ENVIRONMENTAL ENGINEERING, INC
2680 Bishop Drive, Suite 203, San Ramon, CA 94583
TEL (925) 244-6600 • FAX (925) 244-6601

December 5, 2000

Trish Maguire
Wastewater Control Representative
East Bay Municipal Utility District
EBMUD – Mail Slot #702
Source Control Division
P.O. Box 24055
Oakland, CA 94623-1055

RE: Tony's Express Auto Service
3609 International Blvd.
Oakland, CA 94601
Wastewater Discharge Permit No. 504-27421

Dear Ms. Maguire:

In compliance with our Wastewater Discharge Permit and as requested in your letter dated November 6, 2000, I have enclosed the semi-annual technical report for Tony's Express Auto Service. This report contains a record of discharge from the system, as well as an account of all changes made to the system. Also included in the report are the documents related to the sampling of the effluent at the site. Each lab report contains the chain of custody, the lab results, and any QA/QC analyses performed by the laboratory. Please contact me if you have any questions or comments.

Thank you,

Patrick A. Sullivan

Patrick Sullivan
Project Hydrogeologist
SOMA Environmental Engineering, Inc.
(952) 244-6600

ENVIRONMENTAL PROTECTION
00 DEC 15 PM 3:14

cc: Mr. Abolghassem Razi w/enclosure
Mr. Barney Chan w/enclosure ✓
Alameda County Dept. of Env. Health

Certification Statement

Chief Executive Officer

Abolghassem Razi	Owner
Name	Title

3609 International Boulevard	Oakland	94601
Street Address	City	Zip

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

12-8-2000

Date

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1.0 INTRODUCTION

This report presents the record of wastewater discharge from the groundwater remediation system operated by SOMA Environmental Engineering, Inc. (SOMA) on behalf of Mr. Abolghassem Razi, the property owner. The project site is Tony's Express Auto Service; located at 3609 International Boulevard, Oakland, California (the "Site"), see Figure-1.

The Site is located at the intersection of 36th Avenue and International Boulevard (formerly known as East 14th Street), Oakland, California: see Figure-1. It is currently used as a gasoline service station and mechanic shop. The Site is relatively flat, and the surrounding properties are primarily commercial businesses and residential housing. Figure-2 shows the location of the main building, fuel tank areas, and on-site and off-site groundwater monitoring wells. Currently, the groundwater monitoring wells are being monitored on a quarterly basis. The results of the groundwater monitoring programs have indicated elevated levels of petroleum hydrocarbons in the groundwater beneath the Site. The source of petroleum hydrocarbons in the groundwater is believed to be the former underground storage tanks (USTs), which were used to store gasoline at the Site.

1.1 Background

Currently, the Site is used as a gasoline service station. The environmental investigation at the subject property started since 1992, when Mr. Razi, the property owner retained Soil Tech Engineering, Inc. (STE) of San Jose to conduct a limited subsurface investigation. The purpose of STE's investigation was to determine whether or not the soil near the product lines and underground storage tanks (USTs) have been impacted with petroleum hydrocarbons.

In July 1993, STE removed one single-walled 10,000-gallon gasoline tank and

one single-walled 6,000-gallon gasoline tank along with a 550-gallon waste oil tank from the Site. Three double-walled USTs replaced these tanks. Currently, there are one-10,000 gallon double-walled gasoline tank and two-6,000 gallon double-walled gasoline tanks beneath the Site (Figure 2).

In December 1997, Mr. Razi retained Western Geo-Engineers (WEGE) to conduct additional investigation and perform groundwater monitoring on a quarterly basis. The results of WEGE groundwater monitoring events indicated elevated levels of petroleum hydrocarbons and methyl tertiary butyl ether (MTBE) in the groundwater.

In April 1999, Mr. Razi retained SOMA to conduct groundwater monitoring, risk based corrective action (RBCA), corrective action plan (CAP) and soil and groundwater remediation at the Site. The results of the RBCA study indicated that the site is a high-risk area; therefore, the soil and groundwater in on-and off-site areas needs to be remediated. The results of CAP study indicated that installation of a French Drain along with air sparging technique is a cost effective alternative for site remediation.

In late August 1999, SOMA installed a French Drain and initiated a groundwater treatment system to prevent further migration of chemically impacted groundwater. Currently, this treatment system has been in operation since early December 1999. The purpose of this report is to present a record of the wastewater discharged from this system to the EBMUD sewer system during the period from May 15, 2000 to November 14, 2000.

2.0 TREATMENT SYSTEM OPERATION

The operation of the treatment system was started on December 6, 1999. Since then, more than 850,000 gallons (recording date is November 2000) of

groundwater has been treated and discharged to the East Bay Municipal Utility District (EBMUD) under the existing discharge permit (see Appendix A). As required by the discharge permit and the ACEHS, inspection of the treatment system has been performed on a weekly basis since the system began operation. Also, effluent from the treatment system has been sampled and analyzed for chemical content on a monthly basis since August, and weekly before that.

Table-1 shows total volume of effluent discharged to EBMUD, as well as the results of laboratory analysis of the effluent treated at the Site. Table-1 shows that all effluent samples during discharge have maintained compliance with the permit, having values below the level of detection limit. During the past 6 months, approximately 11,000 gallons of chemically impacted groundwater per week has been processed by the treatment system. This is roughly half of the 20,000 gallons treated weekly during the prior six-month period, and is likely due to the decrease in precipitation and lowering of the local water table. We expect this trend to reverse during the next few months.

Based on our original calculations, we anticipated using 2546 pounds of carbons to treat the groundwater annually. However, these calculations were based on TPH-g being the limiting factor. In reality, it has been MTBE that is the first to breakthrough. As a result, 6500 pounds of carbon has been used by the treatment system: approximately 4000 pounds from November 1999 to May 2000, and 2500 pounds from May to November of 2000.

3.0 CHANGES TO REMEDIATION SYSTEM

No modifications have been made to the system. The only changes that have been made to the system are the monthly replacement of spent charcoal from the GACs.

4.0 REPORT LIMITATIONS

This report is the summary of work done by SOMA including observations and descriptions of the Site conditions. It includes the analytical results produced by Delta Environmental Laboratories, as well as the data summaries produced by the previous environmental consultants. The number and location of the wells were selected to provide the required information, but may not be completely representative of the entire Site conditions. All conclusions and recommendations are based on the results of laboratory analysis. Conclusions beyond those specifically stated in this document should not be inferred from this report.

SOMA warrants that the services provided were done in accordance with the generally accepted practices in the environmental engineering and consulting field at the time of this sampling.

5.0 REFERENCES

Soil Tech Engineering, Quarterly Groundwater Monitoring Reports, from 1995, until July 1997

SOMA –Environmental Engineering, Inc., June 30, 1999, "Second Quarter 1999 Groundwater Monitoring Report Tony's Express Auto service Oakland, California".

SOMA –Environmental Engineering, Inc., September 14, 1999, "Third Quarter 1999 Groundwater Monitoring Report Tony's Express Auto service Oakland, California".

SOMA –Environmental Engineering, Inc., November 30, 1999, "Fourth Quarter 1999 Groundwater Monitoring Report Tony's Express Auto service Oakland, California".

SOMA –Environmental Engineering, Inc., March 10, 2000, "First Quarter 2000 Groundwater Monitoring Report Tony's Express Auto service Oakland, California".

Western Geo-Engineers, Quarterly Groundwater Monitoring and Sampling Reports from Fourth Quarter 1997 until First Quarter of 1999.

TABLES

Table 1: Total Volume of Water Treated and Effluent Chemistry

Tony's Auto Express, Oakland, California

	Date Sampling & Read	Meter Reading (Gallons)	Lab Results For GAC-1 and Effluent* (concentrations in ug/L)					
			MTBE	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylene
November	11/14/00	854,000						
	11/7/00	842,000	Currently Awaiting Lab Results					
October	10/25/00	825,000						
	10/20/00	821,000						
	10/19/00	820,000						
	10/14/00	818,000						
	10/8/00	814,000						
	10/5/00	812,000						
	10/1/00	809,000	ND	ND	ND	ND	ND	ND
September	9/28/00	807,000						
	9/18/00		ND	ND	ND	ND	ND	ND
	9/14/00	797,000						
	9/4/00	788,000						
August	8/31/00	785,000						
	8/27/00	781,000	ND	ND	ND	ND	ND	ND
	8/24/00	778,000						
July	07/26/200	726,000	ND	ND	ND	ND	ND	ND
	07/19/200	718,000	ND	ND	ND	ND	ND	ND
	07/13/200	712,000	ND	ND	ND	ND	ND	ND
	07/07/200	706,000	ND	ND	ND	ND	ND	ND
June	06/29/00	700,000	ND	ND	ND	ND	ND	ND
	06/21/00	682,220	ND	ND	ND	ND	ND	ND
	06/16/00	669,720	ND	ND	ND	ND	ND	ND
	06/10/00	651,200	ND	ND	ND	ND	ND	ND
	06/02/00		ND	ND	ND	ND	ND	ND
May	05/31/00	629,000	ND	ND	ND	ND	ND	ND

Table 1: Total Volume of Water Treated and Effluent Chemistry

Tony's Auto Express, Oakland, California

	Date Sampling & Read	Meter Reading (Gallons)	Lab Results For GAC-1 and Effluent* (concentrations in ug/L)					
			MTBE	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylene
	05/23/00	603,700	ND	ND	ND	ND	ND	ND
	05/18/00	570,000	ND	ND	ND	ND	ND	ND
	05/10/00	530,400	ND	ND	ND	ND	ND	ND
April	04/30/00	488,300	ND	ND	ND	ND	ND	ND
	04/18/00	485,300	ND	ND	ND	ND	ND	0.51
	04/10/00	440,200	ND	ND	ND	ND	ND	ND
	04/04/00	390,100	ND	ND	ND	ND	ND	ND
March								
	03/24/00	388,000	ND	ND	ND	ND	ND	ND
	03/17/00	357,100	ND	ND	ND	ND	ND	ND
	03/10/00	329,000	ND	ND	ND	ND	ND	ND
	03/03/00	300,000						
February								
	02/25/00	274,000	ND	ND	ND	ND	ND	ND
	02/18/00	233,000	ND	ND	ND	ND	ND	ND
	02/11/00	190,000	ND	ND	ND	ND	ND	ND
	02/04/00	160,800	ND	ND	ND	ND	ND	ND
January								
	01/28/00	130,600	ND	ND	ND	ND	ND	ND
	01/21/00	103,435	ND	ND	ND	ND	ND	ND
	01/14/00	83,500	185	ND	ND	ND	ND	ND
December								
	12/23/99	51,680	1486	NA	ND	ND	ND	ND
	12/23/99		ND	NA	ND	ND	ND	ND
	12/16/99	30,450	963	NA	ND	ND	ND	ND
	12/16/99		ND	NA	ND	ND	ND	ND
	12/09/99	9,000	230	ND	ND	ND	ND	ND
	Pumping began on December 6, 1999							

* Effluent is equivalent to GAC-2

FIGURES

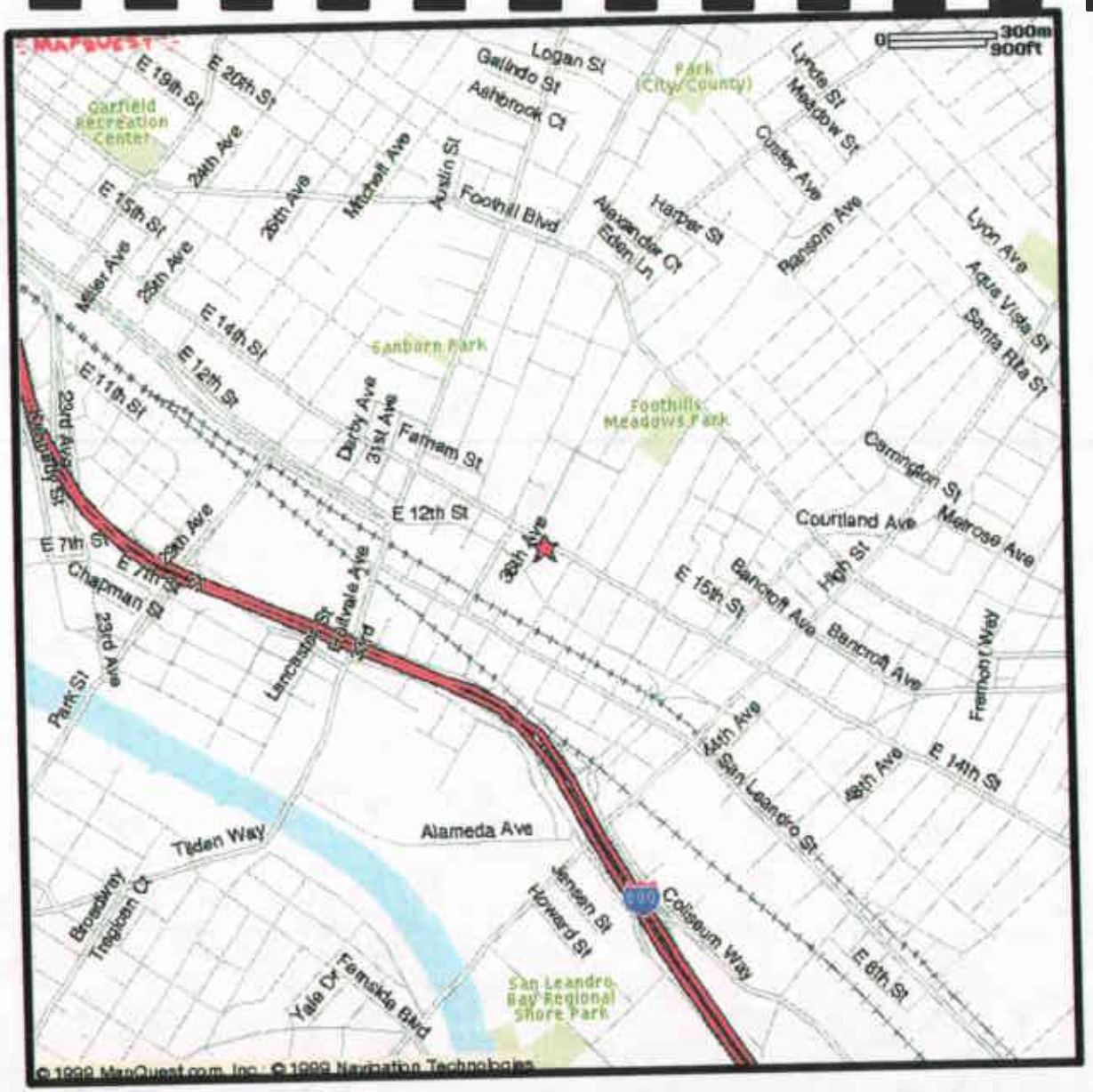

Figure 1: Site Location Map

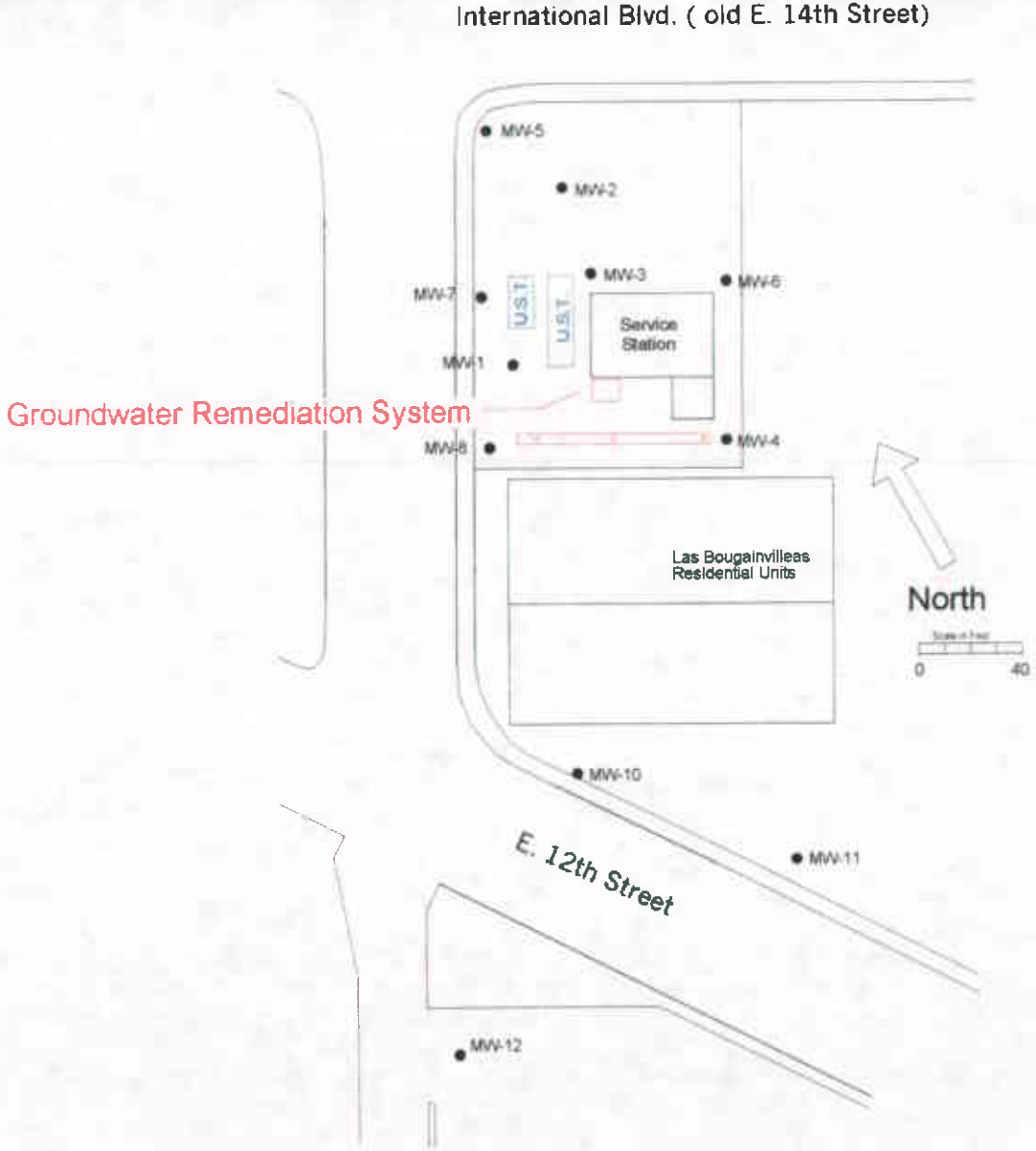

Figure 2: Site Map

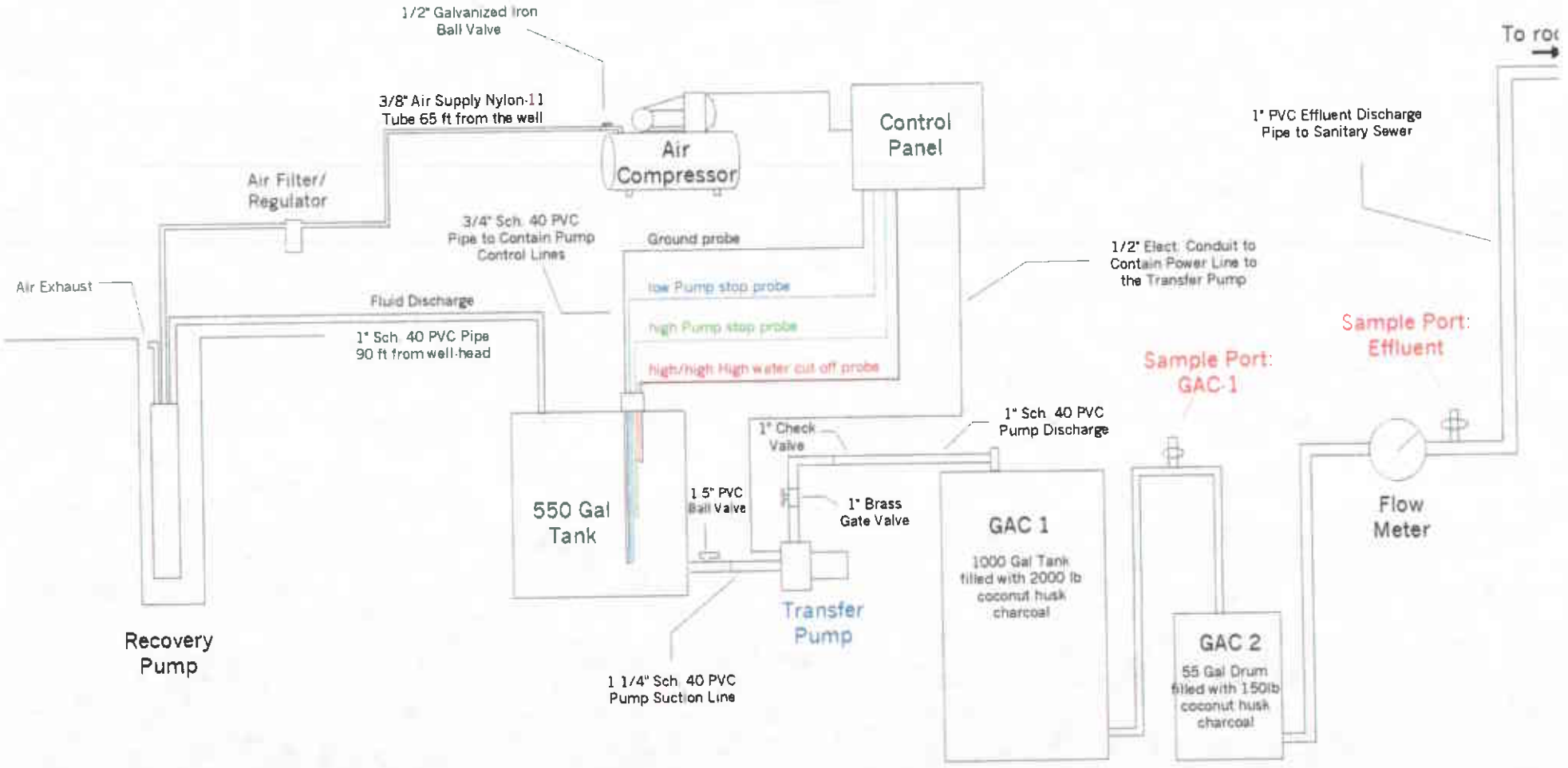

Figure 3: Revised Schematic of the Groundwater Remediation System, March 12, 2000

APPENDIX A

EBMUD DISCHARGE PERMIT

WASTEWATER DISCHARGE PERMIT
Terms and Conditions
APPLICANT INFORMATION

EBMUD

PERMIT NUMBER #504.27421

APPLICANT BUSINESS NAME

[redacted]y's Express Auto Service

PERSON TO BE CONTACTED IN EVENT OF EMERGENCY

[redacted]ce Scofield
Name

[redacted]5) 244-6600 (925) 244-6600
Day Phone Night Phone

925) 244-6601
[redacted]mber

ADDRESS OF PREMISES DISCHARGING WASTEWATER

3609 International Boulevard
Street Address

Oakland, CA 94601
City Zip Code

PERSON TO BE CONTACTED ABOUT THIS APPLICATION

[redacted]ce Scofield
Name

[redacted]ironmental Engineer
Title

[redacted]5) 244-6600 (925) 244-6601
Day Phone Fax Number

FACILITY MAILING ADDRESS

3609 International Boulevard
Street Address

Oakland, CA 94601
City Zip Code

N/A
Electronic Mail Address (E-Mail)

[redacted] EXECUTIVE OFFICER/DULY AUTHORIZED REPRESENTATIVE

[redacted]olghassem Razi
Name (Printed)

Owner
Title

[redacted]9 International Boulevard
Street Address

Oakland, CA 94601
City Zip Code

CERTIFICATION

[redacted]fy under penalty of law that this document and all attachments were prepared under my direction or supervision in [redacted]ance with a system designed to assure that the qualified personnel properly gather and evaluate the information [redacted]mitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible [redacted]thering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and [redacted]te. I am aware that there are significant penalties for submitting false information, including the possibility of [redacted]e and imprisonment for knowing violations.

11-22-99

[redacted]gnature (see certification requirements on reverse)

[redacted]te

[redacted]6/97

WASTEWATER DISCHARGE PERMIT
Terms and Conditions
WATER SOURCE AND USE

EBMUD

FACILITY NAME Tony's Express Auto Service

PURPOSE: This information will enable EBMUD to evaluate the volumes and source(s) of wastewater discharged to the community sewer.

Permit Number

Water Use and Disposition Estimate the average quantity of water received and wastewater discharged daily.
NOTE: Show on a separate sheet the METHOD AND CALCULATIONS used to determine the quantities shown on the table.

	Supply From			Discharged To		
	EBMUD	Other (1)		Community Sewer	Other (2)	
WATER USED FOR:	gal/day	gal/day	code	gal/day	gal/day	code
SANITARY						
PROCESSES						
BOILER						
COOLING						
WASHING						
IRRIGATION						
OTHER (3)		5,000	a.	5,000		
TOTAL						

Notes:

(1) Enter the quantity and the appropriate code letter indicating the source:
a. well b. creek c. estuary d. bay e. stormwater f. reclaimed water

(2) Enter the quantity and the appropriate code letter indicating the discharge point:
a. well b. creek c. estuary d. bay e. stormdrain f. rail, truck, barge g. evaporation h. product

(3) Describe: water pumped from French Drain at the rear of the property for treatment.

Total Number of Employees Total 5

	Office		Production (number of employees per shift)					
			Day Shift		Swing shift		Night shift	
	No.	Hours	No.	Hours	No.	Hours	No.	Hours
Weekday	2	9a.m. to 6p.m.	3	9am to 6pm	1	6pm to 2am	1	2am to 9am
Saturday	0	to	1	12am to 12am	0	to	0	to
Sunday	0	to	1	12am to 12am	0	to	0	to

Source of Wastewater Discharged

Water Meter Number	Use Code (see reverse)	Percent (%) discharged to: Side Sewer									Total % Disch. to all side sewers
		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	
1	W	100									100
32311782	S	100									100

Revised 6/26/97

EBMUD

WASTEWATER DISCHARGE PERMIT
Terms and Conditions
PROCESS DESCRIPTION

FACILITY NAME Tony's Express Auto Service

PURPOSE - The Process Description is intended to provide a description of the primary business activities and the substances which may enter into the wastewater from the business activity.

Permit Number

BUSINESS ACTIVITY	Standard Industrial Classification	Business Classification Code
Service Station	Gas Service Station	6200

DESCRIPTION OF PRODUCT

TYPE OF PRODUCT OR BRAND NAME	QUANTITIES - INDICATE UNITS	
	Past Year 10/98 (Mo. Year) to 10/99 (Mo. Year)	Estimated This Year 10/99 (Mo. Year) to 10/00 (Mo. Year)
Gasoline		
Contaminated Groundwater	1,000 gal.	365,000

PROCESS DESCRIPTION

Process Description (List all wastewater generating operations)	Characteristics (List all substances that may be discharged to the sewer)	Process Number (From Schematic)
Groundwater Extraction	BTEX, MTBE	1,2

PRETREATMENT FACILITIES

Pretreatment: Check the type of treatment, if any, given wastewater before it is discharged to the community sewer:

☐ None ☐ holding tank ☐ grease trap ☐ oil and water separator ☐ grinding ☐ sedimentation ☐ pH adjustment ☐ biological treatment ☐ screening ☐ chlorination ☒ other (describe) activated carbon

Description: Describe the loading rates, design capacity, physical size, etc. of each pretreatment facility checked above. Identify the side sewer to which treated wastewater is discharged.

Groundwater with average benzene and MTBE concentrations of 8,900 ug/L and 9,900 ug/L, respectively. Pumped through (2) two 41 gallon activated carbon units. Discharged to sewer in the building at the site.

OTHER WASTES: List the type and volume of liquid waste and sludge removed from the premises by means other than the community sewer.

Facility EPA Generator I.D. Number CAL000181789

Waste removed by (Name, address, State Transporter I.D. No.)	Type of Waste (Example: Alkaline cleaners, Organic solvents)	EPA Waste No.	State Waste No.	Quantity generated (lbs. or gal. /month)
Clear Water	Gasoline contaminated water			5

Revised 6/26/97

EBMUD

WASTEWATER DISCHARGE PERMIT
Terms and Conditions
STRENGTH SUMMARY

FACILITY NAME Tony's Express Auto Service

PURPOSE: This information will identify for EBMUD the variation in flow rate and the type of constituents and characteristics of the discharge for each side sewer.

Permit Number

Side Sewer No. N/A Side Sewer Location on-site sewer

Wastewater Flow Rate

Peak Hourly (gallons/minute)	Maximum Daily (gallons/day)	Annual Daily Average (gallons/day)	Max. Monthly (CCF *)
20	5,000	1,000	35,000

* CCF = hundred cubic feet = 748 gallons

Discharge Frequency

Discharge Period

[X] Continuous [ ] 24 hrs./day
[ ] 365 day/year; or

a. Time of day from _____ to _____

b. Days of the week _____

Batch Discharge(s)

a. Day(s) of the week _____ b. Time(s) of the day _____

c. Volume discharged _____ d. Rate of Discharge _____

Stormwater Area - Total area in square feet exposed to stormwater, rainwater, and groundwater and draining to this side sewer
0 sq. ft.

Wastewater Strength Estimates - Enter the average annual and maximum wastewater strength for this side sewer for each of the following elements of wastewater strength for the period covered by the Permit. These values will become the basis for sewage disposal charges and are the average and maximum limits on the elements of the discharger's wastewater strength.

Elements of Wastewater Strength	Unit	Average	Maximum
Total Suspended Solids (TSS)	mg/L	0	0
Filtered Chemical Oxygen Demand (CODF)	mg/L	0	0

Provide the name and address of the laboratory and the State of California, Department of Health Services, Environmental Laboratory Accreditation Program Certificate Number of the laboratory performing self-monitoring analyses.

Name Delta Environmental Laboratories Telephone 800-747-6082

Street 685 Stone Road #11 & 12 City Benicia State CA Zip 94510

Certificate Number 1857

APPENDIX B

Laboratory Results and Chain of Custody Forms

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
Proj 2333
3609 InT Blvd
Oakland, CA

Ref.: R5327400
Method 5030 GCFID/ 8020/8260
Sampled: 10/1/00
Received: 10/2/00
Matrix: Water
Analyzed: 10/6/00
Reported: 10/10/00
Units: ug/L
Analyst: DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results Sample ID		
			Influent	GAC-1	Effluent
BTEX					
Benzene	8020	2.0	46	ND	ND
Toluene	8020	2.0	15	ND	ND
Ethylbenzene	8020	2.0	ND	ND	ND
Total-Xylene	8020	2.0	29	ND	ND
MTBE	8260	5.0	178*	ND*	ND*
TPH-g	5030/GCFID	50	2400	ND	ND

ND:Not Detected(< MDL)
* Sample has been confirmed by GC/MS 8260

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
Proj 2333
3609 InT Blvd
Oakland, CA

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.:	Q 5327400
Method	5030 GCFID/ 8020/8260
Sampled:	10/1/00
Received:	10/2/00
Matrix:	Water
Analyzed:	10/6/00
Analyst	DS
Reported:	10/10/00
Units:	ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	2.0	ND	20	103	100	3.0	8020
Toulene	2.0	ND	20	105	106	0.9	8020
Ethylbenzene	2.0	ND	20	101	105	3.9	8020
T-Xylene	2.0	ND	40	108	106	1.9	8020
MTBE	5	ND	20	104	104	0.0	8260
TPH-Gas,GC/FID	50	ND	400	95	100	5.1	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Naser Pakrou
Client Name	SOMA ENV. ENG
Address	
City	
Telephone	Fax: 9252446601
SAMPLER (signature)	
Turnaround Time	STANDARD

Project Name Proj 2333

3609 Int Blvd

LAB ID Oakland CA

Ref #

5327

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPHg, BTEX, MTBE	Comments
1	Influent	10/1	11:00	H2O				+	Confirm MTBE Peaks
2	GAC-1	"	"	"				+	with 8260
3	Effluent	"	"	"				+	

Relinquished by:		Date	10/2
Received By:		Date	10/2/00
Relinquished by:		Date	
Received By:		Date	

1) Have all samples received been stored on ice? NO
2) Did any VOA samples received have any head space? NO
3) Were samples in appropriate containers and packaged properly? YES
4) Were samples receicved in good condition? YES

For Lab Use Only:

WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

DELTA ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
Proj 2333
Tony's Ato express
Oakland

Ref.: R5290400
Method 5030 GCFID/ 8020
Sampled: 9/18/00
Received: 9/19/00
Matrix: Water
Analyzed: 9/27/00
Reported: 9/29/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results Sample ID	
			Gac-1	Effluent
BTEX				
Benzene	8020	2.0	ND	ND
Toluene	8020	2.0	ND	ND
Ethylbenzene	8020	2.0	ND	ND
Total-Xylene	8020	2.0	ND	ND
MTBE	8020	5.0	ND	ND
TPH-g	5030/GCFID	50	ND	ND

ND:Not Detected(<MDL)

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Delta Environmental Laboratories

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Chain of Custody (COC) Form

Results to: Nader Pakiou
Client Name SOMA Env. Eng.
Address
City
Telephone 9252446600 Fax 9252446601
SAMPLER (signature)
Turnaround Time STandard

Project Name Proj 2337
Tony's Site
LAB ID Express, Int.
Ref # Blvd Oakland.

5290

Analysis Requested

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPHg, BTEX, MTBE 8020	Comments
1	GAC-1	9/18	3:00	H2O				4	Confirm MTBE Peaks
2	Effluent	9/18	3:00	"				4	with 8260 with
									detection limit of
									5 ppb. Detection
									limit of 2 ppb for
									BTEX is required.

Special Instructions::

Relinquished by:	Date 9/19/00	1) Have all samples received been stored on ice?
Received By:	Date 9/19/00	2) Did any VOA samples received have any head space? no
Relinquished by:	Date	3) Were samples in appropriate containers and packaged properly? yes
Received By:	Date	4) Were samples receicved in good condition? yes

For Lab Use Only:

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
proj 2333
Treatment System
3609 TNT Blv.
Tony's Auto Express

Ref.: R5229400
Method 5030 GCFID/ 8020/8260
Sampled: 8/27/00
Received: 8/28/00
Matrix: Water
Analyzed: 8/31-9/5/00
Reported: 9/7/00
Units: ug/L
Analyst: DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results Sample ID		
			Influent	Gac-1	Effluent
BTEX					
Benzene	8020	0.5	21.3	ND	ND
Toluene	8020	0.5	ND	ND	ND
Ethylbenzene	8020	0.5	ND	ND	ND
Total Xylene	8020	1.0	ND	ND	ND
MTBE	8020/8260	5.0	180*	ND	ND
TPH-g	5030/GCFID	50	1500	ND	ND

ND:Not Detected(<MDL)
* Sample has been confirmed by GC/MS 8260

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client Project ID:
proj 2333
Treatment System
3609 TNT Blv.
Tony's Auto Express

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.:	Q 5229400
Method	5030 GCFID/ 8020/8260
Sampled:	8/27/00
Received:	8/27/00
Matrix:	Water
Analyzed:	8/31-9/5/00
Analyst	DS
Reported:	9/7/00
Units:	ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	105	101	3.9	8020
Toulene	0.5	ND	20	105	100	4.9	8020
Ethylbenzene	0.5	ND	20	110	95	15	8020
T-Xylene	1.0	ND	40	103	101	2.0	8020
MTBE	5	ND	20	98	101	3.0	8260
TPH-Gas,GC/FID	50	ND	400	108	100	7.7	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
proj 2333

Ref.: R5151400
Method 5030 GCFID/ 8020/8260
Sampled: 7/26/00
Received: 7/27/00
Matrix: Water
Analyzed: 8/3-8/00
Reported: 8/8/00
Units: ug/L
Analyst: DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results Sample ID		
			Gac-1	Inffluent	Effluent
BTEX					
Benzene	**8020**	0.5	ND	16.6	ND
Toluene	**8020**	0.5	ND	4.74	ND
Ethylbenzene	**8020**	0.5	ND	ND	ND
Total-Xylene	**8020**	1.0	ND	5.18	ND
MTBE	**8020/8260**	5.0	ND	171*	ND
TPH-g	**5030/GCFID**	50	ND	1720	ND

ND:Not Detected(<MDL)
* Sample has been confirmed by GC/MS 8260

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

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Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client Project ID:
proj 2333

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.:	Q 5151400
Method	5030 GCFID/ 8020/8260
Sampled:	7/26/00
Received:	7/27/00
Matrix:	Water
Analyzed:	8/3-8/00
Analyst	DS
Reported:	8/8/00
Units:	ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	84	85	1.2	8020
Toulene	0.5	ND	20	87	89	2.3	8020
Ethylbenzene	0.5	ND	20	92	88	4.4	8020
T-Xylene	1.0	ND	40	88	89	1.1	8020
MTBE	5	ND	20	87	84	3.5	8260
TPH-Gas,GC/FID	50	ND	400	103	88	16	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	
Client Name	SOMA
Address	
City	
Telephone	Fax:
SAMPLER (signature)	
Turnaround Time	Standard

Project Name

• Proj 2333

LAB ID

Ref #

5151

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPH g	BTEX - BT	MTBE	8260 if Detected	Comments
1	CAC 1	7/26		W	2			X	X	X		
2	INFLUENT	"		"	2			X	X	X		
3	EFFLUENT	"		"	2			X	X	X		

Relinquished by:	Date 7/27/00	1)	Have all samples received been stored on ice? ____
Received By:	Date 7/27/00	2)	Did any VOA samples received have any head space? ____
Relinquished by:	Date	3)	Were samples in appropriate containers and packaged properly? ____
Received By:	Date	4)	Were samples receicved in good condition? ____

For Lab Use Only:

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
proj 2333
Tony's Auto
Express . Oakland

Ref.: R5134400
Method 5030 GCFID/ 8020
Sampled: 7/19/00
Received: 7/20/00
Matrix: Water
Analyzed: 7/26/00
Reported: 7/28/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results	
			Sample ID	
			Gac-1	Effluent
BTEX				
Benzene	**8020**	0.5	ND	ND
Toluene	**8020**	0.5	ND	ND
Ethylbenzene	**8020**	0.5	ND	ND
Total-Xylene	**8020**	1.0	ND	ND
MTBE	**8020**	5.0	ND	ND
TPH-g	**5030/GCFID**	50	ND	ND

ND:Not Detected(<MDL)

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

proj 2333
Tony's Auto
Express . Oakland

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.:	Q 5134400
Method	5030 GCFID/ 8020
Sampled:	7/19/00
Received:	7/20/00
Matrix:	Water
Analyzed:	7/26/00
Analyst	DS
Reported:	7/28/00
Units:	ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	83	91	9.2	8020
Toulene	0.5	ND	20	85	95	11	8020
Ethylbenzene	0.5	ND	20	84	99	16	8020
T-Xylene	1.0	ND	40	86	94	8.9	8020
MTBE	5	ND	20	101	99	2.0	8020
TPH-Gas,GC/FID	50	ND	400	105	113	7.3	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Naser Pakrou
Client Name	SOMA
Address	
City	
Telephone	9252446600 Fax 9252446601
SAMPLER (signature)	Naser Pakrou
Turnaround Time	Standard

Project Name: Proj 2333 Tonyas Auto

LAB ID: Express Oakland

Ref #: CA

5134

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPHg, BTEX, MTBE	Comments
1	GAC-1	7/19	2:00	Water				X	Confirm MTBE Peaks
2	Effluent	"	"	"				X	with 8260

Relinquished by:		Date 7/20	
Received By:		Date 7/20/03	
Relinquished by:		Date	
Received By:		Date	

For Lab Use Only:

1) Have all samples received been stored on ice? Yes
2) Did any VOA samples received have any head space? No
3) Were samples in appropriate containers and packaged properly? Yes
4) Were samples receicved in good condition? Yes

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
proj 2333
Tony's Auto
Express . Oakland

Ref.: R5109400
Method 5030 GCFID/ 8020
Sampled: 7/13/00
Received: 7/13/00
Matrix: Water
Analyzed: 7/21/00
Reported: 7/24/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results	
			Sample ID	
			Gac-1	Effluent
BTEX				
Benzene	8020	0.5	ND	ND
Toluene	8020	0.5	ND	ND
Ethylbenzene	8020	0.5	ND	ND
Total-Xylene	8020	1.0	ND	ND
MTBE	8020	5.0	ND	ND
TPH-g	5030/GCFID	50	ND	ND

ND:Not Detected(<MDL)

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

proj 2333
Tony's Auto
Express . Oakland

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.: Q 5109400
Method 5030 GCFID/ 8020
Sampled: 7/13/00
Received: 7/13/00
Matrix: Water
Analyzed: 7/21/00
Analyst DS
Reported: 7/24/00
Units: ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	87	87	0.0	8020
Toulene	0.5	ND	20	90	87	3.4	8020
Ethylbenzene	0.5	ND	20	89	90	1.1	8020
T-Xylene	1.0	ND	40	91	91	0.0	8020
MTBE	5	ND	20	118	116	1.7	8020
TPH-Gas,GC/FID	50	ND	400	83	83	0.0	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Naser Pakyoz
Client Name	SOMA Env. Engr.
Address	
City	
Telephone	925 244 6600 Fax: 925 244 6601
SAMPLER (signature)	
Turnaround Time	Standard

Project Name: Prof 2333 Tonys Auto

LAB ID: Express - Oakland

Ref #:

5109

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPHg, BTEX MTBE	Comments
1	GAC-1	7/13	11:20	water				2	Confirm MTBE
2	Effluent	"	"	"				2	Peaks with 8260

Relinquished by:		Date	7/13/00
Received By:		Date	7/13/00
Relinquished by:		Date	
Received By:		Date	

For Lab Use Only:

1) Have all samples received been stored on ice? Yes
2) Did any VOA samples received have any head space? No
3) Were samples in appropriate containers and packaged properly? Yes
4) Were samples receicved in good condition? Yes

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
2332
Tony's Express
Oakland, CA

Ref.: R5094400
Method 5030 GC/FID/8020
Sampled: 7/7/00
Received: 7/7/00
Matrix: Water
Analyzed: 7/12/00
Reported: 7/17/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results Sample ID	
			Gac 1	Effluent
BTEX				
Benzene	8020	0.5	ND	ND
Toluene	8020	0.5	ND	ND
Ethylbenzene	8020	0.5	ND	ND
Total-Xylene	8020	1.0	1.5	ND
MTBE	8020	5.0	ND	ND
TPH-g	5030/GCFID	50	ND	ND

ND:Not Detected(<MDL)

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

2333-3

WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

DELTA

ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
2333
Treatment System
Tony's Express
Oakland, CA

Ref.: R5079400
Method 5030 GCFID/ 8020/ 8260
Sampled: 6/29/00
Received: 6/29/00
Matrix: Water
Analyzed: 7/3-5/00
Reported: 7/11/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit - ug/L	Results	
			Sample ID	
			Gac 1	Effluent
BTEX				
Benzene	8020	0.5	ND	ND
Toluene	8020	0.5	ND	ND
Ethylbenzene	8020	0.5	ND	ND
Total-Xylene	8020	1.0	ND	ND
MTBE	8020/8260	5.0	ND*	ND
TPH-g	5030/GCFID	50	ND	ND

ND:Not Detected(<MDL)
*GC results showed the presence of MTBE which was not confirmed by GC/MS;EPA 8260 .

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
2333
Treatment System
Tony's Express
Oakland, CA

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.:	Q 5079400
Method	5030 GCFID/ 8020 / 8260
Sampled:	6/29/00
Received:	6/29/00
Matrix:	Water
Analyzed:	7/3-5/00
Analyst	DS
Reported:	7/11/00
Units:	ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	5.0	ND	20	96	94	2.1	8020
Toulene	5.0	ND	20	100	100	0.0	8020
Ethylbenzene	5.0	ND	20	109	107	1.9	8020
T-Xylene	5.0	ND	40	100	100	0.0	8020
MTBE	5.0	ND	20	91	88	3.4	8260
TPH-Gas,GC/FID	50	ND	400	93	98	5.2	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca. 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Nasser Parkvew
Client Name	SOMA ENV. Eng.
Address	
City	
Telephone	925 244 6600 Fax: 925 244 6600
SAMPLER (signature)	
Turnaround Time	Standard

Project Name: PVO 2333 Treatment System

LAB ID: Tonys Express ~~Oakland CA~~

Ref #:

5079

Analysis Requested

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPHg + BTEX + MTBE	Comments
1	GAC-1	6/29	10:20	H2O				✓	Confirm MTBE Peaks
2	Effluent	—	"	"				✓	with 8260

Relinquished by:		Date 6/29	1) Have all samples received been stored on ice?
Received By:		Date 6/29/00	2) Did any VOA samples received have any head space?
Relinquished by:		Date	3) Were samples in appropriate containers and packaged properly?
Received By:		Date	4) Were samples received in good condition?

For Lab Use Only:

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
2333
Tonys Auto Express
Oakland, CA

Ref.: R5064400
Method 5030 GCFID/ 8020
Sampled: 6/21/00
Received: 6/23/00
Matrix: Water
Analyzed: 6/28/00
Reported: 6/30/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results	
			Sample ID	
			Gac 1	Effluent
BTEX				
Benzene	8020	0.5	ND	ND
Toluene	8020	0.5	ND	ND
Ethylbenzene	8020	0.5	ND	ND
Total-Xylene	8020	1.0	ND	ND
MTBE	8020	5.0	ND	ND
TPH-g	5030/GCFiD	50	ND	ND

ND:Not Detected(< MDL)

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client Project ID:
2333
Tonys Auto Express
Oakland, CA

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.: Q 5064400
Method 5030 GCFID/ 8020
Sampled: 6/21/00
Received: 6/23/00
Matrix: Water
Analyzed: 6/28/00
Analyst DS
Reported: 6/30/00
Units: ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	91	91	0.0	8020
Toulene	0.5	ND	20	93	94	1.1	8020
Ethylbenzene	0.5	ND	20	94	98	4.2	8020
T-Xylene	1.0	ND	40	94	98	4.2	8020
MTBE	5	ND	20	91	89	2.2	8020
TPH-Gas,GC/FID	50	ND	400	95	93	2.1	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Project Name 2333
Tony's Auto Express
Oakland, CA

LAB ID

Ref #

5064

Results to:	Naser Pakrou
Client Name	SOMA Env.
Address	
City	
Telephone (925) 244-6600	Fax: (925) 244-6601
SAMPLER (signature)	
Turnaround Time	Standard

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	EPA 8020 TPHg, BTEX, MTBE	Confirm MTBE w/ 8260	Comments
1	GAC 1	6/21	12:30p	H_2O	1			X	X	
2	Effluent	6/21	12:30p	H_2O	1			X	X	

Relinquished by:		Date	6/23/00
Received By:		Date	6/23/00
Relinquished by:		Date	
Received By:		Date	

1) Have all samples received been stored on ice? ____
2) Did any VOA samples received have any head space? ____
3) Were samples in appropriate containers and packaged properly? ____
4) Were samples receicved in good condition? ____

For Lab Use Only:

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
2333
Tony's Express
Treatment System

Ref.: R5047400
Method 5030 GCFID/ 8020/ 8260
Sampled: 6/16/00
Received: 6/16/00
Matrix: Water
Analyzed: 6/20/00
Reported: 6/23/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results
			Sample ID
			Gac-1
BTEX			
Benzene	**8020**	0.5	ND
Toluene	**8020**	0.5	ND
Ethylbenzene	**8020**	0.5	ND
Total-Xylene	**8020**	1.0	ND
MTBE	**8260**	5.0	ND*
TPH-g	**5030/GCFID**	50	ND

ND:Not Detected(<MDL)
*GC results showed the presence of MTBE which was not confirmed by GC/MS;EPA 8260 .

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

DELTA ENVIRONMENTAL LABORATORIES, Ltd

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client Project ID:
2333
Tony's Express
Treatment System

Samplie Spiked:Blank

Attention: Dr. M Sepehr

Ref.: Q 5047400
Method 5030 GCFID/ 8020 / 8260
Sampled: 6/16/00
Received: 6/16/00
Matrix: Water
Analyzed: 6/20/00
Analyst DS
Reported: 6/23/00
Units: ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	94	97	3.1	8020
Toulene	0.5	ND	20	98	101	3.0	8020
Ethylbenzene	0.5	ND	20	99	101	2.0	8020
T-Xylene	1.0	ND	40	98	100	2.0	8020
MTBE	5	ND	20	100	107	6.8	8260
TPH-Gas,GC/FID	50	ND	400	95	98	3.1	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Nazer Pakroo
Client Name	SOMA
Address	
City	
Telephone	244 660 0 Fax: 925 244 6601
SAMPLER (signature)	
Turnaround Time	Standard

Project Name: 2333 Tony's Express

LAB ID: Treatment System

Ref #: 5047

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	TPH4, BTEX, MTBE	Comments
1.	GAC-1	6/16	10:30	H_2O				✓	8015/8020 Confirm MTBE Peak with 8260.

Relinquished by:		Date	
Received By:		Date	6/16/05
Relinquished by:		Date	
Received By:		Date	

For Lab Use Only:

1) Have all samples received been stored on ice? ____
2) Did any VOA samples received have any head space? ____
3) Were samples in appropriate containers and packaged properly? ____
4) Were samples receicved in good condition? ____

DELTA
ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
#2333
Tony's Auto Express
Oakland, CA

Ref.: R5030400
Method 5030 GCFID/ 8020/ 8260
Sampled: 6/10/00
Received: 6/12/00
Matrix: Water
Analyzed: 6/19/00
Reported: 6/21/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX & MTBE Analysis

Analyte	EPA Method	Detection Limit ug/L	Results	
			Sample ID	
			GAC 1	GAC 2
BTEX				
Benzene	8020	0.5	ND	ND
Toluene	8020	0.5	ND	ND
Ethylbenzene	8020	0.5	ND	ND
Total-Xylene	8020	1.0	1.1	ND
MTBE	8260	5.0	ND*	ND
TPH-g	5030/GCFiD	50	ND	ND

ND:Not Detected(< MDL)

* GC results showed the presence of MTBE which was not confirmed by GC/MS EPA 8260.

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

#2333
Tony's Auto Express
Oakland, CA

Sample Spiked:Blank

Attention: Dr. M Sepehr

Ref.: Q 5030400
Method 5030 GCFID/ 8020 / 8260
Sampled: 6/10/00
Received: 6/12/00
Matrix: Water
Analyzed: 6/19/00
Analyst DS
Reported: 6/21/00
Units: ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	100	93	7.3	8020
Toulene	0.5	ND	20	103	97	6.0	8020
Ethylbenzene	0.5	ND	20	102	96	6.1	8020
T-Xylene	1.0	ND	40	101	98	3.0	8020
MTBE	5	ND	20	88	84	4.7	8260
TPH-Gas,GC/FID	50	ND	400	93	100	7.3	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Naser Pakrou
Client Name	SOMA
Address	
City	
Telephone	(925) 244-6600 Fax: (925) 244-6601
SAMPLER (signature)	Patrick A. Sullivan
Turnaround Time	Standard

Project Name #2333
Tonys Express Auto
Oakland, CA

LAB ID

Ref #

5030

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	EPA 8020 TPHg BTEX, MTBE	confirm MTBE peaks w/ EPA 8260	Comments
1	GAC 1	6/10	12pm	H_2O	2			✓	✓	preserved with HCl
2	GAC 2	6/10	12pm	H_2O	2			✓	✓	" " "

Relinquished by:	Patrick A. Sullivan	Date	6/12/00
Received By:		Date	6/12/00
Relinquished by:		Date	
Received By:		Date	

1) Have all samples received been stored on ice? ___
2) Did any VOA samples received have any head space? ___
3) Were samples in appropriate containers and packaged properly? ___
4) Were samples receicved in good condition? ___

For Lab Use Only:

2333-3

WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

DELTA ENVIRONMENTAL LABORATORIES, Ltd

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

Client project ID:
2333
International Blvd
Oakland,CA

Ref.: R5000400
Method 5030 GCFID/ 8020/ 8260
Sampled: 6/2/00
Received: 6/2/00
Matrix: Water
Analyzed: 6/7-9/00
Reported: 6/13/00
Units: ug/L
Analyst DS

Attention: Dr. M Sepehr

Laboratory Results for TPH + BTEX Analysis

Analyte	EPA Method	Detection Limit ug/L	Results
			Sample ID
			Gac#1
BTEX			
Benzene	8020	0.5	ND
Toluene	8020	0.5	ND
Ethylbenzene	8020	0.5	ND
Total-Xylene	8020	1.0	ND
MTBE	8260	5.0	ND*
TPH-g	5030/GCFiD	50	ND

ND:Not Detected(< MDL)
*GC results showed the presence of MTBE which was not confirmed by GC/MS;EPA 8260 .

Delta Environmental Laboratories

Hossein Khosh Khoo, Ph.D.

Quality Control Report

SOMA
2680 Bishop Drive, Suite 203
San Ramon, CA 94583

2333
International Blvd
Oakland,CA

Sample Spiked:Gac#1/for btex & TPH-g
Samplie Spiked:Blank/for MTBE

Attention: Dr. M Sepehr

Ref.:	Q 5000400
Method	5030 GCFID/ 8020 / 8260
Sampled:	6/2/00
Received:	6/2/00
Matrix:	Water
Analyzed:	6/7-9/00
Analyst	DS
Reported:	6/13/00
Units:	ug/L

Quality Control Report for TPH ,BTEX & MTBE

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
Benzene	0.5	ND	20	98	95	3.1	8020
Toulene	0.5	ND	20	100	96	4.1	8020
Ethylbenzene	0.5	ND	20	98	103	5.0	8020
T-Xylene	1.0	ND	40	101	95	6.1	8020
MTBE	5	ND	20	102	103	1.0	8260
TPH-Gas,GC/FID	50	ND	400	93	95	2.1	5030

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Chain of Custody (COC) Form

685 Stone Road #11 & 12
Benicia, Ca, 94510
(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Results to:	Naser Pakrou
Client Name	SoMA
Address	
City	
Telephone	(925) 244-6600 Fax: (925) 244-6601
SAMPLER (signature)	Patrick C. Sullivan
Turnaround Time	Standard

Project Name 2333 International Blvd. Oakland, CA

LAB ID

Ref #

5000

Special Instructions::

#	Sample ID	Date	Time	Matrix	No. of containers	pH	Temperature	EPA 8020 - MTBE, TAME, BTEX	confirm MTBE hits w/ EPA 8260	Comments
1	GAC #1	6/2	8:30 AM	H_2O	2			X	X	

Analysis Requested

Relinquished by:	Patrick C. Sullivan	Date 6/2
Received By:		Date
Relinquished by:		Date 6/2/05
Received By:		Date

For Lab Use Only:

1) Have all samples received been stored on ice? ____
2) Did any VOA samples received have any head space? ____
3) Were samples in appropriate containers and packaged properly? ____
4) Were samples receicved in good condition? ____

2333-3

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

SOMA Environmental Engineering Inc.
2680 Bishop Dr.
Suite 203
San Ramon, CA 94583

Date: 06-JUN-00
Lab Job Number: 145784
Project ID: 2333
Location: Treatment System

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

CA ELAP # 1459

CHAIN OF CUSTODY FORM

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 144784

Project No: 2333
Project Name: Treatment System
Project P.O.:
Turnaround Time: Standard

Sampler: Naser Pakrou
Report To: Naser Pakrou
Company: SOMA Env. Eng
Telephone: 925 244 6600
Fax: 925 244 6601

Analyses: TPHg, BTEX, MTBE

Laboratory Number	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO	Preservative: HNO_3	Preservative: ICE	Field Notes	TPHg, BTEX, MTBE
1	GAC-1	5/23 4:30		✓		2	✓			✓	Confirm MTBE Peak with 8260	✓

For Laboratory Use

Notes: Received Chilled LB

RELINQUISHED BY:		RECEIVED BY:	
[signature]	5/24/00 11:50 DATE/TIME	Lisa [signature]	05-24-00 11:55 DATE/TIME
	DATE/TIME		DATE/TIME
	DATE/TIME		DATE/TIME

Signature

Curtis & Tompkins, Ltd.

Gasoline by GC/FID CA LUFT

Lab #:	145784	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8015M
Field ID:	GAC-1	Batch#:	56179
Matrix:	Water	Sampled:	05/23/00
Units:	ug/L	Received:	05/24/00
Diln Fac:	1.000		

Type: SAMPLE
Lab ID: 145784-001
Analyzed: 05/31/00

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	59-135
Bromofluorobenzene (FID)	123	60-140

Type: BLANK
Lab ID: QC116978
Analyzed: 05/30/00

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	59-135
Bromofluorobenzene (FID)	115	60-140

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	145784	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8021B
Field ID:	GAC-1	Batch#:	56179
Matrix:	Water	Sampled:	05/23/00
Units:	ug/L	Received:	05/24/00
Diln Fac:	1.000		

Type: SAMPLE
Lab ID: 145784-001
Analyzed: 05/31/00

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	113	56-142
Bromofluorobenzene (PID)	117	55-149

Type: BLANK
Lab ID: QC116978
Analyzed: 05/30/00

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	115	56-142
Bromofluorobenzene (PID)	118	55-149

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/FID CA LUFT

Lab #:	145784	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8015M
Matrix:	Water	Batch#:	56179
Units:	ug/L	Analyzed:	05/30/00
Diln Fac:	1.000		

Type: BS Lab ID: QC116975

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,111	106	73-121

Surrogate	%REC	Limits
Trifluorotoluene (FID)	131	59-135
Bromofluorobenzene (FID)	120	60-140

Type: BSD Lab ID: QC116976

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,127	106	73-121	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	59-135
Bromofluorobenzene (FID)	121	60-140

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	145784	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC116977	Batch#:	56179
Matrix:	Water	Analyzed:	05/30/00
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	22.41 b	112	51-125
Benzene	20.00	20.71	104	67-117
Toluene	20.00	21.45	107	69-117
Ethylbenzene	20.00	21.14	106	68-124
m,p-Xylenes	40.00	42.77	107	70-125
o-Xylene	20.00	21.20	106	65-129

Surrogate	%REC	Limits
Trifluorotoluene (PID)	116	56-142
Bromofluorobenzene (PID)	121	55-149

b = See narrative

Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	145784	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8021B
Field ID:	ZZZZZZZZZZ	Batch#:	56179
MSS Lab ID:	145775-007	Sampled:	05/23/00
Matrix:	Water	Received:	05/23/00
Units:	ug/L	Analyzed:	06/02/00
Diln Fac:	1.000		

Type: MS Lab ID: QC116979

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	ND	20.00	24.28	121	33-131
Benzene	ND	20.00	19.76	99	65-123
Toluene	ND	20.00	20.58	103	73-122
Ethylbenzene	ND	20.00	19.79	99	59-137
m,p-Xylenes	ND	40.00	41.45	104	68-132
o-Xylene	ND	20.00	20.29	101	61-140

Surrogate	%REC	Limits
Trifluorotoluene (PID)	114	56-142
Bromofluorobenzene (PID)	116	55-149

Type: MSD Lab ID: QC116980

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	20.00	24.25	121	33-131	0	20
Benzene	20.00	20.00	100	65-123	1	20
Toluene	20.00	20.76	104	73-122	1	20
Ethylbenzene	20.00	20.13	101	59-137	2	20
m,p-Xylenes	40.00	41.80	104	68-132	1	20
o-Xylene	20.00	20.60	103	61-140	2	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	114	56-142
Bromofluorobenzene (PID)	117	55-149

ND= Not Detected
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

SOMA Environmental Engineering Inc.
2680 Bishop Dr.
Suite 203
San Ramon, CA 94583

Date: 01-JUN-00
Lab Job Number: 145706
Project ID: 2333
Location: Treatment System

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: Troy Bobay
Project Manager

Reviewed by: Teresa Morris
Operations Manager

CA ELAP # 1459

CHAIN OF CUSTODY FORM

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 145706

Project No: 2733
Project Name: Oakland
Project P.O.: —
Turnaround Time: Standard

Sampler: Patrick Sullivan
Report To: Patrick A. Sullivan
Company: SOMA
Telephone: (925)244-6600
Fax: (925)244-6601

Laboratory Number	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO	Preservative: HNO_3	Preservative: ICE	Field Notes	Analyses: EPA 8020 TPHg, BTEX, MTBE confirm MTBE peaks w/ 8260
For Laboratory Use	GAC1	5/18 1:30pm		X		2	X			X	check fenced system	✓

Notes:

RELINQUISHED BY:
Patrick A. Sullivan 5/18/00 3pm DATE/TIME
DATE/TIME
DATE/TIME

RECEIVED BY:
DATE/TIME 05-18-00 17:58
DATE/TIME
DATE/TIME

Signature

Curtis & Tompkins, Ltd.

Gasoline by GC/FID CA LUFT

Lab #:	145706	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8015M
Field ID:	GAC 1	Batch#:	55979
Matrix:	Water	Sampled:	05/18/00
Units:	ug/L	Received:	05/18/00
Diln Fac:	1.000	Analyzed:	05/19/00

Type: SAMPLE Lab ID: 145706-001

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	115	59-135
Bromofluorobenzene (FID)	115	60-140

Type: BLANK Lab ID: QC116173

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	59-135
Bromofluorobenzene (FID)	94	60-140

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	145706	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8021B
Field ID:	GAC 1	Batch#:	55979
Matrix:	Water	Sampled:	05/18/00
Units:	ug/L	Received:	05/18/00
Diln Fac:	1.000	Analyzed:	05/19/00

Type: SAMPLE Lab ID: 145706-001

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	107	56-142
Bromofluorobenzene (PID)	106	55-149

Type: BLANK Lab ID: QC116173

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Trifluorotoluene (PID)	88	56-142
Bromofluorobenzene (PID)	86	55-149

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/FID CA LUFT

Lab #:	145706	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8015M
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC116170	Batch#:	55979
Matrix:	Water	Analyzed:	05/19/00
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,053	103	73-121

Surrogate	%REC	Limits
Trifluorotoluene (FID)	126	59-135
Bromofluorobenzene (FID)	122	60-140

Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	145706	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	55979
Units:	ug/L	Analyzed:	05/19/00
Diln Fac:	1.000		

Type: BS Lab ID: QC116171

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	15.63	78	51-125
Benzene	20.00	15.07	75	67-117
Toluene	20.00	16.84	84	69-117
Ethylbenzene	20.00	17.61	88	68-124
m,p-Xylenes	40.00	37.51	94	70-125
o-Xylene	20.00	17.50	88	65-129

Surrogate	%REC	Limits
Trifluorotoluene (PID)	91	56-142
Bromofluorobenzene (PID)	88	55-149

Type: BSD Lab ID: QC116172

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	20.00	16.30	81	51-125	4	20
Benzene	20.00	15.21	76	67-117	1	20
Toluene	20.00	17.01	85	69-117	1	20
Ethylbenzene	20.00	17.68	88	68-124	0	20
m,p-Xylenes	40.00	37.53	94	70-125	0	20
o-Xylene	20.00	17.63	88	65-129	1	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	98	56-142
Bromofluorobenzene (PID)	96	55-149

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Gasoline by GC/FID CA LUFT

Lab #:	145706	Location:	Treatment System
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030
Project#:	2333	Analysis:	EPA 8015M
Field ID:	ZZZZZZZZZZ	Batch#:	55979
MSS Lab ID:	145562-001	Sampled:	05/10/00
Matrix:	Water	Received:	05/10/00
Units:	ug/L	Analyzed:	05/20/00
Diln Fac:	1.000		

Type: MS Lab ID: QC116174

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	33.15	2,000	2,293	113	65-131

Surrogate	%REC	Limits
Trifluorotoluene (FID)	129	59-135
Bromofluorobenzene (FID)	135	60-140

Type: MSD Lab ID: QC116175

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,295	113	65-131	0	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	129	59-135
Bromofluorobenzene (FID)	134	60-140

RPD= Relative Percent Difference