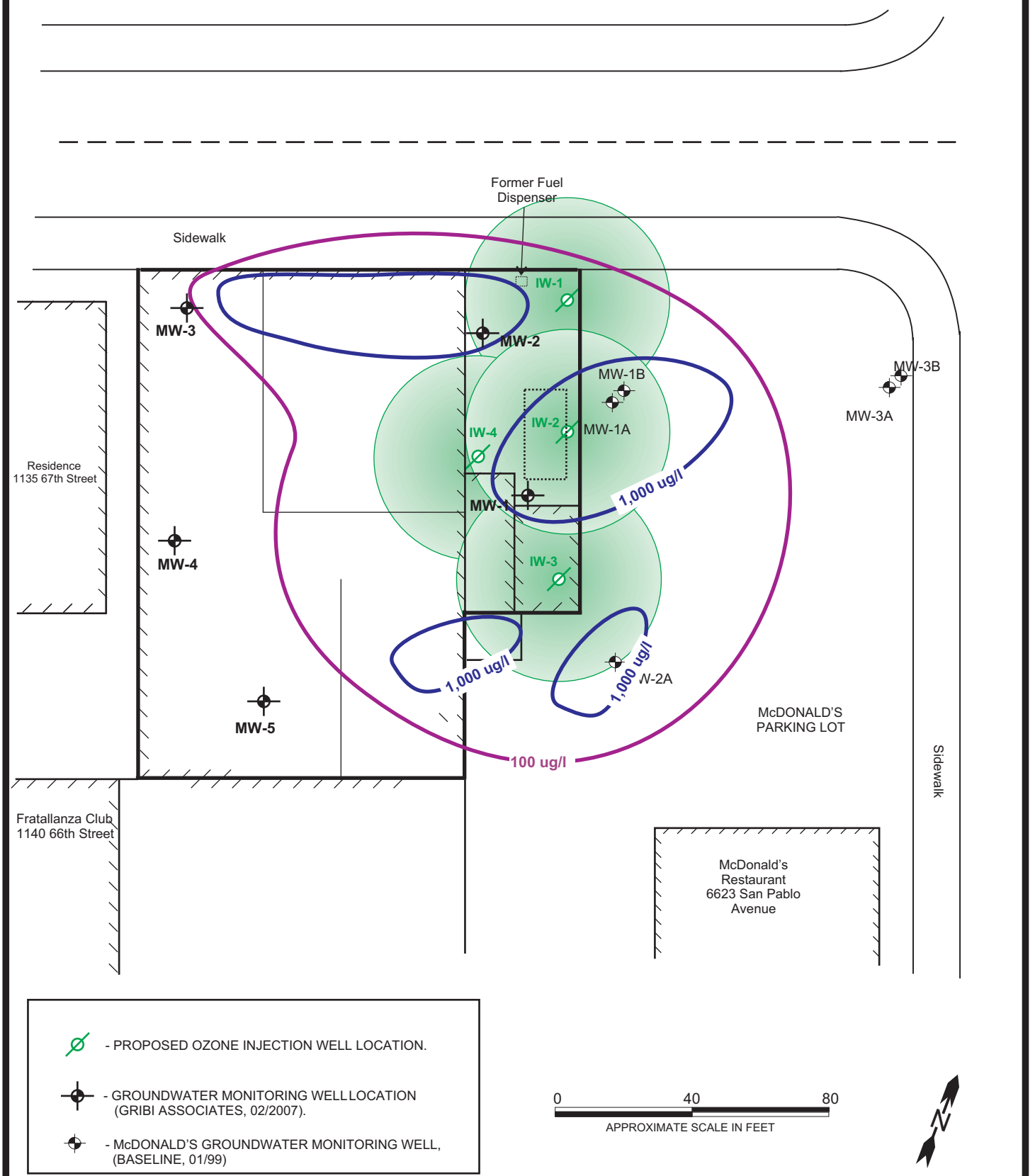
- SOIL BORING LOCATION (GRIBI ASSOCIATES, 10/2006)
- GROUNDWATER MONITORING WELL LOCATION (GRIBI ASSOCIATES, 02/2007).
- SOIL BORING LOCATION (TEC ACCUTITE, 10/2005)
- GROUNDWATER MONITORING WELL, (BASELINE, 01/99)

0 40 80

APPROXIMATE SCALE IN FEET

N

DESIGNED BY:	CHECKED BY: JEG	**SHALLOW GROUNDWATER BENZENE RESULTS**	DATE: 05/07/2007 FIGURE: **8**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 320-01-01			



DESIGNED BY:	CHECKED BY: JEG	**PROPOSED OZONE INJECTION WELL LOCATIONS**	DATE: 05/07/2007 / FIGURE: **9**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO: 320-01-01			

APPENDIX A

SOIL BORING AND WELL PERMITS

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: 12/13/2006 By jamesy

Permit Numbers: W2006-1044
Permits Valid from 12/18/2006 to 12/19/2006

Application Id: 1165542418513
City of Project Site: Oakland
Site Location: St. Francis Pie Shop UST Site
1125 67th Street
Oakland, CA
Project Start Date: 12/18/2006
Completion Date: 12/19/2006

Applicant: Gribi Associates - James Gribi
1090 Adams Street, Suite K, Benicia, CA 94510
Phone: 707-748-7743
Property Owner: John Buschini
1260 Shell Circle, Clayton, CA 94517
Phone: 925-524-9303
Client: ** same as Property Owner **
Contact: Matthew Rosman
Phone: 707-748-7743
Cell: 707-718-8613

Total Due: $200.00
Receipt Number: WR2006-0550 **Total Amount Paid:** $200.00
Payer Name : James E Gribi Paid By: MC **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 12 Boreholes
Driller: Gregg Drilling - Lic #: 485165 - Method: DP **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-1044	12/13/2006	03/18/2007	12	2.25 in.	25.00 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.

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. Applicant shall contact James Yoo for an inspection time at 510-670-6633 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.

5. 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.

6. 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.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County.

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460
Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460
Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000
Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland**, **Alameda**,**Piedmont**, **Emeryville**, **Albany**, **San Leandro**, **San Lorenzo**, **Castro Valley**, and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (*Horizontal hillside dewatering and dewatering for construction period only), shall cost $300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects
Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **James Yoo at 510-670-6633** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:
A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars).

To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors. The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices. If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement
Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis
Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website (www.acgov.org/pwa/wells/index.shtml) for links to additional forms.

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: 02/13/2007 By jamesy

Permit Numbers: W2007-0138 to W2007-0142
Permits Valid from 02/20/2007 to 02/21/2007

Application Id: 1171041580365
Site Location: 1125 67th Street
Project Start Date: 02/20/2007

City of Project Site: Oakland
Completion Date: 02/21/2007

Applicant: Gribi Associates - Aaron Garcia
1090 Adams Street Suite K, Benicia, CA 94510
Phone: 707-748-7743

Property Owner: John Buschini
1260 Shell Circle, Clayton, CA 94517
Phone: --

Client: John Buschini
1260 Shell Circle, Clayton, CA 94517
Phone: --

Contact: Matt Rosman
Phone: 707-748-7743
Cell: 707-718-8613

Total Due: $1500.00
Receipt Number: WR2007-0069 **Total Amount Paid:** $1500.00
Payer Name : James E. Gribi Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 5 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: DP

Work Total: $1500.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2007-0138	02/13/2007	05/21/2007	MW-1	2.50 in.	0.75 in.	5.00 ft	20.00 ft
W2007-0139	02/13/2007	05/21/2007	MW-2	2.50 in.	0.75 in.	5.00 ft	20.00 ft
W2007-0140	02/13/2007	05/21/2007	MW-3	2.50 in.	0.75 in.	5.00 ft	20.00 ft
W2007-0141	02/13/2007	05/21/2007	MW-4	2.50 in.	0.75 in.	5.00 ft	20.00 ft
W2007-0142	02/13/2007	05/21/2007	MW-5	2.50 in.	0.75 in.	5.00 ft	20.00 ft

Specific Work Permit Conditions

1. 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.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. 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.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 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. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

7. Minimum surface seal thickness is two inches of cement grout placed by tremie

8. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

9. 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.

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX B

SOIL BORING LOGS

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-8**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/18/2006

COMPLETION DATE: 12/18/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Concrete and base.	
					CL	1.0 - 4.0 ft. **Clay (CL)** Dark grey to black, moist, stiff, no odor or staining.	
					CL	4.0 - 6.0 ft. **Clay (CL)** Black becoming grey, moist, stiff, no odor or staining.	
					ML	6.0 - 8.0 ft. **Silt (ML)** Grey-brown, moist, no odor or staining.	
						8.0 - 9.0 ft. **Silt (ML)** Grey-brown, moist, no odor or staining.	
10					SP	9.0 - 11.0 ft. **Sand (SP)** Brown, fine to medium grain sands, some fine gravel, slightly silty/clayey, moist, no odor or staining.	
	B-8-11'	11.0 FT.			CL	11.0 - 12.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, no odor or staining.	
						12.0 - 13.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, no odor or staining.	
					SW	13.0 - 16.0 ft. **Sand (SW)** Orange-brown, fine to coarse grain sands, slightly silty/clayey, moist, some fine gravel, no odor or staining.	
	B-8-18'	18.0 FT.			CL	16.0 - 20.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, slightly sandy, no odor or staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-9**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE:

COMPLETION DATE:

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH:

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Concrete and base.	
					CL	1.0 - 3.5 ft. **Clay (CL)** Black, moist, stiff, no odor or staining.	
					ML	3.5 - 5.0 ft. **Silt (ML)** Light grey-brown, moist, no odor or staining.	
	B-9-7.5'	7.5 FT.			CL	5.0 - 8.0 ft. **Clay (CL)** Brown, moist, very stiff, slightly silty, no odor or staining.	
10					CL	8.0 - 11.0 ft. **Clay (CL)** Brown, moist, very stiff, slightly silty, no odor or staining.	
	B-9-11.5	11.5 FT.			SC	11.0 - 12.0 ft. **Clay Sand (SC)** Brown, fine to medium grain, moist, no odor or staining.	
					CL	12.0 - 16.0 ft. **Clay (CL)** Brown becoming light grey brown, stiff, moist, slightly silty, no odor or staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-10**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/18/2006

COMPLETION DATE: 12/18/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Concrete and base.	
						1.0 - 4.0 ft. **NO RECOVERY**	
					ML	4.0 - 6.0 ft. **Silt (ML)** Light brown, slight moisture, slightly clayey, no odor or staining.	
					CL	6.0 - 8.0 ft. **Clay (CL)** Light brown, slightly silty, very stiff, no odor or staining.	
	B-10-7.5'	7.5 FT.					
10					CL	8.0 - 12.0 ft. **Clay (CL)** Light brown, very stiff, increasing silt content with depth, sandy/gravelly clay from 11-12', no odor or staining.	
					CL	12.0 - 16.0 ft. **Clay (CL)** Light brown becoming light grey brown, moist, stiff to very stiff, slightly to moderately silty, slightly sandy, no odor or staining.	
					CL	16.0 - 20.0 ft. **Clay (CL)** Light grey-brown, moist becoming wet, slightly to moderately silty, slightly sandy, sand increasing with depth, very sandy in shoe, no odor or staining.	
	B-10-19'	19.0 FT.					
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-11**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/19/2006

COMPLETION DATE: 12/19/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Asphalt and base.	
					CL	1.0 - 3.0 ft. **Clay (CL)** Dark grey to black, moist, very stiff, no odor or staining.	
						3.0 - 4.0 ft. **Silty Clay (CL)** Light brown, moist, slightly sandy, no odor or staining.	
					SC/ SM	4.0 - 8.0 ft. **Clayey Sand (SC)** Brown, moist, silty, angular fine to coarse grain sands, no odor or staining.	
10	B-10-10'	10.0 FT.			CL	8.0 - 12.0 ft. **Clay (CL)** Brown, moist, very stiff, slightly silty, slightly sandy, zones of increased silt/sand content, no odor or staining	
					CL	12.0 - 16.0 ft. **Clay (CL)** Brown, moist, very stiff, slightly silty, slightly sandy, zones of increased silt/sand content, no odor or staining.	
					CL	16.0 - 17.0 ft. **Clay (CL)** Brown, moist, very stiff, slightly silty, slightly sandy, no odor or staining.	
	B-11-17'	17.0 FT.			SC	17.0 - 20.0 ft. Clayey Sand (SC) Brown, moist to wet, fine to medium grain sands, some fine gravels between 18-18.5', no odor or staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-12**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/19/2006

COMPLETION DATE: 12/19/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Concrete and base.	
					CL	1.0 - 3.0 ft. **Clay (CL)** Dark grey to black, moist, stiff, slight hydrocarbon odor.	
	B-12-3.0'	3.0 FT.			CL	3.0 - 4.0 ft. **Silty Clay (CL)** Grey, moist, stiff, slight to moderate hydrocarbon odor.	
					CL	4.0 - 8.0 ft. **Silty, Sandy Clay (CL)** Grey (stained), moist, medium stiff, moderate hydrocarbon odor, odor decreasing with depth, very sandy (fine to coarse grain) between 4-6'.	
	B-12-7.5'	7.5 FT.					
10					CL	8.0 - 12.0 ft. **Silty Clay (CL)** Brown, moist, very stiff, slightly sandy, no odor or staining.	
					CL	12.0 - 16.0 ft. **Clay (CL)** Brown, moist, very stiff, slightly silty, slightly sandy, no odor or staining.	
	B-12-15.5'	15.5 FT.					
					CL	16.0 - 20.0 ft. **Clay (CL)** Brown becoming grey-brown, very stiff, slightly silty, slightly sandy, no odor or staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-13**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/19/2006

COMPLETION DATE: 12/19/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Asphalt and base.	
					CL	1.0 - 3.0 ft. **Clay (CL)** Grey (stained), moist, stiff, slight to moderate hydrocarbon odor.	
	B-13-3.0'	3.0 FT.			ML	3.0 - 4.0 ft. **Silt (ML)** Grey (stained), moist, slight to moderate hydrocarbon odor.	
					CL	4.0 - 6.0 ft. **Silty Clay (CL)** Grey (stained), moist, very stiff, slight to moderate hydrocarbon odor.	
	B-13-6.0'	6.0 FT.			SC/ SM	6.0 - 8.0 ft. **Silty, Clayey Sands (SM-SC)** Grey (stained) moist, fine to medium grain sands, slight to moderate hydrocarbon odor - decreasing with depth.	
10					CL	8.0 - 12.0 ft. **Clay (CL)** Brown becoming grey brown, moist, stiff to very stiff, slightly silty, some very fine grain sands, no odor or staining	
	B-13-11.5'	11.5 FT.			CL	12.0 - 16.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, some very fine grain sands, slightly silty, no odor or staining.	
					CL	16.0 - 20.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, some very fine grain sands, very sandy/silty and wet between 18-19', no odor or staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-14**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/19/2006

COMPLETION DATE: 12/19/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.5 ft. Grass and Fill.	
					CL	1.5 - 4.0 ft. **Clay (CL)** Dark grey to black, moist, stiff, moderately silty from 3-4', no odor or staining.	
					CL	4.0 - 7.0 ft. **Silty Clay (CL)** Light grey, very stiff, most, some very fine grain sands, no odor or staining.	
	B-14-7.5'	7.5 FT.			SC	7.0 - 8.0 ft. **Clayey Sand (SC)** Grey, moist, fine grain with some coarse grain sands and fine gravel, no odor or staining.	
10					CL	8.0 - 12.0 ft. **Clay (CL)** Grey becoming grey-brown, moist, very stiff, slightly silty, some very fine grain sands, no odor or staining.	
					CL	12.0 - 16.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, some very fine grain sands, very sandy between sandy between 14-15.5', no odor or staining.	
	B-13-15'	15.0 FT.			CL	16.0 - 17.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, some very fine grain sands, no odor or staining.	
					SC	17.0 - 19.5 ft. **Clayey Sand (SC)** Grey becoming brown, moist to wet, fine grain sand with some coarse sands and fine gravel, no odor or staining.	
20					CL	19.5 - 20.0 ft. **Sandy Clay (CL)** Brown, moist, very stiff, very fine grain sands with some coarse sands and fine gravel, no odor or staining.	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-15**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/19/2006

COMPLETION DATE: 12/19/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Asphalt and base.	
					CL	1.0 - 3.0 ft. **Clay (CL)** Grey (stained), moist, stiff, slight to moderate hydrocarbon odor.	
	B-15-3.5'	3.5 FT.			ML	3.0 - 4.0 ft. **Silt (ML)** Grey (stained), moist, slight to moderate hydrocarbon odor.	
	B-15-6.0'	6.0 FT.			CL	4.0 - 8.0 ft. **Clay (CL)** Grey (stained) becoming grey-brown, stiff to very stiff, slightly silty-decreasing with depth, slight to moderate hydrocarbon odor - decreasing with depth.	
10					CL	8.0 - 12.0 ft. **Clay (CL)** Grey-brown,moist, very stiff, slightly silty, becoming slightly sandy at 11', no odor or staining.	
	B-15-11.5'	11.5 FT.			CL	12.0 - 14.0 ft. **Clay (CL)** Grey-brown, moist, very stiff, slightly silty, slightly sandy, no odor or staining.	
					CL	14.0 - 16.0 ft. **Sandy Clay (CL)** Grey-brown, moist, very fine grain sands, slightly silty, very stiff, no odor or staining.	
					CL	16.0 - 19.0 ft. **Sandy Clay (CL)** Orange -brown, moist, interbedded zones of clayey sands, fine grain with some angular coarse grain sands, no odor or staining.	
20					CL	19.0 - 20.0 ft. **Sandy Clay (CL)** Grey-brown, moist, very stiff, very fine grain sands, moderately silty, no odor or staining.	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-16**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/19/2006

COMPLETION DATE: 12/19/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Concrete and base.	
					CL	1.5 - 4.0 ft. **Clay (CL)** Grey (stained), moist, stiff, slightly silty, slight to moderate hydrocarbon odor.	
	B-16-4.0'	4.0 FT.			CL	4.0 - 7.0 ft. **Silty Clay (CL)** Grey (stained), moist, very stiff, slight to moderate hydrocarbon odor.	
					SC/ SM	7.0 - 8.0 ft. **Silty, Clayey Sand (SM/SC)** Grey (stained), moist, fine grain with some coarse grain sands and fine gravel, slight to moderate hydrocarbon odor.	
					CL	8.0 - 10.5 ft. **Sandy Clay (CL)** Grey (stained) becoming brown, moist, very stiff, fine grain sands, moderate hydrocarbon odor - decreasing with depth.	
10	B-16-9.5'	9.5 FT.					
					SC	10.5 - 13.0 ft. **Clayey Sand (SC)** Brown, moist, fine to coarse grain sands, clay content increasing with depth, no odor or staining.	
					CL	13.0 - 16.0 ft. **Silty Clay (CL)** Brown, moist, medium stiff, no odor or staining.	
	B-16-15.0'	15.0 FT.			CL	16.0 - 17.5 ft. **Silty Clay (CL)** Brown, moist, medium stiff to stiff, no odor or staining.	
					SC	17.5 - 20.0 ft. **Clayey Sand (SC)** Brown, moist to wet, fine to coarse grain sands with some fine gravel, no odor or staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-17**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/18/2006

COMPLETION DATE: 12/18/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.5 ft. Asphalt and base.	
					CL	1.5 - 4.0 ft. **Clay (CL)** Black, moist, stiff, no odor or staining.	
					CL	4.0 - 5.0 ft. **Clay (CL)** Black, moist, stiff, slight hydrocarbon odor.	
					SM	5.0 - 8.0 ft. **Silty Sand (SM)** Grey (stained), fine-grain, moist, moderate hydrocarbon odor, coarse sands from 7-8'	
	B-17-7.5'	7.5 FT.			SM	8.0 - 12.0 ft. **Silty Sand (SM)** Grey becoming brown, moderate hydrocarbon odor decreasing to slight hydrocarbon odor, fine to medium sands with some coarse sands to fine gravel, moist	
10							
	B-18-11.5'	11.5 FT.			SM	12.0 - 13.0 ft. **Silty Sand (SM)** Brown, slight hydrocarbon odor, fine to medium sands with some coarse sands to fine gravel, wet.	
					CL	13.0 - 16.0 ft. **Clay (CL)** Mottled grey and brown, slightly silty, some fine-grain sands, very stiff, no odor/staining.	
20							

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-18**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 12/18/2006

COMPLETION DATE: 12/18/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.0 ft. Asphalt and base.	
						0.5 - 4.0 ft. **NO RECOVERY** - rock in shoe.	
					SM	4.0 - 8.0 ft. **Silty Sand (SM)** Grey (stained), fine-grain, moist, moderate	
	B-18-7.5'	7.5 FT.					
10					SM	8.0 - 11.0 ft. **Silty Sand (SM)** Grey (stained), fine-grain, some coarse grain from 9-10', moist, moderate hydrocarbon odor.	
	B-18-11'	11.0 FT.			CL	11.0 - 12.0 ft. **Clay (CL)** Grey (stained), slightly silty, moist, very stiff, moderate hydrocarbon odor.	
					CL	12.0 - 16.0 ft. **Clay (CL)** Mottled brown and light grey, moist, stiff, no odor or staining	
					CL	16.0 - 19.0 ft. **Clay (CL)** Mottled brown and light grey, becoming grey from 18-19', increased silt content from 18-19' moist, stiff, no odor or staining	
	B-18-19'	19.0 FT.					
20					SM	19.0 - 20.0 ft. **Silty Sand (SM)** Orange-brown, moist to wet, fine grain with some coarse sand to fine gravel, no odor or staining.	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **B-19**

BORING LOCATION: 1175 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: SOIL BORING

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-001

START DATE: 04/03/2006

COMPLETION DATE: 04/03/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.25 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0.0 - 1.5 ft. Asphalt and base.	
					CL	1.5 - 4.0 ft. **Clay (CL)** Black, moist, stiff, no odor or staining.	
					CL	4.0 - 5.0 ft. **Clay (CL)** Black, moist, stiff, no odor or staining.	
					ML	5.0 - 8.0 ft. **Silt (ML)** Grey, moist, slightly clayey, slight hydrocarbon odor.	
	B-19-7.5'	7.5 FT.					
10	B-19-10'	10.0 FT.			SM	8.0 - 12.0 ft. **Silty Sand (SM)** Grey (stained), fine-grain, some coarse grain from 9-11', moist, very silty from 11-12', moderate hydrocarbon odor.	
					SM	12.0 - 16.0 ft. **Silty Sand (SM)** Grey (stained), fine-grain, thin zones of coarse sand to fine gravel from 9-11', moist, very silty from 11-12', slight to moderate hydrocarbon odor - decreasing with depth.	
	B-19-15'	15.0 FT.			SM	16.0 - 17.5 ft. **Silty Sand (SM)** Grey (stained), fine-grain, some coarse sand to fine gravel, moist to wet, none to slight hydrocarbon odor - decreasing .	
20					CL	17.5 - 20.0 ft. **Clayey Sand (SC)** Brown, moist to wet, fine grain sands	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **MW-1**

BORING LOCATION: 1125 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: MONITORING WELL

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-01

START DATE: 02/26/2007

COMPLETION DATE: 02/26/2007

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: HOLLOW-STEM AUGER

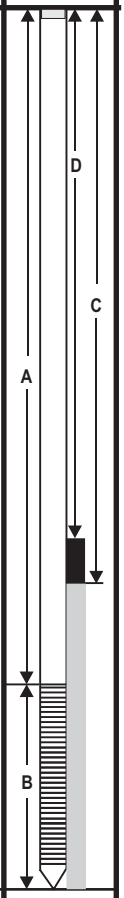
BOREHOLE DIAMETER: 6 INCHES

COMPLETION METHOD: MONITORING WELL

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 1.0 ft. Asphalt and fill.
					GW	1.0 - 13.0 ft. **Sandy Gravel (GW)** Grey, apparent backfill, no odor or staining.
10					CL	13.0 - 14.0 ft. **Clay (CL)** Brown, slightly silty, stiff, no odor or staining.
					SP	14.0 - 18.0 ft. **Silty Sand (SM)** Grey-brown, very fine grain, moist to wet, medium stiff to stiff, no odor or staining.
20					CL	18.0 - 20.0 ft. **Clay (CL)** Grey-brown, very gravelly - fine to medium, slightly sandy, stiff no odor or staining
30						



WELL SPECIFICATIONS

A - WELL SCREEN DEPTH:	15.50 FT	CASING TYPE: SCH 40 PVC
B - WELL SCREEN LENGTH:	20.00 FT	CASING SIZE: 1”
C - DEPTH TO TOP OF SAND:	13.00 FT	SLOT SIZE: 0.02”
D - DEPTH BENTONITE SEAL:	12.00 FT	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **MW-2**

BORING LOCATION: 1125 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: MONITORING WELL

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-01

START DATE: 02/26/2007

COMPLETION DATE: 02/26/2007

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: HOLLOW-STEM AUGER

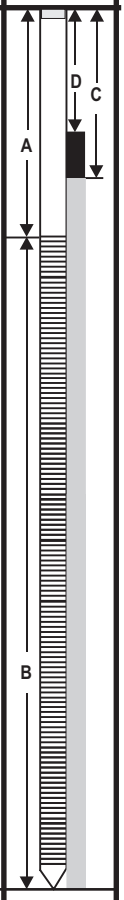
BOREHOLE DIAMETER: 6 INCHES

COMPLETION METHOD: MONITORING WELL

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 3.0 ft. Asphalt and fill (fill).
					CL	3.0 - 7.0 ft. **Clay (CL)** Dark grey, hard, stiff, no odor or staining.
10					CL	7.0 - 11.0 ft. **Silty Clay (CL)** Grey, hard, stiff, slight hydrocarbon odor.
					CL	11.0 - 17.0 ft. **Sandy Clay (CL)** Grey, very fine grain, very stiff, slight hydrocarbon odor.
						17.0 - 19.0 ft. **Gravelly Clay (CL)** Brown, fine to medium grain gravel, soft, no odor or staining.
20					SC	19.0 - 20.0 ft. **Clayey Sand (SC)** Light grey, stiff, fine to medium grain, no odor or staining
30						



WELL SPECIFICATIONS

A - WELL SCREEN DEPTH:	5.50 FT	CASING TYPE: SCH 40 PVC
B - WELL SCREEN LENGTH:	15.00 FT	CASING SIZE: 1”
C - DEPTH TO TOP OF SAND:	4.00 FT	SLOT SIZE: 0.02”
D - DEPTH BENTONITE SEAL:	3.00 FT	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **MW-3**

BORING LOCATION: 1125 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: MONITORING WELL

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-01

START DATE: 02/26/2007

COMPLETION DATE: 02/26/2007

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: HOLLOW-STEM AUGER

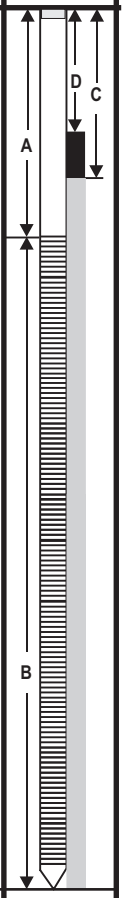
BOREHOLE DIAMETER: 6 INCHES

COMPLETION METHOD: MONITORING WELL

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 4.0 ft. Concrete and Fill.
					ML	4.0 - 10.0 ft. **Silt (ML)** Brown, slight to moderately clayey, stiff to very stiff, moist, no odor or staining.
10					CL	10.0 - 12.0 ft. **Sandy Clay (CL)** Brown, fine to medium grain sands, some fine gravel, stiff, no odor or staining.
					CL	12.0 - 18.0 ft. **Silty Clay (CL)** Brown, moist, stiff, no odor or staining.
20					CL	18.0 - 20.0 ft. **Sandy Clay (CL)** Brown, slight to moderately sandy - fine grain, some fine gravel, very stiff, no odor or staining.
30						



WELL SPECIFICATIONS

A - WELL SCREEN DEPTH:	5.50 FT	CASING TYPE: SCH 40 PVC
B - WELL SCREEN LENGTH:	15.00 FT	CASING SIZE: 1”
C - DEPTH TO TOP OF SAND:	4.00 FT	SLOT SIZE: 0.02”
D - DEPTH BENTONITE SEAL:	3.00 FT	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **MW-4**

BORING LOCATION: 1125 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: MONITORING WELL

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-01

START DATE: 02/26/2007

COMPLETION DATE: 02/26/2007

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: HOLLOW-STEM AUGER

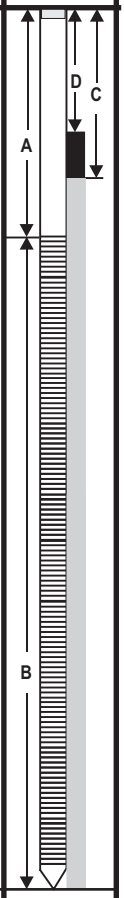
BOREHOLE DIAMETER: 6 INCHES

COMPLETION METHOD: MONITORING WELL

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 3.0 ft. Fill.
					CL	3.0 - 130 ft. **Silty Clay (CL)** Brown, stiff, no odor or staining.
10					CL	13.0 - 16.0 ft. **Sandy Clay (CL)** Grey, moist, fine grain sands, stiff, no odor or staining
					CL	16.0 - 20.0 ft. **Silty Clay (CL)** Brown, some fine gravel, very stiff, moist, no odor or staining.
20						
30						



WELL SPECIFICATIONS

A - WELL SCREEN DEPTH:	5.50 FT	CASING TYPE: SCH 40 PVC
B - WELL SCREEN LENGTH:	15.00 FT	CASING SIZE: 2”
C - DEPTH TO TOP OF SAND:	4.00 FT	SLOT SIZE: 0.02”
D - DEPTH BENTONITE SEAL:	3.00 FT	

LOG OF SOIL BORING

GRIBI ASSOCIATES

BORING NUMBER : **MW-5**

BORING LOCATION: 1125 67TH STREET
OAKLAND, CALIFORNIA

BORING TYPE: MONITORING WELL

PROJECT NAME: ST. FRANCIS PIE SHOP

PROJECT NUMBER: 320-01-01

START DATE: 02/26/2007

COMPLETION DATE: 02/26/2007

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: HOLLOW-STEM AUGER

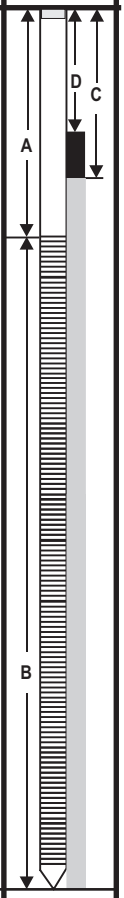
BOREHOLE DIAMETER: 6 INCHES

COMPLETION METHOD: MONITORING WELL

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH:

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 3.0 ft. Asphalt and Fill.
					CL	3.0 - 10.0 ft. **Silt (ML)** Brown, slight to moderately clayey, stiff to very stiff, moist, no odor or staining.
10					CL	10.0 - 13.0 ft. **Clay (CL)** Brown, slight to moderately silty, stiff, moist, no odor or staining.
					CL	13.0 - 16.0 ft. **Silty Clay (CL)** Brown, slightly silty, very stiff, no odor or staining.
20					CL	16.0 - 20.0 ft. **Clay (CL)** Brown, some fine gravel, very stiff to hard, no odor or staining.
30						



WELL SPECIFICATIONS

A - WELL SCREEN DEPTH:	5.51 FT	CASING TYPE: SCH 40 PVC
B - WELL SCREEN LENGTH:	15.00 FT	CASING SIZE: 1”
C - DEPTH TO TOP OF SAND:	4.00 FT	SLOT SIZE: 0.02”
D - DEPTH BENTONITE SEAL:	3.00 FT	

APPENDIX C

LABORATORY DATA REPORTS AND CHAIN OF CUSTODY RECORDS

27 December 2006

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

RE: St Francis Pie Shop

Enclosed are the results of analyses for samples received by the laboratory on 12/21/06 09:19. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas For Maria Bonifacio
Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-18-7.5'	T601744-01	Soil	12/18/06 09:10	12/21/06 09:19
B-18-11'	T601744-02	Soil	12/18/06 09:20	12/21/06 09:19
B-18-19'	T601744-03	Soil	12/18/06 09:30	12/21/06 09:19
B-19-7.5'	T601744-04	Soil	12/18/06 09:50	12/21/06 09:19
B-19-10'	T601744-05	Soil	12/18/06 10:05	12/21/06 09:19
B-19-15'	T601744-06	Soil	12/18/06 10:10	12/21/06 09:19
B-17-11.5'	T601744-07	Soil	12/18/06 10:50	12/21/06 09:19
B-17-7.5'	T601744-08	Soil	12/18/06 10:45	12/21/06 09:19
B-10-7.5'	T601744-09	Soil	12/18/06 11:50	12/21/06 09:19
B-10-19'	T601744-10	Soil	12/18/06 12:05	12/21/06 09:19
B-9-7.5'	T601744-11	Soil	12/18/06 12:35	12/21/06 09:19
B-9-11.5'	T601744-12	Soil	12/18/06 12:40	12/21/06 09:19
B-8-11'	T601744-13	Soil	12/18/06 13:25	12/21/06 09:19
B-8-18'	T601744-14	Soil	12/18/06 13:40	12/21/06 09:19
B-11-10'	T601744-15	Soil	12/19/06 00:00	12/21/06 09:19
B-11-17'	T601744-16	Soil	12/19/06 00:00	12/21/06 09:19
B-12-3.0	T601744-17	Soil	12/19/06 00:00	12/21/06 09:19
B-12-7.5	T601744-18	Soil	12/19/06 00:00	12/21/06 09:19
B-12-15.5	T601744-19	Soil	12/19/06 00:00	12/21/06 09:19
B-13-3.0	T601744-20	Soil	12/19/06 00:00	12/21/06 09:19
B-13-6.0	T601744-21	Soil	12/19/06 00:00	12/21/06 09:19
B-13-11.5	T601744-22	Soil	12/19/06 00:00	12/21/06 09:19
B-14-7.5	T601744-23	Soil	12/19/06 00:00	12/21/06 09:19
B-14-15.0	T601744-24	Soil	12/19/06 00:00	12/21/06 09:19
B-15-3.5	T601744-25	Soil	12/19/06 00:00	12/21/06 09:19
B-15-6.0	T601744-26	Soil	12/19/06 00:00	12/21/06 09:19
B-15-11.5	T601744-27	Soil	12/19/06 00:00	12/21/06 09:19
B-16-4.0	T601744-28	Soil	12/19/06 00:00	12/21/06 09:19
B-16-9.5	T601744-29	Soil	12/19/06 00:00	12/21/06 09:19

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-16-15.0	T601744-30	Soil	12/19/06 00:00	12/21/06 09:19
B-19-GW	T601744-31	Water	12/18/06 10:20	12/21/06 09:19
B-17-GW	T601744-32	Water	12/18/06 11:05	12/21/06 09:19
B-10-GW	T601744-33	Water	12/18/06 13:10	12/21/06 09:19
B-8-GW	T601744-34	Water	12/18/06 13:45	12/21/06 09:19
B-18-GW	T601744-35	Water	12/18/06 14:30	12/21/06 09:19
B-9-GW	T601744-36	Water	12/19/06 00:00	12/21/06 09:19
B-11-GW	T601744-37	Water	12/19/06 00:00	12/21/06 09:19
B-12-GW	T601744-38	Water	12/19/06 00:00	12/21/06 09:19
B-13-GW	T601744-39	Water	12/19/06 00:00	12/21/06 09:19
B-14-GW	T601744-40	Water	12/19/06 00:00	12/21/06 09:19
B-15-GW	T601744-41	Water	12/19/06 00:00	12/21/06 09:19
B-16-GW	T601744-42	Water	12/19/06 00:00	12/21/06 09:19

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-18-7.5'
T601744-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**100**	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	D-02
Surrogate: Chrysene		*130 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**270**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	**34**	2.0	"	"	"	"	"	"	
Ethylbenzene	**850**	2.0	"	"	"	"	"	"	
m,p-Xylene	**13000**	40	"	10	"	"	12/22/06	"	
o-Xylene	**940**	2.0	"	1	"	"	12/22/06	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**240**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**440**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**550000**	25000	"	50	"	"	12/23/06	"	
Surrogate: Toluene-d8		*97.4 %*	*85.5-116*		"	"	*12/22/06*	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*81.2-123*		"	"	*12/23/06*	"	
Surrogate: Dibromofluoromethane		*101 %*	*90-135*		"	"	*12/22/06*	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-18-11'
T601744-02 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**100**	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	D-02
Surrogate: Chrysene		*109 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**210**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	**47**	2.0	"	"	"	"	"	"	
Ethylbenzene	**1200**	10	"	5	"	"	12/22/06	"	
m,p-Xylene	**5300**	20	"	"	"	"	"	"	
o-Xylene	**1400**	10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	1	"	"	12/22/06	"	
Tert-butyl alcohol	**200**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**360**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**220000**	2500	"	5	"	"	12/22/06	"	
Surrogate: Toluene-d8		*93.8 %*	*85.5-116*		"	"	*12/22/06*	"	
Surrogate: 4-Bromofluorobenzene		*156 %*	*81.2-123*		"	"	*12/22/06*	"	*S-GC*
Surrogate: Dibromofluoromethane		*92.3 %*	*90-135*		"	"	*12/22/06*	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-18-19'
T601744-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*92.7 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-19-7.5'
T601744-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*101 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.7 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.1 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-19-10'
T601744-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**89**	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	D-02
Surrogate: Chrysene		*97.8 %*	*65-135*		*"*	*"*	*"*	*"*	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**6.8**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	**5.9**	2.0	"	"	"	"	"	"	
Ethylbenzene	**380**	10	"	5	"	"	12/22/06	"	
m,p-Xylene	**250**	4.0	"	1	"	"	12/22/06	"	
o-Xylene	**33**	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**38000**	2500	"	5	"	"	12/22/06	"	
Surrogate: Toluene-d8		*94.8 %*	*85.5-116*		*"*	*"*	*12/22/06*	*"*	
Surrogate: 4-Bromofluorobenzene		*122 %*	*81.2-123*		*"*	*"*	*12/22/06*	*"*	
Surrogate: Dibromofluoromethane		*90.2 %*	*90-135*		*"*	*"*	*12/22/06*	*"*	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-19-15'
T601744-06 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**3.3**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**5.6**	2.0	"	"	"	"	"	"	
m,p-Xylene	**4.9**	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*93.4 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.0 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-17-11.5'
T601744-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*114 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**4.2**	2.0	"	"	"	"	"	"	
m,p-Xylene	**4.6**	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**690**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**14**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.9 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-17-7.5'
T601744-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**69**	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	D-02
Surrogate: Chrysene		*118 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**9.5**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	**2.2**	2.0	"	"	"	"	"	"	
Ethylbenzene	**190**	2.0	"	"	"	"	"	"	
m,p-Xylene	**19**	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**120**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**60**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**55000**	500	"	"	"	"	"	"	E
Surrogate: Toluene-d8		*95.6 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*180 %*	*81.2-123*		"	"	"	"	*S-GC*
Surrogate: Dibromofluoromethane		*94.8 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-10-7.5'
T601744-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*85.6 %*	*65-135*		*"*	*"*	*"*	*"*	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*85.5-116*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*81.2-123*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*101 %*	*90-135*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-10-19'
T601744-10 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*96.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.3 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-9-7.5'
T601744-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*125 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.7 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.4 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-9-11.5'
T601744-12 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*115 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-8-11'
T601744-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*112 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.1 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-8-18'
T601744-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*112 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-11-10'
T601744-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*123 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.9 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-11-17'
T601744-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*110 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	**2.1**	2.0	"	"	"	"	"	"	
Ethylbenzene	**4.0**	2.0	"	"	"	"	"	"	
m,p-Xylene	**12**	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.3 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-12-3.0
T601744-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*80.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**10**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**21**	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	**9.5**	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**1200**	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-12-7.5
T601744-18 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*116 %*	*65-135*		*"*	*"*	*"*	*"*	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**15**	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**430**	2.0	"	"	"	"	"	"	
m,p-Xylene	**330**	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**190000**	2500	"	5	"	"	12/22/06	"	
Surrogate: Toluene-d8		*95.2 %*	*85.5-116*		*"*	*"*	*12/22/06*	*"*	
Surrogate: 4-Bromofluorobenzene		*144 %*	*81.2-123*		*"*	*"*	*12/22/06*	*"*	*S-GC*
Surrogate: Dibromofluoromethane		*92.8 %*	*90-135*		*"*	*"*	*12/22/06*	*"*	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-12-15.5
T601744-19 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*79.7 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	**20**	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**220**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**680**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*90-135*		"	"	"	"	

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-13-3.0
T601744-20 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122111	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*128 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122109	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-13-6.0
T601744-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*128 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**8.1**	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**9.6**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**11000**	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.8 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-13-11.5
T601744-22 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*88.1 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	**7.1**	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**100**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**210**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.4 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-14-7.5
T601744-23 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*91.1 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-14-15.0
T601744-24 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*82.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.6 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.0 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-15-3.5
T601744-25 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*94.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	**7.0**	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**130**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**160**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-15-6.0
T601744-26 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*82.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	**8.4**	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	**100**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**220**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.3 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.6 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-15-11.5
T601744-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*98.3 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	**14**	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**470**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.4 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*90-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-16-4.0
T601744-28 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*94.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/21/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.5 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*90-135*		"	"	"	"	

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-16-9.5
T601744-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*93.0 %*	*65-135*		*"*	*"*	*"*	*"*	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**180**	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**81**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	**180000**	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.9 %*	*85.5-116*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*228 %*	*81.2-123*		*"*	*"*	*"*	*"*	*S-GC*
Surrogate: Dibromofluoromethane		*96.5 %*	*90-135*		*"*	*"*	*"*	*"*	

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-16-15.0
T601744-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	6122112	12/21/06	12/22/06	EPA 8015m	
Surrogate: Chrysene		*66.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	2.0	ug/kg	1	6122110	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	**18**	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**13**	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*92.2 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*90-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-19-GW
T601744-31 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**3.5**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-08
Surrogate: Chrysene		*95.8 %*	*65-135*		*"*	*"*	*"*	*"*	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**380**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	**36**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1400**	5.0	"	10	"	"	12/23/06	"	
m,p-Xylene	**1800**	10	"	"	"	"	"	"	
o-Xylene	**74**	0.50	"	1	"	"	12/22/06	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**29000**	500	"	10	"	"	12/23/06	"	
Surrogate: Toluene-d8		*111 %*	*88.8-117*		*"*	*"*	*12/22/06*	*"*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*97.2 %*	*78.6-135*		*"*	*"*	*"*	*"*	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-17-GW
T601744-32 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**0.64**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-08
Surrogate: Chrysene		*110 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**26**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**49**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.8**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**9300**	100	"	10	"	"	12/23/06	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	12/22/06	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**270**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**2400**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-10-GW
T601744-33 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	
Surrogate: Chrysene		*97.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**4.3**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**420**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**140**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*78.6-135*		"	"	"	"	

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-8-GW
T601744-34 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	
Surrogate: Chrysene		*91.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**43**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1800**	20	"	20	"	"	12/23/06	"	
C6-C12 (GRO)	**570**	50	"	1	"	"	12/22/06	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*78.6-135*		"	"	"	"	

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-18-GW
T601744-35 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**0.33**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-08
Surrogate: Chrysene		*94.5 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**430**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	**21**	0.50	"	"	"	"	"	"	
Ethylbenzene	**130**	0.50	"	"	"	"	"	"	
m,p-Xylene	**390**	1.0	"	"	"	"	"	"	
o-Xylene	**96**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**180**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**4100**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96.2 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-9-GW
T601744-36 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	
Surrogate: Chrysene		*94.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	**0.66**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**44**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*78.6-135*		"	"	"	"	

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-11-GW
T601744-37 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	
Surrogate: Chrysene		*88.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.3**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.1**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**29**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1300**	10	"	10	"	"	12/23/06	"	
C6-C12 (GRO)	**420**	50	"	1	"	"	12/22/06	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*78.6-135*		"	"	"	"	

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-12-GW
T601744-38 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**0.23**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-08
Surrogate: Chrysene		*120 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**38**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**34**	0.50	"	"	"	"	"	"	
m,p-Xylene	**29**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**600**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*	*78.6-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-13-GW
T601744-39 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**0.51**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-08
Surrogate: Chrysene		*105 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**2.5**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	**1.2**	0.50	"	"	"	"	"	"	
Ethylbenzene	**14**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**7.5**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**280**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**210**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*78.6-135*		"	"	"	"	

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Albert Vargas

Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-14-GW
T601744-40 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	
Surrogate: Chrysene		*110 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.0**	0.50	"	"	"	"	"	"	
m,p-Xylene	**3.3**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**19**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**270**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*78.6-135*		"	"	"	"	

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-15-GW
T601744-41 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**0.70**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-03
Surrogate: Chrysene		*121 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**1.6**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**32**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1900**	20	"	20	"	"	12/23/06	"	
C6-C12 (GRO)	**530**	50	"	1	"	"	12/22/06	"	
Surrogate: Toluene-d8		*102 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*78.6-135*		"	"	"	"	

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Albert Vargas For Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

B-16-GW
T601744-42 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**0.96**	0.050	mg/l	1	6122113	12/21/06	12/21/06	EPA 8015m	D-08
Surrogate: Chrysene		*117 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**42**	0.50	ug/l	1	6122106	12/21/06	12/22/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**28**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	**8.9**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**78**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**2100**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.0 %*	*78.6-135*		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122111 - EPA 3550B GC										
Blank (6122111-BLK1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*102*		*mg/kg*	*100*		*102*	*65-135*			
Diesel Range Hydrocarbons	ND	5.0	"							
LCS (6122111-BS1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*111*		*mg/kg*	*100*		*111*	*65-135*			
Diesel Range Hydrocarbons	540	5.0	"	500		108	75-125			
Matrix Spike (6122111-MS1)	**Source: T601744-01**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*135*		*mg/kg*	*100*		*135*	*65-135*			
Diesel Range Hydrocarbons	590	5.0	"	500	100	98.0	75-125			
Matrix Spike Dup (6122111-MSD1)	**Source: T601744-01**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*91.4*		*mg/kg*	*100*		*91.4*	*65-135*			
Diesel Range Hydrocarbons	580	5.0	"	500	100	96.0	75-125	1.71	20	
Batch 6122112 - EPA 3550B GC										
Blank (6122112-BLK1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*124*		*mg/kg*	*100*		*124*	*65-135*			
Diesel Range Hydrocarbons	ND	5.0	"							
LCS (6122112-BS1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*89.7*		*mg/kg*	*100*		*89.7*	*65-135*			
Diesel Range Hydrocarbons	470	5.0	"	500		94.0	75-125			
Matrix Spike (6122112-MS1)	**Source: T601744-21**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*94.6*		*mg/kg*	*100*		*94.6*	*65-135*			
Diesel Range Hydrocarbons	500	5.0	"	500	ND	100	75-125			

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122112 - EPA 3550B GC										
Matrix Spike Dup (6122112-MSD1)	**Source: T601744-21**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Chrysene	*97.4*		*mg/kg*	*100*		*97.4*	*65-135*			
Diesel Range Hydrocarbons	470	5.0	"	500	ND	94.0	75-125	6.19	20	
Batch 6122113 - EPA 3510C GC										
Blank (6122113-BLK1)				Prepared & Analyzed: 12/21/06						
Surrogate: Chrysene	*4.18*		*mg/l*	*4.00*		*104*	*65-135*			
Diesel Range Hydrocarbons	ND	0.050	"							
LCS (6122113-BS1)				Prepared & Analyzed: 12/21/06						
Surrogate: Chrysene	*3.90*		*mg/l*	*4.00*		*97.5*	*65-135*			
Diesel Range Hydrocarbons	21.3	0.050	"	20.0		106	75-125			
Matrix Spike (6122113-MS1)	**Source: T601744-31**			Prepared & Analyzed: 12/21/06						
Surrogate: Chrysene	*4.60*		*mg/l*	*4.00*		*115*	*65-135*			
Diesel Range Hydrocarbons	22.7	0.050	"	20.0	3.5	96.0	75-125			
Matrix Spike Dup (6122113-MSD1)	**Source: T601744-31**			Prepared & Analyzed: 12/21/06						
Surrogate: Chrysene	*4.53*		*mg/l*	*4.00*		*113*	*65-135*			
Diesel Range Hydrocarbons	22.1	0.050	"	20.0	3.5	93.0	75-125	2.68	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122106 - EPA 5030 GCMS										
Blank (6122106-BLK1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*40.9*		*ug/l*	*40.0*		*102*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*36.8*		*"*	*40.0*		*92.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*45.8*		*"*	*40.0*		*114*	*78.6-135*			
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
C6-C12 (GRO)	ND	50	"							
LCS (6122106-BS1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*42.0*		*ug/l*	*40.0*		*105*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*37.8*		*"*	*40.0*		*94.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*41.1*		*"*	*40.0*		*103*	*78.6-135*			
Benzene	80.4	0.50	"	100		80.4	75-125			
Toluene	87.4	0.50	"	100		87.4	75-125			
Matrix Spike (6122106-MS1)	**Source: T601744-33**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*41.9*		*ug/l*	*40.0*		*105*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*38.3*		*"*	*40.0*		*95.8*	*83.5-119*			
Surrogate: Dibromofluoromethane	*42.2*		*"*	*40.0*		*106*	*78.6-135*			
Benzene	78.5	0.50	"	100	ND	78.5	75-125			
Toluene	82.1	0.50	"	100	ND	82.1	75-125			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122106 - EPA 5030 GCMS										
Matrix Spike Dup (6122106-MSD1)	**Source: T601744-33**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*41.3*		*ug/l*	*40.0*		*103*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*37.2*		*"*	*40.0*		*93.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*43.6*		*"*	*40.0*		*109*	*78.6-135*			
Benzene	77.6	0.50	"	100	ND	77.6	75-125	1.15	20	
Toluene	81.3	0.50	"	100	ND	81.3	75-125	0.979	20	
Batch 6122109 - EPA 5030 GCMS										
Blank (6122109-BLK1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*98.3*		*ug/kg*	*100*		*98.3*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*109*		*"*	*100*		*109*	*81.2-123*			
Surrogate: Dibromofluoromethane	*95.9*		*"*	*100*		*95.9*	*90-135*			
Benzene	ND	2.0	"							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
C6-C12 (GRO)	ND	500	"							
LCS (6122109-BS1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*102*		*ug/kg*	*100*		*102*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*106*		*"*	*100*		*106*	*81.2-123*			
Surrogate: Dibromofluoromethane	*90.0*		*"*	*100*		*90.0*	*90-135*			
Benzene	245	2.0	"	250		98.0	75-125			
Toluene	245	2.0	"	250		98.0	75-125			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122109 - EPA 5030 GCMS										
Matrix Spike (6122109-MS1)	**Source: T601744-04**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*96.0*		*ug/kg*	*100*		*96.0*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*108*		*"*	*100*		*108*	*81.2-123*			
Surrogate: Dibromofluoromethane	*95.2*		*"*	*100*		*95.2*	*90-135*			
Benzene	184	2.0	"	250	ND	73.6	75-125			QM-05
Toluene	193	2.0	"	250	1.6	76.6	75-125			
Matrix Spike Dup (6122109-MSD1)	**Source: T601744-04**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*97.6*		*ug/kg*	*100*		*97.6*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*106*		*"*	*100*		*106*	*81.2-123*			
Surrogate: Dibromofluoromethane	*93.6*		*"*	*100*		*93.6*	*90-135*			
Benzene	156	2.0	"	250	ND	62.4	75-125	16.5	20	QM-05
Toluene	169	2.0	"	250	1.6	67.0	75-125	13.3	20	QM-05
Batch 6122110 - EPA 5030 GCMS										
Blank (6122110-BLK1)				Prepared & Analyzed: 12/21/06						
Surrogate: Toluene-d8	*97.7*		*ug/kg*	*100*		*97.7*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*98.3*		*"*	*100*		*98.3*	*81.2-123*			
Surrogate: Dibromofluoromethane	*107*		*"*	*100*		*107*	*90-135*			
Benzene	ND	2.0	"							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
C6-C12 (GRO)	ND	500	"							

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/27/06 15:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122110 - EPA 5030 GCMS										
LCS (6122110-BS1)				Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*247*		*ug/kg*	*100*		*247*	*85.5-116*			*S-GC*
Surrogate: 4-Bromofluorobenzene	*106*		*"*	*100*		*106*	*81.2-123*			
Surrogate: Dibromofluoromethane	*99.3*		*"*	*100*		*99.3*	*90-135*			
Benzene	261	2.0	"	250		104	75-125			
Toluene	264	2.0	"	250		106	75-125			
Matrix Spike (6122110-MS1)	**Source: T601744-21**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*102*		*ug/kg*	*100*		*102*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*127*		*"*	*100*		*127*	*81.2-123*			*S-GC*
Surrogate: Dibromofluoromethane	*98.3*		*"*	*100*		*98.3*	*90-135*			
Benzene	175	2.0	"	250	ND	70.0	75-125			QM-05
Toluene	189	2.0	"	250	ND	75.6	75-125			
Matrix Spike Dup (6122110-MSD1)	**Source: T601744-21**			Prepared: 12/21/06 Analyzed: 12/22/06						
Surrogate: Toluene-d8	*97.5*		*ug/kg*	*100*		*97.5*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*129*		*"*	*100*		*129*	*81.2-123*			*S-GC*
Surrogate: Dibromofluoromethane	*99.5*		*"*	*100*		*99.5*	*90-135*			
Benzene	153	2.0	"	250	ND	61.2	75-125	13.4	20	QM-05
Toluene	173	2.0	"	250	ND	69.2	75-125	8.84	20	QM-05

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas For Maria Bonifacio, Project Coordinator

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
D-08	Results in the diesel organics range are primarily due to overlap from a gasoline range product.
D-03	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
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

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

Chain of Custody Record

T601744

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

Date: 12/20/06 Page: 1 Of 4
Project Name: St Francis Pie Shop
Collector: **MATTHEW ROSMAN** Client Project #:
Batch #: 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
B-18-7.5'	12/18	0910	Soil	jar			X			X							01	0		
B-18-11'	12/18	0920	Soil	jar			X			X							02			
B-18-19'	12/18	0930	Soil	jar			X			X							03			
B-19-7.5'	12/18	0950	Soil	jar			X			X							04			
B-19-10'	12/18	1005	Soil	jar			X			X							05			
B-19-15'	12/18	1015	Soil	jar			X			X							06			
B-17-11.5	12/18	1050	Soil	jar			X			X							07			
B-17-7.5'	12/18	1045	Soil	jar			X			X							08			
B-10-7.5'	12/18	1650	Soil	jar			X			X							09			
B-10-19'	12/18	1205	Soil	jar			X			X							10			
B-9-7.5'	12/18	1235	Soil	jar			X			X							11			
B-9-11.5'	12/18	1240	Soil	jar			X			X							12			
B-8-11'	12/18	1325	Soil	jar			X			X							13			
B-8-18'	12/18	1340	Soil	jar			X			X							14			

Relinquished by: (signature) — Date / Time 12.20.06 2:00
Received by: (signature) — Date / Time 12.20.06 2:00
Relinquished by: (signature) — Date / Time 12/21/06 830
Received by: (signature) — Date / Time 12/21/06 830
Relinquished by: (signature) — Date / Time
Received by: (signature) — Date / Time

Total # of containers 14
Chain of Custody seals Y/N/NA Y
Seals intact? Y/N/NA Y
Received good condition/cold Y

Turn around time:

Notes
STD. TAT

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

T601744

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

Date: 12/20/06 Page: 2 Of 4
Project Name: ST FRANCIS Pipe Shop
Collector: ~~JAMES GRIBI~~ M ROSMAN
Batch #: Client Project #:
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
B-11-10'	12/19/06		S				X			X							15			1
B-11-17'							X			X							16			1
B-12-3.0							X			X							17			1
B-12-7.5							X			X							18			1
B-12 15.5							X			X							19			1
B-13-3.0							X			X							20			1
B-13-6.0							X			X							21			1
B-13-11.5							X			X							22			1
B-14-7.5							X			X							23			1
B-14 15.0							X			X							24			1
B-15-3.5							X			X							25			1
B-15 6.0							X			X							26			1
B-15 11.5							X			X							27			1
B-16-4.0							X			X							28			1
B-16-9.5							X			X							29			1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	12-20-06 2:00 PM	Bill Krumm	12-20-06 2:00 PM
GSO	12/21/06 830		12/21/06 830
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 15
Chain of Custody seals Y/N/NA: Y
Seals intact? Y/N/NA: Y
Received good condition/cold: 2°C

Turn around time: _____

Notes
STD. TAT

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

T601744

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

Date: 12/20/06 Page: 3 Of 4
Project Name: St Francis Pie Shop
Collector: M Rosman Client Project #:
Batch #: 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
B-16-15.0	12/19/06		S				X			X							HOLD 30 day			1

Relinquished by: (signature) James Gribi Date / Time 12-20-06 2:30 pm
Received by: (signature) Bill Adams Date / Time 12-20-06 2:40 pm
Relinquished by: (signature) FED EX Date / Time 12/21/06 830
Received by: (signature) [illegible] Date / Time 12/21/06 830
Relinquished by: (signature) Date / Time
Received by: (signature) Date / Time

Total # of containers 1
Chain of Custody seals Y/N/NA Y
Seals intact? Y/N/NA Y
Received good condition/cold 20c

Turn around time:

Notes
STD. TAT

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

T6001744

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

Date: 12/18/2006 Page: 4 Of 4
Project Name: St. Frankis Pie Shop
Collector: **MATTHEW ROSMAN** Client Project #:
Batch #: 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
B-19-GW	12/18	1020	water	VOA			X			X						31	HCl		6
B-17-GW	12/18	1105	water	VOA			X			X						32	HCl		6
B-10-GW	12/18	1310	water	VOA			X			X						33	HCl		6
B-8-GW	12/18	1345	water	VOA			X			X						34	HCl		6
B-18-GW	12/18	1430	water	VOA			X			X						35	HCl		6
B-9-GW	12/19						X			X						36			6
B-11-GW	12/19						X			X						37			6
B-12-GW	12/20						X			X						38			6
B-13-GW	12/19						X			X						39	HCl		6
B-14-GW	12/19						X			X						40	HCl		6
B-15-GW	12/19						X			X						41	HCl		5
B-16-GW	12/19						X			X						42	HCl		6

Relinquished by: (signature) Date / Time 12.20.06 2:30 pm
Relinquished by: (signature) Date / Time 12-21-06
Relinquished by: (signature) Date / Time

Received by: (signature) Date / Time 12.20.06 2:05 pm
Received by: (signature) Date / Time 12/21/06 8:45
Received by: (signature) Date / Time

Total # of containers 71
Chain of Custody seals Y/N/NA Y
Seals intact? Y/N/NA Y
Received good condition/cold 2°C

Notes
STD. TAT

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

Turn around time:

12 April 2007

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

RE: St Francis Pie Shop

Enclosed are the results of analyses for samples received by the laboratory on 03/10/07 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Maria Bonifacio
Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/12/07 16:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T700301-01	Water	03/08/07 15:40	03/10/07 09:00
MW-2	T700301-02	Water	03/08/07 14:30	03/10/07 09:00
MW-3	T700301-03	Water	03/08/07 13:00	03/10/07 09:00
MW-4	T700301-04	Water	03/08/07 12:00	03/10/07 09:00
MW-5	T700301-05	Water	03/08/07 11:00	03/10/07 09:00

SunStar Laboratories, Inc.

Maria Bonifacio, Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/12/07 16:44

MW-1
T700301-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015m									
Diesel Range Hydrocarbons	ND	0.50	mg/l	1	7031209	03/12/07	03/14/07	EPA 8015m	
Surrogate: p-Terphenyl		*99.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7031207	03/12/07	03/15/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**220**	10	"	5	"	"	"	"	
Tert-butyl alcohol	**2500**	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**5800**	50	"	50	"	"	"	"	
C6-C12 (GRO)	**130**	50	"	1	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*88.8 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/12/07 16:44

MW-2
T700301-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015m									
Diesel Range Hydrocarbons	ND	0.50	mg/l	1	7031209	03/12/07	03/14/07	EPA 8015m	
Surrogate: p-Terphenyl		*99.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**5.6**	0.50	ug/l	1	7031207	03/12/07	03/15/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**4.8**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	**40**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**1400**	50	"	5	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**2000**	25	"	25	"	"	"	"	
C6-C12 (GRO)	**210**	50	"	1	"	"	"	"	
Surrogate: Toluene-d8		*99.1 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*87.8 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/12/07 16:44

MW-3
T700301-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015m									
Diesel Range Hydrocarbons	ND	0.50	mg/l	1	7031209	03/12/07	03/14/07	EPA 8015m	
Surrogate: p-Terphenyl		*97.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7031207	03/12/07	03/15/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**11**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.1 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94.6 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/12/07 16:44

MW-4
T700301-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015m									
Diesel Range Hydrocarbons	ND	0.50	mg/l	1	7031209	03/12/07	03/14/07	EPA 8015m	
Surrogate: p-Terphenyl		*92.0 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7031207	03/12/07	03/15/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.6**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.8 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*86.5 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maria Bonifacio, Project Coordinator

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	04/12/07 16:44

MW-5
T700301-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015m									
Diesel Range Hydrocarbons	ND	0.50	mg/l	1	7031209	03/12/07	03/14/07	EPA 8015m	
Surrogate: p-Terphenyl		*91.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	7031207	03/12/07	03/15/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.2**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*90.1 %*	*78.6-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maria Bonifacio, Project Coordinator

Extractable Petroleum Hydrocarbons by 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7031209 - EPA 3510C GC										
Blank (7031209-BLK1)				Prepared: 03/12/07 Analyzed: 03/14/07						
Surrogate: p-Terphenyl	*3.90*		*mg/l*	*4.00*		*97.5*	*65-135*			
Diesel Range Hydrocarbons	ND	0.50	"							
LCS (7031209-BS1)				Prepared: 03/12/07 Analyzed: 03/14/07						
Surrogate: p-Terphenyl	*4.02*		*mg/l*	*4.00*		*100*	*65-135*			
Diesel Range Hydrocarbons	23.7	0.50	"	20.0		118	75-125			
Matrix Spike (7031209-MS1)	**Source: T700308-01**			Prepared: 03/12/07 Analyzed: 03/14/07						
Surrogate: p-Terphenyl	*3.26*		*mg/l*	*4.00*		*81.5*	*65-135*			
Diesel Range Hydrocarbons	19.8	0.50	"	20.0	ND	99.0	75-125			
Matrix Spike Dup (7031209-MSD1)	**Source: T700308-01**			Prepared: 03/12/07 Analyzed: 03/14/07						
Surrogate: p-Terphenyl	*3.88*		*mg/l*	*4.00*		*97.0*	*65-135*			
Diesel Range Hydrocarbons	23.4	0.50	"	20.0	ND	117	75-125	16.7	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7031207 - EPA 5030 GCMS										
Blank (7031207-BLK1)				Prepared: 03/12/07 Analyzed: 03/15/07						
Surrogate: Toluene-d8	*7.84*		*ug/l*	*8.00*		*98.0*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.26*		*"*	*8.00*		*103*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.03*		*"*	*8.00*		*87.9*	*78.6-135*			
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
C6-C12 (GRO)	ND	50	"							
LCS (7031207-BS1)				Prepared: 03/12/07 Analyzed: 03/15/07						
Surrogate: Toluene-d8	*7.93*		*ug/l*	*8.00*		*99.1*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.82*		*"*	*8.00*		*97.8*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.83*		*"*	*8.00*		*85.4*	*78.6-135*			
Benzene	21.0	0.50	"	20.0		105	75-125			
Toluene	19.7	0.50	"	20.0		98.5	75-125			
Matrix Spike (7031207-MS1)	**Source: T700308-03**			Prepared: 03/12/07 Analyzed: 03/15/07						
Surrogate: Toluene-d8	*7.78*		*ug/l*	*8.00*		*97.2*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.22*		*"*	*8.00*		*103*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.83*		*"*	*8.00*		*85.4*	*78.6-135*			
Benzene	17.9	0.50	"	20.0	ND	89.5	75-125			
Toluene	18.1	0.50	"	20.0	ND	90.5	75-125			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7031207 - EPA 5030 GCMS										
Matrix Spike Dup (7031207-MSD1)	**Source: T700308-03**			Prepared: 03/12/07 Analyzed: 03/15/07						
Surrogate: Toluene-d8	*7.95*		*ug/l*	*8.00*		*99.4*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.87*		*"*	*8.00*		*98.4*	*83.5-119*			
Surrogate: Dibromofluoromethane	*6.93*		*"*	*8.00*		*86.6*	*78.6-135*			
Benzene	19.5	0.50	"	20.0	ND	97.5	75-125	8.56	20	
Toluene	19.4	0.50	"	20.0	ND	97.0	75-125	6.93	20	

Notes and Definitions

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

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

Chain of Custody Record

T700301

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

Date: 3/9/07
Page: 1 Of 1
Project Name: ST. FRANCIS PIESHOP
Collector: AARON GARCIA
Batch #: T700301
Client Project #: 224-01-03
Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/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
MW-1	3/8/07	3:45	WATER	VOA												01	HCL		5
MW-2		2:30														02			
MW-3		1:00														03			
MW-4		12:00														04			
MW-5	X	11:00	X	X												05	X		

STD. TAT

	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
		3/9/07 4:37		3/9/07 1030
	GSO	3/10/07 0900		
				3/10/07 0900

Total # of containers: 20
Chain of Custody seals Y/N/NA: Y
Seals intact? Y/N/NA: Y
Received good condition/cold: 3.3°

Notes: NEED . EDF FILE

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

Turn around time: ___