TRANSMITTAL

Environmental Health

Alameda Count

Date:

FEBRUARY 8, 2004

To:

DONNA DROGOS ALAMEDA COUNTY

ENVIRONMENTAL HEALTH

From:

JIM GRIBI

Phone:

(707)748-7743

Fax:

(707)748-7763

Number of pages, including this transmittal page:

Donna,

Enclosed please find a Phase II ESA report and URF for The Surgery Center site at 3875 Telegraph Avenue in Oakland. My client, The Surgery Center, has authorized me to report the documented gasoline release at their site. They are currently under contract with Sutter Medical Center, who is apparently purchasing the pusiness, but not the land (due to contamination). I believe that Sutter may have an option to purchase the land in the future, pending remediation of the site. Thus, there is significant incentive for The Surgery Center to remediate the site and obtain regulatory closure in a timely manner.

We have not filed the URF with the State; I am not sure whether we are to do this or whether it is the County's purview. Please give me a call if you have questions or need additional information.

Thanks!

REPORT OF PHASE II ENVIRONMENTAL SITE ASSESSMENT

The Surgery Center 3875 Telegraph Avenue Oakland, California

GA Project No. 263-01-01

Prepared for:

Dr. Larry Fusch The Surgery Center 3875 Telegraph Avenue Oakland, CA 94609

Prepared by:

Gribi Associates 1090 Adams Street, Suite K Benicia, CA 94510 (707)748-7743

February 7, 2005

February 7, 2005

Dr. Larry Fusch The Surgery Center 3875 Telegraph Avenue Oakland, CA 94609



Subject:

Report of Phase II Environmental Site Assessment

The Surgery Center, 3875 Telegraph Avenue, Oakland, California

GA Project No. 256-01-01

Dear Dr. Fusch:

Gribi Associates is pleased to submit this report documenting a recently-completed Phase II Environmental Site Assessment (ESA) for the Surgery Center property located at 3875 Telegraph Avenue in Oakland, California. Phase II ESA activities included the drilling and sampling of five soil borings, B-1 through B-5, at the site. Borings B-1, B-2, and B-3 were sited on the adjacent west BART MacArther Station parking lot to assess soil and groundwater quality in an expected downgradient direction from a former gas station located on the north half of the Surgery Center property. Borings B-4 and B-5 were located on the south Surgery Center parking lot to assess soil and groundwater quality relative to both the former north site gas station and a gas station formerly located on the south side of the Surgery Center property. The goal of the Phase II activities was to assess environmental conditions relative to the past operation of identified gas stations at the site.

Field and laboratory analytical results from the five investigative borings seem to delineate southwest-trending soil and groundwater gasoline-range hydrocarbon plumes. These hydrocarbon plumes appear to have originated in the proximity of the former dispenser islands associated with the former northerly site gas station, and to have migrated in a general southwesterly direction beneath the BART parking lot and Apgar Street. The downgradient (southwest) extent of soil and groundwater impacts was not defined during this investigation.

Based on soil and groundwater laboratory analytical results, it appears that the gasoline hydrocarbon releases are fairly old. While field logging suggested significant hydrocarbon impacts, concentrations of gasoline constituents in soil samples were relatively low, indicating significant natural attenuation over time. In addition, although some soil and grab groundwater samples showed detectable concentrations of MTBE using EPA Method 8021B, MTBE confirmation analysis of some of these samples using EPA Method 8260B showed no detectable MTBE. Thus, the identified gasoline releases pre-date MTBE inception in the 1980s.

Relative to possible environmental or human health risks, results of this investigation indicate that, due to the degraded nature of the detected gasoline range hydrocarbons, these residual hydrocarbons in soil and groundwater do not pose a significant environmental risk for continued commercial use of the property. The highest risk posed by residual gasoline is from possible indoor air exposure to Benzene vapors that might have migrated upwards into the site building from the subsurface.

Dr. Larry Fusch The Surgery Center February 7, 2005 Page 2

Regulatory environmental screening levels (ESLs) developed by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) for Benzene in soil and groundwater for indoor air exposure at commercial sites are 0.50 mg/kg and 6.4 mg/l, respectively. Of the 18 soil samples analyzed, only two samples from boring B-4, collected at 15 feet and 20 feet in depth, showed Benzene levels (0.630 mg/kg and 1.4 mg/kg) that exceed the soil ESL. Also, of the five grab groundwater samples, only the sample from B-4 showed a Benzene concentration (21.0 mg/l) that exceeds the groundwater ESL. It is worth noting that the grab groundwater samples were collected from soil borings after coring through possible gasoline-impacted soils; thus, groundwater hydrocarbon concentrations from the borings are undoubtedly artificially high and not representative of true groundwater quality.

As directed by The Surgery Center, results of this investigation will be reported to the appropriate regulatory agencies, and, subject to regulatory agency input, a workplan will be developed to address the gasoline impacts identified during this investigation. Possible future activities might generally include: (1) Conducting additional investigation, to include installation of groundwater monitoring wells and, perhaps, additional soil borings; (2) Conducting feasibility assessments (if necessary) and developing a Remedial Action Plan (RAP); (3) Implementing the RAP; and (4) Conducting verification sampling to assess remediation effectiveness.

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

No. 5843

Very truly yours,

James E. Gribi Registered Geologist California No. 5843

JEG/ct

Matthew A. Rosman Engineer

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1.0 INTRODUCTION

This report documents a Phase II Environmental Site Assessment (ESA) conducted for the Surgery Center property located at 3875 Telegraph Avenue in Oakland, California (see Figure 1 and Figure 2). Phase II ESA activities included the drilling and sampling of five soil borings, B-1 through B-5, at the site. The goal of the Phase II activities was to assess environmental conditions relative to the past operation of identified gas stations at the site.

1.1 Site Background

The project site lies on a gently southwest-sloping plain approximately one and three-quarter miles east from the San Francisco Bay and approximately one and one-half miles north from Lake Merritt. The elevation at the project site is approximately 83 feet above mean sea level. The project site is located in a predominantly mixed residential and commercial area of Oakland. Based on our experience on numerous sites throughout the Bay Area, we would expect groundwater flow at the project site to be to the southwest towards the San Francisco Bay.

Historical records for the site area indicate that two gas stations were located on the site in the 1930s, one on the south side of the site at 3851 Telegraph Avenue, and the other on the north side of the site at 3881 Telegraph Avenue. The south gas station was apparently in operation for only a short time period between perhaps 1925 and 1935. There were two gas stations on the north side of the site, one from perhaps 1925 until 1945, and the other from about 1952 until 1984. The south gas station would have been located in the location of the current Surgery Center parking lot, and the two north gas stations would have been located primarily in the location of the current Surgery Center building. Groundwater is present beneath the site at a depth of about 20 feet below grade, and would generally be expected to flow in a southwest direction towards San Francisco Bay.

Terracon drilled and sampled six borings, B-1 through B-6, at the site in August 2001. Three of these borings, B-1, B-2 and B-3, were located in the south parking lot, and three borings, B-4, B-5, and B-6, were located on the extreme north side of the site. The only significant soil hydrocarbon impacts were encountered at about groundwater depth in borings B-1 and B-2, located in the southwest corner of the site. The only significant groundwater hydrocarbon impact was encountered in the grab groundwater sample from boring B-1, located in the extreme southwest corner of the site. These hydrocarbon impacts appear to represent gasoline-range hydrocarbons, and, while the soil hydrocarbon results show proportionally low levels of Benzene, the grab groundwater sample from B-1 shows a relatively high concentration of Benzene, at 11,000 micrograms per liter (ug/l). Soils beneath the site consist primarily of clays, with occasional thin, discontinuous clayey gravel and clayey sand layers.

1.2 Scope of Work

Gribi Associates was contracted by The Surgery Center to conduct the following scope of work.

- Task 1 Conduct prefield activities.
- Task 2 Conduct drilling and sampling activities.
- Task 3 Conduct laboratory analyses.

■ Task 4 Prepare report of findings.

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

1.3 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.
- Contacts and discussions with regulatory agencies and others.
- 3. Review of available hydrogeologic data.

2.0 DESCRIPTION OF FIELD ACTIVITIES

Soil boring and sampling activities were conducted on Saturday, January 8, 2005 using direct push coring equipment. All activities were conducted in accordance with applicable State and Federal guidelines and statutes.

2.1 Prefield Activities

Prior to beginning drilling activities, a permit was obtained from BART, and a soil boring permit was obtained from the Alameda County Public Works Agency. Copies of these permits are contained in Appendix A. Prior to drilling, proposed soil boring locations were marked with white paint, and Underground Services Alert was notified at least 48 hours prior to drilling. Also, prior to beginning field activities, ForeSite conducted an underground utilities survey to attempt to locate any possible buried structures related to the former gas station and to clear proposed drilling locations. Also, prior to beginning field activities, a Site Safety Plan was issued to the drilling crew, and a tailgate safety meeting was conducted.

2.2 Location of Soil Borings

Locations of the six borings are shown on Figure 2. Borings B-1, B-2, and B-3 were sited on the adjacent west BART MacArther Station parking lot, in an expected downgradient groundwater flow direction from the former north site gas station. In order to determine whether or not the hydrocarbon impacts in the previous Terracon boring B-1 groundwater sample originated from the more recent north site gas station, boring B-4 was sited on the north side of the south parking lot, between boring Terracon boring B-1 and the former north gas station. Boring B-5 was located immediately southwest, in the expected downgradient groundwater flow direction, from the former south project site gas station. Note that the BART parking lot is situated about eight to ten feet lower in elevation than the Surgery Center parking lot.

2.3 Drilling and Sampling of Soil Borings

The five investigative 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. This coring

system allowed for the retrieval of almost continuous soil cores, which were contained in a clear plastic acetate tube, nested inside a stainless steel core barrel. After the core barrel was brought to the surface and exposed, the core was examined, logged, and field screened for hydrocarbons by a qualified geologist using sight and smell. Boring logs for the five borings are contained in Appendix C. Following completion, the six investigative borings were grouted to match existing grade using a cement\sand slurry.

Subsurface soils were sampled at approximately four-foot intervals starting at about eight feet in depth. After the sample and core barrel were raised to the surface, each sample was collected as follows: (1) The filled acetate tube was exposed for visual examination; (2) The selected sample interval was collected by cutting the sample and acetate plastic tubing to the desired length (typically about six inches); (3) The ends of the selected sample were quickly wrapped with Teflon sheets or aluminum foil, capped with plastic end caps, labeled and wrapped tightly with tape; and (4) The sealed soil sample was 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.

One grab groundwater sample was collected from each of the five borings. In boring B-1, groundwater rose in the open boring from about 16 feet in depth to about 3.5 feet in depth; thus, this grab groundwater sample was collected using a disposable bailer. In boring B-2, surface water (possibly irrigation water) entered the boring within the top three feet; thus, in attempting this grab groundwater sample, we pushed the closed rods to 16 feet and then allowed groundwater to enter the hollow rods from the bottom, and sampled using a clean small-diameter stainless steel bailer. Grab groundwater samples from borings B-3, B-4, and B-5 were collected as follows: (1) 1-1/4-inch diameter well casing was placed in the boring, with about five feet of slotted screen on the bottom; (2) using a clean stainless steel bailer, groundwater was poured directly from the bailer into laboratory-supplied containers; and (3) each sample container was tightly sealed, labeled, and placed in cold storage for transport to the laboratory under formal chain-of-custody.

2.4 Laboratory Analysis of Soil and Groundwater Samples

A total of 18 soil samples and five grab groundwater samples were analyzed for the following parameters.

USEPA 8015M Total Petroleum Hydrocarbons as Gasoline (TPH-G) USEPA 8020 Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) USEPA 8020 Methyl tert-Butyl Ether (MTBE)

In addition, three samples were analyzed for the following parameters:

USEPA 8015M Total Petroleum Hydrocarbons as Diesel (TPH-D)

Also, one selected soil sample from B-3 and the water samples from B-2 and B-5 were analyzed for the following parameters:

USEPA 8260 Oxygenates (TBA, MTBE, DIPE, ETBE, TAME)

In addition, one soil sample each from B-2 and B-4 was analyzed for the following parameters

USEPA 6010 Total Lead

All analyses were conducted by SunStar Laboratories, Inc., a California-certified analytical laboratory, with standard turnaround on results.

3.0 RESULTS OF INVESTIGATION

3.1 General Subsurface Conditions

Soils encountered in the five borings were generally similar, consisting of silts and clays, with occasional thin sand and gravel layers (see Figure 3). In the BART parking lot borings B-1, B-2, and B-3, a sand and gravel layer was encountered from about three feet to six feet in depth. This gravel/sand layer appears to correspond to a gravel layer encountered in the Surgery Center borings B-4 and B-5, which were about nine feet higher than the BART parking lot borings, from about 13 feet to 15 feet in depth. A deeper sand and gravel layer was encountered in BART parking lot borings B-2 and B-3, and in Surgery Center parking lot boring B-4.

Moderate to strong hydrocarbon odors were noted in soils in BART parking lot borings B-1, B-2, and B-3 from about seven feet to 15 feet in depth, with the strongest odors noted in soils in borings B-2 and B-3. Moderate hydrocarbon odors were noted in Surgery Center parking lot boring B-4 below about eight feet in depth, slight to moderate hydrocarbon odors were noted in Surgery Center parking lot boring B-5 below about eight feet in depth. Hydrocarbon sheens were observed in the grab groundwater samples B-3 and B-4.

3.2 Results of Laboratory Analyses

Soil and grab groundwater analytical results are summarized in Table 1, and on Figure 4 and Figure 5, respectively. The laboratory data report for soil and groundwater samples is contained in Appendix C.

Table 1 SUMMARY OF ANALYTICAL RESULTS The Surgery Center Site

· a son	C1-	Samula .			·	C	oncentration (ppm)		a a di kacama	<u> </u>
Sample ID	Sample Matrix	Sample Depth	TPH-D	трн-с	a B	. T	E	X	MTBE	OXYG.	PB
B-1-7.5	Soil	7.5 ft		<0.5	<0.0050	<0.0050	<0.0050	<0.010	<0.020	<u></u>	
B-1-11.5	Soil	11.5 ft		<0.5	<0.0050	<0.0050	<0.0050	<0.010	<0.020		
B-1-13.0	Soil	13.0 ft		18.0	<0.0050	0.014	0.120	0.027	0.120		
B-1-15.0	Soil	15.0 ft		0.77	<0.0050	<0.0050	<0.0050	<0.010	<0.020	-	
B-1-16.0	Soil	16.0 ft	_	4.4	<0.0050	0.013	0.026	<0.010	0.030		
B-1-W	Water	(3.7 ft)		0.240	<0.0010	<0.0010	0.0091	<0.0020	<0.0040		
B-2-7.0	Soil	7.0 ft		190	<0.0050	0.710	4.1	7.8	0.200		
B-2-14.0	Soil	14.0 ft	190	670	0.440	<0.0050	0.140	0.410	0.200	<u></u>	3.4
B-2-W	Water	(1.0 ft)		14.0	0.220	<0.0010	0.380	0.540	0.034	ND	
B-3-7.5	Soil	7.5 ft		65	0.075	0.052	0.500	0.212	0.220		
B-3-11.5	Soil	11.5 ft		170	<0.0050	1.8	2.8	14.8	0.370	ND	
B-3-15.0	Soil	15.0 ft		5.0	0.130	0.0084	0.020	0.078	< 0.020	<u></u>	~F
B-3-W	Water	(9.0 ft)		80.0	3.8	1.7	5.4	21.8	<0.100		
B-4-7.5	Soil	7.5 ft		<0.50	< 0.0050	<0.0050	<0.0050	< 0.010	<0.020	-	
B-4-11.5	Soil	11.5 ft	<10	<0.50	<0.0050	<0.0050	<0.0050	<0.010	<0.020		=
B-4-15.0	Soil	15.0 ft		39.0	0.630	< 0.0050	1.5	3.6	0.058	<u> </u>	
B-4-19.5	Soil	19.5 ft	_	90.0	1.4	1.1	2.0	9.3	0.180	-	4.2
B-4-W	Water	(16.0 ft)		140.0	21.0	1.7	8.5	33.6	<0.0040		
B-5-7.5	Soil	7.5 ft	<10	1.4	<0.0050	<0.0050	<0.0050	<0.010	<0.020	- -	
B-5-11.5	Soil	11.5 ft		<0.5	< 0.0050	<0.0050	<0.0050	< 0.010	<0.020	<u>-</u>	
B-5-15.5	Soil	15.5 ft		16.0	<0.0050	<0.0050	0.054	<0.010	<0.020		
B-5-19.5	Soil	19.5 ft	i	1.1	<0.0005	<0.0005	0.013	0.020	<0.020	<u>-</u>	<u></u>
B-5-W	Water	(13.7 ft)		130.0	<0.0010	<0.0010	8.0	6.68	0.390	ND	<u> </u>
Soil ESL-l	Residential		500 ²	1002	0.18	180	4.7	45	2.0	various	2002
Soil ESL-	Commercial	/Industrial	500 ²	4002	0.50	420	13	100	5.6	various	750 ²
Groundw	ater ESL-Re	esidential	-		1.9	530	52	160	48	various	<u></u>
Groundw	ater ESL-Co	omm./Ind.	· - ·		6.4	530	180	160	160	various	<u> </u>

Table 1 Notes

TPH-D = Total Petroleum Hydrocarbons as Diesel TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethyl benzene

X = Xylene

MTBE = Methyl Tert-butyl Ether

OXYG = Oxygenates by EPA Method 8260B. Includes Methyl Tertbutyl Ether (MTBE), Tert-amyl Methyl Ether (TAME), Tert-butyl Alcohol (TBA), Di-isopropyl Ether (DIPE), and Ethyl Tert-butyl Ether (ETBE).

-- = Not analyzed for this analyte.

<1.0 = Not detected above the expressed value.

ESL = Soil and Groundwater Environmental Screening Levels for evaluation of potential impacts to indoor air (residential and commercial/industrial land use), as contained in Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, San Francisco Bay Regional Water Quality Control Board, Interim Final, July 2003, Appendix I, Tables E-1a and E-1b. 1 = Sample also analyzed for full Oxygenate analysis, including MTBE confirmation.

2 = Shallow soil ESL, residential and commercial/industrial land use (Appendix 1, Tables B-1 and B-2, respectively).

4.0 CONCLUSIONS

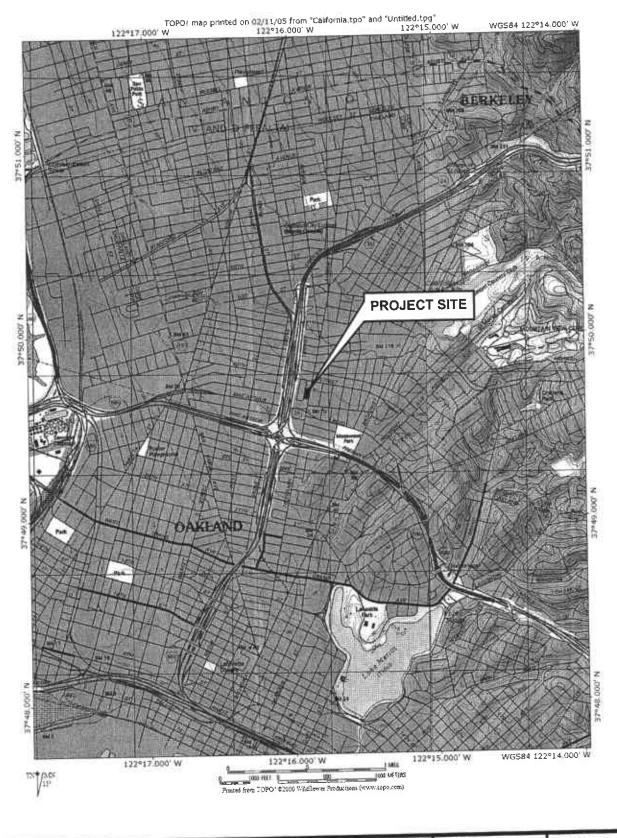
Field and laboratory analytical results from the five investigative borings seem to delineate southwest-trending soil and groundwater gasoline-range hydrocarbon plumes. These hydrocarbon plumes appear to have originated in the proximity of the former dispenser islands associated with the former northerly site gas station, and to have migrated in a general southwesterly direction beneath the BART parking lot and Apgar Street. The downgradient (southwest) extent of soil and groundwater impacts was not defined during this investigation.

Based on soil and groundwater laboratory analytical results, it appears that the gasoline hydrocarbon releases are fairly old. While field logging suggested significant hydrocarbon impacts, concentrations of gasoline constituents in soil samples were relatively low, indicating significant natural attenuation over time. In addition, although some soil and grab groundwater samples showed detectable concentrations of MTBE using EPA Method 8021B, MTBE confirmation analysis of some of these samples using EPA Method 8260B showed no detectable MTBE. Thus, the identified gasoline releases pre-date MTBE inception in the 1980s.

Relative to possible environmental or human health risks, results of this investigation indicate that, due to the degraded nature of the detected gasoline range hydrocarbons, these residual hydrocarbons in soil and groundwater do not pose a significant environmental risk for continued commercial use of the property. The highest risk posed by residual gasoline is from possible indoor air exposure to Benzene vapors that might have migrated upwards into the site building from the subsurface. Regulatory environmental screening levels (ESLs) developed by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) for Benzene in soil and groundwater for indoor air exposure at commercial sites are 0.50 mg/kg and 6.4 mg/l, respectively. Of the 18 soil samples analyzed, only two samples from boring B-4, collected at 15 feet and 20 feet in depth, showed Benzene levels (0.630 mg/kg and 1.4 mg/kg) that exceed the soil ESL. Also, of the five grab groundwater samples, only the sample from B-4 showed a Benzene concentration (21.0 mg/l) that exceeds the groundwater ESL. It is worth noting that the grab groundwater samples were collected from soil borings after coring through possible gasoline-impacted soils; thus, groundwater hydrocarbon concentrations from the borings are undoubtedly artificially high and not representative of true groundwater quality.

5.0 RECOMMENDATIONS

As directed by The Surgery Center, results of this investigation will be reported to the appropriate regulatory agencies, and, subject to regulatory agency input, a workplan will be developed to address the gasoline impacts identified during this investigation. Possible future activities might generally include: (1) Conducting additional investigation, to include installation of groundwater monitoring wells and, perhaps, additional soil borings; (2) Conducting feasibility assessments (if necessary) and developing a Remedial Action Plan (RAP); (3) Implementing the RAP; and (4) Conducting verification sampling to assess remediation effectiveness.



DESIGNED BY: CHECKED BY:

DRAWN BY: JG SCALE:

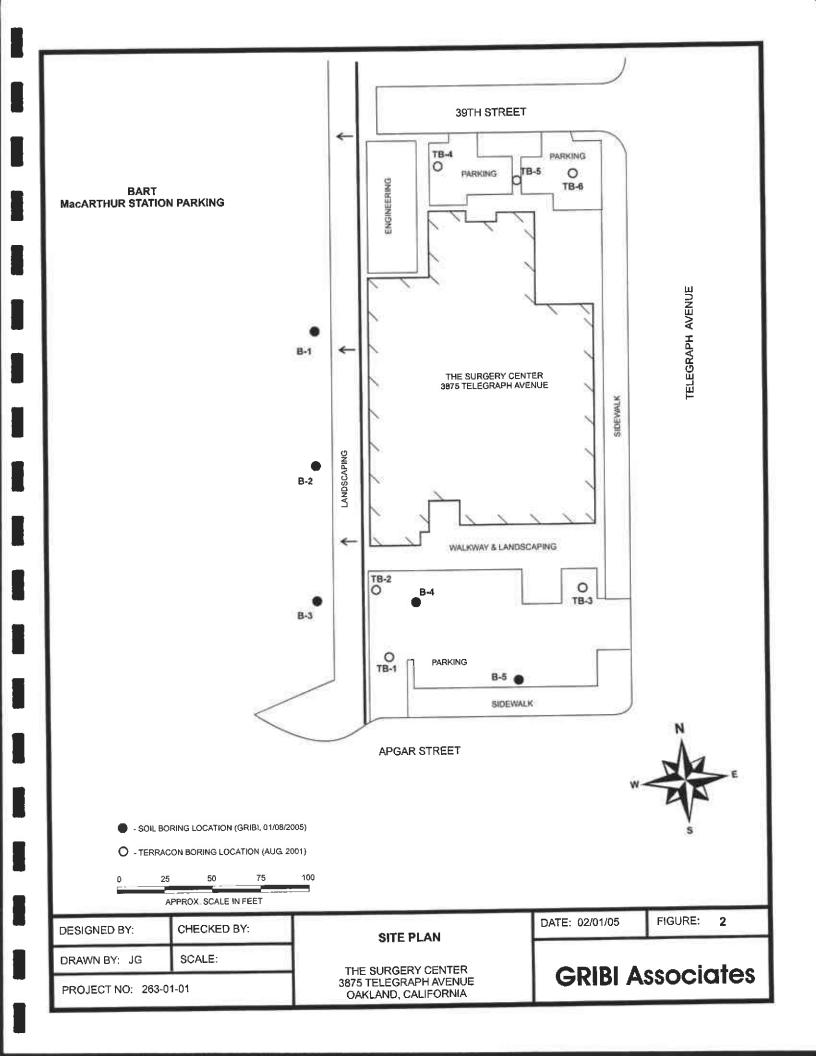
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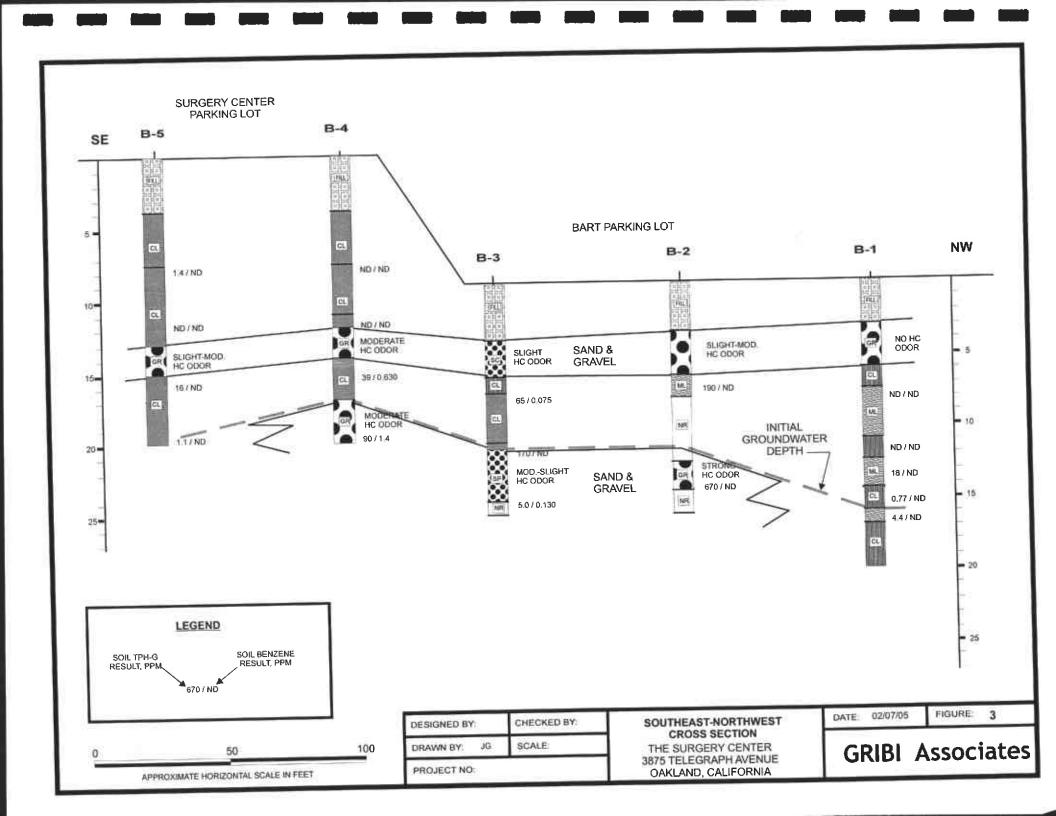
SITE VICINITY MAP

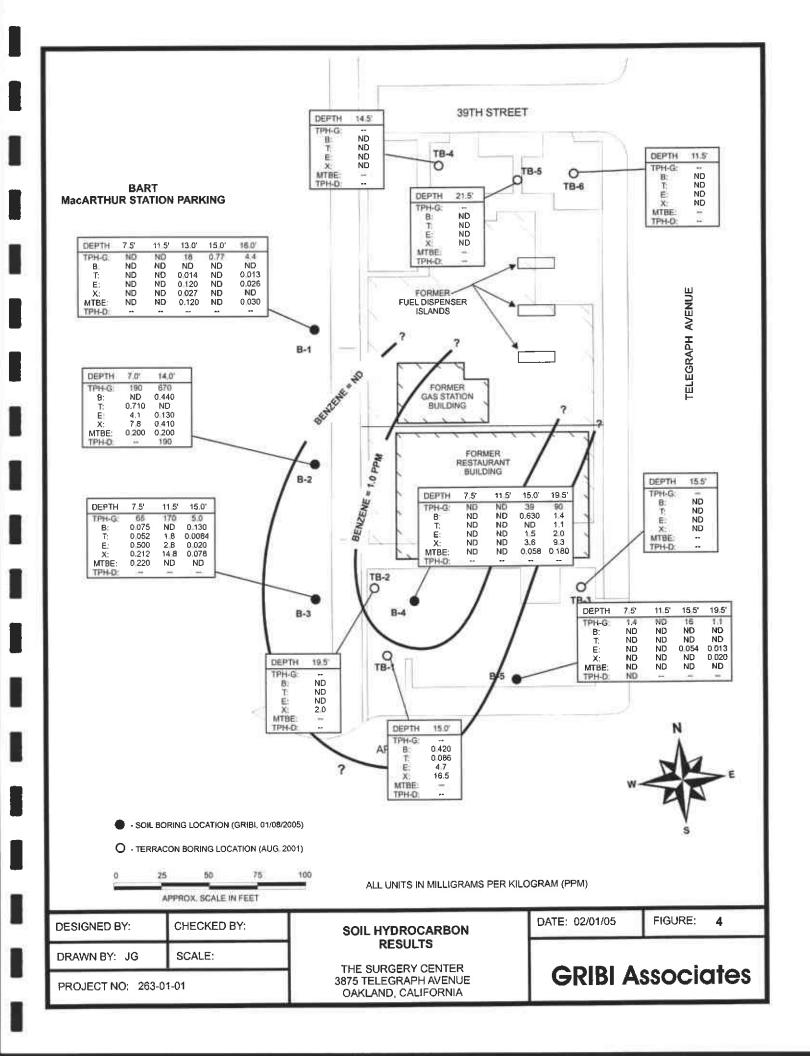
THE SURGERY CENTER 3875 TELEGRAPH AVENUE OAKLAND, CALIFORNIA DATE: 02/07/05

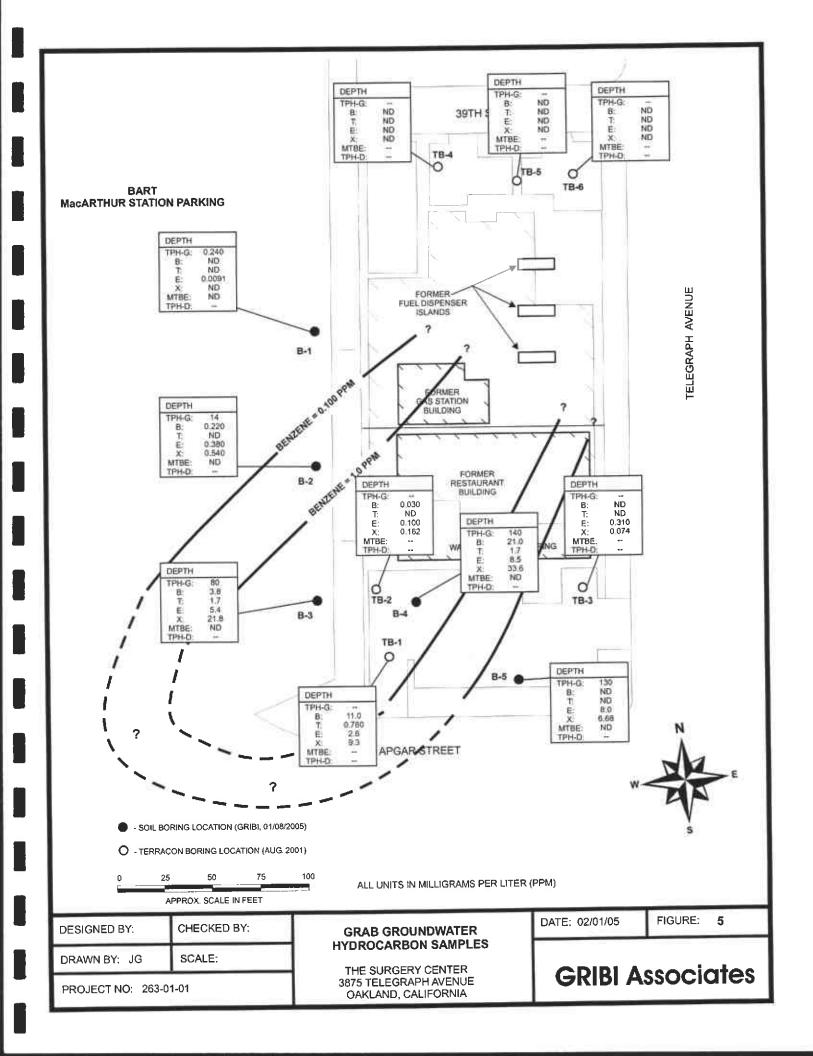
FIGURE: 1

GRIBI Associates









APPENDIX A SOIL BORING PERMITS



SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT

300 Lakeside Drive, P.O. Box 12688 Oakland, CA 94604-2688 (510) 464-6000

THE SURGERY CENTER

PERMIT NO. C-02.2-003-OK

James Fang PRESIDENT

Dan Richard **VICE-PRESIDENT**

Thomas E. Margro GENERAL MANAGER

DIRECTORS

Dan Richard **1ST DISTRICT**

Joel Keller 2ND DISTRICT

Roy Nakadegawa 3RD DISTRICT

Carole Ward Allen 4TH DISTRICT

Peter W. Snyder **5TH DISTRICT**

Thomas M. Blalock **6TH DISTRICT**

Lynette Sweet 7TM DISTRICT

James Fano 8TH DISTRICT

Tom Radulovich 9TH DISTRICT

3875 Telegraph Avenue Oakland, CA 94609

Consultant GRIBI ASSOCIATES 1350 Hayes Street, Suite C-14 Benicia, CA 94510

PERMIT TO ENTER

Subject to the following covenants, terms, conditions and restrictions, the San Francisco Bay Area Rapid Transit District (hereinafter "District", or "BART") hereby grants permission to The Surgery Center and Consultant, (hereinafter "Permittees") to perform two environmental soil borings and install a groundwater monitoring well (hereinafter the "Improvements",) upon District property located at the MacArthur BART Station, in the City of Oakland, County of Alameda, (hereinafter "Premises"), as shown on Exhibit "A" (Plan titled: Site Plan, The Surgery Center, 3875 Telegraph Avenue, Oakland, California; Figure 1; dated 09/07/04), attached hereto and incorporated herein by reference.

1. Subject to Section 16 below, the term of this Permit shall commence on December 4, 2004, and end on February 28, 2005, (weekends only) provided, however, that at any time during the installation term, or thereafter, the Permit may be terminated by either BART, The Surgery Center, or Gribi Associates upon thirty (30) days prior written notice to the other parties. The notice shall be sent certified mail, return receipt requested, to either: The Surgery Center at the above address, Attention: Larry Fusch, and Gribi Associates at the above address, Attention: James Gribi, Project Manager, or to:

> Real Estate Services San Francisco Bay Area Rapid Transit District 300 Lakeside Drive, 22nd Floor Oakland, California 94612

> Attention: Desha R. Hill, Department Manager

The notice period shall begin to run upon receipt of the notice.

Page 1 of 5

- 2. The fee for this Permit shall be calculated pursuant to the current Fee Schedule in effect at the time staff time is used pursuant to the policy adopted by the BART Board of Directors in Resolution No. 4805. An application fee pursuant to such Fee Schedule has been paid prior to issuance of this Permit. Fees to reimburse BART for plan review and inspection will be billed to Permittee upon completion of the construction of the Improvements and shall be paid to BART within thirty (30) days of the invoice date. A 10% late fee will be assessed on the balance if payment is not received within 30 days of the invoice date. The late fee will be increased to 20% on the original balance if payment is not received within 60 days of the invoice date. BART reserves all rights to pursue all appropriate remedies to collect outstanding payments and penalties that have not been paid by Permittee within 90 days of the invoice date.
- 3. Permittees right to use this area shall be non-exclusive and non-transferable, and shall be for the sole purpose of constructing, maintaining and using the Improvements. In no event shall District's property be deemed to be a public right-of-way. Overnight parking is prohibited on District's property.
- 4.a Soil borings shall only be performed on Saturday or Sunday.
- 4.b Permittees' drilling schedule shall be approved by BART prior to any use of the Premises.
- 4.c Permittees shall block off up to five parking spaces for each bore hole location after 8:00 p.m. on either Friday or Saturday evening.
- 4.d Permittees shall have an independent utility locator service mark out the soil borings locations prior to digging.
- 4.e Permittees shall coordinate with the jurisdictional utility companies for current electrical power and communications conduits layout and routing plans.
- 4.f Permittees shall have a Site Health and Safety Plan on site during soil boring operation.
- 4.g Attached for reference are pages nos. 028 and 029 from contract no. 91CN-110. The as-builts (schematic only) provided here are for reference only and by no means represent all utilities in the area. The accuracy of the as-builts is not guaranteed.
- 4.h Permittees shall drill bore holes at a diameter of 2 ½ inches and to a depth of 15 feet. Should a monitoring well be required, the diameter of the well bore hole will be 6 inches and to a depth of 15 feet. The monitoring well shall have a traffic rated cover. Borings shall be grouted with cement slurry.
- 4.i Upon written notification from BART, Permittees shall remove the monitoring well per section 21 of the "General Terms and Conditions Relating to Utility Permits," attached hereto and incorporated herein by reference.
- 4.j Permittees agree that, as an essential condition to issuance of this Permit, BART shall not assume any responsibility or liability to Permittees or any other person for damage to Permittees' facilities caused by BART, subject to the following limitation. Except for claims arising out of BART's gross negligence or willful misconduct, Permittees shall defend, indemnify and hold harmless BART, its directors, officers, agents and employees from all claims, demands, suits, loss, damages, injury and liability, direct or indirect (including any and all cost and expenses in connection therewith), incurred by reason of any act, or failure to act, of BART, its officers, agents, employees and subcontractors or any of them, in connection with Permittees' facilities. Except for claims arising out of BART's gross negligence or willful

misconduct, Permittees agree at its own cost, expense and risk to defend any and all claims, actions, suits or other legal proceedings brought or instituted against BART, its directors, officers, agents and employees, or any of them, arising out of BART's act or failure to act in connection with Permittees' facilities, and to pay and satisfy any resulting judgments.

- 4.k Conditions of this Permit shall be binding on all future owners of these facilities. Permittees shall notify the Department Manager of Real Estate Services of any change in ownership of this installation.
- 4.I The cost of repair and all losses caused by damage to any existing facility of any type, or resultant loss of service, shall be at the sole expense of the Permittees. Any damage to BART facilities shall be repaired by Permittees at BART's direction and at Permittees' sole cost and expense.
- 5. Permittees shall have the duty and agrees to exercise reasonable care to properly maintain District's property pursuant to this Permit, including, but not limited to, removing debris dumped or placed on the Premises during the term of this Permit, from any source, and to exercise reasonable care inspecting for and preventing any damage to any portion of District's property.
- 6. Permittees acknowledges that said Improvements constitute an encroachment upon District's property and agrees to construct, repair, maintain and use said Improvements in accordance with and subject to the provisions of this Permit, applicable provisions of the "General Terms and Conditions Relating to Utility Permits," attached hereto and incorporated herein by reference, and applicable state laws and local ordinances. Where there is a conflict between the provisions of this Permit and the "General Terms and Conditions Relating to Utility Permits," this Permit shall prevail.
- 7. Permittees agrees to notify District's Construction Liaison, Edwin Kung at (510) 464-6445, at least 14 calendar days prior to any use of the Premises. Should Permittees require any utility hook-ups, Permittees will obtain all necessary permits and pay all fees in connection therewith. Permittees shall not engage in any activity on District property until all necessary permits, licenses and environmental clearances have been obtained.
- 8. Permittees shall not use, create, store, allow, release or dispose of any hazardous materials and/or waste on the Premises. Hazardous materials or waste are materials, substances, wastes, chemicals, or pollutants which pose a present or potential hazard to health, welfare or the environment or are listed, regulated or subject to permitting or warning requirements as hazardous by any federal, state or local governmental authority, including but not limited to those substances and wastes defined as hazardous pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (42 U.S.C. section 9601 et seq.) or the Resource Conservation and Recovery Act (42 U.S.C. 6901 et seq.) or listed in the Hazardous Substances List, Title 8, California Code of Regulations, G.I.S.O. Section 337-339, as may be amended from time to time, or those which meet the toxicity, reactivity, corrosivity or flammability criteria of the above Code.
- 9. District shall at all times have the right to go upon and inspect the Premises and the operations conducted thereon to assure compliance with any of the requirements in this Permit. This inspection may include, but is not limited to, taking samples of substances and materials present for testing.
- 10. It is the intent of the parties hereto that the Permittees shall be responsible for and bear the entire cost of removal and disposal for hazardous materials or waste introduced to the Premises during Permittees' period of use and possession of the Premises. Permittees

shall also be responsible for any cleanup and decontamination on or off the Premises necessitated by such materials or waste.

- 11. To the extent that any pre-existing environmental condition is caused, contributed to or exacerbated by Permittees' acts or omissions, Permittees shall, at District's discretion, either (i) perform remediation of such pre-existing condition at Permittees' sole cost and expense, to the extent required by and subject to the approval of a governmental agency with jurisdiction; or (ii) indemnify District against all costs incurred by District in performing remediation of such pre-existing environmental condition.
- 12. Permittees shall further indemnify and hold District, its directors, officers, employees, agents or representatives harmless from all responsibility, liability and/or claim for damages resulting from the introduction or use of hazardous materials or waste on the Premises during Permittees' use or possession of the Premises, or from actions by Permittees, their employees or agents that result in hazardous materials or waste being released into the environment or a pre-existing environmental condition being exacerbated.
- 13. Permittees agree to assume responsibility and liability for all damages, loss or injury of any kind or nature whatever to persons or property, caused by or resulting from or in connection with this Permit, or which may arise out of failure of Permittees' performance of their obligations hereunder.
- 14. Permittees shall defend, indemnify and hold harmless District, its directors, officers, agents and employees, from all claims, demands, suits, loss, damages, injury and liability, direct or indirect (including any and all costs and expenses in connection therewith), incurred by reason of or in connection with this Permit, or any act, or failure to act, of Permittees, their officers, agents, employees and contractors or any of them, under or in connection with this Permit. Permittees agree at their own cost, expense and risk to defend any and all claims, actions, suits, or other legal proceedings brought or instituted against District, its directors, officers, agents and employees arising out of this Permit, and to pay and satisfy any resulting judgments.
- 15. Permittees agree that no easement, lease or other property right is acquired by Permittees through this Permit.
- 16. Upon any use of District property by Permittees other than that authorized by this Permit, or upon failure of the Permittees to conform to any of the terms and conditions of this Permit, the District may terminate this Permit immediately.
- 17. Within 30 days of the expiration or earlier termination of a Permit, Permittees shall, at their sole expense, restore to its former condition all District property which has been disturbed by the Permittees, except as directed by the District. Restoration shall include, but not be limited to, removal of improvements, equipment, materials, debris, and the like, and repair of any damage. If Permittees fail to restore District property as required herein, the District may perform such restoration at Permittees' sole expense.
- 18. Permittees agree to reimburse the District promptly for any damage done to District property in connection with the construction of Improvements, or with the restoration of the property.

19. Insurance shall be provided by Permittees as incorporated herein by reference. Insurance shall be prior to any use of the Premises.	s stated in Exhibit B attached hereto and e approved by BART's Insurance Manager
SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT	
By	Date
Desha R. Hill Department Manager, Real Estate Services	
ACCEPTED	
THE SURGERY CENTER	
By fighth /hich	Date 12-2-64
Name JODITH RICH	
Title administrator	
Consultant	
GRIBI ASSOCIATES \	
By Comes of Of	Date 12-2-04
Name James E Gribi	
Title 00000	

G:\GARY\PERMITS\C-02.2-003-OK.pte.doc

19. Insurance shall be provided by Permittees as stated in Exhibit B attached hereto and incorporated herein by reference. Insurance shall be approved by BART's insurance Manager prior to any use of the Premises.

SAN FRANCISCO BAY AREA RAPID TRANSIT DISTRICT

Date

Desha R. Hill
Department Manager, Real Estate Services

5104647583

ACCEPTED

THE SURGERY CENTER

Name

Consultani

GRIBI ASSOCIATES

Name_

Title_ Owner

G:\GARYPERMIT:\C-02.2-003-OK.pte.doc



COUNTY OF ALAMEDA PUBLIC WORKS AGENCY WATER RESOURCES SECTION 399 Elmhurst Street, Hayward, CA 94544-1395 James Yoo PH: (510) 670-6633 FAX: (510) 782-1939 FOR GENERAL DRILLING PERMIT INFO: www.acgov.org/pwa/wells

FAX	TRA	NSM	T	TAL
			- 1	1

TO: Grib Associates
Attn: Jim Grib

DATE: 1-10-05

FAX NO.: (707) 748-77003 TRANSMITTING THE FOLLOWING:

TITLE/DESCRIPTION

) PA - W05-0004 & conditions

TOTAL PAGES INCLUDING THIS SHEET.

FROM WATER RESOURCES SECTION

JAMES YOO NAME:

TEL: (510) 670-6633

FAX: (510) 782-1939

E-MAIL: jamesy@acpwa.ore

IF YOU EXPERIENCE PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL ME.

REMARKS: FYI: EFFECTIVE NOVEMBER 1, 2004

- See Conditus

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 George Bolton at 518-670-5594 to schedule the inspection date and time (You must have drilling permit

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

Once the work has been scheduled, on ACPWA Inspector will coordinate the inspection requirements as well as how the inspector can and we have one not at the site when Inspection is required. Expect for special circumstances given, all work will require the

F.82

DEC-51-2004 65:24 PM GRIBI ASSOCIATES

707 740 7762



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (\$10) 670-6631 James You
FAX (\$10) 782-1939
APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATION
DESTRUCTION OF WELLS OVER 46 FEET REQUIRES A BEFARATE PERMIT APPLICATION

DRILLING PERMIT	APPLICATION
FOR APPLICANT TO COMPLETE	FOR OFFICE USE 2004
TION OF PROJECT	PERMIT NUMBER WELL NUMBER APN
BART STATION BIKING	PERMIT CONDITIONS Circled Permit Requirements Apply
The Surgery CONTEST THE SURGERY CONTEST THE SUBSTITUTE THE	A. GENERAL 1. A permit application should be submitted so as to errice at the ACPWA office the days prior to proposed starting data. 2. Submit to ACPWA within 50 days after completion of permitted original Department of Water Resources.
Grid Associated For 101-144-143	Well Completed Report not began within to days of a percent action of approval date. B. WATER SUPPLY WELLS 1. Minimum strings again thickness in two inches of computer story placed by opposite.
PE OF PROJECT of Construction of Construction Operated Invention General Contamination Well Destruction	2. Minimum and depth in 30 feet for demanding and irrigation industrial wells or 20 feet for demanding approved wells unloss a leaser depth is specially approved with unloss a leaser depth is specially approved. C. GROUNDWATER MONITCIBING WELLS. SNCLUDING PREZONETERS. SNCLUDING PREZONETERS.
OPOSEB WATER SUPPLY WELL LYSE Now Dements Replacement Donmento Mysicipal L Irrigation Officer	2. Minimum seal depth for mornisoring walls is the maximum depth practicable or 20 feet. D. SECTECHNICAL Backfill bore hole by training with coment grout or coment.
Mud Rosery Chief Chief Chief	F. WELL DESTRUCTION Send a map of work site. A separate potent is required.
DRILLER'S LICENSE NO. 485 165	Send a map of work and 45 foot. Gravella deeper than 45 foot. SPECIAL CONDITIONS A special conditions
WELL PROJECTS III. Maximum (L. Casleg Diameter III. Depth Owner's Wall Number	NOTE: One application must be stommen or acceptable destruction. Multiple borings on one application are acceptable for government and contamination investigations.
Humber of Borley Son Depth 30 ft.	DATE 1-87)
COMPLETION DATE 1/8/0	WALL THE TANK OF THE PARTY OF T
I heroby agree to comply with all requirements of the parmit and Alamada County APPLICANT'S SIGNATURE DATE	
PLEASE PRINT NAME DAMES & GOUL	Rev.9-18-02



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION 309 ELMHURST ST. HAYWARD, CA. 94544-1395 PHONE (510) 670-6633 James You FAX (510) 782-1939

PERMIT NO. W05-0004

WATER RESOURCES SECTION GROUNDWATER PROTECTION ORDINANCE B#1-GENERAL CONDITIONS: GEOTECHNICAL & CONTAMINATION BOREHOLES

- 1. Prior to any drilling activities, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that Federal, State, County or to the City and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.
- 2. Borcholes shall not be left open for a period of more than 24 hours. All borcholes 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. 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 Pennit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues 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
- 4. Permit is valid only for the purpose specified herein January 8 to January 8, 2005. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
- 5. Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alarneda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued
- 6. 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.

Applicant shall contact George Bolton for a inspection time at \$10-670-5594 at least five (5) working days prior to starting, once the permit has been approved.

7 Inspection by Spot Check. No aspector needs to be presented growt inspection. IT.

APPENDIX B

BORING LOGS

BORING NUMBER: B-1

BORING LOCATION: 3875 TELEGRAPH AVE

NORTH BART PARKING

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME: SURGERY CENTER

PROJECT NUMBER: 263-01-01

GRIBI Associates

START DATE: 01/08/05

COMPLETION DATE: 01/08/05

SHEET 1 OF 1

DRILLING CONTRACTOR: GREGG

DRILLING METHOD: GEOPROBE

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH: 3.65 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING BLOW COUNTS	uscs	LOG OF MATERIAL	PIEZOMETER) WELL INSTALLATION
				Ţ		0.0 - 3.0 ft. Asphalt and base gravel FILL (red-brown).	
5 –					GR]	3.0 - 6.0 ft. Red-brown clayey GRAVEL , moist, soft, no odor/sheen	į
	B-1-7.5	7.5 FT.		į	CL	6.0 - 7.5 ft. Olive sandy to gravelly CLAY, soft to firm, slight hydrocarbon odor	
10-					ML	7.5 - 11.0 ft. Olive clayey SILT , soft, moist to wet, moderate hydrocarbon odor	
-	B-1-11, 5	11.5 FT.				11.0 - 12.5 ft. Olive silty CLAY , firm, moist, slight hydrocarbon odor	
-	B-1-13.0	13.0 FT.			ML	12.5 - 14.5 ft. Olive clayey SILT , firm, moist to wet, moderate hydrocarbon odor	
15-	B-1-15.5	15.5 FT.		¥	CL	14.5 - 16.5 ft. Red-brown silty CLAY , firm, moist, none to slight hydrocarbon odor	
-	B-1-16.0	16.0 FT.		-	CL	16.0 - 17.0 ft. Olive clayey SILT , slight to moderate hydrocarbon odor 17.0 to 20.0 ft. Red-brown gravelly CLAY , firm, dense, no odor/sheen	
20 -			;	:		TOTAL DEPTH: 20.0 FT GROUNDWATER: 3.65 FT.	
25 -	-						

BORING LOCATION: 3875 TELEGRAPH AVE

MIDDLE BART PARKING

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME: SURGERY CENTER

PROJECT NUMBER: 263-01-01

BORING NUMBER: B-2

GRIBI Associates

START DATE: 01/08/05

COMPLETION DATE: 01/08/05

SHEET 1 OF 1

DRILLING CONTRACTOR: GREGG

DRILLING METHOD: GEOPROBE

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH: 1.0 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING BLOW COUNTS	uscs	LOG OF MATERIAL	PIEZOMETER! WELL INSTALLATION
				¥ Ş	Author Management	0.0 - 3.5 ft. Asphalt and base gravel FILL.	
5 -			į	PID == 11		3.5 - 6.5 ft. Olive clayey GRAVEL , moist to wet, loose, slight to moderate hydrocarbon odor	
<u></u>	B-2-7.5	7.5 FT.		PID = 101	ML	6.5 - 8.0 ft. Olive clayey SILT , soft, moist, moderate to strong hydrocarbon odor, grades to clayey sand	
10-					NR	8.0 - 13.0 ft. NO RECOVERY	
	B-2 -14.0	14.0 FT.		PID = 24	GR	13.0 - 14.5 ft. Olive sandy GRAVEL , soft, fine to occasional coarse gravel, clay, moist to wet	
15-					NR	14.0 - 16.0 ft. NO RECOVERY	
						TOTAL DEPTH: 16.0 FT GROUNDWATER: 1.0 FT.	
			Ì				
20 -							
-							
_							
-							
25-	1			1			
							<u></u>

BORING NUMBER: B-3

BORING LOCATION: 3875 TELEGRAPH AVE SOUTH BART PARKING

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME: SURGERY CENTER

PROJECT NUMBER: 263-01-01

GRIBI Associates

START DATE: 01/08/05

COMPLETION DATE: 01/08/05

SHEET 1 OF 1

DRILLING CONTRACTOR: GREGG

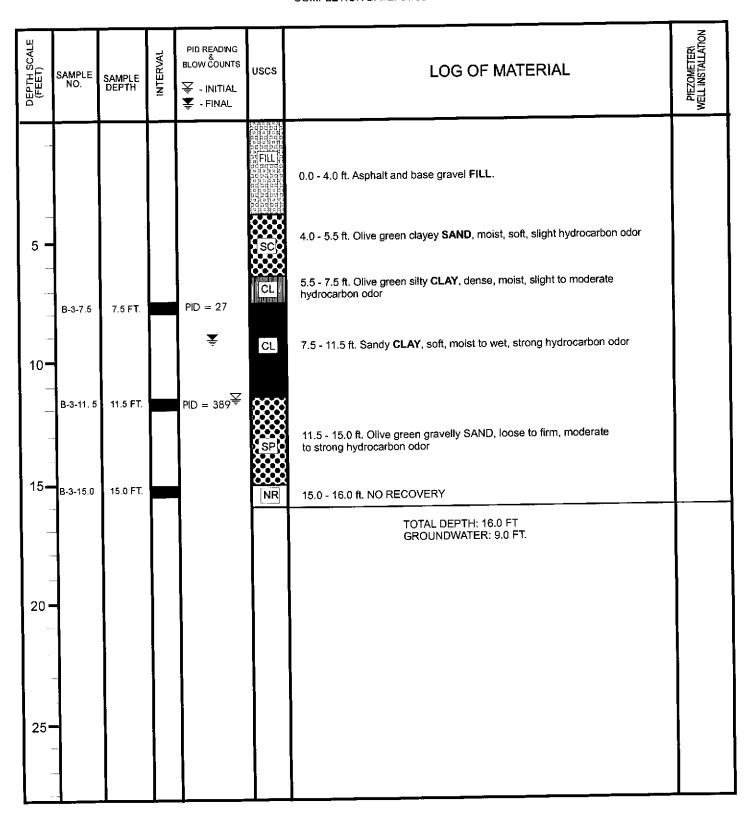
DRILLING METHOD: GEOPROBE

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH: 9.0 FEET



BORING NUMBER: B-4

BORING LOCATION: 3875 TELEGRAPH AVE GRIBI ASSOCIATES WEST SURGERY PARKING

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME: SURGERY CENTER

PROJECT NUMBER: 263-01-01

START DATE: 01/08/05

COMPLETION DATE: 01/08/05

SHEET 1 OF 1

DRILLING CONTRACTOR: GREGG

DRILLING METHOD: GEOPROBE

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH: 16.0 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING BLOW COUNTS - INITIAL - FINAL	uscs	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
					os de de la constanta de la co	0.0 - 4.0 ft. Asphalt and base gravel FILL .	
5 -	B-4-7.5	7. 5 FT.		i	CL	4.0 - 8.5 ft. Olive CLAY , dense, firm, slight hydrocarbon odor	
10-	B-4-11. 5	11.5 FT.		PID = 27	CL	8.5 - 12.0 ft. Olive gravelly CLAY , firm, dense, moist, moderate hydrocarbon odor	
				130 - 27	GR	12.0 - 14.0 ft. GRAVEL , loose, moderate hydrocarbon odor	
15-	B-4 -15.5	i 15.5 FT.		PID = 421 <u>¥</u>	CL	14.0 - 17.0 ft. Olive gravelly CLAY , sandy, moist to wet, moderate to strong hydrocarbon odor	
	- - - - 10 /	5 19.5 FT.		\	R	17.0 - 20.0 ft. Olive-brown silty to sandy GRAVE L, firm, moist to wet, moderate hydrocarbon odor.	
20-						TOTAL DEPTH: 20.0 FT GROUNDWATER: 16.0 FT.	
25-							

BORING NUMBER: B-5

BORING LOCATION: 3875 TELEGRAPH AVE

3875 TELEGRAPH AVE GRIBI Associates EAST SURGERY PARKING

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME: SURGERY CENTER

PROJECT NUMBER: 263-01-01

START DATE: 01/08/05

COMPLETION DATE: 01/08/05

SHEET 1 OF 1

DRILLING CONTRACTOR: GREGG

DRILLING METHOD: GEOPROBE

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: GROUT

BORING TOTAL DEPTH: 20.0 FEET

GROUNDWATER DEPTH: 13.7 FEET

SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING BLOW COUNTS INITIAL	uscs	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
					0.0 - 4.0 ft. Asphalt and base gravel FILL .	
B-5-7.5	7.5 FT.			CL	4.0 - 8.5 ft. Grey-brown silty CLAY , dense, slight to moderate hydrocarbon odor	
B-5-11. 5	11.5 FT.			CL	8.5 - 13.0 ft. Olive green silty CLAY , dense, firm, moist, localized sands, moderate to strong hydrocarbon odor	
B-5 -15.5	15.5 FT.		Ţ	GR	13.0 - 15.0 ft. Olive clayey GRAVEL , firm, moist, slight to moderate hydrocarbon odor	
				CL	15.0 - 20.0 ft. Olive CLAY, dense, firm, moist, moderate hydrocarbon odor	
B-5 -19.5	5 19,5 F [.		- •		TOTAL DEPTH: 20.0 FT GROUNDWATER: 13.65 FT.	
- -						
	B-5-7.5 B-5-11.5	B-5-7.5 7.5 FT. B-5-11.5 11.5 FT. B-5 -19.5 19.5 FT.	B-5-11.5 11.5 FT. B-5 -15.5 15.5 FT. B-5 -19.5 19.5 FT.	SAMPLE DEPTH	SAMPLE DEPTH	SAMPLE DEPTH 2 SINTIAL SIGNAL STANDARD SUBJECT STANDARD SUBJECT STANDARD SUBJECT STANDARD SUBJECT STANDARD SUBJECT SUB

APPENDIX C

LABORATORY DATA REPORT AND CHAIN OF CUSTODY RECORD



SunStar Laboratories, Inc.

27 January 2005

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

RE: The Surgery Center

Enclosed are the results of analyses for samples received by the laboratory on 01/12/05 10:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dennis Dorning

Project Manager

SunStar Laboratories, Inc.

3002 Dow Avenue, Suite 212 Tustin, CA 92780 1-800-781-6777

Lab Number
T500045
Report
Due Date:

Client	Gribi Associates							Date)			1/9/200	05	
Address	1090 Adams Stree	t, Suite K						Proje	ect Name)	The	e Surge	ry Cente	ег
City, State & Zip	Benicia, CA 9451	0						Colle	ector's Na	ame	Jim	Gribi		
Contact	Jim Gribi		-					<u> </u>	nt's Proje				<u> </u>	
Phone	707/748-7743	· · · · · · · · · · · · · · · · · · ·						1	h Numbe					
Fax	707/748-7763							1			<u>Oa</u>	kland, (· Δ	
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WW = waste water	SD = solid	1	toring	a	0		6	Ų/	//	/ ,	/ /	//	//	
MW = monitoring well	SO = soil	į.	_	m p	n i		E	:/ /	/ /	/ /		/ /	/ /	
	SL = sludge	Y	N		å		S	/ /	/ /	/ /	//		/ / .	/
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B-1-16.0		1/8/2006	900	S	1	Х							C	2د
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No. of Containers	22													

SunStar Laboratories, Inc.

3002 Dow Avenue, Suite 212 Tustin, CA 92780 1-800-781-6777

Lab Number
7500045
Report Due Date:
Due Date:

Client	Gribi Associates								Date 1/9/2005								
Address	1090 Adams Stree	t, Suite K							Proje	Project Name The Surgery Center							
City, State & Zip	Benicia, CA 94510								Collector's Name Jim Gribi								
									Client's Project Number								
Contact	Jim Gribi			•				-									
Phone	707/748-7743								Batc	Batch Number							
Fax	707/748-7763	,						9	Loca	tion ((City)		Oakland, CA				
P.O. Number		Email Res	ults (Y) N	Page	-	of ·	3	Prop	osal	Numt	er					
SAMP	LE TYPE CODES						alyse		7	7	7	/	-/	$\overline{}$	$\overline{}$	7	//
DW = drinking water	TB = travel blank	Comp		S	C O	Req	ues te	d L	./							/ /	
WW = waste water	SD = solid	Monit	oring	m	n			R	*/	/	/	/	/	/	/ /	' /	
MW = monitoring well	SO = soil	Y	N	р	1		/.	S	/ /	′ /	/ /	′ /	/ /	′ /	′ /		/ /
HW = hazardous waste	SL = sludge UND TIME REQU	<u> </u> ESTED		e	i			₹/								/ /	
	eres inne neut	T	irector		n		87	*/			/	/		/	/ /	/ /	
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B-4-11.5		1/8/2005	1310		1	X_			\vdash		$\vdash\vdash$			<u> </u>			15
B-4-15.0		1/8/2005	1315		1	X	-				<u> </u>			_	-	_	16
B-4-19.5		1/8/2005	1320	S	1	Х	-					-				_	(7
B-4-W		1/8/2005	1340	W	4	X	<u> </u>		├ ─							\perp	18
B-5-7.5		1/8/2005	1410		1	X							ļ		\vdash	-	19
B-5-11.5		1/8/2005	1415		1	<u> X</u>										-	20
B-5-15.5		1/8/2005	1420		1	Х											21
B-5-19.5		1/8/2005	1430	S	1	X							_				5,5
B-5-W		1/8/2005	1440	W	4.	X_			<u> </u>								23
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SAMPLE R	ECEIPT	Date	Time		Samp	ies i	Redin	6	*********	******			S			ceive	
	Ý) n	1/11/05		7	سيار	10 (7 //	'n	V	· · · · · · · · · · · · · · · · · · ·	<u> </u>	M _A	<u>,) (</u>	1.1	n 11	11/02	1:4
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	T AN /A./		İ	1							~-	-					
No. of Containers	16	1															

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1-7.5	T500045-01	Soil	01/08/05 08:45	01/12/05 10:40
B-1-11.5	T500045-02	Soil	01/08/05 08:35	01/12/05 10:40
B-1-13.0	T500045-03	Soil	01/08/05 08:50	01/12/05 10:40
B-1-15.5	T500045-04	Soil	01/08/05 08:55	01/12/05 10:40
B-1-16.0	T500045-05	Soil	01/08/05 09:00	01/12/05 10:40
B-1-W	T500045-06	water	01/08/05 09:20	01/12/05 10:40
B-2-7.0	T500045-07	soil	01/08/05 09:55	01/12/05 10:40
B-2-14.0	T500045-08	soil	01/08/05 10:15	01/12/05 10:40
B-2-W	T500045-09	water	01/08/05 10:45	01/12/05 10:40
B-3-7.5	T500045-10	soil	01/08/05 11:25	01/12/05 10:40
B-3-11.5	T500045-11	soil	01/08/05 11:35	01/12/05 10:40
B-3-15.0	T500045-12	soil	01/08/05 11:55	01/12/05 10:40
B-3-W	T500045-13	water	01/08/05 12:20	01/12/05 10:40
B-4-7.5	T500045-14	soil	01/08/05 13:00	01/12/05 10:40
B-4-11.5	T500045-15	soil	01/08/05 13:10	01/12/05 10:40
B-4-15.0	T500045-16	soil	01/08/05 13:15	01/12/05 10:40
B-4-19.5	T500045-17	soil	01/08/05 13:20	01/12/05 10:40
B-4-W	T500045-18	water	01/08/05 13:40	01/12/05 10:40
B-5-7.5	T500045-19	soil	01/08/05 14:10	01/12/05 10:40
B-5-11.5	T500045-20	soil	01/08/05 14:15	01/12/05 10:40
B-5-15.5	T500045-21	soil	01/08/05 14:20	01/12/05 10:40
B-5-19.5	T500045-22	soil	01/08/05 14:30	01/12/05 10:40
B-5-W	T500045-23	water	01/08/05 14:40	01/12/05 10:40

SunStar Laboratories, Inc.

Project: The Surgery Center

Benicia CA, 94510

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-1-7.5 T500045-01 (Soil)

Analyte_	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratori	es, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	ND	1000	ug/kg	2	5012406	01/24/05	01/26/05	EPA 8015m	O-04
Surrogate: 4-Bromofluorobenzene		175 %	65-1	35	11	#	"	n	М
Volatile Organic Compounds by EPA	Method 8021B	_							
Benzene	ND	5.0	ug/kg	1	5012406	II.	01/26/05	EPA 8021B	O-04
Toluene	ND	5.0	11	II .	ш	n	**	п	O-04
Ethylbenzene	ND	5.0	11	u	ц	n	"	п	O-04
m,p-Xylene	ND	10	1t	ц	II .	n	"	п	O-04
o-Xylene	ND	5.0	**	"	rı	n		H	O-04
Surrogate: 4-Bromofluorobenzene		175 %	65-1	35	rr	"	**	TI II	М

SunStar Laboratories, Inc.

1090 Adam Street, Suite K

Benicia CA, 94510

Project: The Surgery Center

Project Number: [none]

Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-1-11.5 T500045-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	ND	500	ug/kg]	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		96.8 %	65-13	5	п	"	п	п	
Volatile Organic Compounds by EPA	A Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	1	5011202	II	01/13/05	EPA 8021B	
Benzene	ND	5.0	п	n	n.	п	n	**	
Toluene	ND	5.0	п	#	15	U	*1	**	
Ethylbenzene	ND	5.0	п	u	11	Ħ	н	н	
m,p-Xylene	ND	10	n	**	11	п	"	**	
o-Xylene	ND	5.0	**	н	и	Ħ	п	п	
Surrogate: 4-Bromofluorobenzene		96.8 %	65-13	5	n	"	"	,,	

SunStar Laboratories, Inc.

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Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-1-13.0 T500045-03 (Soil)

			•	•					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbons h	oy EPA 8015m								
C6-C12 (GRO)	18000	500	ug/kg	1	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		104 %	65-13	5	"	"	#	11	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	120	20	ug/kg	1	5011202	"	01/13/05	EPA 8021B	•
Benzene	ND	5.0	11	н	**	11	n	н	
Toluene	14	5.0	11	11	**	**	II .	*1	
Ethylbenzene	120	5.0	11	.,	**	**	II .	н	
m,p-Xylene	16	10	11	U	H	**	U	11	
o-Xylene	11	5.0	11	IJ	H	H	"	11	
Surrogate: 4-Bromofluorobenzene		114 %	65-13	5	u	"	n	н	

SunStar Laboratories, Inc.

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Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510 Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-1-15.5 T500045-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons I	oy EPA 8015m								
C6-C12 (GRO)	770	500	ug/kg	1	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		82.4 %	65-	135	n	н	01/14/05	μ	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	1	5011202	Ħ	01/13/05	EPA 8021B	,
Benzene	ND	5.0	n	11	**	Ħ	н	**	
Toluene	ND	5.0	**	**	4	u	1)	#1	
Ethylbenzene	ND	5.0	H	п	н	U	**	н	
m,p-Xylene	ND	10	II .	ш	II .		n	n .	
o-Xylene	ND	5.0	п	п	0	u	a	П	
Surrogate: 4-Bromofluorobenzene		105 %	65	135	"	n	01/14/05	"	

SunStar Laboratories, Inc.

Project: The Surgery Center

Benicia CA, 94510

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-1-16.0 T500045-05 (Soil)

		-							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratori	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	4400	500	ug/kg	1	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		118 %	65-135		μ	n	"	п	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	30	20	ug/kg	1	5011202	n	01/13/05	EPA 8021B	
Benzene	ND	5.0	11	19	n	ıı	17	u	
Toluene	13	5.0	11	"	n	11	"	u	
Ethylbenzene	26	5.0	n	Ħ	n	It	11	п	
m,p-Xylene	ND	10	n	Ħ	н	#1	#	u	
o-Xylene	ND	5.0	*1	4	11	#	**	П	
Surrogate: 4-Bromofluorobenzene		118 %	65-1	!35	#	"	· #	n	

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-1-W T500045-06 (water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	240	50	ug/l	1	5011201	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		103 %	65-	135	TI .	"	"	h	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	4.0	ug/l	1	5011201	н	01/14/05	EPA 8021B	
Benzene	ND	1.0	H		H	н	11	II .	
Toluene	ND	1.0	11		**	u	**	91	
Ethylbenzene	9.1	1.0	* 1	п	н	п	n	н	
m,p-Xylene	ND	2.0	**	n	1)		ш	Ħ	
o-Xylene	ND	1.0	ti	**	11	"	ıı	Ħ	
Surrogate: 4-Bromofluorobenzene		117 %	65	135	н	"	"	"	

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K. Benicia CA, 94510.

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-2-7.0 T500045-07 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	190000	5000	ug/kg	10	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		86.4 %	65-	135	"	"	"	,,	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	200	20	ug/kg	1	5011202	D	01/14/05	EPA 8021B	
Benzene	ND	5.0	п	"	n	Đ	01/13/05	**	
Toluene	710	5.0	11	"	η	0	01/14/05	**	
Ethylbenzene	4100	50	II .	10	ı	H	01/13/05	"	
m,p-Xylene	7800	100	11	"	H	H	н	*r	
o-Xylene	ND	5.0	11	1	**	17	11	п	
Surrogate: 4-Bromofluorobenzene		113 %	65-	135	#	"	"		

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510

Project Number: [none]
Project Manager: Jîm Gribi

Reported: 01/27/05 09:38

B-2-14.0 T500045-08 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorio	es, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	670000	10000	ug/kg	20	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		106 %	65-1.	35	"	ŗ,	μ	"	
Extractable Petroleum Hydrocarbon	s by 8015								
Diesel Range Hydrocarbons	190	10	mg/kg	1	5012402	01/24/05	01/24/05	EPA 8015m	O-04
Metals by EPA 6010B									
Lead	3.4	3.0	mg/kg	1	5011906	01/19/05	01/25/05	EPA 6010B	
Volatile Organic Compounds by EPA	A Method 8021B								
Methyl tert-butyl ether	200	20	ug/kg	1	5011202	01/12/05	01/13/05	EPA 8021B	
Benzene	44	5.0	*1	n	п	n	**	п	
Toluene	ND	5.0	"	1*	n	#	н	17	
Ethylbenzene	140	5.0	н	#	11	Ħ	u	11-	
m,p-Xylene	270	10	II	+1	**	"	n n		
o-Xylene	140	5.0	н	n	n	Ц	n	ŧI	
Surrogate: 4-Bromofluorobenzene	"	118 %	65-13	3.5	n	"	"	"	

SunStar Laboratories, Inc.

Benicia CA, 94510

Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-2-W T500045-09 (water)

220012 05 (11202)											
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
		SunStar La	aborator	ies, Inc.							
Purgeable Petroleum Hydrocarbons l	by EPA 8015m										
C6-C12 (GRO)	14000	50	ug/l	1	5011201	01/12/05	01/14/05	EPA 8015m			
Surrogate: 4-Bromofluorobenzene		110%	65-	135	"	,,	"	"			
Volatile Organic Compounds by EPA	Method 8021B										
Methyl tert-butyl ether	34	4.0	ug/l	1	5011201	II.	01/14/05	EPA 8021B			
Benzene	220	1.0	п	п	n	п	II	Ħ			
Toluene	ND	1.0	II.	"	н	n	II	Ħ			
Ethylbenzene	380	1.0	II .	ıı	n	"	11	tt.			
m,p-Xylene	540	2.0	II	n	н	19	II	tt			
o-Xylene	ND	1.0	II	17	tt	Ħ		п			
Surrogate: 4-Bromofluorobenzene		110 %	65-	135	II	"	n	rr			
Volatile Organic Compounds by EPA	Method 8260B										
Tert-amyl methyl ether	ND	2.0	ug/l	1	5011904	01/19/05	01/20/05	EPA 8260B			
Tert-butyl alcohol	ND	10	II .	11	"	"	II .	"			
Di-isopropyl ether	ND	2.0	п	н	ıı	n	II	tt			
Ethyl tert-butyl ether	ND	2.0	ц	h	"	**	Ц	н			
Methyl tert-butyl ether	ND	1.0	и	"	Ħ	H		N			
Surrogate: Toluene-d8		101 %	<i>87.6</i>	-115	11	"	n	"			
Surrogate: 4-Bromofluorobenzene		97.2 %	80-	112	"	"	μ	"			
Surrogate: Dibromofluoromethane		98.8 %	78.6·	-122	u	"	,,	п			

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-3-7.5 T500045-10 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbons b	y EPA 8015m								
C6-C12 (GRO)	65000	500	ug/kg	1	5011202	01/12/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		212 %	65-13	75	"	п	"	п	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	220	20	ug/kg	1	5011202	11	01/13/05	EPA 8021B	
Benzene	75	5.0	II	11	n .	u	n	u .	
Toluene	52	5.0	ш	17	II .	U	**	п	
Ethylbenzene	500	5.0	11	"	11	ij	**	II .	
m,p-Xylene	140	10	"	**	77	n	н	11	
o-Xylene	72	5.0		19	11	19	17	**	
Surrogate: 4-Bromofluorobenzene		131 %	65-13	:5	"	"	"	"	

SunStar Laboratories, Inc.

Project: The Surgery Center

Benicia CA, 94510

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-3-11.5 T500045-11 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	170000	10000	ug/kg	20	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		96.0 %	65-	135	"	11	н	n	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	370	40	ug/kg	2	5011202	II	01/14/05	EPA 8021B	
Benzene	ND	5.0	н	1	11	II .	77	n	
Toluene	1800	10	n	2	**	II .	**	11	
Ethylbenzene	2800	100	n	20	77	II	tt	**	
m,p-Xylene	11000	200	n	II .	**	ij	#	11	
o-Xylene	3800	100	"	u	4	D	*1	19	
Surrogate: 4-Bromofluorobenzene		114 %	65	135	"	"	01/14/05	"	
Volatile Organic Compounds by EPA	Method 8260B								
Tert-amyl methyl ether	ND	20	ug/kg	4	5011905	01/19/05	01/25/05	EPA 8260B	
Tert-butyl alcohol	ND	80	н	II .	*1	"	н	**	
Di-isopropyl ether	ND	20	H	II .	**	n	н	11	
Ethyl tert-butyl ether	ND	20	n	II .	**	D	Ħ	Ħ	
Methyl tert-butyl ether	NDND	20	H	n	*1	1)	Ħ	11	
Surrogate: Toluene-d8	·	103 %	85.8	-113	#	#	Ħ	n	
Surrogate: 4-Bromofluorobenzene		106 %	73.5	-115	"	"	"	"	
Surrogate: Dibromofluoromethane		96.5 %	79-	126	*	"	n	"	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-3-15.0 T500045-12 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons b	y EPA 8015m								
C6-C12 (GRO)	5000	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		73.7 %	65	135	"	"	01/14/05	rr -	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	1	5011202	н	01/14/05	EPA 8021B	
Веплепе	130	5.0	"		11	U	II .		
Toluene	8.4	5.0	*1	п	19	#	n	16	
Ethylbenzene	20	5.0	Ħ	U	Ħ	u	*	н	
m,p-Xylene	60	10	**	11	11	ц	H	10	
o-Xylene	18	5.0	n	n	ш	ij	**	Ħ	
Surrogate: 4-Bromofluorobenzene		96.8 %	65-1	135	"	"	01/14/05	,,	

SunStar Laboratories, Inc.

Benicia CA, 94510

Project: The Surgery Center

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-3-W T500045-13 (water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aboratoi	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	80000	1200	ug/l	25	5011201	01/12/05	01/17/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		114 %	65-	135	"	"	"	n	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	100	ug/l	25	5011201	н	01/17/05	EPA 8021B	
Benzene	3800	25	H	II	н	**	n	n	
Toluene	1700	25	H	ш	"	**	"	**	
Ethylbenzene	5400	25	H	ц		n	•	**	
m,p-Xylene	16000	50	n	п	"	n	**	n	
o-Xylene	5800	25	#	п	**	υ	**	**	
Surrogate: 4-Bromofluorobenzene		114 %	65-	135	tt	"	"	"	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-4-7.5 T500045-14 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratori	es, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	ND	500	ug/kg	1	5012406	01/24/05	01/25/05	EPA 8015m	0-04
Surrogate: 4-Bromofluorobenzene	···	116%	65-1	35	н	"	"	"	O-04
Volatile Organic Compounds by EPA	Method 8021B								
Benzene	ND	5.0	ug/kg	1	5012406	н	01/25/05	EPA 8021B	0-04
Toluene	ND	5.0	n	n	H	17	11	17	0-04
Ethylbenzene	ND	5.0	n	n	u	и	u	Ħ	0-04
m,p-Xylene	ND	10	ır	"	п	ч	ч	n	0-04
o-Xylene	ND	5.0	, 11	tt	**	u	11	O .	0-04
Surrogate: 4-Bromofluorobenzene		116%	65-1.	35	"	#	"	,,	0-04

SunStar Laboratories, Inc.

Project: The Surgery Center

Benicia CA, 94510

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-4-11.5 T500045-15 (soil)

			12 12 (50.						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbons b	y EPA 8015m								
C6-C12 (GRO)	ND	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene	•	116 %	65-1.	35	"	"	"	u	
Extractable Petroleum Hydrocarbons	by 8015								
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5012402	01/24/05	01/24/05	EPA 8015m	0-04
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8021B	
Benzene	ND	5.0	11	п	U	н	н	N	
Toluene	ND	5.0	n	п	п	"	н	н	
Ethylbenzene	ND	5.0	tt	IJ	II	**	n	ii .	
m,p-Xylene	ND	10	Ħ	II .	II .	**	н	n	
o-Xylene	ND	5.0	11	н	п	н	u	Ħ	
Surrogate: 4-Bromofluorobenzene		116 %	65-13	35	"	n	μ	n	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-4-15.0 T500045-16 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbons I	by EPA 8015m								
C6-C12 (GRO)	39000	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		98.4 %	65-13	35	"	,,	"	н	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	58	20	ug/kg	1	5011202	tl	01/14/05	EPA 8021B	
Benzene	630	5.0	II	Ħ	Ħ	ų	tı	п	
Toluene	ND	5.0	11	п	0	P	9	II.	
Ethylbenzene	1500	5.0	**	ч	U	Ħ	11	H	
m,p-Xylene	3600	10	*			**	**	**	
o-Xylene	ND	5.0	11	11	"	п	n ·	н	
Surrogate: 4-Bromofluorobenzene		98.4 %	65-13	15	"	n	n	,,	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-4-19.5 T500045-17 (soil)

			(5	,					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons b	y EPA 8015m								
C6-C12 (GRO)	90000	10000	ug/kg	20	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		85.6 %	65-	135	,,	"	01/14/05	"	
Metals by EPA 6010B									
Lead	4.2	3.0	mg/kg	1	5011906	01/19/05	01/25/05	EPA 6010B	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	180	20	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8021B	
Веплепе	1400	5.0	**	**	"	**	n	**	
Toluene	1100	5.0	H	#f	**	11	н	n	
Ethylbenzene	2000	100	H	20	Ħ	Ħ	**	n	
m,p-Xylene	7600	200	Ħ	**	*1	H	41	19	
o-Xylene	1700	100	n	u	ŧ	' u		If	
Surrogate: 4-Bromofluorobenzene		110 %	65	135	"	п	01/14/05	τt	

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-4-W T500045-18 (water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborato	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	140000	2500	ug/l	50	5011201	01/12/05	01/17/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		118%	65.	135	n	"	"	n	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	4.0	ug/l	1	5011201	n	01/17/05	EPA 8021B	
Benzene	21000	50	II	50	*1	"	n	u	
Toluene	1700	50	п	u	n	11	ii .	"	
Ethylbenzene	8500	50	11	17	**	н	11	Ħ	
m,p-Xylene	28000	100	*1	"	н	a	II	u	
o-Xylene	5600	50	H	P	u	η	н	II	
Surrogate: 4-Bromofluorobenzene		118 %	65-	135	n	"	"	"	

SunStar Laboratories, Inc.

Project: The Surgery Center

Benicia CA, 94510

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-5-7.5 T500045-19 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	110000	SunStar L			2-11-11	~ * - P			
Purgeable Petroleum Hydrocarbons	by EPA 8015m			·					
C6-C12 (GRO)	1400	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		82.4 %	65	135	н	n	01/14/05	#	
Extractable Petroleum Hydrocarbons	by 8015								
Diesel Range Hydrocarbons	ND	10	mg/kg	l	5012402	01/24/05	01/24/05	EPA 8015m	O-04
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8021B	
Benzene	ND	5.0	п	II	n	n	u	**	
Toluene	ND	5.0	п	lı	**	H	ш	H	
Ethylbenzene	ND	5.0	li .	II	19	P	п	er .	
m,p-Xylene	ND	10	п	"	19	ır	II .	и	
o-Xylene	ND	5.0	п	IJ	**	н	п	и	
Surrogate: 4-Bromofluorobenzene		102 %	65	135	"	11	,,	"	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-5-11.5 T500045-20 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorie	s, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	ND	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene	- 1 - 1 1	112 %	65-13	35	"	"	u	IJ	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	ı	5011202	H	01/14/05	EPA 8021B	
Benzene	ND	5.0	11	**	17	#1	II.	**	
Toluene	ND	5.0	я	**	a	11	11	11	
Ethylbenzene	ND	5.0	н	п	*1	IJ	11	n	
m,p-Xylene	ND	10	n	,,	н	II	er	n	
o-Xylene	ND	5.0	H	**	n	IJ	PF	19	
Surrogate: 4-Bromofluorobenzene		112 %	65-13	35	n	"	"	"	

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510 Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

B-5-15.5 T500045-21 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	16000	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		111 %	65.	-135	"	11	п	"	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	* 1	5011202	В	01/14/05	EPA 8021B	
Benzene	ND	5.0	**	II .	**	11	tt	ŧt	
Toluene	ND	5.0	**	n	н	11	u	н	
Ethylbenzene	54	5.0	n	н	*1	#	n	n	
m,p-Xylene	ND	10	Ħ	11	Ħ	ч	n	11	
o-Xylene	ND	5.0	**	11	N	*	n	п	
Surrogate: 4-Bromofluorobenzene		111 %	65.	-135	rr	U	n	"	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-5-19.5 T500045-22 (soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratorio	es, Inc.					-
Purgeable Petroleum Hydrocarbons	by EPA 8015m								
C6-C12 (GRO)	1100	500	ug/kg	1	5011202	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		109 %	65-1	35	"	"	rr	"	
Volatile Organic Compounds by EPA	Method 8021B								
Methyl tert-butyl ether	ND	20	ug/kg	1	5011202	Ħ	01/14/05	EPA 8021B	
Benzene	ND	5.0	"	tı	11	11	11	ıı	
Toluene	ND	5.0	11	1†	II	u	"	п	
Ethylbenzene	13	5.0	н	ч	n	п	н	п	
m,p-Xylene	20	10	н		ıı.	n	**	71	
o-Xylene	ND	5.0	n		11	*1	u	n	
Surrogate: 4-Bromofluorobenzene		109 %	65-13	7.5	"	"	"	"	

SunStar Laboratories, Inc.

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1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

B-5-W T500045-23 (water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbons by	y EPA 8015m								
C6-C12 (GRO)	130000	2500	ug/l	50	5011201	01/12/05	01/14/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		97.6 %	65-	135	n	u	rr	n	
Volatile Organic Compounds by EPA	Method 8021B					_			
Methyl tert-butyl ether	390	200	ug/l	50	5011201	11	01/14/05	EPA 8021B	
Benzene	ND	1.0	n	1	ij	11		11	
Toluene	ND	1.0	+1	"	п	11	**	11	
Ethylbenzene	8000	50	*1	50	Ħ	*1	11	п	
m,p-Xylene	6300	100	11	"	Ħ	11	11	n	
o-Xylene	380	50	*1	и,	*1	#	11	11	
Surrogate: 4-Bromofluorobenzene		116 %	65-	135	n	"	"	"	
Volatile Organic Compounds by EPA	Method 8260B								
Tert-amyl methyl ether	ND	10	ug/l	5	5011904	01/19/05	01/20/05	EPA 8260B	
Tert-butyl alcohol	ND	50	11	#1	*1	"	4	**	
Di-isopropyl ether	ND	10	н	**	ч	n	**	**	
Ethyl tert-butyl ether	ND	10	ш	Ħ	10	n	**	"	
Methyl tert-butyl ether	ND	5.0	п	71	11	н	,,	**	
Surrogate: Toluene-d8		94.0 %	87.6	5-115	#	"	#	n	
Surrogate: 4-Bromofluorobenzene		216 %	80-	·112	"	"	"	"	S-02
Surrogate: Dibromofluoromethane		101 %	78.6	5-122	"	"	"	"	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011201 - EPA 5030 GC					·					
Blank (5011201-BLK1)				Prepared:	01/12/05	Analyzed	: 01/14/05			
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	45.9		n n	50.0		91.8	65-135			
LCS (5011201-BS1)				Prepared:	01/12/05	Analyzed	: 01/15/05			
C6-C12 (GRO)	6490	50	ug/l	5500		118	75-125			
Surrogate: 4-Bromofluorobenzene	55.4		"	50.0		111	65-135			
Matrix Spike (5011201-MS1)	So	urce: T50004	15-06	Prepared;	01/12/05	Analyzed	: 01/15/05			
C6-C12 (GRO)	5850	50	ug/l	5500	240	102	65-135			
Surrogate: 4-Bromofluorobenzene	59. <i>4</i>		11	50.0		119	65-135			
Matrix Spike Dup (5011201-MSD1)	So	urce: T50004	15-06	Prepared:	01/12/05	Analyzed	: 01/15/05			
C6-C12 (GRO)	5720	50	ug/l	5500	240	99.6	65-135	2.25	20	
Surrogate: 4-Bromofluorobenzene	56.3		"	50.0		113	65-135	,		<u>-</u>
Batch 5011202 - EPA 5030 GC										
Blank (5011202-BLK1)				Prepared:	01/12/05	Analyzed	01/13/05	• •		
C6-C12 (GRO)	ND	500	ug/kg		J. 12. 00					
Surrogate: 4-Bromofluorobenzene	125		n	125		100	65-135			
LCS (5011202-BS1)				Prepared:	01/12/05	Analyzed:	01/14/05	•		
C6-C12 (GRO)	11900	500	ug/kg	13800	<u> </u>	86.2	75-125			
Surrogate: 4-Bromofluorobenzene	124		"	125		99.2	65-135			
Matrix Spike (5011202-MS1)	So	urce: T50004	5-02	Prepared:	01/12/05	Analyzed:	01/14/05			
C6-C12 (GRO)	11600	500	ug/kg	13800	150	83.0	65-135			
Surrogate: 4-Bromofluorobenzene	137		,,	125		110	65-135			

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.

Dennis Dorning, Project Manager

Gribi Associates 1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011202 - EPA 5030 GC										
Matrix Spike Dup (5011202-MSD1)	So	urce: T5000	45-02	Prepared:	01/12/05	Analyzed	: 01/14/05			
C6-C12 (GRO)	12100	500	ug/kg	13800	150	86.6	65-135	4.22	20	
Surrogate: 4-Bromofluorobenzene	132		n	125		106	65-135		•	
Batch 5012406 - EPA 5030 GC							<u>-</u>			
Blank (5012406-BLK1)				Prepared:	01/24/05	Analyzed	l: 0 1/25/05			
C6-C12 (GRO)	ND	500	ug/kg							
Surrogate: 4-Bromofluorobenzene	142	·	rr	125		114	65-135			
LCS (5012406-BS1)				Prepared:	01/24/05	Analyzed	01/25/05			
C6-C12 (GRO)	14200	500	ug/kg	13800		103	75-125			
Surrogate: 4-Bromofluorobenzene	137		"	125		110	65-135			
LCS Dup (5012406-BSD1)				Prepared:	01/24/05	Analyzed	l: 01/25/ 05			
C6-C12 (GRO)	14500	500	ug/kg	13800		105	75-125	2.09	20	
Surrogate: 4-Bromofluorobenzene	146		"	125		117	65-135			•

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510 Project Number: [none]

Project Manager: Jim Gribi

Reported: 01/27/05 09:38

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 5012402 - EPA 3550B GC											
Blank (5012402-BLK1)				Prepared	& Analyza	ed: 01/24/	05				
Diesel Range Hydrocarbons	ND	10	mg/kg								
LCS (5012402-BS1)		Prepared & Analyzed: 01/24/05									
Diesel Range Hydrocarbons	470	10	mg/kg	500		94.0	75-125				
Matrix Spike (5012402-MS1)	So	urce: T50004	45-08	Prepared	& Analyze	ed: 01/24/0	05				
Diesel Range Hydrocarbons	630	10	mg/kg	500	190	88.0	75-125				
Matrix Spike Dup (5012402-MSD1)	So	630 10 mg/kg				d: 01/24/0	05				
Diesel Range Hydrocarbons	630	10	mg/kg	500	190	88.0	75-125	0.00	20		

SunStar Laboratories, Inc.

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Gribi Associates 1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

$Metals\ by\ EPA\ 6010B-Quality\ Control$

SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5011906 - EPA 3051										
Blank (5011906-BLK1)				Prepared:	01/19/05	Analyzed	: 01/25/05			
Lead	ND	3.0	mg/kg			-				
LCS (5011906-BS1)				Prepared:	01/19/05	Analyzed	: 01/25/05			
Lead	105	3.0	mg/kg	100		105	75-125			
Matrix Spike (5011906-MS1)	Sot	urce: T5000-	45-08	Prepared:	01/19/05					
Lead	106	3.0	mg/kg	100	3.4	103	75-125			
Matrix Spike Dup (5011906-MSD1)	Sou	Prepared:	01/19/05	Aлаlyzed	: 01/25/05					
Lead	102	3.0	mg/kg	100	3.4	98.6	75-125	3.85	20	

SunStar Laboratories, Inc.

1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi

Reported: 01/27/05 09:38

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011201 - EPA 5030 GC										
Blank (5011201-BLK1)		- 		Prepared:	01/12/05	Analyzed	: 01/14/05			
Methyl tert-butyl ether	ND	4.0	ug/l	*						•
Benzene	ND	1.0	ij							
Toluene	ND	1.0	п							
Ethylbenzene	ND	1.0	11							
m,p-Xylene	ND	2.0	11							
o-Xylene	ND	1.0	11							
Surrogate: 4-Bromofluorobenzene	55.1		"	50.0		110	65-135			
LCS (5011201-BS1)				Prepared:	01/12/05	Analyzed	: 01/15/05			
Benzene	88.9	1.0	ug/l	80.0		111	70-130			
Toluene	436	1.0	11	399		109	70-130			
Ethylbenzene	106	1.0	ti	94.0		113	70-130			
m,p-Xylene	344	2.0	D	327		105	70-130			
o-Xylene	142	1.0	17	130		109	70-130			
Surrogate: 4-Bromofluorobenzene	55.4		tt .	50.0		111	65-135			
Matrix Spike (5011201-MS1)	So	urce: T50004	5-06	Prepared:	01/12/05	Analyzed	01/15/05			
Benzene	87.5	1.0	ug/J	80,0	ND	109	70-130			
Toluene	403	1.0	ti	399	ND	101	70-130			
Ethylbenzene	104	1.0	u	94.0	9.1	101	70-130			
m,p-Xylene	346	2.0	11	327	ND	106	70-130			
o-Xylene	131	1.0	11	130	ND	101	70-130			
Surrogate: 4-Bromofluorobenzene	59.4		"	50.0		119	65-135			
Matrix Spike Dup (5011201-MSD1)	So	urce: T50004	5-06	Prepared:	01/12/05	Analyzed:	01/15/05			
Benzene	89.1	1.0	ug/l	80.0	ND	111	70-130	1.81	20	
Toluene	405	1.0	"	399	ND	102	70-130	0.495	20	
Ethylbenzene	103	1.0	Ħ	94.0	9.1	99.9	70-130	0.966	20	
m,p-Xylene	342	2.0	Ħ	327	ND	105	70-130	1.16	20	
o-Xylene	131	1.0	u	130	ND	101	70-130	0.00	20	
Surrogate: 4-Bromofluorobenzene	56.3		n	50.0		113	65-135			

SunStar Laboratories, Inc.

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

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

	<u> </u>		i							
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011202 - EPA 5030 GC	ACOUNT	Dillit	Onio	LCYCI	ROSIII	7011110	Dimina	14.17	- Dillii	110103
			· · · · · · · · · · · · · · · · · · ·	D1	01/12/05	A _ =1 J	. 01/12/05			
Blank (5011202-BLK1) Methyl tert-butyl ether	ND	20		Ртерагеа:	01/12/05	Analyzed	: 01/13/05			
Benzene	ND	5.0	ug/kg "							
Toluene	ND	5.0	n							
Ethylbenzene	ND	5.0	п							
m,p-Xylene	ND	10	Ð							
o-Xylene	ND	5.0	Ð							
Surrogate: 4-Bromofluorobenzene	125		. "	125		100	65-135	••		
LCS (5011202-BS1)				Prepared:	01/12/05	Analyzed	: 01/14/05			
Велгеле	204	5.0	ug/kg	170		120	70-130			
Toluene	949	5.0	"	958		99.1	70-130			
Ethylbenzene	218	5.0	n	230		94.8	70-130			
m,p-Xylene	777	10	D	795		97.7	70-130			
o-Xylene	. 303	5.0	11	318		95.3	70-130			
Surrogate: 4-Bromofluorobenzene	124		"	125		99.2	65-135	•		
Matrix Spike (5011202-MS1)	So	urce: T50004	45-02	Prepared:	01/12/05	Analyzed	: 01/14/05			
Benzene	177	5.0	ug/kg	170	ND	104	70-130			
Toluene	840	5.0		958	ND	87.7	70-130			
Ethylbenzene	192	5.0	17	230	ND	83.5	70-130			
m,p-Xylene	681	10	"	795	2.6	85.3	70-130			
o-Xylene	268	5.0	**	318	ND	84.3	70-130			
Surrogate: 4-Bromofluorobenzene	137		"	125	-	110	65-135			
Matrix Spike Dup (5011202-MSD1)	So	urce: T50004	45-02	Prepared:	01/12/05	Analyzed	: 01/14/05			
Benzene	211	5.0	ug/kg	170	ND	124	70-130	17.5	20	
Toluene	979	5.0	n	958	ND	102	70-130	15.3	20	
Ethylbenzene	223	5.0	11	230	ND	97.0	70-130	14.9	20	
m,p-Xylene	780	10	n	795	2.6	97.8	70-130	13.6	20	
o-Xylene	302	5.0	**	318	ND	95.0	70-130	11.9	20	
Surrogate: 4-Bromofluorobenzene	132		11	125		106	65-135			

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Dennis Dorning, Project Manager

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1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

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

Benzene ND 5.0 ug/kg Toluene ND 5.0 " Ethylbenzene ND 5.0 " m,p-Xylene ND 10 " o-Xylene ND 5.0 "			Limits	RPD	Limit	Notes
Benzene ND 5.0 ug/kg Toluene ND 5.0 " Ethylbenzene ND 5.0 " m,p-Xylene ND 10 " o-Xylene ND 5.0 "						
Benzene ND 5.0 ug/kg Toluene ND 5.0 " Ethylbenzene ND 5.0 " m,p-Xylene ND 10 " o-Xylene ND 5.0 "	1: 01/24/05	Analyzed	: 01/25/05			
Toluene ND 5.0 " Ethylbenzene ND 5.0 " m,p-Xylene ND 10 " o-Xylene ND 5.0 "						
m,p-Xylene						
o-Xylene ND 5.0 "						
Surrogate: 4-Bromofluorobenzene 142 " 125						
		114	65-135			
LCS (5012406-BS1) Prepared	l: 01/24/05	Analyzed:	01/25/05			
Benzene 235 5.0 ug/kg 200	<u>, </u>	118	70-130			
Toluene 1160 5.0 " 998		116	70-130			
Ethylbenzene 258 5.0 " 235		110	70-130			
m,p-Xylene 914 10 " 818		112	70-130			
o-Xylene 355 5.0 " 325		109	70-130			
Surrogate: 4-Bromofluorobenzene 137 " 125		110	65-135			
LCS Dup (5012406-BSD1) Prepared	l: 01/24/05	Analyzed:	01/25/05			
Benzene 238 5.0 ug/kg 200		119	70-130	1.27	20	
Toluene 1130 5.0 " 998		113	70-130	2.62	20	
Ethylbenzene 261 5.0 " 235		111	70-130	1.16	20	
m,p-Xylene 930 10 " 818		114	70-130	1,74	20	
o-Xylene 365 5,0 " 325		112	70-130	2.78	20	
Surrogate: 4-Bromofluorobenzene 146 " 125						

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Dennis Dorning, Project Manager

Gribi Associates 1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none] Project Manager: Jim Gribi Reported: 01/27/05 09:38

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	37 .
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5011904 - EPA 5030 GCMS										<u></u>
Blank (5011904-BLK1)		<u>-</u>		Prepared:	01/19/05	Analyze	i: 01/20/05			
Tert-amyl methyl ether	ND	2.0	ug/ì							
Tert-butyl alcohol	ND	10	п							
Di-isopropyl ether	ND	2.0	II .							
Ethyl tert-butyl ether	ND	2.0	н							
Methyl tert-butyl ether	ND	1.0	#1							
Surrogate: Toluene-d8	40.1		H	40.0		100	87.6-115			
Surrogate: 4-Bromofluorobenzene	39.0		"	40.0		97.5	80-112			
Surrogate: Dibromofluoromethane	<i>39.7</i>		"	40.0		99.2	78.6-122			
LCS (5011904-BS1)				Prepared:	01/19/05	Analyze	1: 01/20/05			
Surrogate: Toluene-d8	40.3		ug/l	40.0	•	101	87.6-115			
Surrogate: 4-Bromofluorobenzene	39.5		"	40.0		98.8	80-112			
Surrogate: Dibromofluoromethane	41.9		11	40.0		105	78.6-122			
Matrix Spike (5011904-MS1)	Source: T500045-09			Prepared:	01/19/05	Analyze	d: 01/20/05			
Surrogate: Toluene-d8	40.6		ug/l	40.0		102	87.6-115			
Surrogate: 4-Bromofluorobenzene	39.1		ı,	40.0		97.8	80-112			
Surrogate: Dibromofluoromethane	41.0		rr .	40.0		102	78.6-122			
Matrix Spike Dup (5011904-MSD1)	Sc	urce: T5000	45 <u>-09</u>	Prepared:	01/19/05	Analyze	d: 01/20/05			
Surrogate: Toluene-d8	39.9		ug/l	40.0		99.8	87.6-115			
Surrogate: 4-Bromofluorobenzene	40.2		"	40.0		100	80-112			
Surrogate: Dibromofluoromethane	40.0		H	40.0		100	78.6-122			
Batch 5011905 - EPA 5030 GCMS										
Blank (5011905-BLK1)				Prepared	01/19/ <u>05</u>	Analyze	d: 01/22/05			
Tert-amyl methyl ether	ND	5.0	ug/kg							
Tert-butyl alcohol	ND	20	11							
Di-isopropyl ether	ND	5.0	u							
Ethyl tert-butyl ether	ND	5.0	u							
Methyl tert-butyl ether	ND	5.0	н							
Surrogate: Toluene-d8	100	• • •	"	100		100	85.8-113			
Surragate: 4-Bromofluorobenzene	91.6		ır	100		91.6	73.5-115			
Surrogate: Dibromofluoromethane	102		"	100		102	79-126			

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Dennis Dorning, Project Manager

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1090 Adam Street, Suite K Benicia CA, 94510 Project: The Surgery Center

Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

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 5011905 - EPA 5030 GCMS										
LCS (5011905-BS1)				Prepared:	01/19/05	Analyzed	l: 01/25/05			
Surrogate: Toluene-d8	103		ug/kg	100		103	85.8-113			
Surrogate: 4-Bromofluorobenzene	96.4		"	100		96.4	73.5-115			
Surrogate: Dibromofluoromethane	95.3		tt	100		95.3	79-126			
LCS Dup (5011905-BSD1)	····			Prepared:	01/19/05	Analyzed	l: 01/25/05			
Surrogate: Toluene-d8	103		ug/kg	100		103	85.8-113			
Surrogate: 4-Bromofluorobenzene	96.7		11	100		96.7	73.5-115			
Surrogate: Dibromofluoromethane	96.9		Tr	100		96.9	79-126			

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Dennis Dorning, Project Manager

Project: The Surgery Center

1090 Adam Street, Suite K Benicia CA, 94510 Project Number: [none]
Project Manager: Jim Gribi

Reported: 01/27/05 09:38

Notes and Definitions

M A matrix effect was present.

O-04 This sample was analyzed outside the EPA recommended holding time.

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds

present in the sample extract.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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