

**RECEIVED**

By dehloptoxic at 1:26 pm, Oct 18, 2006



**ENVIRONMENTAL ENGINEERING, INC**

6620 Owens Drive, Suite A • Pleasanton, CA 94588-3334  
TEL (925) 734-6400 • FAX (925) 734-6401

October 17, 2006

Ms. Molly Ong  
East Bay Municipal Utility District  
P.O. Box 24055  
Oakland, California 94623-1055

Re: Wastewater Discharge Permit Renewal (Acct. 504-27421)  
Site Address: 3609 International Blvd., Oakland, California

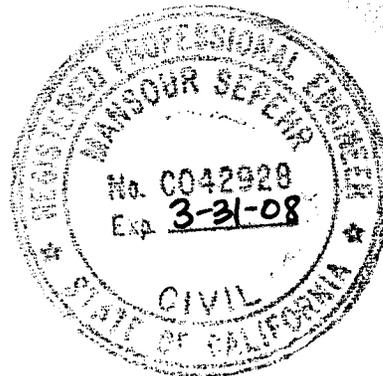
Dear Ms. Ong:

This letter and application package is being submitted by SOMA Environmental Engineering, Inc. (SOMA) to comply with EBMUD's requirements for renewal of SOMA's wastewater discharge permit at the above referenced site. Enclosed is an illustration of the site's layout (Figure 2) and treatment system schematic diagram (Figure 3). SOMA collected groundwater samples from the treatment system effluent. The samples were analyzed for suspended solids, as well as chemical oxygen demand parameters. The results of these analyses are also enclosed.

Thank you for your time with regard to this matter. Meanwhile, please do not hesitate to call Tony Perini, Senior Project Engineer, or myself at (925) 734-6400, if you have any questions or comments.

Sincerely,

Mansour Sefehr, Ph.D., P.E.  
Principal Hydrogeologist



Enclosures



An application consists of the following forms and documents in this file. Each of the forms listed below must be completed when applying for a wastewater discharge permit for groundwater. The instructions follow each form where applicable.

- Applicant Information – name of applicant, facility address, mailing address, contact information.
- Process Description – description of wastewater generating processes, pretreatment facilities and type of waste generated.
- Schematic Flow Diagram – flow diagram of major processes and pretreatment facilities listed in Process Description.
- Building Layout – site layout showing building outline, property lines, water lines, sewer lines, sample point, etc.
- Strength Summary – wastewater flow rate, discharge frequency, and wastewater strength determination.
- Water Source and Use - incoming and outgoing water/wastewater flow calculations.

Please send the application to:

EBMUD  
Environmental Services Division  
P. O. Box 24055, MS#702  
Oakland, CA 94623-1055

Questions? Please call the Environmental Services Division information line at (510) 287-1651.



WASTEWATER DISCHARGE PERMIT  
Terms and Conditions  
APPLICANT INFORMATION

APPLICANT BUSINESS NAME <u>TONY'S EXPRESS AUTO SERVICE</u>		PERMIT NUMBER <u>50427421</u>	
ADDRESS OF SITE DISCHARGING WASTEWATER			
<u>3609 International Blvd</u> STREET ADDRESS	<u>Oakland</u> CITY	<u>94601</u> ZIP CODE	
PERSON TO BE CONTACTED REGARDING THIS APPLICATION			
<u>Mansour Sepehr</u> NAME	<u>msepehr@somaenv.com</u> ELECTRONIC MAIL ADDRESS	<u>925-734-6400</u> TELEPHONE NUMBER	<u>925-734-6401</u> FACSIMILE NUMBER
PERSON(S) TO RECEIVE PERMIT AND CORRESPONDENCE IF DIFFERENT THAN PERSON SIGNING APPLICATION			
<u>Abolshassem Razi</u> NAME	<u>3609 International Blvd, Oakland, CA 94601</u> MAILING ADDRESS		
NAME	MAILING ADDRESS		
PERSON TO BE CONTACTED IN THE EVENT OF AN EMERGENCY			
<u>Mansour Sepehr</u> NAME	<u>925-734-6400</u> DAYTIME TELEPHONE NUMBER	<u>925-838-3939</u> NIGHTTIME TELEPHONE NUMBER	
AUTHORIZATION			
<u>Mansour Sepehr</u> is authorized to sign reports, documents, and other correspondence required by this Permit.			
NAME & TITLE <u>owner and principal Hydrogeologist</u>			
CERTIFICATION			
<p>I understand that I am legally responsible for discharge of wastewater from the facility and for complying with the Terms and Conditions of this Wastewater Discharge Permit.</p> <p>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 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.</p>			
<u>Mansour Sepehr</u> NAME	<u>President / Principal</u> TITLE		
 SIGNATURE (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR DULY AUTHORIZED REPRESENTATIVE. SEE CERTIFICATION REQUIREMENTS ON REVERSE)	<u>10-17-06</u> DATE		
<u>6620 Owens Drive, Suite A</u> MAILING ADDRESS <u>Pleasanton, CA 94588</u>	<u>925-734-6400</u> PHONE NUMBER		

## INSTRUCTIONS FOR COMPLETING APPLICANT INFORMATION

### Please Type or Print the Requested Information

**Applicant's Business Name** – Enter the name of the business that has legal responsibility for wastewater discharge, including responsibility for any enforcement actions or penalties imposed by the District.

**Permit Number** – The permit number will be provided by EBMUD.

**Address of Site Discharging Wastewater** – Enter the street address of the premises discharging the wastewater.

**Application Contact** – Enter the name, electronic mail address, telephone number, and facsimile number of the person to be contacted regarding the information reported in this application.

**Permit and Correspondence Contact(s)** - Enter the name and mailing address of the person(s) who should receive a copy of this permit and respective correspondence.

**Emergency Contact** - Enter the name, daytime and nighttime telephone numbers of the person to be contacted in case of an emergency regarding discharges/spills to the sanitary sewer system.

**Authorization** – Enter the name and title of the person authorized to sign all correspondence pertaining to this permit.

**Certification** – Enter the name and title of the person signing the application, and their mailing address and phone number. The person signing the application must meet the signatory criteria of 40 CFR 403.12 (l). Persons meeting these criteria include:

- 1) A responsible corporate officer, such as:
  - a. a president, vice-president, secretary, treasurer, or other person performing similar policy or decision making functions or;
  - b. a manager of one or more manufacturing, production, or operating facilities. The facility must employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars). The person must have authority to sign documents.
- 2) A general partner or sole proprietor.
- 3) A duly authorized representative. The duly authorized representative must be:
  - a. an individual having responsibility for the overall operation of the facility from which the wastewater discharge originates. Examples include plant manager, field superintendent, or environmental manager;
  - b. authorized in writing by a person described in paragraph 1) or 2). The written authorization must be submitted to the District.

### Return the Signed Original Application to:

East Bay Municipal Utility District  
Environmental Services Division, MS 702  
P.O. Box 24055  
Oakland, CA 94623-1055



# WASTEWATER DISCHARGE PERMIT

## Terms and Conditions

APPLICANT BUSINESS NAME TONY'S EXPRESS Auto Service PROCESS DESCRIPTION

The information on this form provides a description of wastewater generating processes, characteristics of the wastewater, and waste management activities. Instructions are on the back of this form.

Permit Number  
**504-27421**

BUSINESS ACTIVITY <i>Gasoline service station</i>	Standard Industrial Classification <b>5541</b>	Business Classification Code <b>4950</b>
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**PROCESSES**

Process Description	Wastewater Characteristics	Schematic Process Number
<i>UST re-fueling</i>	<i>gasoline/benzene/MTBE</i>	<b>1</b>
<i>Transfer of fuel from UST to pump</i>	<i>gasoline/benzene/MTBE</i>	<b>2</b>
<i>Auto fueling at pump islands</i>	<i>gasoline/benzene/MTBE</i>	<b>3</b>

**POLLUTION PREVENTION TECHNIQUES / BEST MANAGEMENT PRACTICES (BMPs)**

*For UST re-fueling with tanker trucks: spill pans are set at each UST, monitoring locations are also set for possible overflow conditions. For transfer from USTs to pump islands: product lines are maintained and monitored for leaks, product lines are also primarily and secondarily contained. For auto fueling: safety shut-off valves are maintained at pump dispensers.*

**PRETREATMENT**

Pretreatment System	Design Capacity	Loading Rate	Size	Side Sewer Number
<input type="checkbox"/> filtration				
<input type="checkbox"/> grease trap/oil and water separator				
<input checked="" type="checkbox"/> granular activated carbon	<i>8 gpm-continuous</i>	<i>0.15 lbs/DAY TPH<sub>g</sub></i>	<i>2-200 lb 1-2000 lb carbon vessels</i>	<b>1</b>
<input type="checkbox"/> sedimentation				
<input type="checkbox"/> pH adjustment				
<input type="checkbox"/> chlorination				
<input type="checkbox"/> chemical precipitation				
<input type="checkbox"/> other (describe)				
<input type="checkbox"/> none				

**PROCESS GENERATED WASTE**

Waste / Disposal Method	Annual Waste Generation	
	Quantity	Unit
<i>spent carbon non-hazardous waste disposal by Baker Tanks</i>	<b>9000</b>	<b>lbs</b>

## INSTRUCTIONS FOR COMPLETING THE PROCESS DESCRIPTION

(Attach an additional page if more space is required)

**Applicant Business Name:** Enter the complete business name, including site-specific identification.

**Permit Number:** The District will provide a permit number for new applicants. Current permit holders, enter existing permit number.

**Business Activity:** Describe the major activities conducted on the premises.

**Standard Industrial Classification:** Include the Standard Industrial Classification (SIC) code for the facility (reference the most recent edition of the federal Standard Industrial Classification Manual).

**Business Classification Code:** The District will provide new applicants with a Business Classification Code (BCC) number (District code system adapted from the federal SIC system). Current permit holders, use existing BCC number.

### Processes

#### Process Description

- Describe each water using and wastewater generating process.

#### Wastewater Characteristics

- List the characteristics of the wastewater that may be discharged from each process to the sanitary sewer.

#### Schematic Process Number

- List the process number that corresponds to the number on the schematic flow diagram.

#### Example for Printed Circuit Board Manufacturing

Process Description	Wastewater Characteristics/Pollutants	Schematic Process Number
Surface preparation	Acidic, alkaline, metal oxides	1
Electroless plating rinse	Acidic, alkaline, copper, formaldehyde	2
Pattern printing and mask cleaning	Complex organic solutions	3
Electroplating clean and rinse	Acidic, alkaline, copper, tin, nickel, cyanide	4
Final clean and rinse	Acidic, copper, ammonia	5
Labeling washdown	Copper, chromium, zinc, solvents	6

#### **Pollution Prevention Techniques / Best Management Practices (BMPs)**

- Describe all pollution prevention techniques and BMPs in use.

#### **Pretreatment**

- Check applicable boxes for wastewater pretreatment.
- For each type of treatment, provide the capacity of the system, the rate of treatment, the size of the system, and the side sewer through which the treated wastewater flows.

#### **Process Generated Waste**

##### Waste / Disposal Method

- List all process generated waste not discharged to the sanitary sewer. Examples: spent solvents, process solutions, waste containing heavy metals, and recycled waste. List disposal method (e.g. manifested hazardous waste disposal).

##### Annual Waste Generation

- Enter the quantity, including units, offhauled and/or recycled.

## INSTRUCTIONS FOR COMPLETING SCHEMATIC FLOW DIAGRAM

Submit an 8-1/2" by 11" schematic flow diagram. A larger size drawing may be substituted. The schematic flow diagram is part of the wastewater discharge permit. District inspections may be conducted to verify accuracy of the schematic flow diagram.

### Facility Name

- Include the facility name.

### Permit Number

- Include the permit number. The District provides a permit number to new applicants. Current permit holders, enter existing permit number.

### Processes

- Identify all product or production related processes. Show the *product* flow from process to process.
- Identify all wastewater generating processes. Show the *wastewater* flow from each process. Include the process numbers, which correlate with those shown on the *Process Description* form.
- Show the % of total daily wastewater flow for each wastewater generating process.

### Pretreatment System

- Show the flow of wastewater through each step of the pretreatment system. Number and briefly describe each step.

### Discharge Meters

- Show each discharge meter in relation to the wastewater flow.

### Side Sewers

- Show each process sampling point and side sewer in relation to the wastewater flow.
- Show the wastewater flow in gallons per day through each process sampling point or side sewer.

### Other

- Identify any sludge offhaul or recycling.

### Legend

- Include a legend for product and wastewater flow.

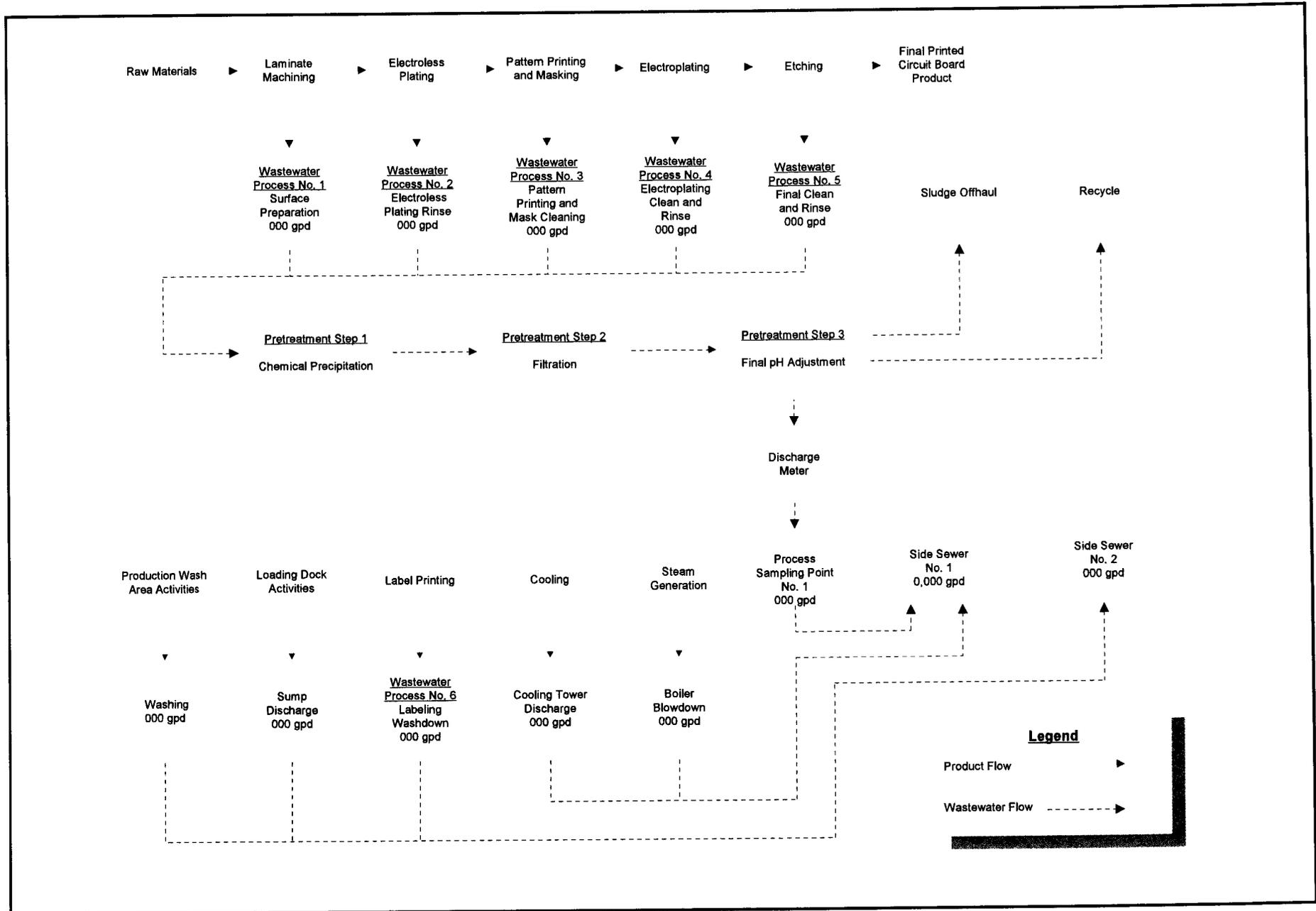
### Date

- Include the diagram date.



**EXAMPLE**  
APPLICANT BUSINESS NAME *Printed Circuit Board Company*  
Permit No. 1234567 8

**WASTEWATER DISCHARGE PERMIT  
Terms and Conditions  
SCHEMATIC FLOW DIAGRAM**



## INSTRUCTIONS FOR COMPLETING FACILITY LAYOUT

Submit an 8-1/2" by 11" facility layout. A larger size drawing or a blueprint may be substituted. The facility layout is part of the wastewater discharge permit. District inspections may be conducted to verify accuracy of the facility layout.

### Facility Information

- Add facility name, permit number, and date of drawing.

### Facility Outline

- Show facility property lines.
- Show building outline.
- Show streets adjoining the facility.

### North Arrow

- Show the North Arrow.

### Legend

- Describe the symbols/lines used in the drawing.

### Processes

- Identify all wastewater generating processes. Include the process numbers, which correlate with those shown on the *Process Description* form.
- Show the location of all floor drains in these areas.

### Pretreatment System

- Show the location of all pretreatment systems described on the *Process Description* form. Designate each system with a letter.

### Liquid Storage

- Show the location of all major liquid product and chemical storage areas.
- Show the location of all floor drains in these areas.

### Water Meters

- Show the location of all meters and their serial numbers. Differentiate between EBMUD and private meters.
- Label private meters according to use. For example, well, cooling tower, boiler, and production.

### Facility Water Lines

- Show the location of all water lines from each source meter to where they enter the building.

### Facility Sewer Lines

- Show the location of all sanitary sewer lines from each wastewater generating process to where they join the side sewer.
- Show the location of all sanitary sewer lines from restrooms and wash areas to where they join the side sewer.
- Storm sewer lines are not required to be shown.

### Side Sewers

- Identify all side sewers. The side sewer numbers must correlate with those shown on the *Water Balance/Strength Summary*.

### Sampling Locations

- Identify all District approved side sewer sampling locations, using the label "Sampling Location."
- Identify all District approved processing sampling points, using the label "Process Sampling Point."

### Other

- Show the following required items:

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**EXAMPLE**

APPLICANT BUSINESS NAME: *Printed Circuit Board Company*  
Permit No. 1234567 8

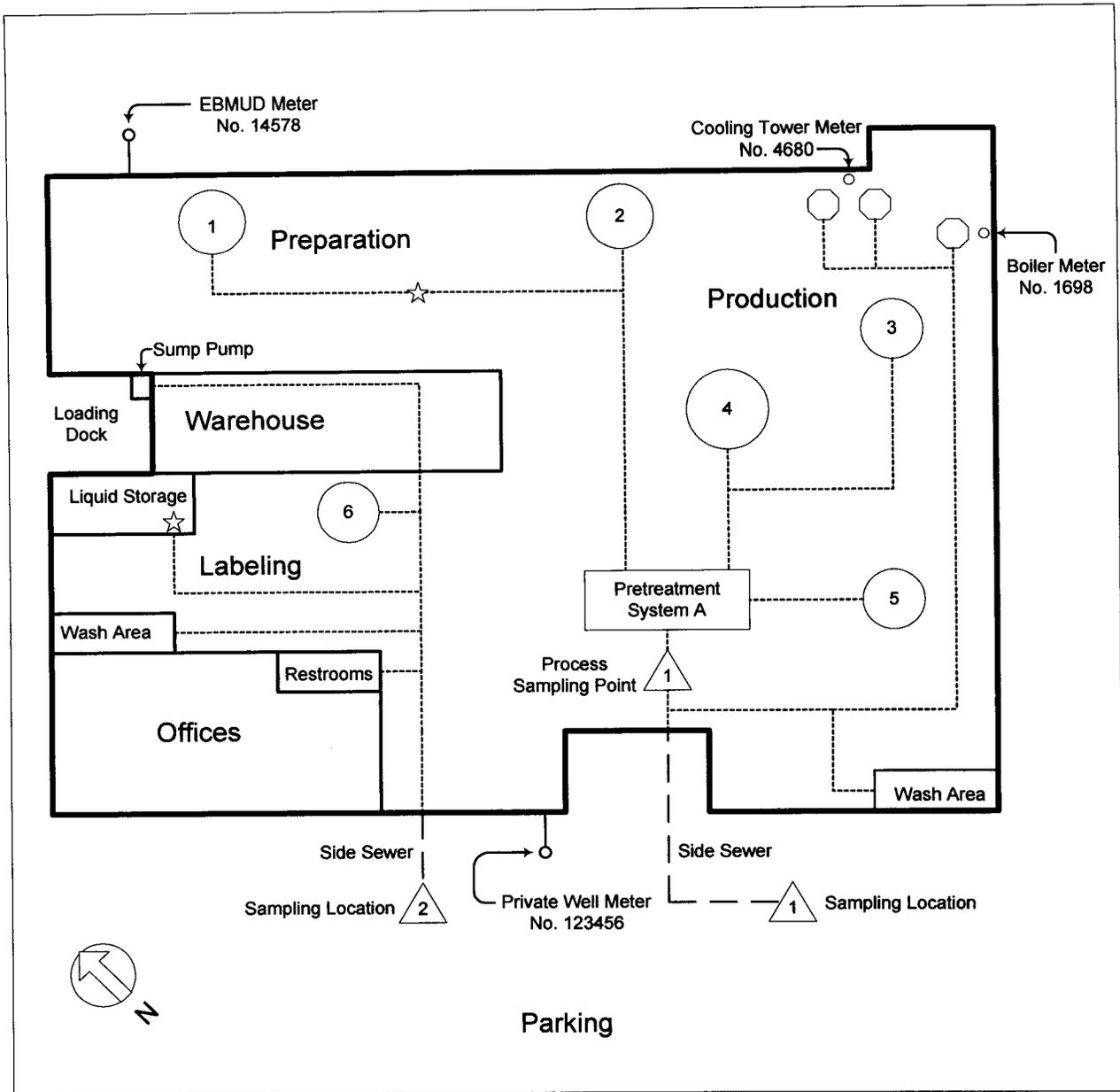
January 1, 2003

**WASTEWATER DISCHARGE PERMIT  
Terms and Conditions  
FACILITY LAYOUT**

Beech Street

Willow Street

Chestnut Street



Maple Street

**Legend**

- Water Line
- Wastewater Line
- Side Sewer
- Process
- Boiler  
Cooling Towers
- Pretreatment  
System
- Sampling Location
- Floor Drain



**WASTEWATER DISCHARGE PERMIT**  
**WATER BALANCE/STRENGTH SUMMARY**

APPLICANT BUSINESS NAME Tony's EXPRESS AUTO SERVICE Terms and Conditions

The information on this form describes the volume, source, and strength of wastewater discharged to the community sewer. Instructions are on the back of this form. Permit Number 50427421

**WATER USE AND WASTEWATER DISCHARGE BALANCE**

Units expressed in:  gallons per calendar day or  gallons per working day (Number of working days per year 365)

Water Use	Source			Wastewater Discharge to each Side Sewer					Water Diverted	Code <sup>2</sup>
	EBMUD	Other	Code <sup>1</sup>	No.	No.	No.	No.	No.		
Sanitary										
Processes	<u>1900</u>			<u>1</u>					<u>N/A</u>	
Product										
Boiler										
Cooling										
Washing										
Irrigation										
Sub-total	<u>1900</u>									
Total	All Sources <u>1900</u>			All Side Sewers <u>1900</u>			All Side Sewers + Water Diverted			
Maximum Daily Discharge (gallons)				<u>2000</u>						

**METERED WATER**

Water Meter Number	Code <sup>3</sup>	Percent Discharge to each Side Sewer					Total % Discharge
<u>N/A</u>							

<sup>1</sup>Other / Code: Compute the average gallon per day water use from non-EBMUD sources and enter the value in the Other "Sub-total" box. Do not include sources that discharge only to the stormdrain. Allocate the subtotal value to each type of water use. Enter the code(s) that identifies the source water:  
*A= Well Water / Groundwater    B= Stormwater    C= Reclaimed Water    D= Other (describe)*

<sup>2</sup>Water Diverted/Code: Enter the diverted volume for each type of water use. Enter the code(s) that identifies the diversion:  
*A= Product    B= Evaporation    C= Irrigation    D= Creek/Bay    E= Rail, Truck, Vessel    F= Other (describe)*

<sup>3</sup>Metered Water Code(s): E= EBMUD Meter    P= Private Meter



**WASTEWATER DISCHARGE PERMIT**  
**Terms and Conditions**

APPLICANT BUSINESS NAME TONY'S EXPRESS AUTO SERVICE  
**WATER BALANCE/STRENGTH SUMMARY**

WASTEWATER STRENGTH ESTIMATES		Wastewater Discharge to each Side Sewer				
		No.	No.	No.	No.	No.
Total Suspended Solids mg/L (TSS)	Average <i>&lt; 5</i>	<i>1</i>				
	Maximum					
Filtered Chemical Oxygen Demand mg/L (CODF)	Average <i>14</i>	<i>1</i>				
	Maximum					

DISCHARGE FREQUENCY					
Days of Week	<i>7</i>				
Time of Day (Start & Stop Time)	<i>n/a</i>				
Volume, if Batch Discharge					

SIDE SEWER LOCATION	
No.	<i>1</i>
No.	
No.	
No.	
No.	

**STORMWATER AREA**  
 Total square-foot area exposed to stormwater that drains to the sanitary sewer: \_\_\_\_\_ sq. ft.

## INSTRUCTIONS FOR COMPLETING WATER BALANCE/STRENGTH SUMMARY- PAGE 1 OF 2

(Attach an additional page if more space is required.)

**Applicant Business Name:** Enter the complete business name, including site-specific identification.

**Permit Number:** The District provides a permit number to new applicants. Current permit holders, enter existing permit number.

**Water Use And Wastewater Discharge Balance:** This section shows the facility's water use, wastewater discharge, and water diverted from the community sewer. The Water Use must balance with the Total Wastewater Discharge to all Side Sewers and Water Diverted (All Sources = All Side Sewers + Water Diverted). *The calculations used to arrive at the values submitted in the Water Balance Strength Summary must be included with the application.*

**Units**

- Check one of the boxes. The selected units must be used to express consumption and discharge rates. If using gallons per working day, provide the number of working days per year.

**Source**

- Compute the average gallon per day EBMUD water use and enter the value in the EBMUD "Subtotal" box. The "EBMUD Bill History File Inquiry", provided by the District, may be used to calculate the average daily use if projected water use is expected to be similar to the prior year. If not, estimate water use using best available data.

Example

	ACCT	1234567	EBMUD BILL HISTORY FILE INQUIRY					
CONS - Consumption in Hundred Cubic Feet (Ccf)	PER END	DAYS	CONS	GPD	WATER	SEWAGE	AGENCY	TOTAL CHGES
	05/23/01	58	500	6448	XXXX	XXXX	XXXX	XXXX
	03/26/01	62	300	3619	XXXX	XXXX	XXXX	XXXX
	01/23/01	63	100	1187	XXXX	XXXX	XXXX	XXXX
	11/21/00	60	400	4987	XXXX	XXXX	XXXX	XXXX
	09/22/00	59	800		XXXX	XXXX	XXXX	XXXX
	07/25/00	63	1000		XXXX	XXXX	XXXX	XXXX
		365	3100					

$$\frac{3100 \text{ Ccf} \times 7.48 \text{ gal}}{365 \text{ days} \times 1 \text{ Ccf day}} = 6353 \text{ gal}$$

- Allocate the subtotal value to each type of water use. Sanitary water use may be determined using the following data from the Uniform Plumbing Code, 1997:

*Field Service Employees: 5 gallons per employee per day    Production Employees: 25 gallons per employee per day*  
*Office Employees: 20 gallons per employee per day    Production Employees with showers: 35 gallons per employee per day*

Stormwater Discharge Calculation Example (Assume 18 inches of average annual rainfall.)

Sq ft area exposed to rainfall x 1.5 ft average annual rainfall x 7.48 gal/cubic foot = \_\_\_ gal ÷ 365 days = \_\_\_ gal/day

Note: Some water use may be hard to quantify. In this case, try subtracting the known rates from the "All Sources" total. The difference may be used to estimate the hard to quantify value.

**Wastewater Discharge to each Side Sewer**

- Enter the side sewer number at the top of each column. The number must correlate with the side sewer number shown on the Facility Layout.
- Enter the wastewater discharge rate for each type of water use. Enter the subtotal for each side sewer.
- Enter the water diverted and the subtotal.
- Enter maximum daily discharge rate for each side sewer.

**Metered Water**

- Enter meter number(s) for source water.
- Enter the percent of metered water that is discharged to each side sewer.
- For every meter, add the percent discharge for each side sewer and enter the total.

**INSTRUCTIONS FOR COMPLETING WATER BALANCE/STRENGTH SUMMARY – PAGE 2 OF 2**  
**(ATTACH AN ADDITIONAL PAGE IF MORE SPACE IS REQUIRED.)**

**Wastewater Strength Estimates**

- Enter the annual average and maximum TSS and CODF concentrations for each side sewer. The average strength should approximate strength for the year.

**Discharge Frequency**

- Enter the days of the week that discharge is expected for each side sewer. Enter the estimated start and stop time of discharge for each side sewer. For batch discharge, enter the volume of the batch discharges to each side sewer.

**Side Sewer Location**

- Describe the precise location of each side sewer listed above.

**Stormwater Area**

- Enter the total square-foot area exposed to stormwater that drains to the sanitary sewer.

# FIGURES

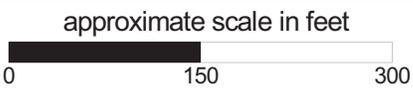
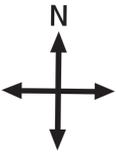
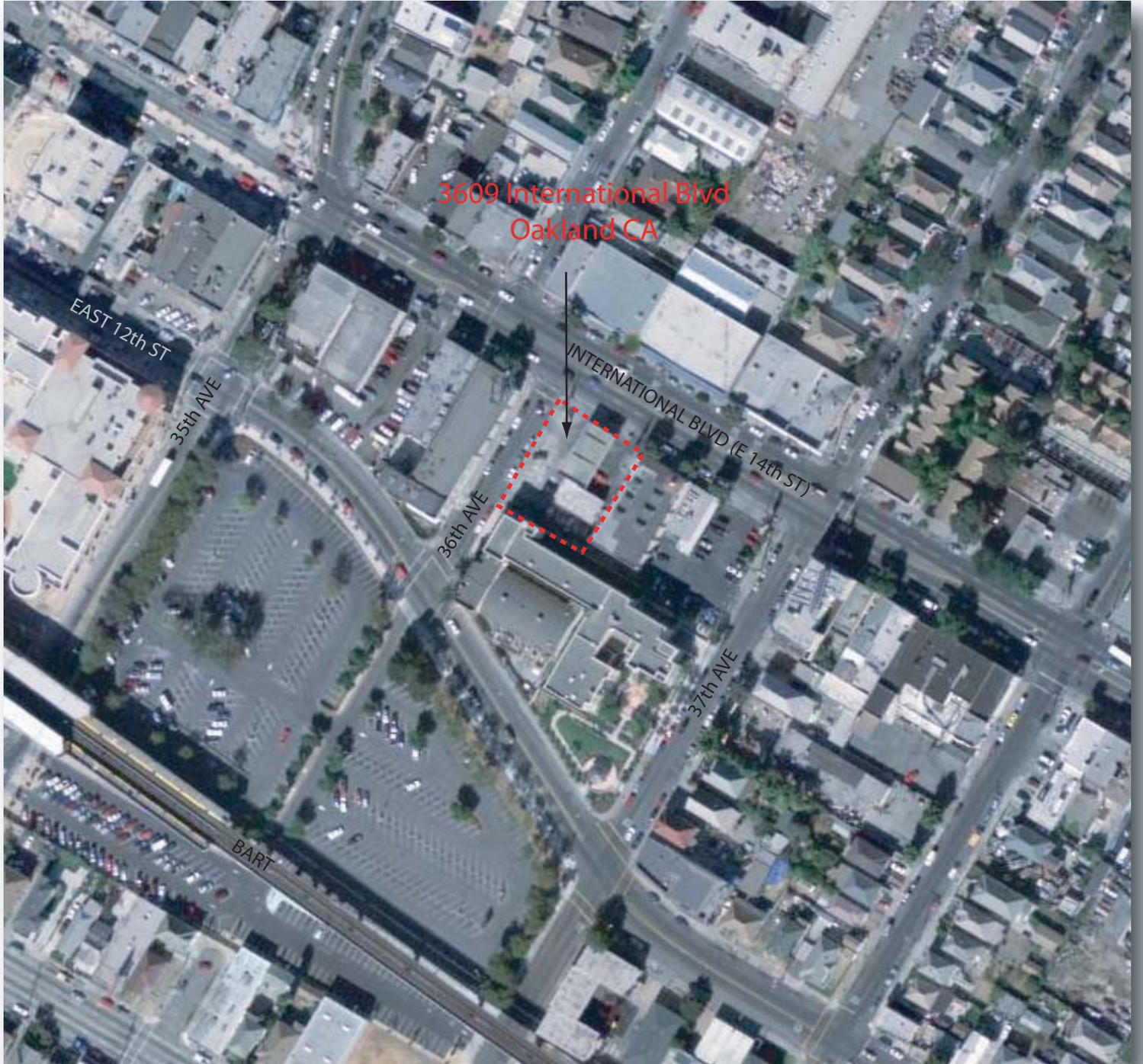
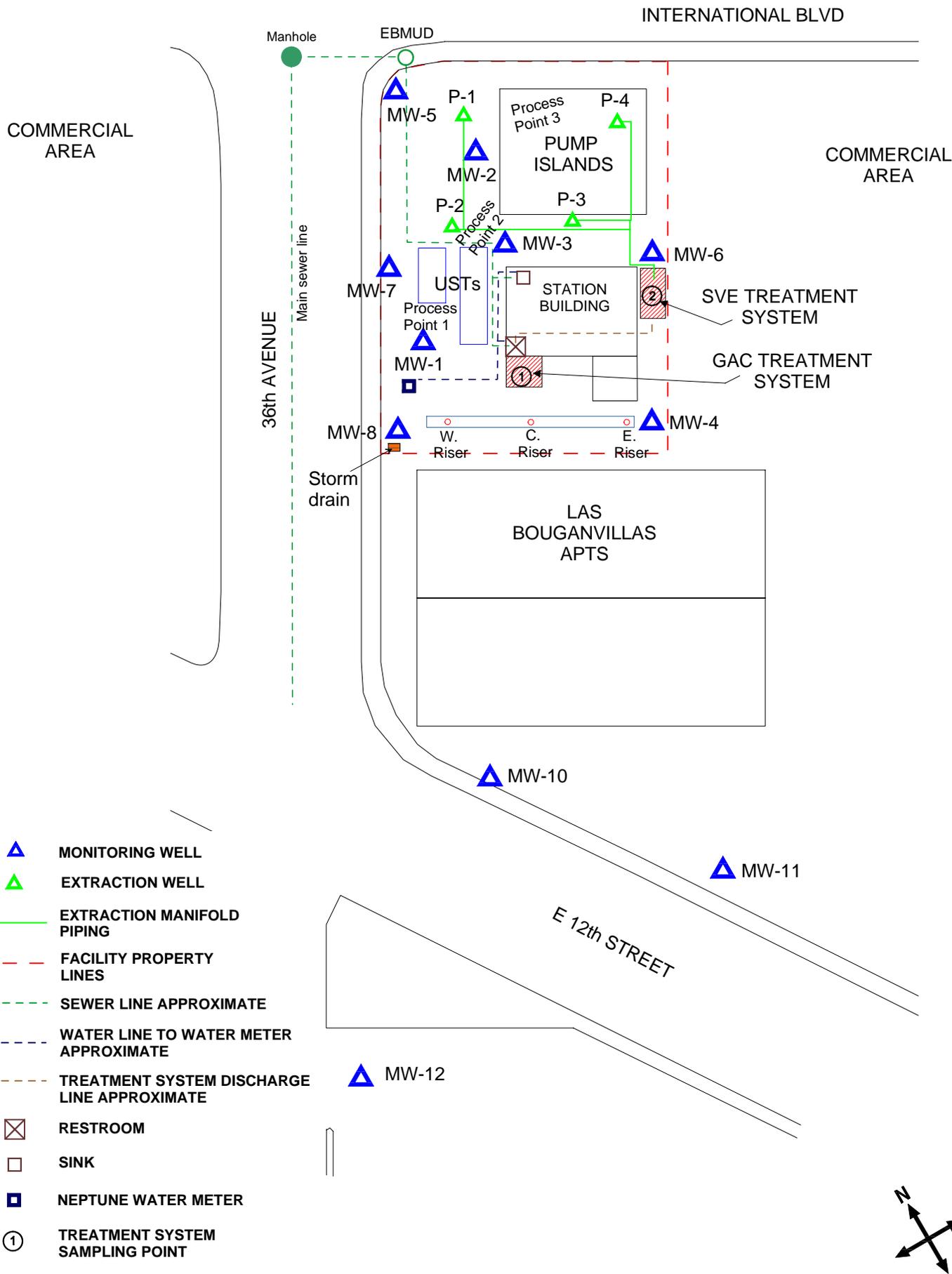


Figure 1: Site vicinity map.



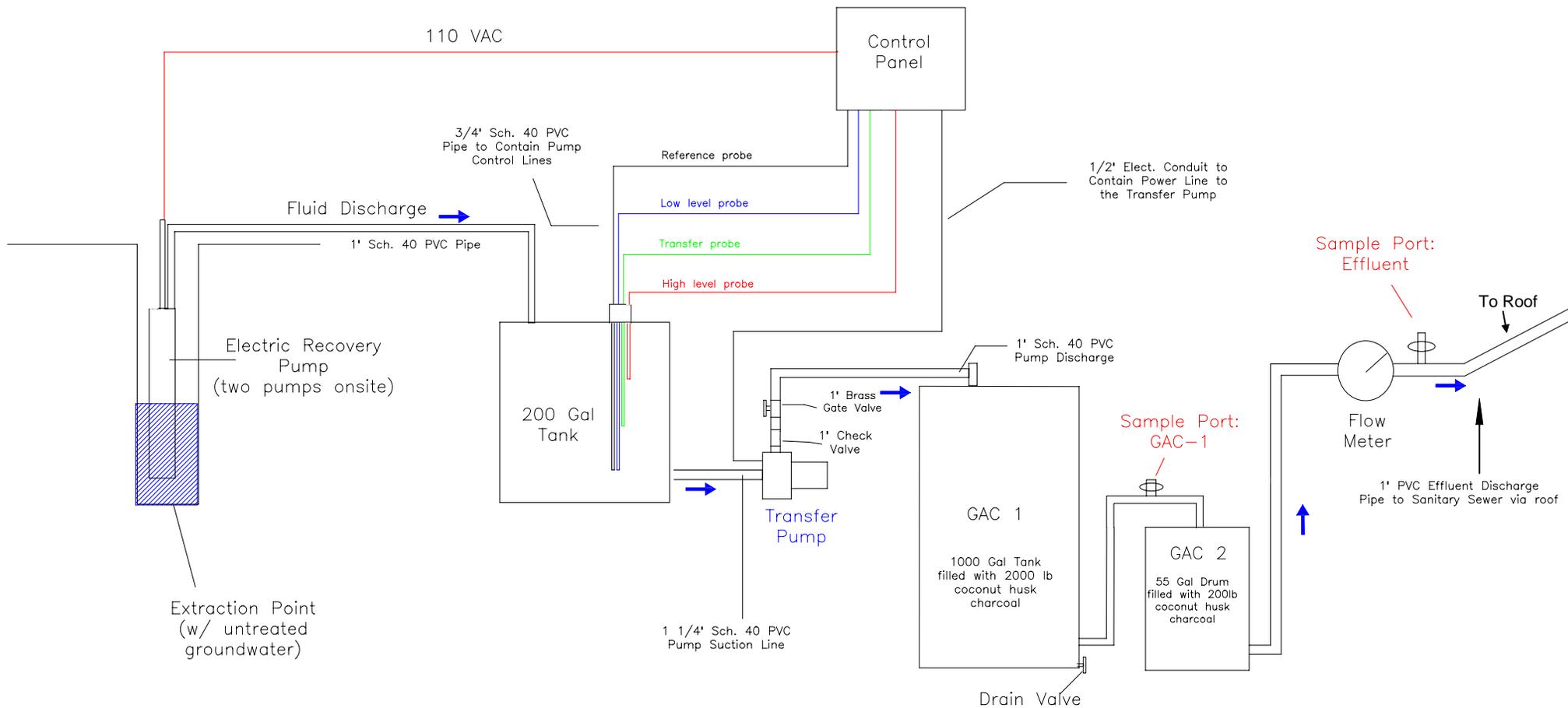
(Discharge permit No: 504-27421)  
 Tony's Express Auto Service

approximate scale in feet



Figure 2: Site map showing location of groundwater monitoring wells, French drain, SVE system, and GAC system.





(Discharge permit No: 504-27421)  
 Tony's Express Auto Service. November 14, 2006 permit expires

Figure 3: Schematic of the Groundwater Remediation System.  
 3609 International Blvd., Oakland, CA



**Chain of Custody Form and Laboratory Report  
for the  
Treatment System**



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L   R E P O R T

Prepared for:

SOMA Environmental Engineering Inc.  
6620 Owens Dr.  
Suite A  
Pleasanton, CA 94588

Date: 13-OCT-06

Lab Job Number: 189694

Project ID: 2333

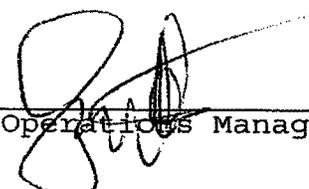
Location: 3609 International Blvd

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

This package may be reproduced only in its entirety.

CASE NARRATIVE

Laboratory number: 189694  
Client: SOMA Environmental Engineering Inc.  
Project: 2333  
Location: 3609 International Blvd  
Request Date: 09/27/06  
Samples Received: 09/27/06

This hardcopy data package contains sample and QC results for three water samples, requested for the above referenced project on 09/27/06. The samples were received intact at ambient temperature.

Volatile Organics by GC/MS (EPA 8260B):  
No analytical problems were encountered.

Total Suspended Solids (TSS) (EPA 160.2):  
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):  
No analytical problems were encountered.

# CHAIN OF CUSTODY

## Curtis & Tompkins, Ltd.

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

## Analyses

C&T LOGIN # 189694

Sampler: Brian Tims

Project No: 2333

Report To: Tony Perini

Project Name: 3609 International Blvd., Oakland

Company: SOMA Environmental

Turnaround Time: Standard

Telephone: 925-244-6600

Fax: 925-244-6601

Lab No.	Sample ID.	Sampling Date Time	Matrix			# of Containers	Preservative			
			Soil	Water	Waste		HCL	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	ICE
-1	Influent	9/27/06 1:55 PM				3-VOAs				
-2	GAC-1	9/27/06 1:40 PM				3-VOAs				
	PSP#1	9/27/06 1:30 PM				3-VOAs				
	<del>PSP#1</del>					<del>4L Amber</del>				
	PSP #1	9/27/06 1:30 PM				250 mL				
	PSP #1	9/27/06 1:30 PM				250 mL				

TPH-g, BTEX, MIBE 8260B	TSS, CODF																		
*																			
*																			
*																			
	*																		
	X																		
	X																		

3

Notes: **EDF OUTPUT REQUIRED**  
 Grab Sample  
 Totalizer Reading:

EDF Output  Verified

RELINQUISHED BY:

[Signature] 9/27/06 15:25  
 DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY:

[Signature] 9/27/06 15:25  
 DATE/TIME

DATE/TIME

DATE/TIME

Gasoline by GC/MS			
Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2333	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	09/27/06
Units:	ug/L	Received:	09/27/06
Batch#:	118188		

Field ID: INFLUENT Diln Fac: 7.143  
 Type: SAMPLE Analyzed: 10/07/06  
 Lab ID: 189694-001

Analyte	Result	RL
Gasoline C7-C12	990	360
MTBE	170	3.6
Benzene	240	3.6
Toluene	9.4	3.6
Ethylbenzene	37	3.6
m,p-Xylenes	95	3.6
o-Xylene	55	3.6

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	88	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	106	80-122

Field ID: GAC-1 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 10/06/06  
 Lab ID: 189694-002

Analyte	Result	RL
Gasoline C7-C12	ND	50
MTBE	ND	0.50
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
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	91	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-122

Date : 07-OCT-2006 00:06

Client ID: DYNA P&T

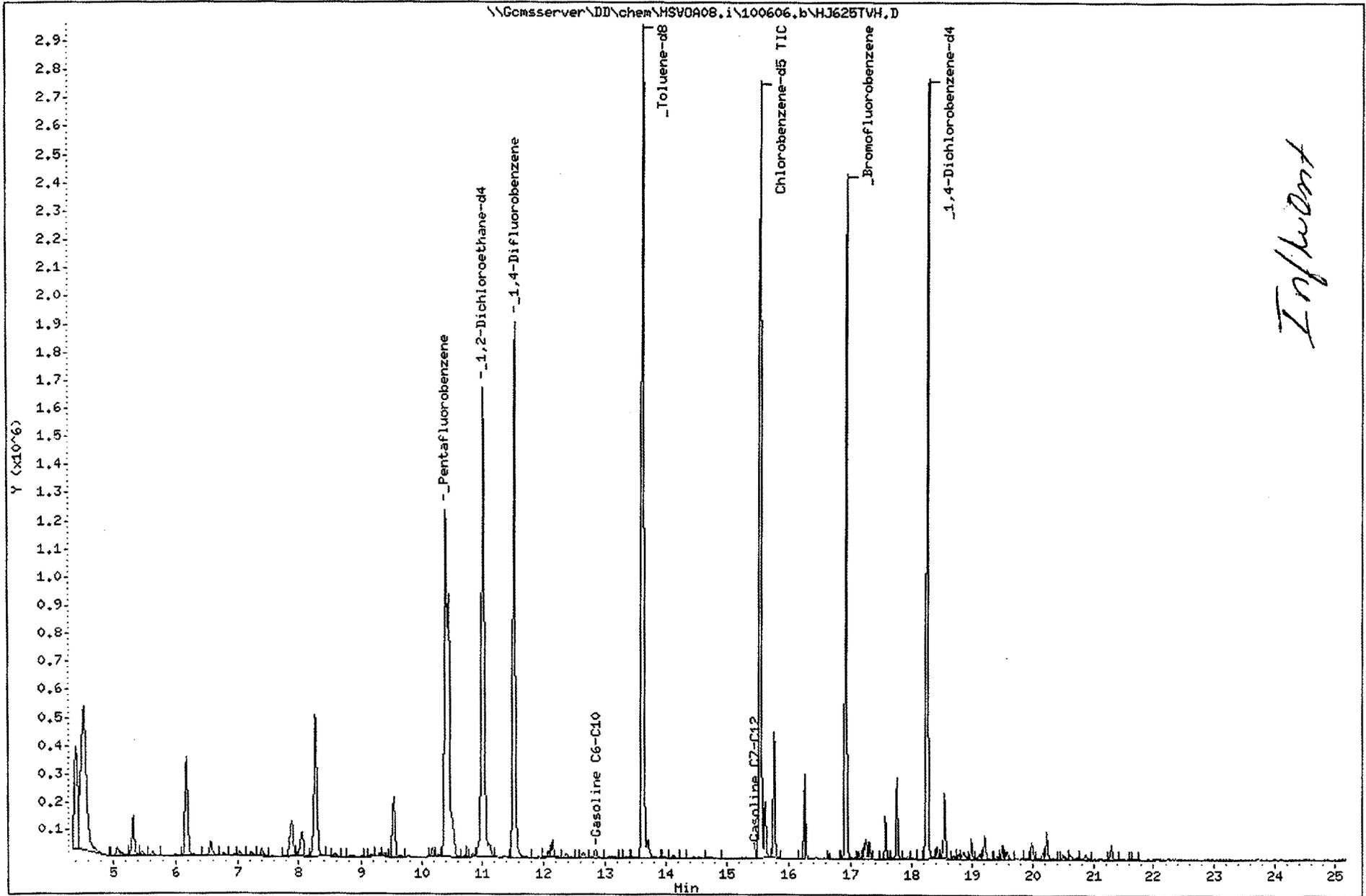
Sample Info: S,189694-001

Instrument: MSV0A08.i

Operator: BD

Column diameter: 2.00

Column phase:



Date : 06-OCT-2006 14:07

Client ID:

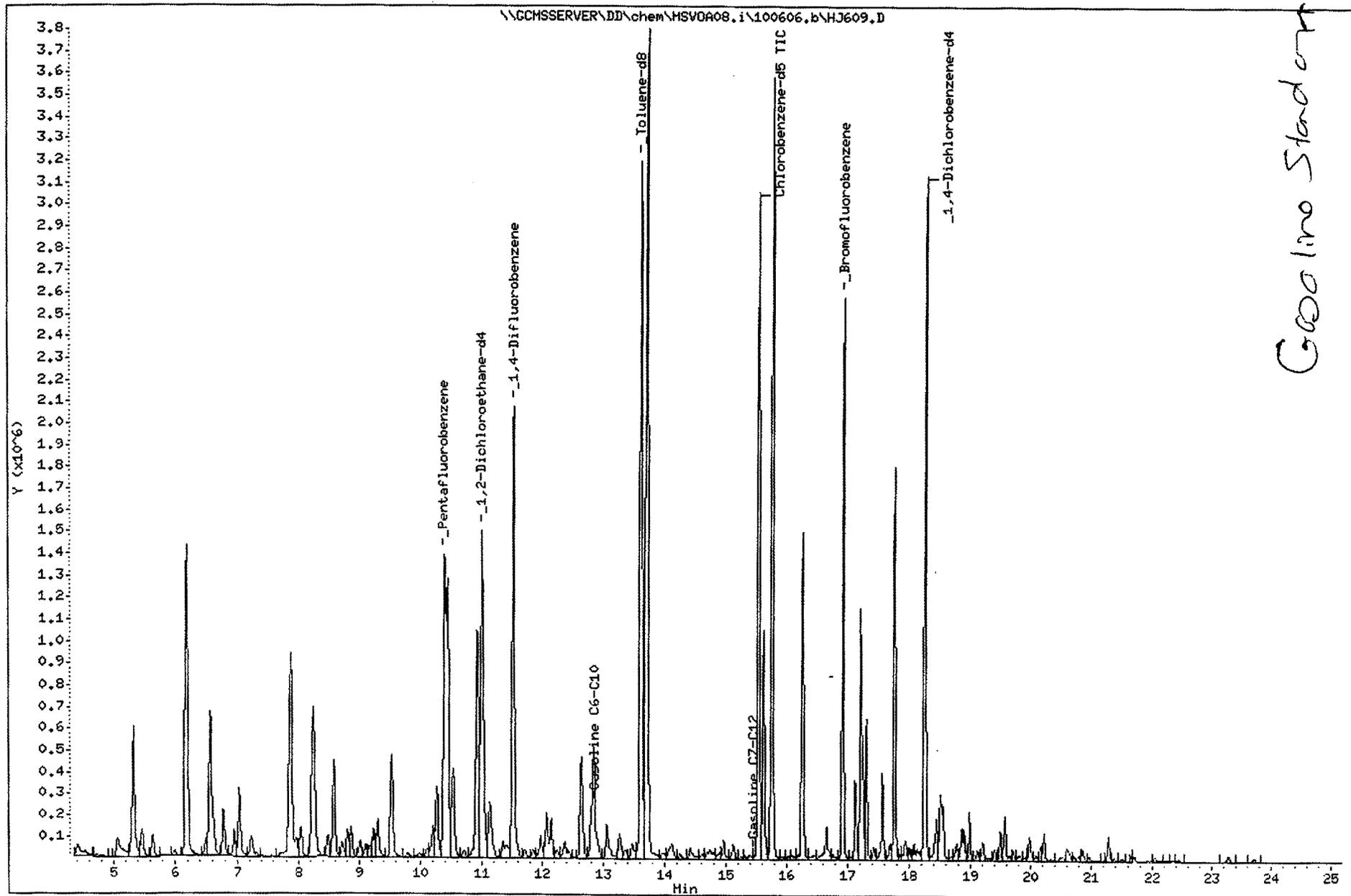
Sample Info: CCV,S4120,0,015/100

Instrument: MSV0A08.i

Operator: BO

Column diameter: 2.00

Column phase:



Gasoline Standard

Gasoline by GC/MS			
Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2333	Analysis:	EPA 8260B
Matrix:	Water	Sampled:	09/27/06
Units:	ug/L	Received:	09/27/06
Batch#:	118188		

Field ID: PSP#1 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 10/06/06  
 Lab ID: 189694-003

Analyte	Result	RL
Gasoline C7-C12	ND	50
MTBE	ND	0.50
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
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	91	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	108	80-122

Type: BLANK Diln Fac: 1.000  
 Lab ID: QC359254 Analyzed: 10/06/06

Analyte	Result	RL
Gasoline C7-C12	ND	50
MTBE	ND	0.50
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
Dibromofluoromethane	91	80-120
1,2-Dichloroethane-d4	84	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	103	80-122

## Batch QC Report

## Gasoline by GC/MS

Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2333	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	118188
Units:	ug/L	Analyzed:	10/06/06
Diln Fac:	1.000		

Type: BS Lab ID: QC359252

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	21.13	85	72-120
Benzene	25.00	24.63	99	80-120
Toluene	25.00	24.30	97	80-120
Ethylbenzene	25.00	26.42	106	80-120
m,p-Xylenes	50.00	53.42	107	80-121
o-Xylene	25.00	27.38	110	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-120
1,2-Dichloroethane-d4	81	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC359253

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	20.79	83	72-120	2	20
Benzene	25.00	24.62	98	80-120	0	20
Toluene	25.00	24.13	97	80-120	1	20
Ethylbenzene	25.00	25.84	103	80-120	2	20
m,p-Xylenes	50.00	53.27	107	80-121	0	20
o-Xylene	25.00	27.98	112	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-120
1,2-Dichloroethane-d4	81	80-130
Toluene-d8	95	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

## Batch QC Report

Gasoline by GC/MS			
Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2333	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	118188
Units:	ug/L	Analyzed:	10/06/06
Diln Fac:	1.000		

Type: BS Lab ID: QC359255

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,500	1,651	110	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-120
1,2-Dichloroethane-d4	84	80-130
Toluene-d8	94	80-120
Bromofluorobenzene	102	80-122

Type: BSD Lab ID: QC359256

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,500	1,582	105	70-130	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-120
1,2-Dichloroethane-d4	82	80-130
Toluene-d8	94	80-120
Bromofluorobenzene	103	80-122

### Chemical Oxygen Demand

Lab #: 189694	Location: 3609 International Blvd
Client: SOMA Environmental Engineering Inc.	Prep: METHOD
Project#: 2333	Analysis: SM 5220D
Analyte: COD (Filtered)	Batch#: 118078
Field ID: PSP#1	Sampled: 09/27/06 13:30
Matrix: Water	Received: 09/27/06
Units: mg/L	Analyzed: 10/03/06 00:00
Diln Fac: 1.000	

Type	Lab ID	Result	RL
SAMPLE	189694-003	14	10
BLANK	QC358782	ND	10

ND= Not Detected  
 RL= Reporting Limit

Batch QC Report

Chemical Oxygen Demand			
Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2333	Analysis:	SM 5220D
Analyte:	COD (Filtered)	Diln Fac:	1.000
Field ID:	PSP#1	Batch#:	118078
MSS Lab ID:	189694-003	Sampled:	09/27/06 13:30
Matrix:	Water	Received:	09/27/06
Units:	mg/L	Analyzed:	10/03/06 00:00

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
LCS	QC358783		80.00	77.78	97	80-120		
MS	QC358784	13.61	80.00	81.67	85	80-120		
MSD	QC358785		80.00	77.78	80	80-120	5	20

**Total Suspended Solids (TSS)**

Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2333	Analysis:	EPA 160.2
Analyte:	Total Suspended Solids	Batch#:	117975
Field ID:	PSP#1	Sampled:	09/27/06
Matrix:	Water	Received:	09/27/06
Units:	mg/L	Analyzed:	09/29/06
Diln Fac:	1.000		

Type	Lab ID	Result	RL
SAMPLE	189694-003	ND	5
BLANK	QC358345	ND	5

## Batch QC Report

Total Suspended Solids (TSS)			
Lab #:	189694	Location:	3609 International Blvd
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2333	Analysis:	EPA 160.2
Analyte:	Total Suspended Solids	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	117975
MSS Lab ID:	189690-001	Sampled:	09/27/06
Matrix:	Water	Received:	09/27/06
Units:	mg/L	Analyzed:	09/29/06

Type	Lab ID	MSS Result	Spiked	Result	RL	%REC	Limits	RPD	Lim
BS	QC358346		50.00	48.00		96	80-120		
BSD	QC358347		50.00	53.00		106	80-120	10	20
SDUP	QC358348	13.00		16.00	5.000			21	31
SSPIKE	QC358349	13.00	50.00	63.00		100	46-152		

RL= Reporting Limit

RPD= Relative Percent Difference