

Golden Gate Tank Removal, Inc.
255 Shipley Street
San Francisco, CA 94107
Telephone. (415) 512-1555
Fax. (415) 512-0964



Fax

To: Susan Hugo	From: Amanda Thornton
Fax: 510-337-9335	Pages: 4
Phone: 510-567-6780	Date: November 9, 2004
Re: 6310 Houston Place	CC:

Enclosed is the analytical results you requested regarding the tank removal at 6310 Houston Avenue.

Thank you,

Amanda T.



North State Labs
 90 South Spruce Avenue, Suite W, South San Francisco, CA 94080
 Phone: (650) 266-4563 Fax: (650) 266-4560

04-1712

Chain of Custody / Request for Analysis
 Lab Job No.: _____ Page _____ of _____

Nov 04 04 10:35A North State Environmental 6502664560 P.2

Client: <u>GOLDEN GATE TANK REMEDIATION</u>		Report to: <u>Samuel M...</u>		Phone: <u>415 312-1555</u>		Turnaround Time	
Mailing Address: <u>255 SHIPLEY STREET</u>		Billing to: <u>G GTR Tax</u>		Fax: <u>415 312-0964</u>		24 Hrs	
<u>SAN FRANCISCO CA 94107</u>				email: <u>GGTR@DATAOL</u>		Date: <u>10-27-04</u>	
Project / Site Address / Global ID: <u>Douglas CA</u>		Analysis Requested		PO# <u>8559</u>		Sampler: <u>S.M.</u>	
<u>B559/G310 HOUSTON PLACE</u>						EDF <input type="checkbox"/> PDF <input type="checkbox"/> Field Point ID	
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	APP	STEP	
1 8559-SP1	soil	1 BT	A°C	10-27-04/14:35	X	X	
2 8559-SP2	soil	1 BT	A°C	10-27-04/14:10	X	X	
3 8559-SP3	soil	1 BT	A°C	10-27-04/14:15	X	X	
4 8559-P1[5]	soil	1 BT	A°C	10-27-04/14:20	X	X	
5 8559-P2[4]	soil	1 BT	A°C	10-27-04/14:40	X	X	
6 8559-P3[4]	soil	1 BT	A°C	10-27-04/14:50	X	X	
7 8559-D[3]	WATER	1 L	A°C	10-28-04/11:05	X		
8 8559-D[3]	WATER	2 VOA	A°C	10-28-04/11:05		X	
9 8559-N[10]	soil	1 BT	A°C	10-28-04/12:00	X	X	
10 8559-WATER	WATER	1 L	A°C	10-28-04/11:30	X		
11 8559-WATER	WATER	2 VOA	A°C	10-28-04/11:30		X	
Relinquished by: <u>[Signature]</u>		Date: <u>10/27/04</u> Time: <u>1:30P</u>		Received by: <u>[Signature]</u>		Lab Comments/ Hazards	
Relinquished by:		Date: _____ Time: _____		Received by: _____			
Relinquished by:		Date: _____ Time: _____		Received by: _____			

TERMS: NET 30 OAC

PAGE 02 GOLDEN GATE TANK REM 4155120954 11/09/2004 15:12

**North State Labs**

CA ELAP# 1753

90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

Case Narrative

Client: GGTR

Project: 8559/6310 HOUSTON PLACE, DUBLIN

Lab No: 04-1712

Date Received: 10/29/2004

Date reported: 11/03/2004

Nine samples (seven soils and two waters) were analyzed for diesel by method 8015M, BTEX and MTBE by method 8021B. No errors were noted during analysis. QC/QA results were within control limits. The LCS/LCSD results were reported instead of MS/MSD for water samples due to lack of sample volume supplied. Both water samples showed the presence of MTBE but confirmation was performed only for one sample with highest MTBE result.

John A. Murphy
Laboratory Director



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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: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M
 MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8021E

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 04-1712-01	Client ID: 8559-SP1			10/27/2004	SO
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	6	MG/KG		11/01/2004
Sample: 04-1712-02	Client ID: 8559-SP2			10/27/2004	SO
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/01/2004
Sample: 04-1712-03	Client ID: 8559-SP3			10/27/2004	SO
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	197	MG/KG		11/01/2004

*Does not match typical diesel.**Conf. by GC/MS method 8260B



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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: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M
 MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 04-1712-04	Client ID: 8559-P1[5']			10/27/2004	SO
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/01/2004
Sample: 04-1712-05	Client ID: 8559-P2[4']			10/27/2004	SO
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/01/2004
Sample: 04-1712-06	Client ID: 8559-P3[4']			10/27/2004	SO
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/01/2004

*Does not match typical diesel.**Conf. by GC/MS method 8260B

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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: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M
 MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 04-1712-07 Client ID: 8559-D[3'] 10/28/2004 W					
Benzene	SW8020F	ND<0.5	UG/L		11/02/2004
Ethylbenzene	SW8020F	ND<0.5	UG/L		11/02/2004
Methyl-tert-butyl ether	SW8020F	1.1	UG/L		11/02/2004
Toluene	SW8020F	ND<0.5	UG/L		11/02/2004
Xylenes	SW8020F	1.8	UG/L		11/02/2004
Diesel Fuel #2	CATFH	23.8	MG/L		11/01/2004
Sample: 04-1712-08 Client ID: 8559-N-SIDEWALL[7'6"] 10/28/2004 SO					
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	*1	MG/KG		11/01/2004
Sample: 04-1712-09 Client ID: 8559-WATER 10/28/2004 W					
Benzene	SW8020F	ND<0.5	UG/L		11/02/2004
Ethylbenzene	SW8020F	ND<0.5	UG/L		11/02/2004
Methyl-tert-butyl ether	SW8020F	**3.8	UG/L		11/02/2004
Toluene	SW8020F	ND<0.5	UG/L		11/02/2004
Xylenes	SW8020F	ND<1.0	UG/L		11/02/2004
Diesel Fuel #2	CATFH	0.3	MG/L		11/01/2004

*Does not match typical diesel.**Conf. by GC/MS method 8260B



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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

Quality Control/Quality Assurance

Lab Number: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M

MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8021B

Analyte	Method	Reporting Unit	Blank	Avg MS/MSD	RPD
		Limit		Recovery	
Diesel Fuel #2	CATFH	1	MG/KG	ND	116/100 15
Diesel Fuel #2	CATFH	0.05	MG/L	ND	72/68 6
Benzene	SW8020F	0.5	UG/L	ND	93/91 2
Toluene	SW8020F	0.5	UG/L	ND	99/102 3
Ethylbenzene	SW8020F	0.5	UG/L	ND	100/99 1
Xylenes	SW8020F	1.0	UG/L	ND	102/105 3
Methyl-tert-butyl ether	SW8020F	0.5	UG/L	ND	92/96 4
Gasoline Range (11/02/04)	SW8020F	500	UG/KG	ND	89/78 13
Benzene	SW8020F	5	UG/KG	ND	94/107 13
Toluene	SW8020F	5	UG/KG	ND	90/100 11
Ethylbenzene	SW8020F	5	UG/KG	ND	97/107 10
Xylenes	SW8020F	10	UG/KG	ND	102/113 10
Methyl-tert-butyl ether	SW8020F	5	UG/KG	ND	92/102 10

ELAP Certificate NO:1753

Reviewed and Approved

John A. Murphy, Laboratory Director

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Case Narrative

Client: GGTR

Project: 8559/6310 HOUSTON PLACE, DOUBLIN

Lab No: 04-1712

Date Received: 10/29/2004 Date reported: 11/03/2004

Nine samples (seven soils and two waters) were analyzed for diesel by method 8015M, BTEX and MTBE by method 8021B. No errors were noted during analysis. QC/QA results were within control limits. The LCS/LCSD results were reported instead of MS/MSD for water samples due to lack of sample volume supplied. Both water samples showed the presence of MTBE but confirmation was performed only for one sample with highest MTBE result.

John A. Murphy
 John A. Murphy
 Laboratory Director

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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: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DOUBLIN
 Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M
 MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8121B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 04-1712-01 Client ID: 8559-SP1				10/27/2004	80
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	6	MG/KG		11/01/2004
Sample: 04-1712-02 Client ID: 8559-SP2				10/27/2004	80
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	ND<1	MG/KG		11/01/2004
Sample: 04-1712-03 Client ID: 8559-SP3				10/27/2004	80
Benzene	SW8020F	ND<5	UG/KG		11/02/2004
Ethylbenzene	SW8020F	ND<5	UG/KG		11/02/2004
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG		11/02/2004
Toluene	SW8020F	ND<5	UG/KG		11/02/2004
Xylenes	SW8020F	ND<10	UG/KG		11/02/2004
Diesel Fuel #2	CATFH	197	MG/KG		11/01/2004

*Does not match typical diesel. **Conf. by GC/MS method R260B

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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: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DOUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M
 MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8021B

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 04-1712-04 Client ID: 8559-P1[5'] 10/27/2004 SO					
Benzene	SW8020F	ND<5	UG/KG	11/02/2004	
Ethylbenzene	SW8020F	ND<5	UG/KG	11/02/2004	
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG	11/02/2004	
Toluene	SW8020F	ND<5	UG/KG	11/02/2004	
Xylenes	SW8020F	ND<10	UG/KG	11/02/2004	
Diesel Fuel #2	CATPH	ND<1	MG/KG	11/01/2004	
Sample: 04-1712-05 Client ID: 8559-P2[4'] 10/27/2004 SO					
Benzene	SW8020F	ND<5	UG/KG	11/02/2004	
Ethylbenzene	SW8020F	ND<5	UG/KG	11/02/2004	
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG	11/02/2004	
Toluene	SW8020F	ND<5	UG/KG	11/02/2004	
Xylenes	SW8020F	ND<10	UG/KG	11/02/2004	
Diesel Fuel #2	CATPH	ND<1	MG/KG	11/01/2004	
Sample: 04-1712-06 Client ID: 8559-P3[4'] 10/27/2004 SO					
Benzene	SW8020F	ND<5	UG/KG	11/02/2004	
Ethylbenzene	SW8020F	ND<5	UG/KG	11/02/2004	
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG	11/02/2004	
Toluene	SW8020F	ND<5	UG/KG	11/02/2004	
Xylenes	SW8020F	ND<10	UG/KG	11/02/2004	
Diesel Fuel #2	CATPH	ND<1	MG/KG	11/01/2004	

*Does not match typical diesel.**Conf. by GC/MS method 8260B

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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: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6310 HOUSTON PLACE DOUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M
 MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 8021E

Analyte	Method	Result	Unit	Date Sample	Date Analyzed
Sample: 04-1712-07	Client ID: 8559-D[3']			10/28/2004	W
Benzene	SW8020F	ND<0.5	UG/L	11/01/2004	
Ethylbenzene	SW8020F	ND<0.5	UG/L	11/01/2004	
Methyl-tert-butyl ether	SW8020F	1.1	UG/L	11/01/2004	
Toluene	SW8020F	ND<0.5	UG/L	11/01/2004	
Xylenes	SW8020F	1.8	UG/L	11/01/2004	
Diesel Fuel #2	CATFH	23.8	MG/L	11/01/2004	
Sample: 04-1712-08	Client ID: 8559-N-SIDEWALL[7'6"]			10/28/2004	30
Benzene	SW8020F	ND<5	UG/KG	11/01/2004	
Ethylbenzene	SW8020F	ND<5	UG/KG	11/01/2004	
Methyl-tert-butyl ether	SW8020F	ND<5	UG/KG	11/01/2004	
Toluene	SW8020F	ND<5	UG/KG	11/01/2004	
Xylenes	SW8020F	ND<10	UG/KG	11/01/2004	
Diesel Fuel #2	CATFH	#1	MG/KG	11/01/2004	
Sample: 04-1712-09	Client ID: 8559-WATER			10/28/2004	W
Benzene	SW8020F	ND<0.5	UG/L	11/01/2004	
Ethylbenzene	SW8020F	ND<0.5	UG/L	11/01/2004	
Methyl-tert-butyl ether	SW8020F	**3.8	UG/L	11/01/2004	
Toluene	SW8020F	ND<0.5	UG/L	11/01/2004	
Xylenes	SW8020F	ND<1.0	UG/L	11/01/2004	
Diesel Fuel #2	CATFH	0.3	MG/L	11/01/2004	

*Does not match typical diesel.**Conf. by GC/MS method 8260B

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North State Labs

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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 04-1712
 Client: Golden Gate Tank
 Project: 8559/6910 HOUSTON PLACE DOUBLIN

Date Reported: 11/03/2004

Diesel Range Hydrocarbons by Method 8015M

MTBE, Toluene, Benzene, Ethylbenzene and Xylenes by 0218

Analyte	Method	Reporting Unit	Blank	Avg MS/MSD Recovery	RPT
Diesel Fuel #2	CATPH	1 MG/KG	ND	115/100	18
Diesel Fuel #2	CATPH	0.05 MG/L	ND	72/98	5
Benzene	SW8020F	0.5 UG/L	ND	92/97	3
Toluene	SW8020F	0.5 UG/L	ND	95/102	3
Ethylbenzene	SW8020F	0.5 UG/L	ND	100/100	3
Xylenes	SW8020F	1.0 UG/L	ND	102/105	3
Methyl-tert-butyl ether	SW8020F	0.5 UG/L	ND	92/97	4
Benzene	SW8020F	5 UG/KG	ND	94/107	10
Toluene	SW8020F	5 UG/KG	ND	90/100	11
Ethylbenzene	SW8020F	5 UG/KG	ND	97/107	11
Xylenes	SW8020F	10 UG/KG	ND	102/103	10
Methyl-tert-butyl ether	SW8020F	5 UG/KG	ND	92/102	10

NLAP Certificate NO:1753

Reviewed and Approved

John A. Murphy Laboratory Director