

ENVIRONMENTAL  
PROTECTION  
98 JUL 14 AM 9:33



July 9, 1998  
Project 7519B

Mr. Clarence Glasper  
P.O. Box 245160  
Sacramento, CA 95824

STID 4153

SUBJECT: 1255 Mandela Parkway (Cypress Street)  
Oakland, California  
GASOLINE TANK SOIL SAMPLING AND ANALYSES

Dear Mr. Glasper,

As authorized, we have carried out a program of soil sampling and analyses for the gasoline tank excavation and stockpile at the site.

**Site Background**

The subject address was a gasoline service station. It is currently an auto repair facility with no fueling facilities. The location of the site is shown on the Vicinity Map, Figure 1 attached. As a gasoline service station, the business had and operated gasoline tanks and utilized a waste oil tank. The waste oil tank was removed by Golden Gate Tank Removal (GGTR) in June 1998. A report of the waste oil tank removal and subsequent overburden soil disposal will be provided under separate cover.

The gasoline tanks were removed by others in the summer of 1997. Evidently the tanks were exposed and removed in accordance with proper permitted procedures. There was no further activity at the site regarding the gasoline tanks and therefor the overburden soil (approximately 50 cubic yards) remained stockpiled on site and the excavation remained open and un-filled.

At the time GGTR visited the site in March 1998, the excavation had water in the bottom. At the time of the waste oil tank removal in June 1998, there was no water in the excavation.

### **Soil Sampling**

The day GGTR removed the waste oil tank, June 17, 1998 under the supervision of Mr. Leroy Griffin of the City of Oakland Fire Services Agency, the gasoline tank overburden stockpile and gasoline tank removal excavation were sampled. John Carver, obtained the samples using hand sampling techniques.

One four point composite soil sample was taken from the stockpile and was labeled 7519-B-SP. Four sidewall samples were taken from the excavation at the level of the bottom of the excavation, approximately 9 feet below ground surface. Samples 7519-B-N; 7519-B-S; 7519-B-E; and 7519-B-W, were taken from the north, south, east and west sidewalls respectively. Soil sample 7519-B-C was taken from the approximate center of the excavation at about 10 feet below the ground surface (one foot below the excavation bottom). Because there was no water in the excavation, no water samples were taken.

The location of the excavation, overburden stockpiles, and sample locations are shown on the attached Figure 2.

The samples were collected in brass tubes which were labeled, sealed and stored in a cooled environment. All samples were delivered to a state certified laboratory on the day of sampling under chain of custody procedures.

### **Soil Sample Analytical Results**

The soil samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G), Methyl Tertiary Butyl Ether (MTBE) and Benzene, Toluene, Ethylbenzene and Xylene (BTEX). The following Table 1 summarizes the analytical results for the tank removal soil samples. "ND" indicates Non-Detectable results. Copies of the laboratory reports and the chain of custody are attached.

**TABLE 1**  
**TANK REMOVAL SAMPLE RESULTS**  
(all results are in parts per million - ppm)

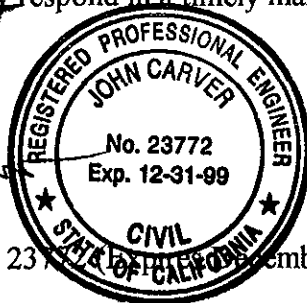
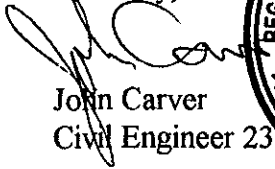
SAMPLE I.D.	TPH-G	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes
7519-B-SP (stockpile)	ND	ND	ND	ND	ND	ND
7519-B-N (excavation sidewall)	ND	ND	ND	ND	ND	ND
7519-B-S (excavation sidewall)	ND	ND	ND	ND	ND	ND
7519-B-E (excavation sidewall)	2.0	ND	ND	ND	ND	0.030
7519-B-W (excavation sidewall)	ND	ND	ND	ND	ND	ND
7519-B-C (excavation bottom)	ND	ND	ND	ND	ND	ND

**Discussion**

The results of the samples indicated that there is no significant gasoline contamination in the soils sampled at the site. A copy of this letter is being sent to the Alameda County Department of Environmental Health for their review. Preliminary conversations with Mr. Larry Seto indicated that the analytical information may be used in reviewing the gasoline tank removal case for closure.

If there are any additional materials or data needed or if there are any questions, please contact us so that we may respond in a timely manner.

Sincerely,

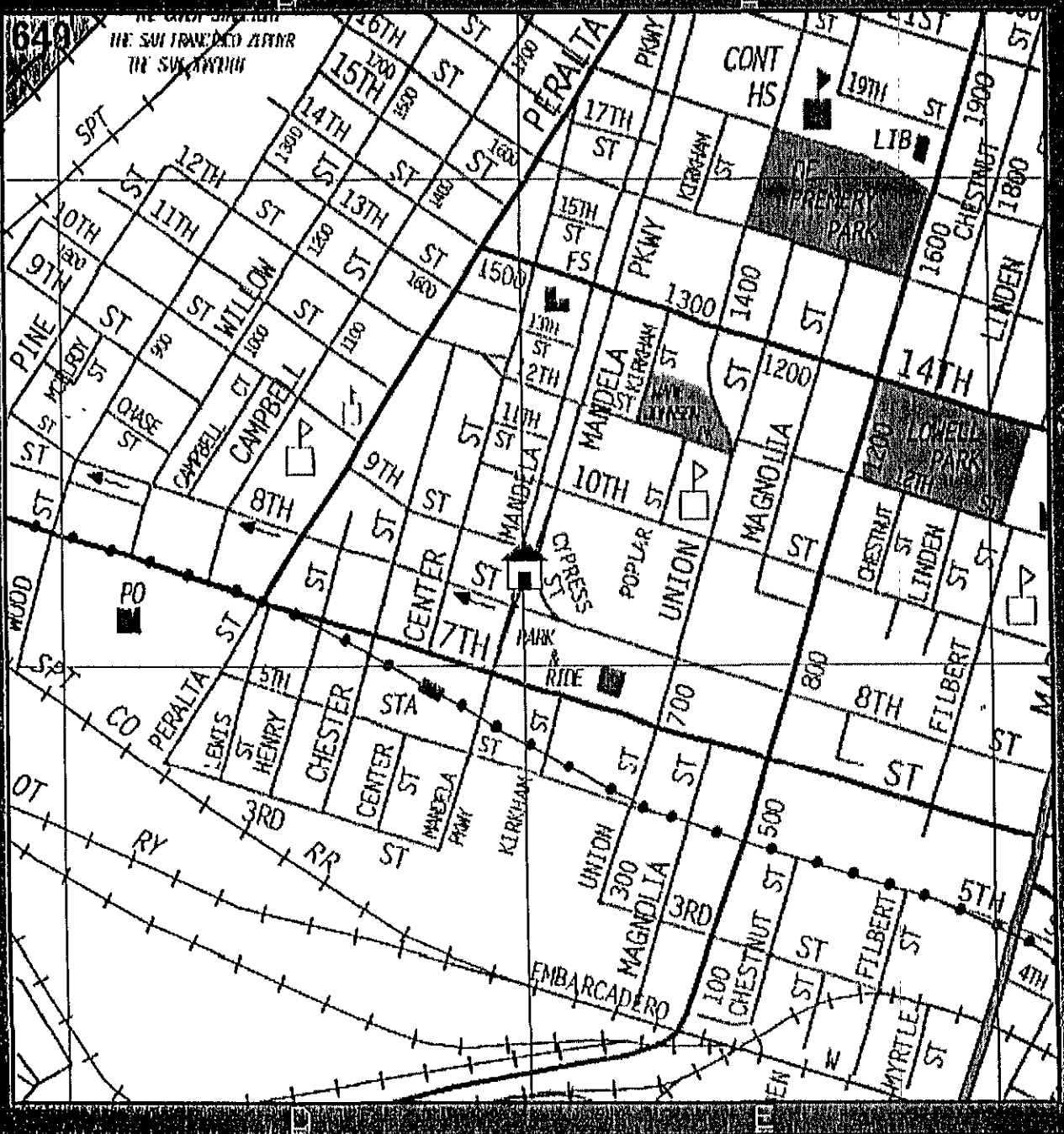


John Carver  
Civil Engineer 23772 (Expires December 31, 1999)

cc Mr. Larry Seto  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway Room 250  
Alameda CA. 94502-6577

**ATTACHMENTS**

**VICINITY MAP  
SITE PLAN  
ANALYTICAL REPORTS  
CHAIN OF CUSTODY FORMS**



### GOLDEN GATE TANK REMOVAL

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

### VICINITY MAP

1225 Cypress St  
 Oakland, California, 94607

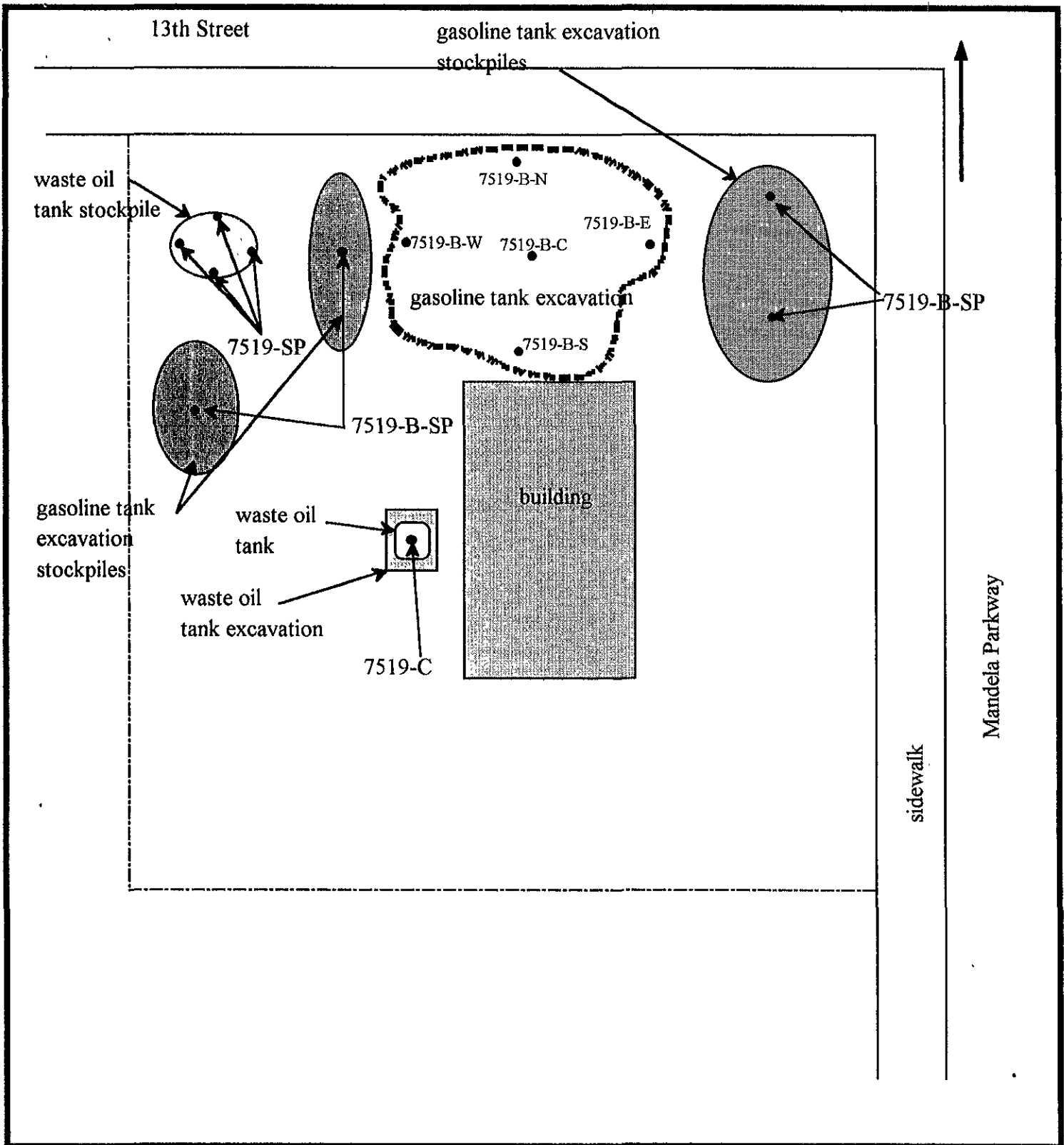
Project 7519

By: Tim Hallen

Not to scale

4/1/98

Figure 1



**GOLDEN GATE TANK REMOVAL**

255 Shipley Street  
San Francisco, CA 94107

Telephone (415) 512 1555 Fax (415) 512 0964

**SITE PLAN**

1225 Mandela Parkway  
Oakland, California

Project 7519

By: jnc

Scale Not to scale

June 1998

Figure 2



North State Environmental  
Chemical Waste Disposal • Trucking • Consulting

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: 06/18/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-703-01 Client ID: 7519-B-SP 06/17/98 SOIL COMP					
Gasoline	8015M	ND			06/17/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-703-02 Client ID: 7519-B-N 06/17/98 SOIL					
Gasoline	8015M	ND			06/17/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-703-03 Client ID: 7519-B-S 06/17/98 SOIL					
Gasoline	8015M	ND			06/17/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			



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: 06/18/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
<hr/>					
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			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	0.030	mg/Kg		
<hr/>					
Sample: 98-703-05	Client ID: 7519-B-W			06/17/98	SOIL
Gasoline	8015M	ND			06/17/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
<hr/>					
Sample: 98-703-06	Client ID: 7519-B-C			06/17/98	SOIL
Gasoline	8015M	ND			06/17/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			





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## CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

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

Date Reported: 06/18/98

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	2
Benzene	8020	.005	mg/Kg	ND	97	11
Ethylbenzene	8020	.005	mg/Kg	ND	104	14
Toluene	8020	.005	mg/Kg	ND	102	11
Xylenes	8020	.010	mg/Kg	ND	107	9
MTBE	8020	.005	mg/Kg	ND	98	14

ELAP Certificate NO:1753

Reviewed and Approved

John A. Murphy, Laboratory Director

Page 3 of 3



# North State Environmental Analytical Laboratory

Phone: (415) 588-9652 Fax: (415) 588-1950

98-703

Chain of Custody / Request for Analysis

Lab Job No.: \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

Client: <del>GGTR</del> GGTR	Report to: Carver	Phone:	Turnaround Time
Mailing Address:	Billing to:	Fax:	ASAP
		PO# / Billing Reference:	Date: 6/17/8
		7519-B	Sampler: Carver

Project / Site Address: 1225 Mandela Pkwy Analysis Requested

Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	PH-G	BTEX	MTBE	Comments/Hazards
-1 7519-B-SP	Soil	4 BT	Cool	6/17/8 1400	↓	↓	↓	
-2 7519-B-N	↓	1 BT	↓	1410	↓	↓	↓	
-3 7519-B-S	↓	↓	↓	1420	↓	↓	↓	
-7 7519-B-E	↓	↓	↓	1430	↓	↓	↓	
-5 7519-B-W	↓	↓	↓	1440	↓	↓	↓	
6 7519-B-C	↓	↓	↓					

8 X BT COOL

Relinquished by: <i>[Signature]</i>	Date: 6/17/8	Time: 3:15	Received by: <i>[Signature]</i>	Lab Comments
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date:	Time:	Received by:	