ENVIRONMENTAL BIO-SYSTEMS, INC.
707 View Point Road, Mill Valley, CA 94941
Tel: 415-381-5195; Fax: 415-381-5816; email: augerpro@jps.net

April 16, 2002

Mr. John Sutfin
General Contractor
Superior Underground Tank Service
P.O. Box 1487
San Ramon, CA 94583-1487

RE: Geoprobe Sampling
Sunol Tree Service
3004 Andrade Road
Sunol, California

Dear John:

Environmental Bio-Systems, Inc. (EBS) was retained by your firm to prepare and carry out the scope of work described within this report. All work was carried out at the above mentioned facility located at, Sunol Tree Service at 3004 Andrade Road in Sunol, California (the Site). Environmental Bio-Systems, Inc. (EBS) has been retained Mr. Murray Kelsoe (the owner) to prepare and carry out this work plan at the facility, located at Sunol Tree Service at 3004 Andrade Road in Sunol, California (the Site). The principal project contacts are:

Owner: Mr. Murray Kelsoe, Sunol Tree Service, 3004 Andrade Road, Sunol, CA

General Contractor: Mr. John Sutfin, Superior Underground Tank Service, P.O. Box 1487, San Ramon, CA 94583-1487

Consultant: Mr. James A. Jacobs, CHG#88; Project Manager, Environmental Bio-Systems, Inc., 707 View Point Road, Mill Valley, CA 94941

Driller: Mr. John Reardon, Project Manager, The Auger Group, Inc., dba FAST-TEK Engineering Support Services, 247B Tewksbury Ave., Pt. Richmond, CA 94801.

The scope of work was designed to assess the condition of the soil adjacent to the diesel tank in the northeast corner that will be converted into an underground water storage tank for fire suppression. The diesel tank is a 15,000 gallon capacity, single wall fluid containment tank.

ENVIRONMENTAL WORK

The existing underground tanks will be removed and the facility will be updated to current regulations by Superior Underground Tank Service.

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FIELD PROCEDURES

The purpose of this project was to evaluate the soil beneath the 15,000 gallon diesel tank that will be converted into a water storage tank. Soil samples were collected using a Geoprobe® direct push sampling rig

The boreholes were tremie grouted with neat cement grout to surface. All work was performed by, or under, the direct supervision of a California Certified Hydrogeologist.

Health and Safety Plan

A site-specific health and safety plan was developed by the General Contractor prior to commencement of fieldwork. This plan included anticipated hazards, personal protective equipment requirements for site workers, and emergency procedures.

Drill Cuttings

EBS did not generate drill cuttings or hazardous waste during this operation.

Decontamination Procedures

All down hole coring and sampling equipment was cleaned using an Alconox solution, tap water rinse, and deionized water rinse prior to the coring of each boring.

SAMPLE ANALYSES

A state certified laboratory analyzed the two soil samples:

- TPHg using Environmental Protection Agency (EPA) Method 8015 (modified).
- TPHd using EPA Method 8015 (modified)
- BTEX using EPA Method 8020.
- MTBE using EPA Method 8020

DOCUMENTATION

A map of the soil samples is attached as Figure 1. The laboratory analytical reports, and chain of custody documentation are attached.

ANALYTICAL RESULTS

The results are summarized in the table below. All samples were below reporting levels (non-detect or ND) for all analytes tested except for the diesel. Total petroleum

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hydrocarbons as diesel were detected in SP-1 and SP-2 at 12 and 8.4 mg/Kg, respectively.

TABLE 1 – SUMMARY OF SOIL DATA

Samples collected: 3/27/02
Date analyzed: 4/9/02

Sample #	TPH-g	TPH-d	B-T-E-X	MTBE
SP-1	ND	12 mg/Kg	ND-ND-ND-ND	ND
SP-2	ND	8.4 mg/Kg	ND-ND-ND-ND	ND

CERTIFICATION

The scope of work described in this report was conducted in accordance with generally accepted standards of current environmental practice in California. All documentation generated during the project, including but not limited to additional reports with all conclusions, and recommendations contained therein, shall be time-dependent and should not be considered valid after a 1-year period from their issue. After 1 year from issue, site conditions and recommendations contained within reports should be reviewed.

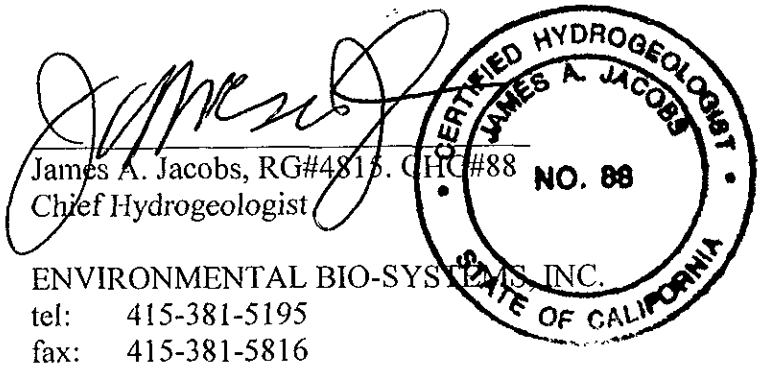
Evaluation of the condition of the Site, for the purpose of this study, will be made from a limited number of observation points. Subsurface conditions may deviate away from these points. Additional work, including further study of the subsurface, can reduce the inherent uncertainties associated with this type of work.

This study will be performed, and the report prepared for the sole use of our client. All reports and the findings contained within are not to be disclosed to nor used by any other party without the prior written consent of Environmental Bio-Systems, Inc. It will be the responsibility of the client to convey any and all recommendations to regulatory agencies and other parties, as appropriate.

The recommendations in this report are professional opinions that our firm has endeavored to provide with competence and reasonable care. We are not able to eliminate the risks associated with environmental work. No guarantees or warrants, express or implied, are provided regarding our recommendations.

The maximum liability of EBS for any reason attendant to the services provided shall not exceed $10,000.00. It is the clients' responsibility to identify property lines and easements. EBS is not responsible for the accuracy of any property line, easement, or

other markers identified by the client. It is the clients' sole responsibility to inform EBS of any hazardous materials or conditions relating to the UST or the work area in general prior to the progression of fieldwork, or immediately upon their subsequent discovery.



James A. Jacobs, RG#4815, CHG#88
Chief Hydrogeologist

ENVIRONMENTAL BIO-SYSTEMS, INC.
tel: 415-381-5195
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LP004A
Murray Kelsoe
Sunol Tree Service Station
3004 Andrade Road
Sunol, California

3-27-02
Notes by Scott Robertson

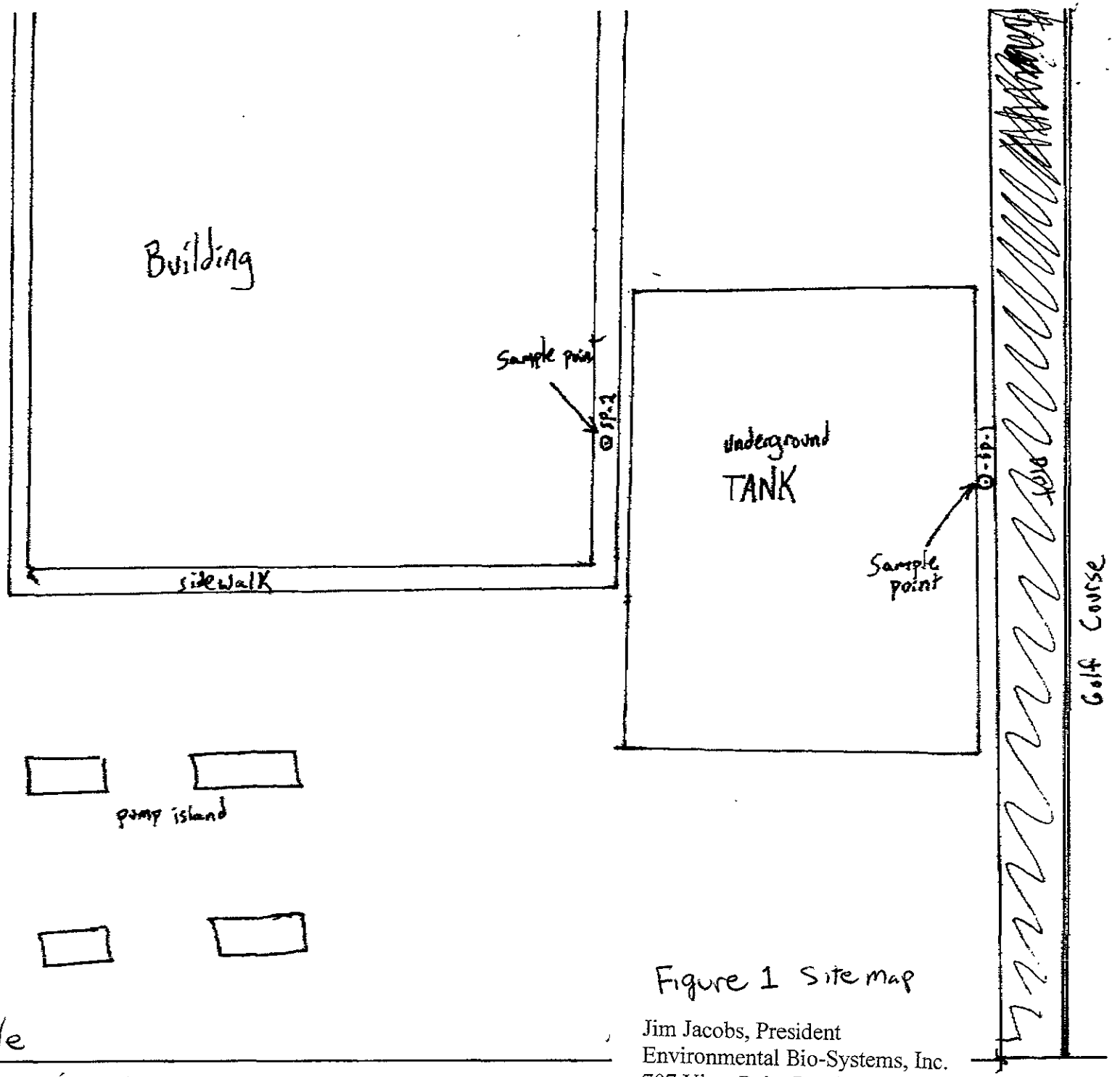


Figure 1 Site map

Jim Jacobs, President
Environmental Bio-Systems, Inc.
707 View Point Road
Mill Valley, CA 94941

CP004A

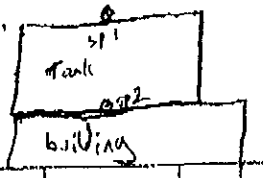
SOIL BORING AND WELL CONSTRUCTION LOG:

CLEARWATER GROUP INC.

Project No. EBS-0100-50TS

Sheet 1 of 2

FIELD LOCATION OF BORING: SP-1



CLIENT/LOCATION: Murray Nelson 3004 Alhambra Pond, Sunol, Ca	PLANNED USE: Soil Sampling	BORING DEPTH: TG. 5 ft	BORING/WELL NO.: SP-1
DRILLING CONTRACTOR: Fast-Tek	DRILL RIG TYPE: Power Probe	WELL DEPTH:	BORING DIAMETER: 2"
DRILL RIG OPERATOR: Abullah	WELL MATERIAL:	SCREEN SLOT SIZE:	FILTER PACK:
WELL SEAL:			DRILLING DATE: 3-27-02

SAMPLING METHOD: 2' tube Sampler

MONITORING INSTRUMENT

FIRST ENCOUNTERED WATER DEPTH:

STATIC WATER DEPTH - DATE:

WELL CONSTRUCTION DETAIL	SAMPLING: BLOWS/6" INTERVAL	SAMPLING: INTERVAL	SAMPLING: RECOVERY	SAMPLING: ANALYTICAL	WATER LEVEL	DEPTH (FEET)	OVM READING (PPM)	ESTIMATED PERCENT: GRAVEL	ESTIMATED PERCENT: SAND	ESTIMATED PERCENT: FINES	GRAPHIC LOG
						1–30					

silty CLAY, brown, low to moderate plasticity, with small to medium gravel

FINISH: 9/10

DRILLING START:

LOGGED BY: Scott Robertson

APPROVED BY:

Jim Jacobs, President
Environmental Bio-Systems, Inc.
707 View Point Road
Mill Valley, CA 94941

CP004A

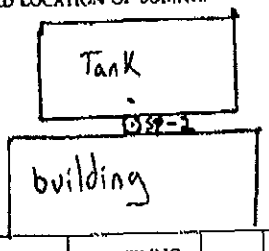
SOIL BORING AND WELL CONSTRUCTION LOG: SP-2

Project No. EBS-0100-5UTS

Sheet 2 of 2

CLEARWATER GROUP INC.

FIELD LOCATION OF BORING:



CLIENT/LOCATION: 3004 Adobe Road, Sonoma, Ca	PLANNED USE: soil sampling	BORING DEPTH: 16.5ft	BORING/WELL NO: SP-2
DRILLING CONTRACTOR: Fast-Tak	DRILL RIG TYPE: power probe	WELL DEPTH:	BORING DIAMETER: 2"
DRILL RIG OPERATOR: Dullal	WELL MATERIAL:	SCREEN SLOT SIZE:	FILTER PACK:
WELL SEAL:			DRILLING DATE: 3-22-02

SAMPLING METHOD: 2" tube sampler

MONITORING INSTRUMENT:

FIRST ENCOUNTERED WATER DEPTH:

STATIC WATER DEPTH - DATE:

FINISH:

DRILLING START:

LOGGED BY: Scott Robertson

APPROVED BY:

WELL CONSTRUCTION DETAIL	SAMPLING: BLOWS/6" INTERVAL	SAMPLING: INTERVAL	SAMPLING: RECOVERY	SAMPLING: ANALYTICAL	WATER LEVEL	DEPTH (FEET)	OVM READING (PPM)	ESTIMATED PERCENT: GRAVEL	ESTIMATED PERCENT: SAND	ESTIMATED PERCENT: FINES	GRAPHIC LOG
						1–30					

Silty CLAY, brown, low to moderate plasticity, some fine sand

Jim Jacobs, President
Environmental Bio-Systems, Inc.
707 View Point Road
Mill Valley, CA 94941

KIFF ANALYTICAL LLC

Report Number : 25647
Date : 4/9/2002

Jim Jacobs
Environmental Bio-Systems, Inc.
707 View Point Rd
Mill Valley, CA 94941

Subject : 2 Soil Samples
Project Name : Sunol Tree Service Station
Project Number : EBS-0010-SUTS

Dear Mr. Jacobs,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 25647
Date : 4/9/2002

Subject : 2 Soil Samples
Project Name : Sunol Tree Service Station
Project Number : EBS-0010-SUTS

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples SP-1 and SP-2.

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 916-297-4800

KIFF ANALYTICAL LLC

Report Number : 25647
Date : 4/9/2002

Project Name : **Sunol Tree Service Station**
Project Number : **EBS-0010-SUTS**

Sample : **SP-1** Matrix : Soil Lab Number : 25647-01
Sample Date :3/27/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/3/2002
Toluene - d8 (Surr)	91.1		% Recovery	EPA 8260B	4/3/2002
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	4/3/2002
TPH as Diesel	**12**	1.0	mg/Kg	M EPA 8015	4/3/2002
1-Chlorooctadecane (Diesel Surrogate)	106		% Recovery	M EPA 8015	4/3/2002

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 25647
Date : 4/9/2002

Project Name : **Sunol Tree Service Station**
Project Number : **EBS-0010-SUTS**

Sample : **SP-2** Matrix : Soil Lab Number : 25647-02
Sample Date :3/27/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	4/3/2002
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	4/3/2002
Toluene - d8 (Surr)	93.0		% Recovery	EPA 8260B	4/3/2002
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	4/3/2002
TPH as Diesel	**8.4**	1.0	mg/Kg	M EPA 8015	4/3/2002
1-Chlorooctadecane (Diesel Surrogate)	103		% Recovery	M EPA 8015	4/3/2002

Approved By: Joel Kiff

Report Number : 25647

Date : 4/9/2002

QC Report : Method Blank Data

Project Name : **Sunol Tree Service Station**

Project Number : **EBS-0010-SUTS**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	4/2/2002
1-Chlorooctadecane (Diesel Surrogate)	104		%	M EPA 8015	4/2/2002
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2002
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2002
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2002
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2002
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	3/30/2002
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	3/30/2002
Toluene - d8 (Surr)	97.2		%	EPA 8260B	3/30/2002
4-Bromofluorobenzene (Surr)	95.8		%	EPA 8260B	3/30/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 25647
Date : 4/9/2002

Project Name : **Sunol Tree Service Station**
Project Number : **EBS-0010-SUTS**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	25676-19	3.7	20.0	20.0	18.8	19.0	mg/Kg	M EPA 8015	4/2/02	79.4	80.0	0.774	60-140	25
Benzene	25594-06	<0.0050	0.0386	0.0396	0.0362	0.0388	mg/Kg	EPA 8260B	3/30/02	93.7	97.8	4.36	70-130	25
Toluene	25594-06	<0.0050	0.0386	0.0396	0.0336	0.0360	mg/Kg	EPA 8260B	3/30/02	87.2	90.8	4.13	70-130	25
Tert-Butanol	25594-06	<0.0050	0.193	0.198	0.165	0.177	mg/Kg	EPA 8260B	3/30/02	85.4	89.3	4.48	70-130	25
Methyl-t-Butyl Ether	25594-06	<0.0050	0.0386	0.0396	0.0329	0.0353	mg/Kg	EPA 8260B	3/30/02	85.2	89.2	4.58	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC
720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 25647
Date : 4/9/2002

QC Report : Laboratory Control Sample (LCS)

Project Name : **Sunol Tree Service Station**
Project Number : **EBS-0010-SUTS**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	4/2/02	90.9	70-130
Benzene	0.0397	mg/Kg	EPA 8260B	3/30/02	94.7	70-130
Toluene	0.0397	mg/Kg	EPA 8260B	3/30/02	87.8	70-130
Tert-Butanol	0.198	mg/Kg	EPA 8260B	3/30/02	92.3	70-130
Methyl-t-Butyl Ether	0.0397	mg/Kg	EPA 8260B	3/30/02	86.8	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC
720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC
720 Olive Drive, Suite D
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4803

Lab No. 25647 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Manager: Jim Jacobs
Phone No.: (415) 381-5195
Company/Address: Environmental Bio-Systems, Inc
FAX No.: (415) 381-5816
Project Number: EBS-0010-SUTS
P.O. No.:
Email Address: augerpro@jps.net
☐.pdf ☐.xls ☐.doc ☐other
Project Name/Location: Summit Tree Service Station 3004 Alvarado Road, Suisun, Ca.
Sampler Signature: Scott Robertson

Sample Designation	Sampling Date	Sampling Time	Container (Type/Amount): 40 ml VOA	SLEEVE				Method Preserved: HCl	HNO_3	ICE	NONE		Matrix: WATER (SOIL)		Analysis Request: BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8016)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)				TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
SP-1	3-27-02	910		X						X			X				X		X											X	-01
SP-2	3-27-02	1000		X						X			X				X		X											X	-02

	Date	Time		
Relinquished by: Scott Robertson	3-27-02		Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date 03-27-02	Time 1325	Received by Laboratory: John Cuttle / Kiff Analytical	Bill to:

Distribution: White - Lab, Yellow - File, Pink - Originator

COC.fh8 (5/00)