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Alameda County
JAN 30 2006
Environmental Health


TANK CLOSURE REPORT

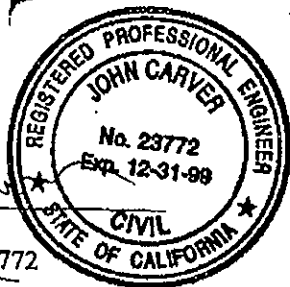
2836 Union Street
Oakland, California
Job No. 7571
July 31, 1998

RECEIVED

By loprojectop at 4:30 pm, Jan 27, 2006

Larry Wadler
Modern Mail Courier Services
PO Box 1199
Oakland, CA 94604


John Carver
Civil Engineer 23772



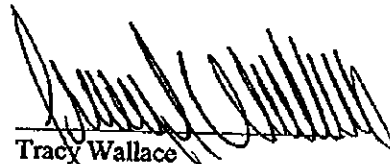

Tracy Wallace
Principal

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COVER SHEET

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1. SITE LOCATION

The subject commercial property is located along the east side of Union Street just north of 28th Street in Oakland, California. Figure 1 attached shows the general site vicinity. The actual location of the tank as well as nearby streets is shown on the attached Figure 2. Photographs of the project are shown on the attached Figure 3.

2. SITE HISTORY

One underground gasoline tank was located under the private paved parking area within the site boundaries. The tank had a capacity of 10,000 gallons, measuring about 20 feet long by 8 feet in diameter and was constructed of steel. The exact age of the tank is unknown but is believed to be between 15 and 20 years old. The fill end of the tank was determined to be the east end. The owner had been operating the tank until recently when the decision was made to remove the tank as part of the new UST regulations. The dispenser was located within 20 feet of the tank along the side of the building. The tank, dispenser and stockpile locations are shown on the attached Figure 2.

3. TANK REMOVAL

Golden Gate Tank Removal applied for and obtained permits from the City of Oakland Fire Prevention Bureau and OSHA. All site work was performed in accordance with state and local regulations.

In July 1998 GOLDEN GATE TANK REMOVAL (GGTR) mobilized its equipment and began work on the project. The overlying concrete pavement was removed and disposed of at a local recycler. The overburden soil covering the tank was removed and placed in a covered stockpile on parking area pavement.

On July 13, 1998 Americlean was contracted to remove 681 gallons of residual product and rinsate from the tank. The product was transported to a licensed Treatment, Storage and Disposal Facility (TSDF) under uniform hazardous waste manifest number 96700253. A copy of the manifest is attached.

Dry ice was placed in the tank to displace any explosive vapors remaining in the tank. The explosive levels remaining in the tank were monitored and determined to be safe before any work was performed on the tank. On July 14, 1998 upon the approval Mr. Stephan Craford of the Fire Prevention Bureau, the tank was removed from the excavation. After a visual inspection, the tank was loaded onto a flatbed truck. The tank was then transported to the licensed Erickson Inc. Treatment, Storage and Disposal Facility (TSDF) under uniform hazardous waste manifest number 96844630. Copies of the manifest and certificate of destruction are attached.

4. TANK AND SOIL CONDITION

The tank was found to be in good condition with no visible holes. Measurements indicated that tank bottom to be 12 feet below the sidewalk. The soil surrounding the tank was a brown sand. The soil below the tank was also a brown sand. Some accumulated water was encountered after the removal at about 8.5 feet below grade. There was what appeared to be floating product on the surface of the accumulated water.

5. TANK REMOVAL SAMPLING

At the direction of Mr. Craford, two soil samples were extracted from the east and west sidewalls of the excavation just above the water surface. Soil sample 7571-E was collected from the east sidewall of the tank pit at 8.5 feet below the pavement surface. Soil sample 7571-W was collected from the west sidewall of the tank pit at 8.5 feet below the pavement surface. One soil sample was taken from about 2 feet below the dispenser location and was labeled 7571-DISP. One composite soil sample was collected from the stockpile of the excavated overburden soil and numbered 7571-SP.

Because of the floating product observed on the accumulated water, Mr. Craford directed that the product should be removed before obtaining a groundwater sample. On July 15, 1998 Americlean was contracted to remove 250 gallons of floating product and accumulated water from the excavation. The liquid was transported to a licensed Treatment, Storage and Disposal Facility (TSDf) under uniform hazardous waste manifest number 96700253. A copy of the manifest is attached. The water was then sampled by John Carver of GGTR.

All samples were transported to the North State Environmental laboratory under formal chain-of-custody protocol for the required analyses.

6. TANK REMOVAL SAMPLE RESULTS

The tank removal and stockpile samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G), Methyl Tertiary-Butyl Ether (MTBE), and Benzene, Toluene, Ethylbenzene and Xylene (BTEX). The water sample was also analyzed for total lead (Pb) The following Table I summarizes the analytical results for the tank removal samples. "ND" indicates Non-Detectable results.

TABLE I
TANK REMOVAL SAMPLE RESULTS
(all soil results are in parts per million - ppm)
(all water results are in parts per billion - ppb)

SAMPLE I.D.	TPH-G	BTEX	MTBE	Total Lead
7571-SP (stockpile)	3.4	0.008/0.012/0.016/0.027	0.023	not analyzed
7571-E (excavation sidewall)	ND	ND/ND/ND/ND	ND	not analyzed
7571-W (excavation sidewall)	7.2	ND/0.012/0.065/0.021	ND	not analyzed
7571-DISP (dispenser)	2,100	2.8/16/15/94	5.1	not analyzed
7561-GW water in excavation	4,200 (ppb)	15/4/140/170 (ppb)	150 (ppb)	ND

7. DISCUSSION & EXTRA WORK

The analytical results and the site conditions were discussed with Mr. Craford. He indicated that the excavation could be backfilled after the free product was removed and the water sample obtained. Any decision of further work would be made by the Alameda County Department of Environmental Health. Consideration should be given to removing the contaminated soil from below the dispenser location.

8. SITE RESTORATION

By July 31, 1998 the excavation was backfilled with clean imported soil and the stockpiled soil and compacted. The surface was replaced in accordance with the contract requirements.

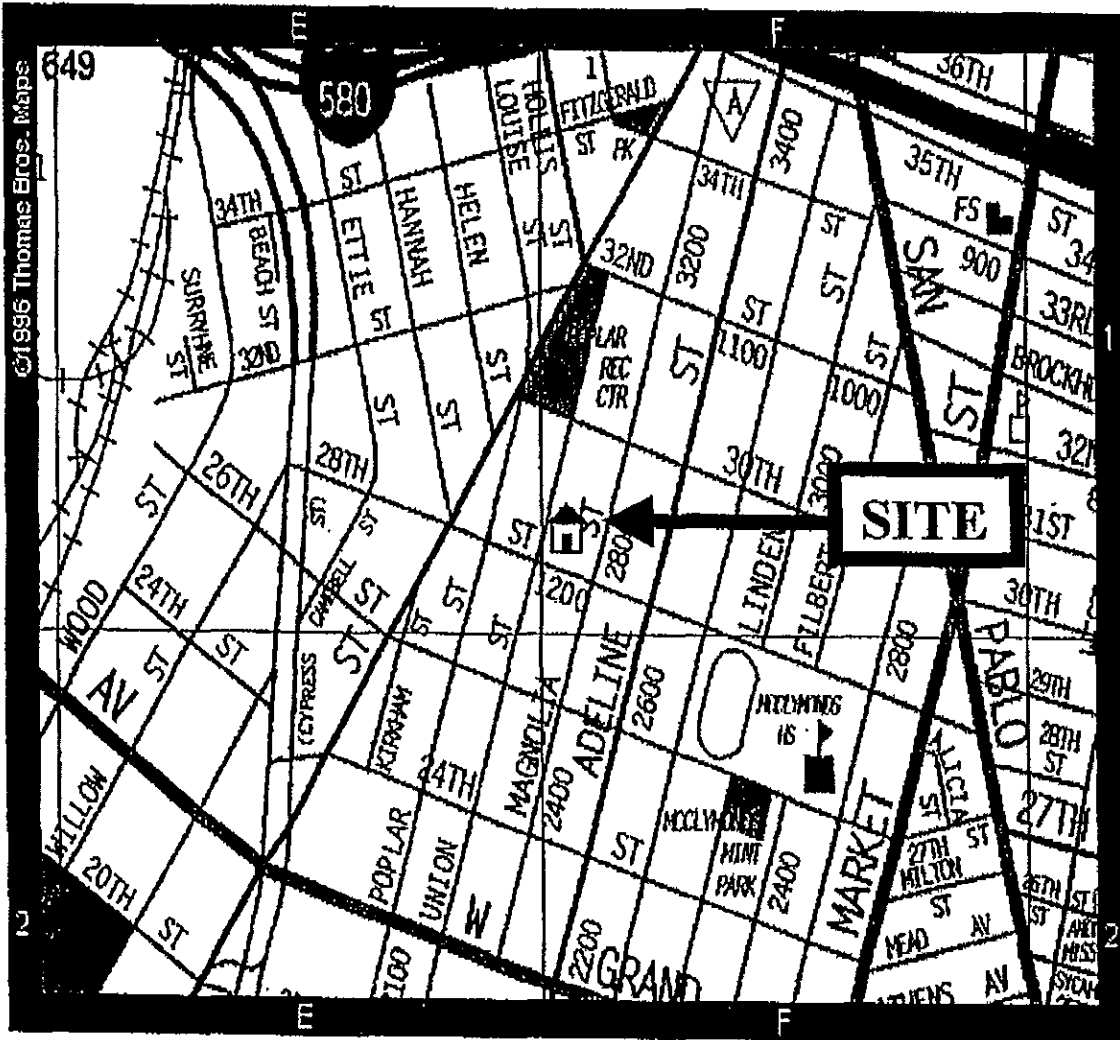
9. RECOMMENDATION

There were no visible holes in the tank, and there was no visual or laboratory evidence of significant soil contamination in the tank pit. There was significant soil contamination associated with the fuel dispenser located adjacent to the building. The analytical results from the State Certified Laboratory showed positive levels of petroleum hydrocarbons as gasoline and BTEX for the water sample obtained.

The need for any additional work will be determined by the Alameda County Department of Environmental Health.

ATTACHMENTS

**VICINITY MAP
SITE PLAN
PHOTOGRAPHS
ANALYTICAL REPORTS, CHAIN OF CUSTODY FORMS
CERTIFICATE OF TANK DESTRUCTION
MANIFEST COPIES
PERMIT COPIES**



GOLDEN GATE TANK REMOVAL

255 Shipley Street
 San Francisco, California 94107
 Telephone (415) 512-1555 Fax (415) 512-0964

VICINITY MAP

2836 Union Street
 Oakland, California 94608

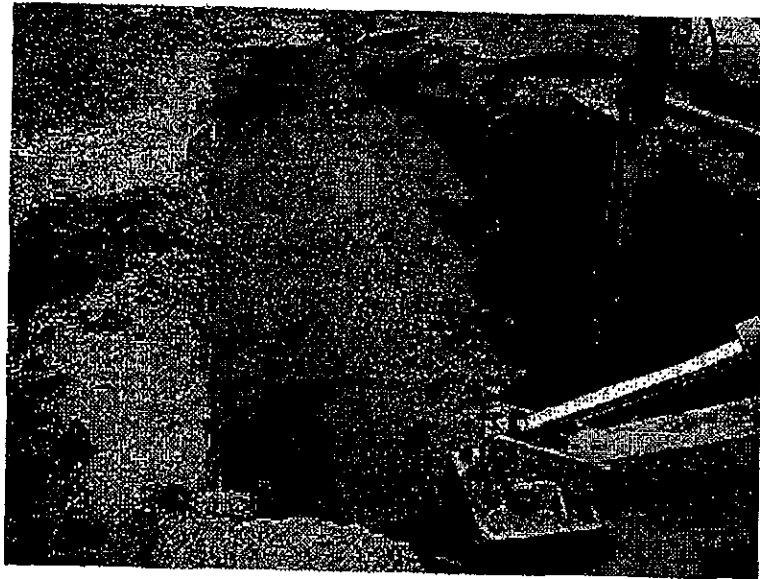
Project 7571

By: Cathy Keller

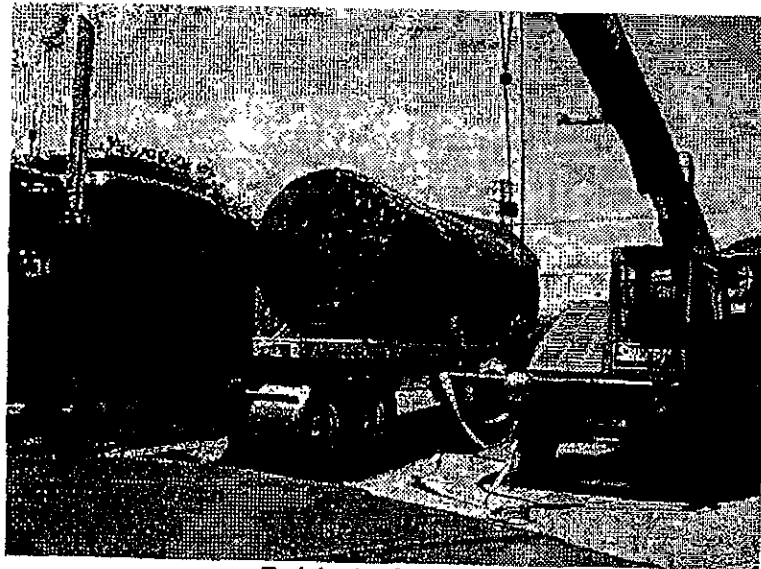
Not to scale

05/19/1998

Figure 1



Tank in excavation ready for removal



Tank loaded for disposal

GOLDEN GATE TANK REMOVAL

255 Shipley Street
 San Francisco, California 94107
 Telephone (415) 512 1555 Fax (415) 512 0964

PHOTOGRAPHS

2836 Union Street
 Oakland, California

Project 7571

By: jnc

Not to scale

July, 1998

Figure 3

PROJECT ID: 7571-W			07/14/98	SOIL
toluene	8015M	7.2	mg/Kg	
benzene	8020	ND		07/14/98
ethylbenzene	8020	0.065	mg/Kg	
acetone	8020	ND		
fluorene	8020	0.012	mg/Kg	
phenols	8020	0.021	mg/Kg	

Confirmed by GC/MS method. 8260.

CITY OF OAKLAND
FIRE PREVENTION BUREAU
421 14TH ST., 1ST FL.
OAKLAND, CALIFORNIA 94612
(510) 238-3851

FILE COPY /
PERMIT

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS
In the CITY OF OAKLAND

Request Submittal Date: 5/21/98

PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place **A**

Gasoline (b) Fuel oil (c) Diesel (d) _____ tank(s) and excavate, commencing:

(a) four feet inside the curb line*; (b) inside the property line; (c) aboveground; (d) underground tank(s)
*Inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING

on the South side of UNION STREET St./Ave. 280 feet West of 28th

Site Address: 28310 UNION STREET Present storage GASOLINE

Owner: LARRY WADLER Address 2806 UNION STREET Phone 510-839-5854
OAKLAND, CA 94608

Applicant: GOLDEN LAKE TANK REPAIR Address 255 SHIPLEY STREET Phone 415-512-5555
SAN FRANCISCO, CA 94107

Sidewalk surface to be disturbed Number of Tanks 1 Capacity 10,000 Gallons ca.

Remarks _____

Signature [Handwritten Signature]

- PLEASE ATTACH/SUBMIT: (All applicants must have a City Business License Permit)
- (3) Copies of Closure Plans for underground tank removal(s)
 - (3) Sets of plans and (1) copy of specifications for above ground tank removal
 - (3) Sets of plans and (3) sets of application packets for underground tank installation/modifications
 - (3) Sets of plans for aboveground tank installation
 - copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A
APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No. _____ Amt. Recv'd _____ Date Issued: _____
Copies to: Electrical Inspection Clk _____ Cash _____
Rev:05/98 Recv'd by: _____

OAKLAND EMERGENCY SERVICES
Tank permit app
JUN 2 1998
APPROVED

7/27/98 FAXED



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

938 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

REGULATION 8, RULE 40 NOTIFICATION FORM

Check (S) Removal or Replacement of Tanks
 Excavation of Contaminated Soil

SITE INFORMATION

Site Address 2836 Union St.

City, State Oakland, CA Zip 94608

Owner Name _____

Specific Location of Project _____

Tank Removal Scheduled Startup Date _____
Contaminated Soil Excavation Scheduled Startup Date June, 1998

Vapors Removed By:
[] Water Wash
[X] Vapor Freeing (CO²)
[] Ventilation

Stockpiles Will Be Covered? Yes XX No _____

Indicate below the method used to comply with Regulation 8, Rule 40, Section 402.4:

Check (S) 8-40-301 [] 8-40-302 [] (Permit Required) A/C or P/O # _____

What other public agency have you notified (e.g., Fire District, Hazardous Materials Department, city or county)?

Agency San Francisco DPH Contact Cherie MacCaulou Phone # (415) 252-3921

BAAQMD CONTRACTOR INFORMATION

Name Golden Gate Tank Removal Contact Tim Hallen

Address 255 Shipley Street Phone (415) 512-1555

City, State, Zip San Francisco, California 94107

CONSULTANT INFORMATION (if applicable)

Name _____ Contact _____

Address _____ Phone () _____

City, State, Zip _____

For Office Use Only

Date Received Fax _____ Date Postmarked _____

Inspector No. _____ Date _____ By _____ (init)

Update: Contact Name _____ Date _____ By _____ (init)

Update: Contact Name _____ Date _____ By _____ (init)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAL090901433140102531** of 1
 Manifest Document No. _____
 2. Page 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
**FORN WASTE
 5850 UNIV. ST.
 BERKELEY, CA 94720**

4. Generator's Phone **(510) 496-7111**

5. Transporter 1 Company Name **American** 6. US EPA ID Number **MD098H358483**

7. Transporter 2 Company Name _____ 8. US EPA ID Number _____

9. Designated Facility Name and Site Address **AMERICAN
 2521 19th St.
 SILVER SPRING, MD** 10. US EPA ID Number **MD098R21518483**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Container		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. NON-RECYCLABLE WASTE LIQUID Used Oil + Water	001	TI	0.0681	G
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information

24hr Emergency # 800 477 7105

**Job # 95-171
 2836 Union
 OAKLAND**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: **J. H. ...** Signature: _____ Month: **07** Day: **13** Year: **95**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: **J. M. Le...** Signature: _____ Month: **07** Day: **13** Year: **95**

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. CA 1 0 0 0 1 3 3 1 1 4 4 0 6 5	Manifest Document No. 4 4 0 6 5	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
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3. Generator's Name and Mailing Address
 MR. LARRY WATLER
 2836 UNION STREET
 OAKLAND, CA 94608
 (510) 830-5851

4. Generator's Phone () 1

5. Transporter 1 Company Name
 AMERICLEAN

6. US EPA ID Number
 NY 1 0 9 8 2 3 5 8 1 8 3

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
 AMERICLEAN, 2570 Almond Drive
 Silver Springs, NY 89 099

10. US EPA ID Number
 NY 1 0 9 8 2 3 5 8 1 8 3

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. Oil and Water Non-RCRA Hazardous Waste Liquid	1	TIT	0.0256	6
b.				
c.				
d.				



15. Special Handling Instructions and Additional Information

24 Hr. Emergency Contact: CULTR (415) 512-1555 Job Site Address: 2836 Union Street, #7571

Appropriate Protective Clothing and Respirator

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: *Tom Hall (or Bob Hall)* Signature: *Tom Hall (or Bob Hall)* Month: 6 Day: 11 Year: 1998

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <u>C1A1L101010101131311414416310</u>		Manifest Document No. <u>1 of 1</u>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <u>LARRY WADLER 2836 UNION ST. OAKLAND CA 94618</u>													
4. Generator's Phone (510) <u>444-6275</u>													
5. Transporter 1 Company Name <u>BIARS TRUCKING</u>					6. US EPA ID Number <u>C1A1P1R1B1K16201</u>								
7. Transporter 2 Company Name					8. US EPA ID Number								
9. Designated Facility Name and Site Address <u>ERICKSON, INC. 255 Parr Blvd. Richmond, CA. 94801</u>													
10. US EPA ID Number <u>19A1999466392</u>													
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total		14. Unit				
					No.	Type	Quantity		Wt/Vol				
a. <u>NON-RCRA Hazardous Waste Solid</u>					001	TP	10000		P				
b.													
c.													
d.													
15. Special Handling Instructions and Additional Information <u>Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name <u>LARRY WADLER</u> Phone <u>510 444 6275</u> (LAW) JOB# <u>7571</u> SITE <u>2836 UNION</u></u>													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <u>Tom Hallen (on behalf of owner)</u>				Signature <u>Tom Hallen (on behalf of owner)</u>				Month <u>07</u>		Day <u>17</u>		Year <u>1988</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <u>JAMES BIARS</u>				Signature <u>JAMES BIARS</u>				Month <u>07</u>		Day <u>14</u>		Year <u>1988</u>	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.													
Printed/Typed Name				Signature				Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

CERTIFICATE
CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 2011

CUSTOMER
JOB NO. 072720
GOLDEN GATE TANK

FOR: ERICKSON, INC. TANK NO. 23221

LOCATION: RICHMOND, CA DATE: 7/21/98 TIME: 10:36:37

VISUAL GASTECH/1314 SMPN UG

T.METHOD _____ LAST PRODUCT _____

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Jatrice Allen
REPRESENTATIVE

TITLE

Dave Jato
INSPECTOR



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-814
 Client: Golden Gate Tank
 Project: 2836 Union St./#7571

Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Sample	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-814-01 Client ID: 7571-SP					
Gasoline	8015M	3.4	mg/Kg	07/14/98	SOIL COMP 07/14/98
Benzene	8020	0.008	mg/Kg		
Toluene	8020	0.016	mg/Kg		
Xylenes	8020	0.023	mg/Kg		
Methylnaphthalenes	8020	0.012	mg/Kg		
MTBE	8020	0.027	mg/Kg		
Sample: 98-814-02 Client ID: 7571-E					
Gasoline	8015M	ND		07/14/98	SOIL 07/14/98
Benzene	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Methylnaphthalenes	8020	ND			
MTBE	8020	ND			
Sample: 98-814-03 Client ID: 7571-W					
Gasoline	8015M	7.2	mg/Kg	07/14/98	SOIL 07/14/98
Benzene	8020	ND			
Toluene	8020	0.065	mg/Kg		
Xylenes	8020	ND			
Methylnaphthalenes	8020	0.012	mg/Kg		
MTBE	8020	0.021	mg/Kg		

Confirmed by GC/MS method.8260.



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-814
Client: Golden Gate Tank
Project: 2836 Union St./#7571

Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-814-04	Client ID: 7571-DISP			07/14/98	SOIL
Gasoline	8015M	2100	mg/Kg		07/14/98
Benzene	8020	2.8	mg/Kg		
Toluene	8020	15	mg/Kg		
BTEX	8020	*5.1	mg/Kg		
Xylenes	8020	16	mg/Kg		
MTBE	8020	93	mg/Kg		

Confirmed by GC/MS method 8260.



North State Environmental
 Chemical Waste Disposal • Trucking • Consulting

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-814
 Client: Golden Gate Tank
 Project: 2836 Union St./#7571

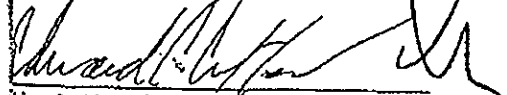
Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD - Recovery	RPD
Gasoline	8015M	0.5	mg/Kg	ND	106	5
Benzene	8020	.005	mg/Kg	ND	114	0
Toluene	8020	.005	mg/Kg	ND	111	1
Xylenes	8020	.005	mg/Kg	ND	110	2
BTEX	8020	.010	mg/Kg	ND	114	1
MTBE	8020	.005	mg/Kg	ND	112	2

LAP Certificate NO:1753

Reviewed and Approved


 John A. Murphy, Laboratory Director



C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-703
 Client: Golden Gate Tank
 Project: 1225 Mandela Pkwy./#7519-B
 Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Lead by Method 7420, AA Spectroscopy
 STLC Metals by CAM WET by Title 22 66700

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-703-01 Client ID: 7519-B-SP					
Gasoline	8015M	ND		06/17/98	SOIL COMP
Benzene	8020	ND			06/17/98
Toluene	8020	ND			
Xylenes	8020	ND			
MTBE	8020	ND			
Lead	7420	100	mg/Kg		07/10/98
STLC Lead	7420	4.4	mg/L		07/15/98
Sample: 98-703-02 Client ID: 7519-B-N					
Gasoline	8015M	ND		06/17/98	SOIL
Benzene	8020	ND			06/17/98
Toluene	8020	ND			
Xylenes	8020	ND			
MTBE	8020	ND			
Lead	7420	43	mg/Kg		07/10/98



C E R T I F I C A T E O F A N A L Y S I S

Number: 98-703
 Client: Golden Gate Tank
 Project: 1225 Mandela Pkwy./#7519-B
 Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Lead by Method 7420, AA Spectroscopy
 STLC Metals by CAM WET by Title 22 66700

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-703-03		Client ID: 7519-B-S		06/17/98	SOIL
Gasoline	8015M	ND			06/17/98
Benzene	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
MTBE	8020	ND			
Lead	7420	6	mg/Kg		07/10/98
Sample: 98-703-04		Client ID: 7519-B-E		06/17/98	SOIL
Gasoline	8015M	2.0	mg/Kg		06/17/98
Benzene	8020	ND			
Toluene	8020	ND			
Xylenes	8020	0.030	mg/Kg		
Lead	7420	19	mg/Kg		07/10/98



C E R T I F I C A T E O F A N A L Y S I S

Number: 98-703
 Client: Golden Gate Tank
 Project: 1225 Mandela Pkwy./#7519-B
 Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Lead by Method 7420, AA Spectroscopy
 STLC Metals by CAM WET by Title 22 66700

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-703-05 Client ID: 7519-B-W					
Gasoline	8015M	ND		06/17/98	06/17/98
Benzene	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
BTEX	8020	ND			
Lead	7420	200	mg/Kg		07/10/98
Sample: 98-703-06 Client ID: 7519-B-C					
Gasoline	8015M	ND		06/17/98	06/17/98
Benzene	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
BTEX	8020	ND			
Lead	7420	100	mg/Kg		07/10/98



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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

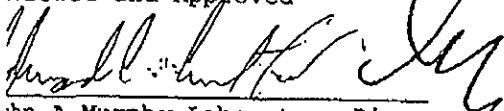
Number: 98-703
 Client: Golden Gate Tank
 Project: 1225 Mandela Pkwy./#7519-B
 Date Reported: 07/15/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Lead by Method 7420, AA Spectroscopy
 STLC Metals by CAM WET by Title 22 66700

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	0.5	mg/Kg	ND	106	2
Benzene	8020	.005	mg/Kg	ND	97	11
Toluene	8020	.005	mg/Kg	ND	104	14
Xylenes	8020	.005	mg/Kg	ND	102	11
MTBE	8020	.010	mg/Kg	ND	107	9
Lead	8020	.005	mg/Kg	ND	98	14
Lead	7420	1.0	mg/Kg	ND	98/98	0
Lead	7420	0.05	mg/L	ND	99/99	1

AP Certificate NO:1753

Reviewed and Approved


 John A. Murphy, Laboratory Director



North State Environmental
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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-831
Client: Golden Gate Tank
Project: 2836 Union St./#7571

Date Reported: 07/20/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
Lead by Method 7420 AA Spectroscopy

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-831-01	Client ID: 7571-GW			07/15/98	WATER
Gasoline	8015M	4200	ug/L		07/16/98
Benzene	8020	15	ug/L		
Toluene	8020	140	ug/L		
BTEX	8020	150	ug/L		
Xylenes	8020	4	ug/L		
Lead	7420	ND			07/17/98



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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-831
 Client: Golden Gate Tank
 Project: 2836 Union St./#7571

Date Reported: 07/20/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Lead by Method 7420 AA Spectroscopy

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	96	11
Benzene	8020	0.5	ug/L	ND	108	13
Toluene	8020	0.5	ug/L	ND	105	15
Xylenes	8020	0.5	ug/L	ND	106	14
MTBE	8020	1.0	ug/L	ND	108	11
Lead	7420	0.5	ug/L	ND	82	22
		0.05	mg/L	ND	106/103	3

Certificate NO: 1753

Reviewed and Approved

A. Murphy, Laboratory Director

