May 14, 2015

Chris Tougeron
Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Job # 9485

SUBJECT: CLOSURE REPORT FOR UNDERGROUND STORAGE TANK

SITE: 1759 SEMINARY AVENUE OAKLAND, CA 94612

Dear Mr. Tougeron:

Golden Gate Tank Removal, Inc. is pleased to submit the attached report documenting the removal of underground storage tank (UST) from 1759 Seminary Avenue.

Please include us in the distribution of the notice of completion. Thank you for the opportunity to provide you with our services. If you have any questions, please call Tim Hallen or Brent Wheeler at (415) 512-1555.

Sincerely,
Golden Gate Tank Removal, Inc.

Tim Hallen
General Manager

cc: 619 S. 33rd LLC, Attn: Mark Skolnick, 930 Redwood Highway, #B, Mill Valley, CA 94941

1480 Carroll Avenue - San Francisco, CA 94124 - Tel.: 415.512.1555 Fax: 415.512.0964
General Engineering Contractors License No. 616521

UNDERGROUND STORAGE TANK

CLOSURE REPORT

1759 Seminary Avenue
Oakland, CA 94612
Job No. 9485
April 24, 2015

Prepared For:

619 S. 33rd LLC
Attn: Mark Skolnick
930 Redwood Highway, #B
Mill Valley, California 94941

Tim Hallen
Registered Environmental Assessor 08006

1480 Carroll Avenue - San Francisco, CA 94124 - Tel.: 415.512.1555 Fax: 415.512.0964
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1. SITE LOCATION

The subject multi-unit property is located at 1759 Seminary Avenue, between Bromley Avenue and Holway Street in Oakland, California. Figure 1 attached shows the general site location.

2. SITE HISTORY

One underground storage tank (UST) containing diesel was located in the beneath the sidewalk along the Seminary Avenue frontage of the property. The tank had a capacity of approximately 1500 gallons, measuring 10 feet in length by 5 feet in diameter, and was constructed of single wall bare steel. The fill port was located at the south end of the tank. The age of the tank is unknown. The owner had no prior knowledge of the tank nor is there any indication of previous site investigation activities. The approximate location of the tank as well as nearby streets is shown on the attached Figure 2.

3. TANK REMOVAL

Golden Gate Tank Removal, Inc. (GGTR) applied for and obtained permits for the tank removal activities from the City of Oakland Fire Department (OFD) and City of Oakland Planning and Building (OPB) in January 2015. A copy of each agency permit is included as an attachment.

On January 26, 2015, GGTR mobilized its equipment and began work on the project. The concrete and overburden soil covering the tank was removed and stockpiled on plastic sheeting adjacent to the tank excavation. Field measurements indicated that the bottom of the tank was 11 feet below grade. The subsurface product and vent piping extending between the top of the tank and the sidewalk fill port was cut at each end, drained of any residual product and removed. The exposed vent piping was also removed.

As part of the removal operations, GGTR contracted NRC Environmental Services to pump the residual product from the tank and piping into a vacuum tanker truck. GGTR then washed the interior of the tank with 180-degree water using a 3,000-psi pressure washer. A non-toxic enzyme was used to break down thick oil deposits. After a third washing, NRC, on January 28, 2015, transported the Non-RCRA Hazardous Waste Liquid (totaling 695 Gallons) under Uniform Hazardous Waste Manifest No. 012319311JJK to the Riverbank Oil Transfer, LLC. facility in Riverbank, California. A copy of the liquid manifest is included as an attachment.

On January 29, 2015, OFD Inspector Sheryl Skillern tested the lower explosive limit (LEL) and oxygen (O_2) levels within the tank with a Cannonball 3 combustible gas meter. The LEL and O_2 levels were 0% and 21.07%, respectively. Inspector Skillern approved tank cutting prior to removal. To facilitate its removal from the excavation, the tank was cut into sections using acetylene and oxygen cutting torches.

January 30, 2015, as directed by OFD Inspector Sheryl Skillern, GGTR removed the tank sections from the excavation. After a visual inspection, the tank sections were loaded into a truck and transported as scrap metal to Circosta Iron & Metal, Inc. in San Francisco, California. A copy of the Certificate of Disposal and Circosta Scrap Metal Recycling Receipt is attached. Figure 3 depicts photographs of the tank removal activities.

4. TANK AND SOIL CONDITION

The tank was found to be in poor condition with at least one visible hole. No soil discoloration or hydrocarbon odors were observed in the tank overburden soil and the soil beneath the tank. Soil

observed during the UST removal was predominantly clay. Groundwater was observed in the excavation immediately following tank removal activities at approximately 11 feet below grade (fbg; sidewalk surface). An Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report was required by the OFD due to the presence of holes in the tank. A copy of this report is included as an attachment.

5. TANK SAMPLING & ANALYSIS

On January 30, 2015, under the direction of Sheryl Skillern of the OFD, GGTR collected one four-point composite sample from the stockpiled overburden soil, one groundwater sample and two discrete confirmation soil samples from the excavation below the tank bottom. The stockpile composite sample was labeled 9485-SP, the groundwater sample was labeled 9485-W and the discrete confirmation samples collected 2 feet below the north and south ends of the tank bottom at approximately 13 fbg, respectively, were labeled 9485-N and 9485-S.

All samples were analyzed for Total Petroleum Hydrocarbons (TPH) as TPH (C10-C28) by EPA Method SW846 8015B M, Benzene, Toluene, Ethyl Benzene, Total Xylenes (BTEX), and Naphthalene by EPA Method SW846 8260B. Additionally, the stockpiled overburden was analyzed for Total Lead by Method SW846 6010B. A summary of the analytical results is included in the Table provided by Accutest Northern California, Inc. and a copy of the laboratory certificate of analysis and chain of custody form is included as an attachment.

6. GROUNDWATER RE-SAMPLING & ANALYSIS

On February 26, 2015, GGTR, returned to the site to perform groundwater re-sampling activities and backfilling of the UST excavation. GGTR initially measured the depth to groundwater and total depth of the excavation at approximately 6 and 9.5 fbg, respectively. Based on the existing excavation dimensions and a 3.5-feet thickness of groundwater in the excavation, approximately 1,500 gallons of groundwater remained in the excavation.

GGTR contracted Big Sky Environmental Solutions (Big Sky) for pumping, transport & disposal of the excavation groundwater. Big Sky pumped the groundwater from the tank cavity and transported the Non-Hazardous Waste Liquid (1470 Gallons) under Uniform Hazardous Waste Manifest No. 013986119JJK to the DK Dixon facility in Dixon California. A copy of the liquid manifest is included as an attachment.

Following adequate groundwater recharge, GGTR collected a grab sample directly from the surface of the groundwater, the depth of which was measured prior to sampling at 10 fbg. The grab groundwater sample was labeled 9485-GW. The groundwater sample was analyzed for Total Petroleum Hydrocarbons (TPH) as TPH (C10-C28) and TPH (>C28-C40) by EPA Method SW846 8015B M, TPH-GRO & VOA 8260 List by EPA Method SW846 8260B and also BN PAH List by EP Method SW846 8270C. A summary of the analytical results is included in the Table provided by Accutest Northern California, Inc. A copy of the laboratory certificate of analysis and chain of custody form is included as an attachment.

7. SITE RESTORATION

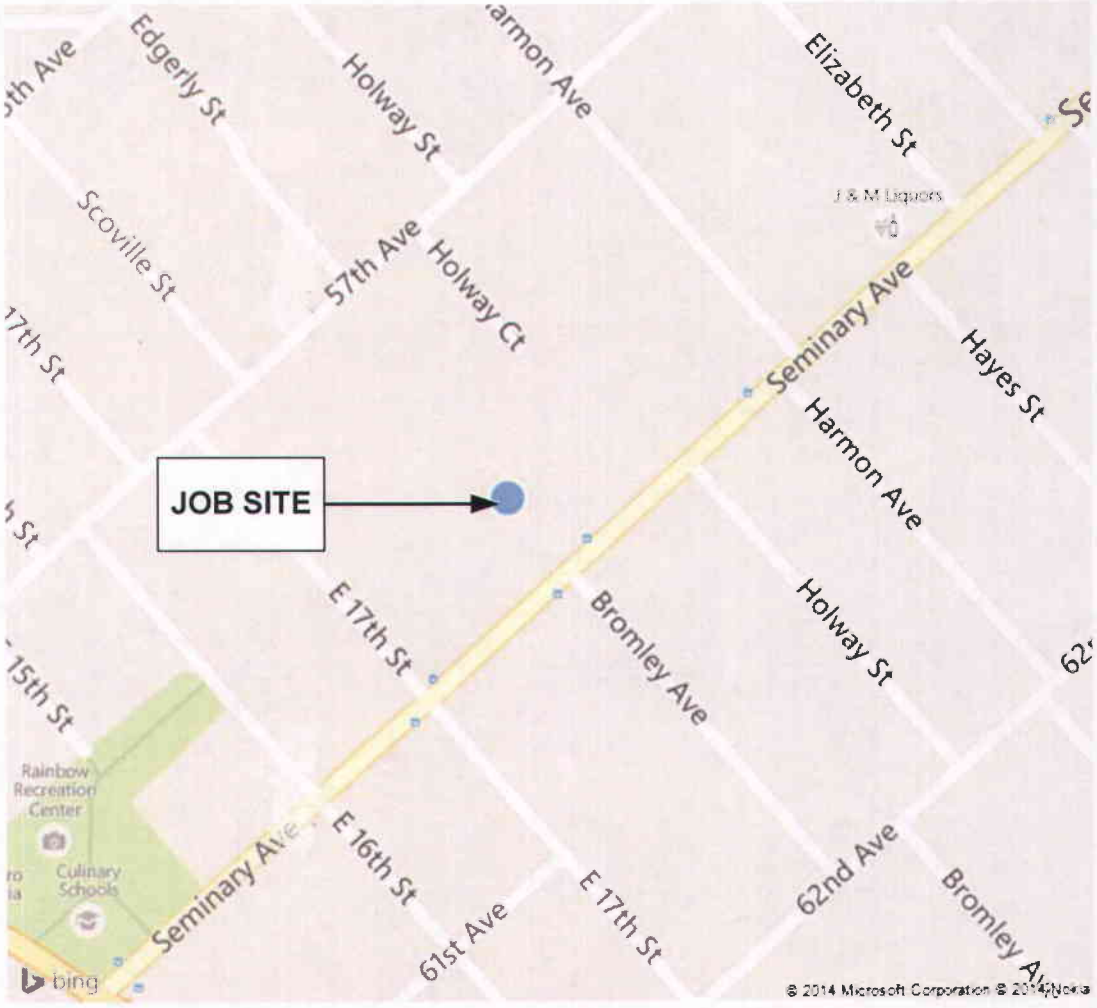
As approved by the Alameda County Department of Environmental Health (ACDEH; Mr. Chris Tougeron) in an email dated February 17, 2015, GGTR, on February 26, 2015, backfilled the excavation with the stockpiled overburden soil and approximately 10 yards of clean import material. The soil was placed in 12" lifts and compacted using a jumping jack compactor. The sidewalk was subsequently replaced in conformance with OPB requirements.

8. FINDINGS / RECOMMENDATION

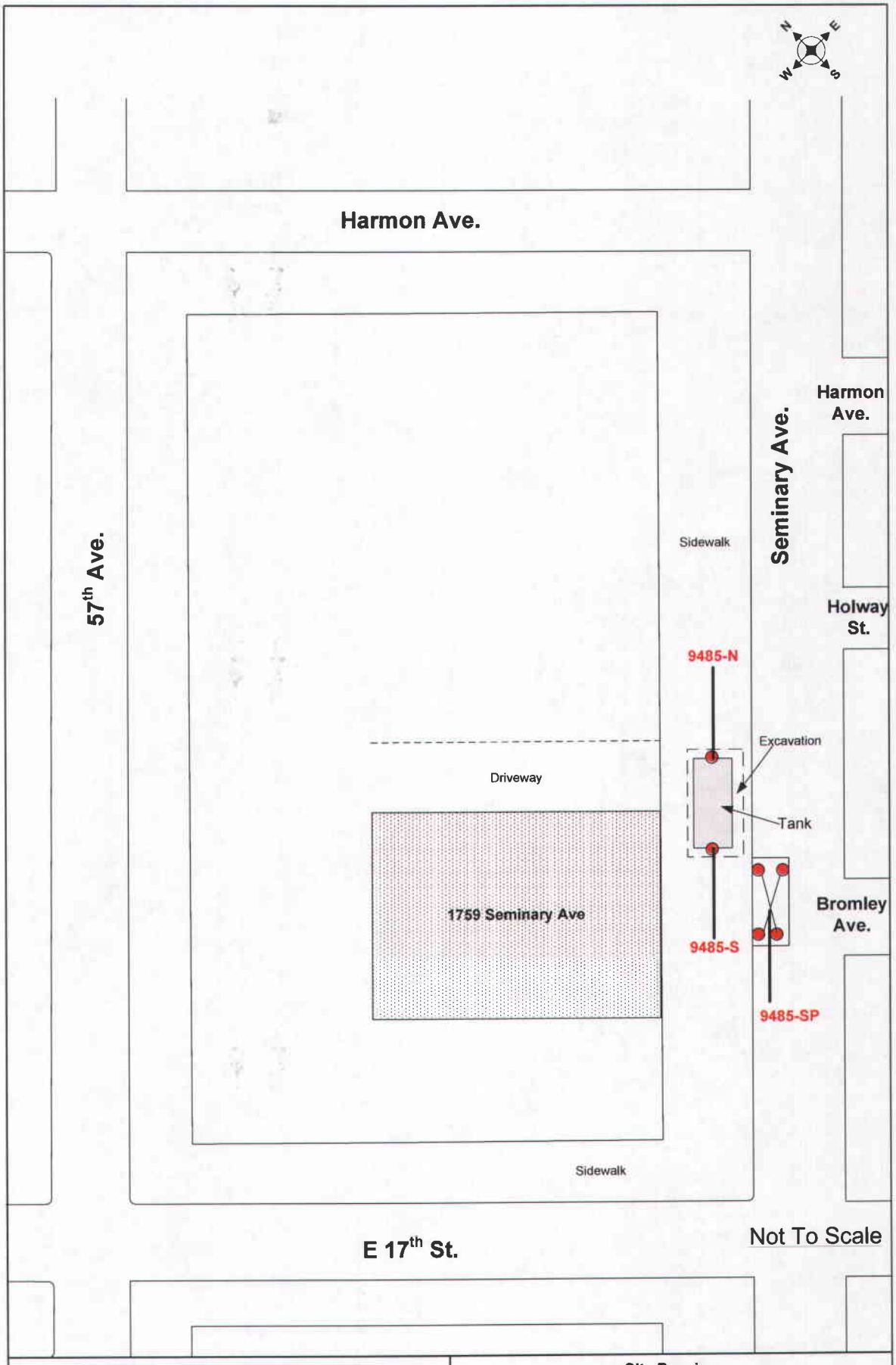
There were visible holes in the tank. The contents of the tank were disposed of according to all applicable regulations. There was no visual evidence of contamination in the stockpiled overburden and soil beneath the tank. The soil sample analytical results from the State-certified laboratory following tank removal were non-detect to insignificant and below applicable Environmental Screening Levels.

The grab sample collected from the surface of the groundwater encountered in the excavation contained an elevated concentration of TPH as diesel fuel. The groundwater in the excavation was subsequently pumped and re-sampled, and the analytical results from the State Certified Laboratory showed that elevated TPH as diesel fuel above its applicable Environmental Screening Level remains in the groundwater in the direct vicinity of the former UST. If warranted, any additional subsurface environmental investigation or corrective action associated with the former UST will be directed by the ACDEH.

FIGURES



GOLDEN GATE TANK REMOVAL, INC. 1480 Carroll Avenue San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964		**VICINITY MAP** 1759 Seminary Avenue Oakland, CA 94612	
GGTR Project No.9485	*Drawing By: AC*	January 2015	***Figure 1***



GOLDEN GATE TANK REMOVAL, INC. 1480 Carroll Avenue, San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964	**Site Drawing** 1759 Seminary Avenue Oakland, CA 94612
GGTR Project No. 9485 / *Drawing By: AC*	*March 2015* / *Figure 2*

TANK REMOVAL IN PROCESS

TANK SECTIONS READY TO BE TRANSPORTED FOR DISPOSAL

GOLDEN GATE TANK REMOVAL, INC. 1480 Carroll Avenue San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964	**UST REMOVAL** 1759 Seminary Avenue Oakland, CA 94612

GGTR Project No. 9485	*Drawing By: AC*	March 2015	***Figure 3***

TABLE

Accutest Northern California,Inc.				Feb 02, 2015 16:52 pm
Job Number:	C38295			
Account:	Golden Gate Tank Removal			
Project:	1759 Seminary Avenue - Oakland, CA			
Project Number:	9485			
			Legend:	Hit
Client Sample ID:		9485-W		
Lab Sample ID:		C38295-4		
Date Sampled:		01/30/2015		
Matrix:		Water		
GC Semi-volatiles (SW846 8015B M)				
TPH (C10-C28)	mg/l	12.8		
Client Sample ID:		9485-N	9485-S	9485-SP
Lab Sample ID:		C38295-1	C38295-2	C38295-3
Date Sampled:		01/30/2015	01/30/2015	01/30/2015
Matrix:		Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)				
Benzene	ug/kg	ND (0.50)	ND (83)	ND (20)
Toluene	ug/kg	ND (0.50)	ND (83)	ND (20)
Ethylbenzene	ug/kg	ND (0.50)	ND (83)	ND (20)
Xylene (total)	ug/kg	ND (1.0)	ND (170)	ND (41)
Naphthalene	ug/kg	ND (1.0)	ND (170)	ND (41)
GC Semi-volatiles (SW846 8015B M)				
TPH (C10-C28)	mg/kg	4.84	39.9	14.0
Metals Analysis				
Lead	mg/kg	-	-	11.3

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Accutest Northern California,Inc.		Mar 11, 2015 17:05 pm
Job Number:		C38295R
Account:		Golden Gate Tank Removal
Project:		1759 Seminary Avenue - Oakland, CA
Project Number:		9485
	Legend:	Hit
Client Sample ID:		9485-W
Lab Sample ID:		C38295-4R
Date Sampled:		1/30/2015
Matrix:		Water
GC/MS Volatiles (SW846 8260B)		
Benzene	ug/l	ND (0.20)
Toluene	ug/l	ND (0.20)
Ethylbenzene	ug/l	ND (0.20)
Xylene (total)	ug/l	ND (0.46)
Naphthalene	ug/l	0.74 J

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Accutest Northern California,Inc.		**Mar 05, 2015 15:38 pm**
Job Number:		**C38706**
Account:		**Golden Gate Tank Removal**
Project:		**1759 Seminary Avenue - Oakland, CA**
Project Number:		**9485**
	Legend:	**Hit**
Client Sample ID:		**9485-GW**
Lab Sample ID:		**C38706-1**
Date Sampled:		**02/26/2015**
Matrix:		**Ground Water**
GC/MS Volatiles (SW846 8260B)		
Acetone	ug/l	5.5 J
Benzene	ug/l	ND (0.20)
Bromobenzene	ug/l	ND (0.20)
Bromochloromethane	ug/l	ND (0.20)
Bromodichloromethane	ug/l	ND (0.20)
Bromoform	ug/l	ND (0.22)
n-Butylbenzene	ug/l	ND (0.20)
sec-Butylbenzene	ug/l	ND (0.20)
tert-Butylbenzene	ug/l	ND (0.28)
Chlorobenzene	ug/l	ND (0.20)
Chloroethane	ug/l	ND (0.20)
Chloroform	ug/l	0.29 J
o-Chlorotoluene	ug/l	ND (0.20)
p-Chlorotoluene	ug/l	ND (0.26)
Carbon tetrachloride	ug/l	ND (0.20)
1,1-Dichloroethane	ug/l	ND (0.20)
1,1-Dichloroethylene	ug/l	ND (0.20)
1,1-Dichloropropene	ug/l	ND (0.20)
1,2-Dibromo-3-chloropropane	ug/l	ND (0.40)
1,2-Dibromoethane	ug/l	ND (0.20)
1,2-Dichloroethane	ug/l	ND (0.20)
1,2-Dichloropropane	ug/l	ND (0.20)
1,3-Dichloropropane	ug/l	ND (0.20)
Di-Isopropyl ether	ug/l	ND (0.22)
2,2-Dichloropropane	ug/l	ND (0.20)
Dibromochloromethane	ug/l	ND (0.20)
Dichlorodifluoromethane	ug/l	ND (0.20)

cis-1,2-Dichloroethylene	ug/l	ND (0.20)
cis-1,3-Dichloropropene	ug/l	ND (0.20)
m-Dichlorobenzene	ug/l	ND (0.20)
o-Dichlorobenzene	ug/l	ND (0.20)
p-Dichlorobenzene	ug/l	ND (0.20)
trans-1,2-Dichloroethylene	ug/l	ND (0.20)
trans-1,3-Dichloropropene	ug/l	ND (0.30)
Ethylbenzene	ug/l	ND (0.20)
Ethyl Tert Butyl Ether	ug/l	ND (0.22)
2-Hexanone	ug/l	ND (2.0)
Hexachlorobutadiene	ug/l	ND (0.20)
Isopropylbenzene	ug/l	ND (0.20)
p-Isopropyltoluene	ug/l	0.31 J
4-Methyl-2-pentanone	ug/l	ND (1.0)
Methyl bromide	ug/l	ND (0.20)
Methyl chloride	ug/l	ND (0.30)
Methylene bromide	ug/l	ND (0.20)
Methylene chloride	ug/l	ND (2.0)
Methyl ethyl ketone	ug/l	ND (2.0)
Methyl Tert Butyl Ether	ug/l	ND (0.20)
Naphthalene	ug/l	ND (0.50)
n-Propylbenzene	ug/l	ND (0.20)
Styrene	ug/l	ND (0.20)
Tert-Amyl Methyl Ether	ug/l	ND (0.40)
Tert-Butyl Alcohol	ug/l	ND (2.4)
1,1,1,2-Tetrachloroethane	ug/l	ND (0.30)
1,1,1-Trichloroethane	ug/l	ND (0.20)
1,1,2,2-Tetrachloroethane	ug/l	ND (0.20)
1,1,2-Trichloroethane	ug/l	ND (0.22)
1,2,3-Trichlorobenzene	ug/l	ND (0.20)
1,2,3-Trichloropropane	ug/l	ND (0.20)
1,2,4-Trichlorobenzene	ug/l	ND (0.20)
1,2,4-Trimethylbenzene	ug/l	ND (0.20)
1,3,5-Trimethylbenzene	ug/l	ND (0.20)
Tetrachloroethylene	ug/l	ND (0.30)
Toluene	ug/l	10.7
Trichloroethylene	ug/l	ND (0.20)
Trichlorofluoromethane	ug/l	ND (0.20)
Vinyl chloride	ug/l	ND (0.20)
Xylene (total)	ug/l	ND (0.46)
TPH-GRO (C6-C10)	ug/l	34.6 J
GC/MS Semi-volatiles (SW846 8270C BY SIM)		

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Acenaphthene	ug/l	ND (0.50)
Acenaphthylene	ug/l	ND (0.50)
Anthracene	ug/l	ND (0.50)
Benzo(a)anthracene	ug/l	ND (0.53)
Benzo(a)pyrene	ug/l	ND (0.41)
Benzo(b)fluoranthene	ug/l	ND (0.35)
Benzo(g,h,i)perylene	ug/l	ND (0.36)
Benzo(k)fluoranthene	ug/l	ND (0.39)
Chrysene	ug/l	0.65 J
Dibenzo(a,h)anthracene	ug/l	ND (0.35)
Fluoranthene	ug/l	ND (0.50)
Fluorene	ug/l	2.2 J
Indeno(1,2,3-cd)pyrene	ug/l	ND (0.35)
1-Methylnaphthalene	ug/l	ND (1.0)
2-Methylnaphthalene	ug/l	ND (1.0)
Naphthalene	ug/l	ND (1.0)
Phenanthrene	ug/l	3.8 J
Pyrene	ug/l	0.81 J
GC Semi-volatiles (SW846 8015B M)		
TPH (C10-C28)	mg/l	17.7
TPH (>C28-C40)	mg/l	1.67 J

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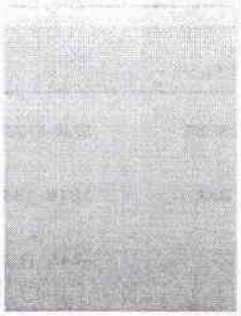
General Engineering Contractors License No. 616521

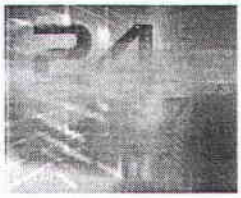
ATTACHMENTS

ANALYTICAL REPORT
CERTIFICATE OF TANK DISPOSAL
SCRAP METAL RECYCLING RECEIPT
LIQUID WASTE MANIFESTS
UST UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION REPORT
HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
PERMITS

Northern California
ACCUTEST
LABORATORIES

02/02/15





Technical Report for

Golden Gate Tank Removal

1759 Seminary Avenue - Oakland, CA

9485

Accutest Job Number: C38295

Sampling Date: 01/30/15

Report to:

Golden Gate Tank Removal
1455 Yosemite Avenue
San Francisco, CA 94124
Data@ggtr.com; b.wheeler@ggtr.com;
annettechen@ggtr.com; tim@ggtr.com;
ATTN: Tim Hallen

Total number of pages in report: **30**

NELAP ACCREDITED TNI LABORATORY

James J. Rhudy
Lab Director

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Client Service contact: Tony Vega 408-588-0200

Certifications: CA (ELAP 2910) AK (UST-092) AZ (AZ0762) NV (CA00150) OR (CA300006) WA (C925) DoD ELAP (L-A-B L2242)

Sections: 1 2 3 4 5 6 7

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Sample Summary

Golden Gate Tank Removal

Job No: C38295

1759 Seminary Avenue - Oakland, CA
Project No: 9485

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C38295-1	01/30/15	10:30 AM		01/30/15	SO	Soil	9485-N
C38295-2	01/30/15	10:35 AM		01/30/15	SO	Soil	9485-S
C38295-3	01/30/15	10:45 AM		01/30/15	SO	Soil	9485-SP
C38295-4	01/30/15	00:00 AM		01/30/15	AQ	Water	9485-W

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: C38295
Account: Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA
Collected: 01/30/15

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C38295-1	9485-N					
TPH (C10-C28)		4.84	3.3	0.83	mg/kg	SW846 8015B M
C38295-2	9485-S					
TPH (C10-C28)		39.9	3.3	0.83	mg/kg	SW846 8015B M
C38295-3	9485-SP					
TPH (C10-C28)		14.0	6.6	1.7	mg/kg	SW846 8015B M
Lead		11.3	1.7		mg/kg	SW846 6010B
C38295-4	9485-W					
TPH (C10-C28)		12.8	1.0	0.25	mg/l	SW846 8015B M

Northern California
ACCUTEST
LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-N		
Lab Sample ID:	C38295-1	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L38806.D	1	01/30/15	XB	n/a	n/a	VL1170
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-N		
Lab Sample ID:	C38295-1	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
Method:	SW846 8015B M SW846 3550B	Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH320430.D	1	02/02/15	AG	01/30/15	OP11642	GHH1449
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	4.84	3.3	0.83	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	89%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-S		
Lab Sample ID:	C38295-2	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	L38813.D	1	01/30/15	XB	n/a	n/a	VL1170
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.50 g	5.0 ml	20.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	830	83	ug/kg	
108-88-3	Toluene	ND	830	83	ug/kg	
100-41-4	Ethylbenzene	ND	830	83	ug/kg	
1330-20-7	Xylene (total)	ND	1700	170	ug/kg	
91-20-3	Naphthalene	ND	830	170	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

(a) All results reported on a wet weight basis.
(b) Dilution required due to high concentration of non-target hydrocarbons.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-S		
Lab Sample ID:	C38295-2	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
Method:	SW846 8015B M SW846 3550B	Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH320431.D	1	02/02/15	AG	01/30/15	OP11642	GHH1449
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	39.9	3.3	0.83	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	88%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9485-SP		
Lab Sample ID:	C38295-3	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	L38807.D	1	01/30/15	XB	n/a	n/a	VL1170
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.12 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	200	20	ug/kg	
108-88-3	Toluene	ND	200	20	ug/kg	
100-41-4	Ethylbenzene	ND	200	20	ug/kg	
1330-20-7	Xylene (total)	ND	410	41	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) All results reported on a wet weight basis.
(b) 4:1 composite.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9485-SP		
Lab Sample ID:	C38295-3	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
Method:	SW846 8015B M SW846 3550B	Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH320432.D	2	02/02/15	AG	01/30/15	OP11642	GHH1449
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	14.0	6.6	1.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	72%		37-122%

(a) All results reported on a wet weight basis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-SP		
Lab Sample ID:	C38295-3	Date Sampled:	01/30/15
Matrix:	SO - Soil	Date Received:	01/30/15
		Percent Solids:	n/a [a]
Project:	1759 Seminary Avenue - Oakland, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	11.3	1.7	mg/kg	1	02/02/15	02/02/15	RS	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA4587
(2) Prep QC Batch: MP9059

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-W		
Lab Sample ID:	C38295-4	Date Sampled:	01/30/15
Matrix:	AQ - Water	Date Received:	01/30/15
Method:	SW846 8015B M SW846 3510C	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG57080.D	10	02/02/15	NN	01/30/15	OP11635	GGG1652
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	12.8	1.0	0.25	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	90%		32-124%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest NC Job #: C C38295

Client / Reporting Information

Company Name: Golden Gate Tank Removal, Inc
Address: 1480 Carroll Ave.
City: San Francisco State: CA Zip: 94124
Project Contact: Tim Hallen
Phone #: 415-512-1555
Samplers's Name:

Project Information

Project Name:
Street: 1759 Seminary Ave
City: Oakland State: CA
Project #: 9485
EMAIL: tchen@ggtr.com
Client Purchase Order #:

Requested Analysis: TPHD | BTEX | NAPHTHALENE | TOTAL LEAD

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	TPHD	BTEX	NAPHTHALENE	TOTAL LEAD	Comments
1	9485-N	1-30-15	10:30 AM		soil	1	X	X	X		
2	9485-S	=	10:35 AM		soil	1	X	X	X		
3	9485-SP	=	10:45		soil	4	X	X	X	X	4:1 comp
4	9485-RW	=			Water	4/30	X	X	X		

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

LAB USE ONLY

Turnaround Time (Business days): 10 Day / 5 Day / 3 Day / 2 Day / 1 Day / Same Day — Approved By / Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information: Commercial "A" - Results only; Commercial "B" - Results with QC summaries; Commerical "B+" - Results, QC, and chromatograms; FULT1 - Level 4 data package; EDF for Geotracker; EDD Format ____; Provide EDF Global ID: ____; Provide EDF Logcode: ____

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	1/30/15	1 [signature]	2 [signature]	1-30-15 14:24	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. Y/N; Labels match Coc? Y / N; Headspace Y/N; On Ice Y/N; Separate Receiving Check List used: Y / N	Cooler Temp. 5.7 °C

4.1

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C38295: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C38295 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 1759 SEMINARY AVENUE

Date / Time Received: 1/30/2015 2:24:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (5.7/5.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☐		☑	3. COC Present:	☑		☐
2. Custody Seals Intact:	☐		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR2;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☐		☑
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☑		☐	☐
5. Filtering instructions clear:	☐		☐	☑

Comments subsampled from the amber into 2x 40ml HCL VOC's for BTEX & NAP

Accutest Laboratories
V:408.588.0200

2105 Lundy Avenue
F: 408.588.0201

San Jose, CA 95131
www.accutest.com

4.1 4

C38295: Chain of Custody
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ACCUTEST LABORATORIES

Sample Receipt Summary - Problem Resolution

Accutest Job Number: C38295

CSR: Tony Vega **Response Date:** 1/30/2015

Response: Client confirmed to only analyze C38295-4 (9485-W) for TPH-Diesel.

4.1 4

Accutest Laboratories
V:408.588.0200

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F: 408.588.0201

San Jose, CA 95131
www/accutest.com

C38295: Chain of Custody
Page 3 of 3

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C38295
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1170-MB	L38795.D	1	01/30/15	XB	n/a	n/a	VL1170

The QC reported here applies to the following samples: Method: SW846 8260B

C38295-1, C38295-2, C38295-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38295
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1170-BS	L38791.D	1	01/30/15	XB	n/a	n/a	VL1170
VL1170-BSD	L38793.D	1	01/30/15	XB	n/a	n/a	VL1170

The QC reported here applies to the following samples: Method: SW846 8260B

C38295-1, C38295-2, C38295-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	44.0	110	39.7	99	10	81-119/20
100-41-4	Ethylbenzene	40	41.6	104	36.7	92	13	80-119/21
91-20-3	Naphthalene	40	36.5	91	33.5	84	9	78-125/23
108-88-3	Toluene	40	41.5	104	37.0	93	11	80-117/21
1330-20-7	Xylene (total)	120	125	104	110	92	13	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	98%	98%	70-130%
2037-26-5	Toluene-D8	96%	96%	70-130%
460-00-4	4-Bromofluorobenzene	101%	100%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C38295
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C38287-1MS	L38811.D	1	01/30/15	XB	n/a	n/a	VL1170
C38287-1MSD	L38812.D	1	01/30/15	XB	n/a	n/a	VL1170
C38287-1	L38805.D	1	01/30/15	XB	n/a	n/a	VL1170

The QC reported here applies to the following samples: Method: SW846 8260B

C38295-1, C38295-2, C38295-3

CAS No.	Compound	C38287-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	5.0 U		39.3	34.7	88	40	34.8	87	0	81-119/20
100-41-4	Ethylbenzene	5.0 U		39.3	31.2	79* [a]	40	31.0	78* [a]	1	80-119/21
91-20-3	Naphthalene	5.0 U		39.3	28.0	71* [a]	40	27.2	68* [a]	3	78-125/23
108-88-3	Toluene	0.52	J	39.3	32.4	81	40	32.2	79* [a]	1	80-117/21
1330-20-7	Xylene (total)	9.9 U		118	92.9	79* [a]	120	92.8	77* [a]	0	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C38287-1	Limits
1868-53-7	Dibromofluoromethane	74%	98%	86%	70-130%
2037-26-5	Toluene-D8	95%	95%	96%	70-130%
460-00-4	4-Bromofluorobenzene	102%	102%	98%	70-130%

(a) Outside laboratory control limits.

* = Outside of Control Limits.

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C38295
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11642-MB	HH320429.D	1	02/02/15	AG	01/30/15	OP11642	GHH1449

The QC reported here applies to the following samples: Method: SW846 8015B M

C38295-1, C38295-2, C38295-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	3.3	0.83	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	88%	37-122%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38295
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11642-BS	HH320427.D	1	02/02/15	AG	01/30/15	OP11642	GHH1449
OP11642-BSD	HH320428.D	1	02/02/15	AG	01/30/15	OP11642	GHH1449

The QC reported here applies to the following samples: Method: SW846 8015B M

C38295-1, C38295-2, C38295-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	28.9	87	28.5	86	1	39-102/29

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	79%	76%	37-122%

* = Outside of Control Limits.

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Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C38295
Account: GGTRCASF - Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

QC Batch ID: MP9059
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.3	2		
Antimony	2.0	.07	.087		
Arsenic	2.0	.07	.07		
Barium	20	.04	.035		
Beryllium	1.0	.02	.012		
Boron	10	.09	.2		
Cadmium	1.0	.02	.015		
Calcium	500	.71	7.6		
Chromium	1.0	.03	.054		
Cobalt	1.0	.02	.022		
Copper	2.5	.12	.19		
Iron	20	.64	1.6		
Lead	2.0	.07	.054	0.21	<2.0
Magnesium	500	2.7	1.5		
Manganese	1.5	.01	.054		
Molybdenum	2.0	.02	.024		
Nickel	1.0	.02	.024		
Potassium	1000	1.8	1.3		
Selenium	2.0	.18	.23		
Silicon		.12			
Silver	1.0	.03	.044		
Sodium	1000	1.5	4.8		
Strontium	1.0	.02	.017		
Thallium	2.0	.05	.073		
Tin	50	.02	.41		
Titanium	1.0	.04	.079		
Vanadium	1.0	.03	.025		
Zinc	2.0	.03	.098		

Associated samples MP9059: C38295-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C38295
Account: GGTRCASF - Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

QC Batch ID: MP9059
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 02/02/15

Metal	C38011-1R Original MS		Spikelot MPIR5	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	anr				
Barium	anr				
Beryllium					
Boron					
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt					
Copper					
Iron					
Lead	7.7	55.7	53.1	90.4	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP9059: C38295-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C38295
Account: GGTRCASF - Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

QC Batch ID: MP9059
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 02/02/15

Metal	C38011-1R Original	MSD	Spikelot MPIR5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium	anr					
Beryllium						
Boron						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron						
Lead	7.7	57.4	54.1	91.8	3.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	anr					
Silicon						
Silver	anr					
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP9059: C38295-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C38295
Account: GGTRCASF - Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

QC Batch ID: MP9059
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 02/02/15

Metal	BSP Result	Spikelot MPIR5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	anr			
Beryllium				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	45.4	50	90.8	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP9059: C38295-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C38295
Account: GGTRCASF - Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

QC Batch ID: MP9059
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 02/02/15

Metal	C38011-1R Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	anr			
Beryllium				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	72.8	82.1	12.8*(a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP9059: C38295-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

Northern California
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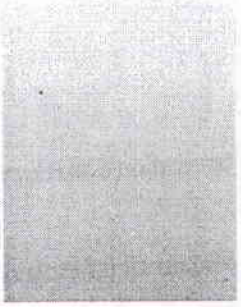
02/04/15



Technical Report for

Golden Gate Tank Removal

1759 Seminary Avenue - Oakland, CA

9485

Accutest Job Number: C38295R

Sampling Date: 01/30/15

Report to:

Golden Gate Tank Removal
1455 Yosemite Avenue
San Francisco, CA 94124
Data@ggtr.com; b.wheeler@ggtr.com;
annettechen@ggtr.com; tim@ggtr.com;
ATTN: Tim Hallen

Total number of pages in report: **15**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

James J. Rhudy
Lab Director

Client Service contact: Tony Vega 408-588-0200

Certifications: CA (ELAP 2910) AK (UST-092) AZ (AZ0762) NV (CA00150) OR (CA300006) WA (C925) DoD ELAP (L-A-B L2242)

Sections: 1 2 3 4 5

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Sample Summary

Golden Gate Tank Removal

Job No: C38295R

1759 Seminary Avenue - Oakland, CA
Project No: 9485

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C38295-4R	01/30/15	00:00 AM		01/30/15	AQ	Water	9485-W

Summary of Hits

Job Number: C38295R
Account: Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA
Collected: 01/30/15

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C38295-4R	9485-W					
Naphthalene		0.74 J	5.0	0.50	ug/l	SW846 8260B

Northern California
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LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	9485-W		
Lab Sample ID:	C38295-4R	Date Sampled:	01/30/15
Matrix:	AQ - Water	Date Received:	01/30/15
Method:	SW846 8260B	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q26994.D	1	02/03/15	EA	n/a	n/a	VQ1166
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
91-20-3	Naphthalene	0.74	5.0	0.50	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C38295

Client / Reporting Information

Company Name: Golden Gate Tank Removal, Inc
Address: 1480 Carroll Ave.
City / State / Zip: San Francisco CA. 94124
Project Contact: Tim Hallen
Phone #: 415-512-1555
Sampler's Name:

Project Information

Project Name:
Street: 1759 Seminary Ave.
City / State: Oakland CA.
Project #: 9485
EMAIL: thallen@ggtr.com
Client Purchase Order #:

Requested Analysis

TPHD
BTEX
NAPHTHALENE
TOTAL LEAD

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles	TPHD	BTEX	NAPHTHALENE	TOTAL LEAD	LAB USE ONLY
1	9485-N	1-30-15	10:30	AM	soil	1		X	X	X		
2	9485-S	"	10:35	AM	soil	1						
3	9485-SP	"	10:45		soil	4		X	X	X	X	4 vials
4	9485-GW	"			H2O	11		X	X	X		

Turnaround Time (Business days)

Approved By/ Date:

- 10 Day
- 5 Day
- 3 Day
- 2 Day
- 1 Day
- Same Day

Emergency T/A data available VIA Labtink

Data Deliverable Information

- Commercial "A" - Results only
- Commercial "B" - Results with QC summaries
- Commercial "B+" - Results, QC, and chromatograms
- FULTI - Level 4 data package
- EDF for Geotracker — EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1/30/15		2	1-30-15 14:24	
3			3	4		4
5			5	Custody Seal #		

Appropriate Bottle / Pres. Y / N | Headspace Y / N | On Ice Y / N | Cooler Temp. 5.7 °C
Labels match COC? Y / N | Separate Receiving Check List used: Y / N

C38295R: Chain of Custody
Page 1 of 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C38295 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 1759 SEMINARY AVENUE

Date / Time Received: 1/30/2015 2:24:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (5.7/5.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☐		☑	3. COC Present:	☑		☐
2. Custody Seals Intact:	☐		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR2;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☐		☑
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☑		☐	☐
5. Filtering instructions clear:	☐		☐	☑

Comments subsampled from the amber into 2x 40ml HCL VOC's for BTEX & NAP

Accutest Laboratories
V:408.588.0200

2105 Lundy Avenue
F: 408.588.0201

San Jose, CA 95131
www/accutest.com

C38295R: Chain of Custody
Page 2 of 4

ACCUTEST LABORATORIES

Sample Receipt Summary - Problem Resolution

Accutest Job Number: C38295

CSR: Tony Vega **Response Date:** 1/30/2015

Response: Client confirmed to only analyze C38295-4 (9485-W) for TPH-Diesel.

4.1 4

Accutest Laboratories
V:408.588.0200

2105 Lundy Avenue
F: 408.588.0201

San Jose, CA 95131
www/accutest.com

C38295R: Chain of Custody
Page 3 of 4

Job Change Order: C38295_2_3_2015

Requested Date:	2/3/2015	**Received Date:**	1/30/2015
Account Name:	Golden Gate Tank Removal	**Due Date:**	2/2/2015
Project	1759 Seminary Avenue - Oakland, CA	**Deliverable:**	COMMB
CSR:	tonyv		

Sample #: C38295-4

Change: Client requested have C38295-4 analyzed for BTEX and Naphthalene by 8260B on a 1 day rush.

Dept:

TAT (Days): 1

Client ID: 9485-W

Above Changes Per: Client

Date: 2/3/2015

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

Page 1 of 1

C38295R: Chain of Custody
Page 4 of 4

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C38295R
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ1166-MB	Q26981.D	1	02/03/15	EA	n/a	n/a	VQ1166

The QC reported here applies to the following samples: Method: SW846 8260B

C38295-4R

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38295R
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ1166-BS	Q26978.D	1	02/03/15	EA	n/a	n/a	VQ1166
VQ1166-BSD	Q26979.D	1	02/03/15	EA	n/a	n/a	VQ1166

The QC reported here applies to the following samples: Method: SW846 8260B

C38295-4R

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits. Rec/RPD
71-43-2	Benzene	20	18.0	90	17.9	90	1	77-122/25
100-41-4	Ethylbenzene	20	18.4	92	18.5	93	1	76-126/17
91-20-3	Naphthalene	20	16.6	83	16.4	82	1	70-136/20
108-88-3	Toluene	20	18.4	92	18.5	93	1	75-122/17
1330-20-7	Xylene (total)	60	56.6	94	56.8	95	0	77-125/17

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	94%	94%	70-130%
2037-26-5	Toluene-D8	97%	98%	70-130%
460-00-4	4-Bromofluorobenzene	95%	96%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C38295R
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C38188-5MS	Q26996.D	1	02/03/15	EA	n/a	n/a	VQ1166
C38188-5MSD	Q26997.D	1	02/03/15	EA	n/a	n/a	VQ1166
C38188-5	Q26985.D	1	02/03/15	EA	n/a	n/a	VQ1166

The QC reported here applies to the following samples: Method: SW846 8260B

C38295-4R

CAS No.	Compound	C38188-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.9	100	20	20.8	104	4	77-122/16
100-41-4	Ethylbenzene	0.24	J	20	19.4	96	20	20.1	99	4	76-126/17
91-20-3	Naphthalene	ND		20	14.9	75	20	15.7	79	5	70-136/20
108-88-3	Toluene	ND		20	18.7	94	20	19.7	99	5	75-122/17
1330-20-7	Xylene (total)	ND		60	52.5	88	60	54.7	91	4	77-125/17

CAS No.	Surrogate Recoveries	MS	MSD	C38188-5	Limits
1868-53-7	Dibromofluoromethane	99%	99%	98%	70-130%
2037-26-5	Toluene-D8	95%	97%	94%	70-130%
460-00-4	4-Bromofluorobenzene	99%	98%	92%	70-130%

* = Outside of Control Limits.

Northern California
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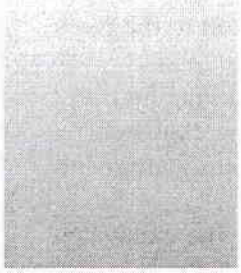
LABORATORIES

03/05/15



Technical Report for

Golden Gate Tank Removal

1759 Seminary Avenue - Oakland, CA

9485

Accutest Job Number: C38706

Sampling Date: 02/26/15

Report to:

Golden Gate Tank Removal
1455 Yosemite Avenue
San Francisco, CA 94124
Data@ggtr.com; b.wheeler@ggtr.com;
annettechen@ggtr.com; tim@ggtr.com;
ATTN: Tim Hallen

Total number of pages in report: **31**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

James J. Rhudy
Lab Director

Client Service contact: Tony Vega 408-588-0200

Certifications: CA (ELAP 2910) AK (UST-092) AZ (AZ0762) NV (CA00150) OR (CA300006) WA (C925) DoD ELAP (L-A-B L2242)

Sections: 1 2 3 4 5 6 7

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Accutest Laboratories

Sample Summary

Golden Gate Tank Removal

Job No: C38706

1759 Seminary Avenue - Oakland, CA
Project No: 9485

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C38706-1	02/26/15	10:20	BW	02/27/15	AQ	Ground Water	9485-GW

Summary of Hits

Job Number: C38706
Account: Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA
Collected: 02/26/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C38706-1	9485-GW					
Acetone [a]		5.5 J	20	4.0	ug/l	SW846 8260B
Chloroform [a]		0.29 J	1.0	0.20	ug/l	SW846 8260B
p-Isopropyltoluene [a]		0.31 J	2.0	0.20	ug/l	SW846 8260B
Toluene [a]		10.7	1.0	0.20	ug/l	SW846 8260B
TPH-GRO (C6-C10) [a]		34.6 J	50	25	ug/l	SW846 8260B
Chrysene [b]		0.65 J	1.0	0.45	ug/l	SW846 8270C BY SIM
Fluorene [b]		2.2 J	5.0	0.50	ug/l	SW846 8270C BY SIM
Phenanthrene [b]		3.8 J	5.0	0.50	ug/l	SW846 8270C BY SIM
Pyrene [b]		0.81 J	5.0	0.50	ug/l	SW846 8270C BY SIM
TPH (C10-C28)		17.7	1.9	0.47	mg/l	SW846 8015B M
TPH (>C28-C40)		1.67 J	3.8	0.94	mg/l	SW846 8015B M

(a) Sample vial contained more than 0.5cm of sediment.
(b) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9485-GW		
Lab Sample ID:	C38706-1	Date Sampled:	02/26/15
Matrix:	AQ - Ground Water	Date Received:	02/27/15
Method:	SW846 8260B	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V23286.D	1	03/03/15	EA	n/a	n/a	VV923
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.5	20	4.0	ug/l	J
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	0.29	1.0	0.20	ug/l	J
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9485-GW		
Lab Sample ID:	C38706-1	Date Sampled:	02/26/15
Matrix:	AQ - Ground Water	Date Received:	02/27/15
Method:	SW846 8260B	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	0.31	2.0	0.20	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	10.7	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	34.6	50	25	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9485-GW		
Lab Sample ID:	C38706-1	Date Sampled:	02/26/15
Matrix:	AQ - Ground Water	Date Received:	02/27/15
Method:	SW846 8260B	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

(a) Sample vial contained more than 0.5cm of sediment.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9485-GW		
Lab Sample ID:	C38706-1	Date Sampled:	02/26/15
Matrix:	AQ - Ground Water	Date Received:	02/27/15
Method:	SW846 8270C BY SIM SW846 3510C	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	X42166.D	10	03/03/15	BJ	02/27/15	OP11773	EX1810
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	0.50	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.50	ug/l	
120-12-7	Anthracene	ND	5.0	0.50	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.53	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.35	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.36	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.39	ug/l	
218-01-9	Chrysene	0.65	1.0	0.45	ug/l	J
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.35	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.50	ug/l	
86-73-7	Fluorene	2.2	5.0	0.50	ug/l	J
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.35	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
85-01-8	Phenanthrene	3.8	5.0	0.50	ug/l	J
129-00-0	Pyrene	0.81	5.0	0.50	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	51%		42-116%
321-60-8	2-Fluorobiphenyl	70%		44-115%
1718-51-0	Terphenyl-d14	71%		45-141%

(a) Dilution required due to matrix interference (dark and viscous extract; high concentration of non-target hydrocarbons).

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9485-GW		
Lab Sample ID:	C38706-1	Date Sampled:	02/26/15
Matrix:	AQ - Ground Water	Date Received:	02/27/15
Method:	SW846 8015B M SW846 3510C	Percent Solids:	n/a
Project:	1759 Seminary Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH321185.D	20	03/05/15	AG	03/04/15	OP11800	GHH1476
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	17.7	1.9	0.47	mg/l	
	TPH (> C28-C40)	1.67	3.8	0.94	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	65%		32-124%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California ACCUTEST LABORATORIES

4

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C38706

Client / Reporting Information

Company Name: Golden Gate Tank Removal Inc.
Address: 1485 Carroll Ave.
City: San Francisco State: CA Zip: 94124
Project Contact: Tim Hellen
Phone #: 415-512-1555
Samplers's Name: B. WHEELER

Project Information

Project Name:
Street: 1759 Seminary Ave
City: Oakland State: CA.
Project #: 9485
EMAIL: athen@ggtr.com
Client Purchase Order #:

Requested Analysis

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	HNO3	H2SO4	NaOH	MeOH	NaHSO4	ENCORE	TPH-DIESEL/MOTOR OIL w/SGC	TPH-G + BTEX (EPA 8260B)	PAHs (8270 SIM)	LAB USE ONLY
1	9485-GW	2/04/15	1020	BW	GW	8	4		1		3			X	X	X	

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days)

Approved By/ Date:

- 10 Day
- 5 Day
- 3 Day
- 2 Day
- 1 Day
- Same Day

STANDARD 4-DAY

Data Deliverable Information

- Commercial "A" - Results only
- Commercial "B" - Results with QC summaries
- Commercial "B+" - Results, QC, and chromatograms
- FULT1 - Level 4 data package
- EDF for Geotracker
- EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks

* HOLD 250ml Poly FOR FUTURE METALS ANALYSIS (IF WARRANTED)

Emergency T/A data available VIA Lablink

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	BW	2-26-15 12:50	Mike Moorehead	Mike Moorehead	2/27/15 11:50	
2						Ken Cohen
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
4						
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres. Y / N	Headspace Y / N	On Ice Y / N	Cooler Temp.
					Labels match Coc? Y / N	Separate Receiving Check List used: Y / N		2.7/2.7 °C

C38706: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C38706 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 1759 SEMINARY AVE

Date / Time Received: 2/27/2015 2:50:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (2.7/2.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☐		☑	3. COC Present:	☑		☐
2. Custody Seals Intact:	☐		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR2;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:408.588.0200

2105 Lundy Avenue
F: 408.588.0201

San Jose, CA 95131
www/accutest.com

4.1 4

C38706: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-MB	V23281.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	

Method Blank Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-MB	V23281.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-MB	V23281.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-BS	V23278.D	1	03/03/15	EA	n/a	n/a	VV923
VV923-BSD	V23279.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	85.7	107	84.3	105	2	38-159/24
71-43-2	Benzene	20	19.9	100	19.7	99	1	77-122/25
108-86-1	Bromobenzene	20	22.1	111	21.4	107	3	76-126/17
74-97-5	Bromochloromethane	20	22.0	110	21.5	108	2	77-130/17
75-27-4	Bromodichloromethane	20	20.9	105	20.5	103	2	75-127/16
75-25-2	Bromoform	20	23.5	118	23.3	117	1	69-141/17
104-51-8	n-Butylbenzene	20	20.2	101	19.1	96	6	72-129/18
135-98-8	sec-Butylbenzene	20	20.0	100	19.0	95	5	74-128/18
98-06-6	tert-Butylbenzene	20	21.5	108	20.4	102	5	73-127/18
108-90-7	Chlorobenzene	20	20.7	104	20.8	104	0	77-122/16
75-00-3	Chloroethane	20	16.9	85	17.6	88	4	69-133/18
67-66-3	Chloroform	20	20.6	103	20.4	102	1	74-126/17
95-49-8	o-Chlorotoluene	20	20.7	104	20.0	100	3	72-127/20
106-43-4	p-Chlorotoluene	20	20.3	102	19.7	99	3	68-127/18
56-23-5	Carbon tetrachloride	20	20.5	103	19.9	100	3	71-133/19
75-34-3	1,1-Dichloroethane	20	19.1	96	19.2	96	1	71-125/17
75-35-4	1,1-Dichloroethylene	20	18.9	95	18.7	94	1	66-125/20
563-58-6	1,1-Dichloropropene	20	18.8	94	18.3	92	3	75-124/18
96-12-8	1,2-Dibromo-3-chloropropane	20	21.5	108	19.8	99	8	65-131/20
106-93-4	1,2-Dibromoethane	20	21.8	109	21.1	106	3	75-135/17
107-06-2	1,2-Dichloroethane	20	20.6	103	20.3	102	1	71-131/17
78-87-5	1,2-Dichloropropane	20	20.4	102	20.0	100	2	78-124/16
142-28-9	1,3-Dichloropropane	20	21.3	107	21.2	106	0	78-123/16
108-20-3	Di-Isopropyl ether	20	19.9	100	20.1	101	1	68-129/17
594-20-7	2,2-Dichloropropane	20	19.2	96	18.6	93	3	70-131/19
124-48-1	Dibromochloromethane	20	22.0	110	21.7	109	1	76-132/16
75-71-8	Dichlorodifluoromethane	20	20.8	104	20.9	105	0	32-168/28
156-59-2	cis-1,2-Dichloroethylene	20	20.1	101	20.0	100	0	73-126/17
10061-01-5	cis-1,3-Dichloropropene	20	21.1	106	20.8	104	1	72-130/16
541-73-1	m-Dichlorobenzene	20	20.7	104	20.3	102	2	75-124/16
95-50-1	o-Dichlorobenzene	20	21.0	105	20.4	102	3	76-124/16
106-46-7	p-Dichlorobenzene	20	21.0	105	20.6	103	2	75-124/16
156-60-5	trans-1,2-Dichloroethylene	20	19.2	96	19.4	97	1	71-126/18
10061-02-6	trans-1,3-Dichloropropene	20	20.6	103	20.3	102	1	71-126/16
100-41-4	Ethylbenzene	20	20.0	100	19.7	99	2	76-126/17
637-92-3	Ethyl Tert Butyl Ether	20	22.2	111	22.2	111	0	75-134/17

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-BS	V23278.D	1	03/03/15	EA	n/a	n/a	VV923
VV923-BSD	V23279.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	80	86.7	108	84.2	105	3	67-150/22
87-68-3	Hexachlorobutadiene	20	20.8	104	19.6	98	6	69-135/20
98-82-8	Isopropylbenzene	20	19.3	97	19.5	98	1	61-125/17
99-87-6	p-Isopropyltoluene	20	19.8	99	19.5	98	2	68-127/18
108-10-1	4-Methyl-2-pentanone	80	86.3	108	82.2	103	5	71-142/21
74-83-9	Methyl bromide	20	19.6	98	19.9	100	2	68-132/18
74-87-3	Methyl chloride	20	19.4	97	18.9	95	3	39-150/28
74-95-3	Methylene bromide	20	22.0	110	21.2	106	4	77-127/16
75-09-2	Methylene chloride	20	19.0	95	19.3	97	2	67-128/18
78-93-3	Methyl ethyl ketone	80	89.1	111	84.1	105	6	56-155/23
1634-04-4	Methyl Tert Butyl Ether	20	21.4	107	21.3	107	0	73-132/17
91-20-3	Naphthalene	20	19.8	99	18.2	91	8	70-136/20
103-65-1	n-Propylbenzene	20	19.8	99	19.0	95	4	71-127/17
100-42-5	Styrene	20	21.2	106	21.5	108	1	72-134/16
994-05-8	Tert-Amyl Methyl Ether	20	21.7	109	21.5	108	1	73-133/17
75-65-0	Tert-Butyl Alcohol	100	103	103	101	101	2	60-149/26
630-20-6	1,1,1,2-Tetrachloroethane	20	21.8	109	21.8	109	0	77-130/16
71-55-6	1,1,1-Trichloroethane	20	19.6	98	19.1	96	3	74-128/19
79-34-5	1,1,2,2-Tetrachloroethane	20	21.4	107	20.4	102	5	77-129/17
79-00-5	1,1,2-Trichloroethane	20	21.1	106	20.8	104	1	77-125/16
87-61-6	1,2,3-Trichlorobenzene	20	21.3	107	20.3	102	5	70-133/18
96-18-4	1,2,3-Trichloropropane	20	20.0	100	20.0	100	0	69-126/18
120-82-1	1,2,4-Trichlorobenzene	20	21.5	108	20.3	102	6	68-129/17
95-63-6	1,2,4-Trimethylbenzene	20	20.5	103	19.7	99	4	74-129/17
108-67-8	1,3,5-Trimethylbenzene	20	21.2	106	20.4	102	4	77-129/17
127-18-4	Tetrachloroethylene	20	19.9	100	19.0	95	5	69-127/20
108-88-3	Toluene	20	19.9	100	19.8	99	1	75-122/17
79-01-6	Trichloroethylene	20	19.7	99	19.3	97	2	78-123/17
75-69-4	Trichlorofluoromethane	20	20.4	102	20.5	103	0	65-136/23
75-01-4	Vinyl chloride	20	21.1	106	21.6	108	2	57-146/22
1330-20-7	Xylene (total)	60	60.7	101	60.3	101	1	77-125/17

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	99%	98%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-BS	V23278.D	1	03/03/15	EA	n/a	n/a	VV923
VV923-BSD	V23279.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	97%	98%	70-130%
460-00-4	4-Bromofluorobenzene	96%	99%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV923-LCS	V23280.D	1	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	122	98	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C38702-7MS	V23297.D	1000	03/03/15	EA	n/a	n/a	VV923
C38702-7MSD	V23298.D	1000	03/03/15	EA	n/a	n/a	VV923
C38702-7	V23287.D	1000	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	C38702-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80000	77400	97	80000	81600	102	5	38-159/24
71-43-2	Benzene	30400		20000	50000	98	20000	50000	98	0	77-122/16
108-86-1	Bromobenzene	ND		20000	20000	80	20000	20700	84	3	76-126/17
74-97-5	Bromochloromethane	ND		20000	19600	98	20000	20400	102	4	77-130/17
75-27-4	Bromodichloromethane	ND		20000	19400	97	20000	19600	98	1	75-127/16
75-25-2	Bromoform	ND		20000	21200	106	20000	22700	114	7	69-141/17
104-51-8	n-Butylbenzene	ND		20000	18100	91	20000	18700	94	3	72-129/18
135-98-8	sec-Butylbenzene	ND		20000	18500	93	20000	18700	94	1	74-128/18
98-06-6	tert-Butylbenzene	ND		20000	20000	100	20000	20200	101	1	73-127/18
108-90-7	Chlorobenzene	ND		20000	19100	96	20000	19800	99	4	77-122/16
75-00-3	Chloroethane	ND		20000	16400	82	20000	16200	81	1	69-133/18
67-66-3	Chloroform	ND		20000	18500	93	20000	18900	95	2	74-126/17
95-49-8	o-Chlorotoluene	ND		20000	18800	94	20000	19400	97	3	72-127/20
106-43-4	p-Chlorotoluene	ND		20000	18800	94	20000	19100	96	2	68-127/18
56-23-5	Carbon tetrachloride	ND		20000	19200	96	20000	18800	94	2	71-133/19
75-34-3	1,1-Dichloroethane	ND		20000	17600	88	20000	17700	89	1	71-125/17
75-35-4	1,1-Dichloroethylene	ND		20000	17000	85	20000	16800	84	1	66-125/20
563-58-6	1,1-Dichloropropene	ND		20000	17600	88	20000	17500	88	1	75-124/18
96-12-8	1,2-Dibromo-3-chloropropane	ND		20000	19300	97	20000	20500	103	6	65-131/20
106-93-4	1,2-Dibromoethane	ND		20000	19900	100	20000	21200	106	6	75-135/17
107-06-2	1,2-Dichloroethane	ND		20000	19000	95	20000	19400	97	2	71-131/17
78-87-5	1,2-Dichloropropane	ND		20000	18800	94	20000	19100	96	2	78-124/16
142-28-9	1,3-Dichloropropane	ND		20000	19800	99	20000	21100	106	6	78-123/16
108-20-3	Di-Isopropyl ether	330	J	20000	19100	94	20000	18900	93	1	68-129/17
594-20-7	2,2-Dichloropropane	ND		20000	15700	79	20000	15400	77	2	70-131/19
124-48-1	Dibromochloromethane	ND		20000	19900	100	20000	21100	106	6	76-132/16
75-71-8	Dichlorodifluoromethane	ND		20000	17300	87	20000	15100	76	14	32-168/28
156-59-2	cis-1,2-Dichloroethylene	ND		20000	18300	92	20000	18700	94	2	73-126/17
10061-01-5	cis-1,3-Dichloropropene	ND		20000	19000	95	20000	19600	98	3	72-130/16
541-73-1	m-Dichlorobenzene	ND		20000	19100	96	20000	19500	98	2	75-124/16
95-50-1	o-Dichlorobenzene	ND		20000	19300	97	20000	19700	99	2	76-124/16
106-46-7	p-Dichlorobenzene	ND		20000	19300	97	20000	19900	100	3	75-124/16
156-60-5	trans-1,2-Dichloroethylene	ND		20000	17400	87	20000	17500	88	1	71-126/18
10061-02-6	trans-1,3-Dichloropropene	ND		20000	18000	90	20000	19200	96	6	71-126/16
100-41-4	Ethylbenzene	3390		20000	21900	93	20000	22700	97	4	76-126/17
637-92-3	Ethyl Tert Butyl Ether	ND		20000	20600	103	20000	21000	105	2	75-134/17

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C38702-7MS	V23297.D	1000	03/03/15	EA	n/a	n/a	VV923
C38702-7MSD	V23298.D	1000	03/03/15	EA	n/a	n/a	VV923
C38702-7	V23287.D	1000	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Compound	C38702-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	ND		80000	78500	98	80000	84100	105	7	67-150/22
87-68-3	Hexachlorobutadiene	ND		20000	19000	95	20000	19600	98	3	69-135/20
98-82-8	Isopropylbenzene	ND		20000	18500	93	20000	19100	96	3	61-125/17
99-87-6	p-Isopropyltoluene	ND		20000	18500	93	20000	18900	95	2	68-127/18
108-10-1	4-Methyl-2-pentanone	ND		80000	75300	94	80000	79800	100	6	71-142/21
74-83-9	Methyl bromide	ND		20000	18200	91	20000	17900	90	2	68-132/18
74-87-3	Methyl chloride	ND		20000	18100	91	20000	17000	85	6	39-150/28
74-95-3	Methylene bromide	ND		20000	20400	102	20000	20500	103	0	77-127/16
75-09-2	Methylene chloride	ND		20000	17300	87	20000	17600	88	2	67-128/18
78-93-3	Methyl ethyl ketone	ND		80000	76500	96	80000	83200	104	8	56-155/23
1634-04-4	Methyl Tert Butyl Ether	6040		20000	26000	100	20000	26400	102	2	73-132/17
91-20-3	Naphthalene	622	J	20000	18600	90	20000	19600	95	5	70-136/20
103-65-1	n-Propylbenzene	252	J	20000	18200	90	20000	18600	92	2	71-127/17
100-42-5	Styrene	ND		20000	19800	99	20000	20800	104	5	72-134/16
994-05-8	Tert-Amyl Methyl Ether	ND		20000	20300	102	20000	20700	104	2	73-133/17
75-65-0	Tert-Butyl Alcohol	ND		100000	113000	113	100000	119000	119	5	60-149/26
630-20-6	1,1,1,2-Tetrachloroethane	ND		20000	20200	101	20000	21100	106	4	77-130/16
71-55-6	1,1,1-Trichloroethane	ND		20000	18100	91	20000	18200	91	1	74-128/19
79-34-5	1,1,2,2-Tetrachloroethane	ND		20000	19600	98	20000	20800	104	6	77-129/17
79-00-5	1,1,2-Trichloroethane	ND		20000	19500	98	20000	20600	103	5	77-125/16
87-61-6	1,2,3-Trichlorobenzene	ND		20000	19200	96	20000	20000	100	4	70-133/18
96-18-4	1,2,3-Trichloropropane	ND		20000	17400	87	20000	18700	94	7	69-126/18
120-82-1	1,2,4-Trichlorobenzene	ND		20000	18900	95	20000	20000	100	6	68-129/17
95-63-6	1,2,4-Trimethylbenzene	2390		20000	21200	94	20000	21500	96	1	74-129/17
108-67-8	1,3,5-Trimethylbenzene	567	J	20000	19900	97	20000	20500	100	3	77-129/17
127-18-4	Tetrachloroethylene	ND		20000	18100	91	20000	18500	93	2	69-127/20
108-88-3	Toluene	47600		20000	65700	91	20000	68900	107	5	75-122/17
79-01-6	Trichloroethylene	ND		20000	18500	93	20000	18400	92	1	78-123/17
75-69-4	Trichlorofluoromethane	ND		20000	19400	97	20000	18700	94	4	65-136/23
75-01-4	Vinyl chloride	ND		20000	20000	100	20000	18700	94	7	57-146/22
1330-20-7	Xylene (total)	21300		60000	77800	94	60000	80800	99	4	77-125/17

CAS No.	Surrogate Recoveries	MS	MSD	C38702-7	Limits
1868-53-7	Dibromofluoromethane	99%	98%	96%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C38702-7MS	V23297.D	1000	03/03/15	EA	n/a	n/a	VV923
C38702-7MSD	V23298.D	1000	03/03/15	EA	n/a	n/a	VV923
C38702-7	V23287.D	1000	03/03/15	EA	n/a	n/a	VV923

The QC reported here applies to the following samples: Method: SW846 8260B

C38706-1

CAS No.	Surrogate Recoveries	MS	MSD	C38702-7	Limits
2037-26-5	Toluene-D8	98%	99%	100%	70-130%
460-00-4	4-Bromofluorobenzene	98%	98%	99%	70-130%

* = Outside of Control Limits.

Northern California ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11773-MB	X42103.D	1	03/02/15	MT	02/27/15	OP11773	EX1808

The QC reported here applies to the following samples: Method: SW846 8270C BY SIM

C38706-1

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.50	0.050	ug/l	
208-96-8	Acenaphthylene	ND	0.50	0.050	ug/l	
120-12-7	Anthracene	ND	0.50	0.050	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.10	0.053	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	0.041	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.035	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	0.036	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.039	ug/l	
218-01-9	Chrysene	ND	0.10	0.045	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.035	ug/l	
206-44-0	Fluoranthene	ND	0.50	0.050	ug/l	
86-73-7	Fluorene	ND	0.50	0.050	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.035	ug/l	
90-12-0	1-Methylnaphthalene	ND	0.50	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.50	0.10	ug/l	
91-20-3	Naphthalene	ND	0.50	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.50	0.050	ug/l	
129-00-0	Pyrene	ND	0.50	0.050	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	84%	42-116%
321-60-8	2-Fluorobiphenyl	106%	44-115%
1718-51-0	Terphenyl-d14	145%* [a]	45-141%

(a) Outside laboratory control limits (high bias).

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11773-BS	X42104.D	1	03/02/15	MT	02/27/15	OP11773	EX1808
OP11773-BSD	X42105.D	1	03/02/15	MT	02/27/15	OP11773	EX1808

The QC reported here applies to the following samples: Method: SW846 8270C BY SIM

C38706-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	5	4.0	80	3.9	78	3	54-108/21
208-96-8	Acenaphthylene	5	4.0	80	3.9	78	3	53-108/22
120-12-7	Anthracene	5	4.7	94	4.4	88	7	58-111/19
56-55-3	Benzo(a)anthracene	5	5.5	110	5.4	108	2	59-120/14
50-32-8	Benzo(a)pyrene	5	5.0	100	4.8	96	4	53-113/18
205-99-2	Benzo(b)fluoranthene	5	5.8	116	5.7	114	2	57-127/18
191-24-2	Benzo(g,h,i)perylene	5	4.8	96	4.4	88	9	52-126/21
207-08-9	Benzo(k)fluoranthene	5	5.1	102	4.9	98	4	60-125/16
218-01-9	Chrysene	5	5.5	110	5.3	106	4	63-120/14
53-70-3	Dibenzo(a,h)anthracene	5	5.3	106	5.0	100	6	53-127/22
206-44-0	Fluoranthene	5	5.4	108	5.1	102	6	59-123/17
86-73-7	Fluorene	5	4.3	86	4.3	86	0	57-113/21
193-39-5	Indeno(1,2,3-cd)pyrene	5	5.1	102	4.7	94	8	48-130/22
90-12-0	1-Methylnaphthalene	5	3.8	76	3.9	78	3	51-104/24
91-57-6	2-Methylnaphthalene	5	3.8	76	3.9	78	3	52-108/25
91-20-3	Naphthalene	5	3.4	68	3.5	70	3	51-102/23
85-01-8	Phenanthrene	5	4.6	92	4.4	88	4	58-112/18
129-00-0	Pyrene	5	5.1	102	5.1	102	0	52-124/20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	69%	72%	42-116%
321-60-8	2-Fluorobiphenyl	90%	89%	44-115%
1718-51-0	Terphenyl-d14	116%	119%	45-141%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11773-MS	X42106.D	1	03/02/15	MT	02/27/15	OP11773	EX1808
OP11773-MSD	X42107.D	1	03/02/15	MT	02/27/15	OP11773	EX1808
C38704-1	X42110.D	1	03/02/15	MT	02/27/15	OP11773	EX1808

The QC reported here applies to the following samples: Method: SW846 8270C BY SIM

C38706-1

CAS No.	Compound	C38704-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		9.43	8.4	89	9.43	8.4	89	0	54-108/21
208-96-8	Acenaphthylene	ND		9.43	8.5	90	9.43	8.5	90	0	53-108/22
120-12-7	Anthracene	ND		9.43	9.1	96	9.43	9.2	98	1	58-111/19
56-55-3	Benzo(a)anthracene	ND		9.43	9.9	105	9.43	9.9	105	0	59-120/14
50-32-8	Benzo(a)pyrene	ND		9.43	9.0	95	9.43	9.1	96	1	53-113/18
205-99-2	Benzo(b)fluoranthene	ND		9.43	10.2	108	9.43	9.8	104	4	57-127/18
191-24-2	Benzo(g,h,i)perylene	ND		9.43	7.8	83	9.43	7.8	83	0	52-126/21
207-08-9	Benzo(k)fluoranthene	ND		9.43	9.7	103	9.43	9.2	98	5	60-125/16
218-01-9	Chrysene	ND		9.43	9.6	102	9.43	9.7	103	1	63-120/14
53-70-3	Dibenzo(a,h)anthracene	ND		9.43	8.7	92	9.43	9.0	95	3	53-127/22
206-44-0	Fluoranthene	ND		9.43	10.0	106	9.43	9.8	104	2	59-123/17
86-73-7	Fluorene	ND		9.43	9.3	99	9.43	9.0	95	3	57-113/21
193-39-5	Indeno(1,2,3-cd)pyrene	ND		9.43	8.2	87	9.43	8.7	92	6	48-130/22
90-12-0	1-Methylnaphthalene	ND		9.43	8.4	89	9.43	8.3	88	1	51-104/24
91-57-6	2-Methylnaphthalene	ND		9.43	8.5	90	9.43	8.3	88	2	52-108/25
91-20-3	Naphthalene	ND		9.43	7.4	78	9.43	7.5	80	1	51-102/23
85-01-8	Phenanthrene	ND		9.43	9.0	95	9.43	9.1	96	1	58-112/18
129-00-0	Pyrene	ND		9.43	10.3	109	9.43	9.5	101	8	52-124/20

CAS No.	Surrogate Recoveries	MS	MSD	C38704-1	Limits
4165-60-0	Nitrobenzene-d5	78%	80%	81%	42-116%
321-60-8	2-Fluorobiphenyl	96%	101%	102%	44-115%
1718-51-0	Terphenyl-d14	120%	115%	126%	45-141%

* = Outside of Control Limits.

Northern California
ACCUTEST
LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11800-MB	HH321180.D	1	03/04/15	AG	03/04/15	OP11800	GHH1475

The QC reported here applies to the following samples: Method: SW846 8015B M

C38706-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.10	0.025	mg/l	
	TPH (>C28-C40)	ND	0.20	0.050	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	80%	32-124%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C38706
Account: GGTRCASF Golden Gate Tank Removal
Project: 1759 Seminary Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11800-BS	HH321178.D	1	03/04/15	AG	03/04/15	OP11800	GHH1475
OP11800-BSD	HH321179.D	1	03/04/15	AG	03/04/15	OP11800	GHH1475

The QC reported here applies to the following samples: Method: SW846 8015B M

C38706-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	1	0.605	61	0.583	58	4	38-115/22
	TPH (>C28-C40)	1	0.733	73	0.767	77	5	45-114/20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	78%	77%	32-124%

* = Outside of Control Limits.

CERTIFICATE OF DISPOSAL

DATE:	January 30, 2015
PROJECT NUMBER:	9485
PROJECT ADDRESS:	1759 Seminary Avenue, Oakland, CA 94612
TANK SIZE:	1500 gallons
ORIGINAL TANK CONTENTS:	Diesel

Golden Gate Tank Removal, Inc. hereby issues CERTIFICATION that:

- This tank was cleaned by triple rinsing and allowable for disposal as scrap metal.
- The Oxygen content of the Tank was 21.7%.
- The Lower Explosive Limit was 0%.
- The above tank was rendered harmless by cutting and disposed of as scrap metal at Circosta Iron and Metal, Inc.
- The above method of tank destruction is suitable for the materials involved and is accepted by the City of Oakland as an appropriate disposal method.

A copy of the analytical certificate the chain-of-custody is attached to this Certification. If there are any questions regarding this tank, please contact this office.

Golden Gate Tank Removal, Inc.

1480 Carroll Avenue • San Francisco, CA 94124 • Tel 415.512.1555 • Fax 415.512.0964

Circosta Iron and Metal Company Inc.

415-282-8568
1801 Evans Avenue
San Francisco CA 94124

RC2707

Tick# 110238 By Sam 11:34:33 AM 2/17/2015

Gross	Tare	Net Lbs	Price	Amount
HMS - HMS #1			(SC=$55.00)	
10,960.00	8,980.00	1,980.00	55.00	54.45
Amt (Before Tax)				54.45
Sales Tax (0.08%)				0.00
Amt (After Tax)				$54.45
		Ticket Total		54.45

* FIFTY-FOUR AND 45 / 100

Date	Mode	Trn #	Amount
2/17/2015	Cash		54.45

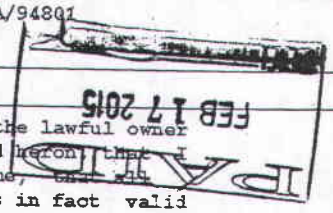
Print Name: GUILLERMO VARGAS GARZA

CUSTOMER COPY

Address: 144 13TH STREET APT 5

City/ST/Zip: RICHMOND/CA/94801

State of issuance:



I hereby state that I'm the lawful owner of the material described hereon, that I have a right to sell same, that said REDEMPTION material is in fact valid REDEMPTION material and that for payment received in full, hereby acknowledged,

Circosta Iron and Metal Company Inc.

X

You must return this receipt 3 days or later to receive money. THANK YOU!

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002788959	1	NRC 510-749-1390	**012319311 JJK**

5. Generator's Name and Mailing Address

ATT MARK SPOLNIC

619 S 33RD LLC
930 REDWOOD HIGHWAY, #8
MILL VALLEY CA 94941

Generator's Phone: 415 893 9321

Generator's Site Address (if different than mailing address)

619 S 33RD LLC
1759 SEMINARY AVE
OAKLAND CA 94612

6. Transporter 1 Company Name

NRC ENVIRONMENTAL SERVICES INC

U.S. EPA ID Number: CAR000 [illegible] 114

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

[illegible]
5300 Claus Road, Bldg 11
Riverbank CA 95367

Facility's Phone: 209 863-8161

U.S. EPA ID Number: CAL000190816

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, LIQUID (WATER, TRACE DIESEL)	001	TT	695	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

[illegible] PROTECTIVE EQUIPMENT, JOB/PO# 84178
NRC ENVIRONMENTAL SERVICES: 1605 FERRY POINT, ALAMEDA, CA 94501

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [signature] | Month: 1 | Day: 28 | Year: [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Alvin Aragon | Signature: [signature] | Month: 01 | Day: 28 | Year: 15

Transporter 2 Printed/Typed Name: | Signature: | Month | Day | Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC 002788999	1	510-541-2128	013986119 JJK

GENERATOR

5. Generator's Name and Mailing Address
619 S. 33rd LLC
930 Redwood Highway Frontage R
Mill Valley, CA 94941
Generator's Phone: 415-893-9321

Generator's Site Address (if different than mailing address)
1758 Seminary Ave.
Oakland, CA 94621

6. Transporter 1 Company Name: BIG SKY ENVIRONMENTAL SOLUTIONS — U.S. EPA ID Number: CAL 000346010

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
DK Dixon
7300 Chevron Way
Dixon CA 95620
Facility's Phone: 707-693-6008 — U.S. EPA ID Number: CAT080012602

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA HAZARDOUS WASTE, LIQUID (Oily Water)	001	TT	1470	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR PPE 171 — EMERGENCY CONTACT JEFF RHODES

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.
Generator's/Offeror's Printed/Typed Name: JOSE MONTERO — Signature: Guillermo G — Month 10 Day 26 Year 15

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JOSE MONTERO — Signature: — Month 10 Day 26 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Clate Williams — Signature — Month 02 Day 27 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

Page ___ of ___

I. FACILITY IDENTIFICATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
1759 Seminary Ave., Oakland, CA

FACILITY ID# 1.

TANK OWNER NAME 740.
619 S. 33rd LLC

TANK OWNER ADDRESS 741.
930 Redwood Highway #B

TANK OWNER CITY: Mill Valley 742. | STATE: CA 743. | ZIP CODE: 94941 744.

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS	Tank ID # (Attach additional copies of this page for more than three tanks)	Concentration of Flammable Vapor: Top	Center	Bottom	Concentration of Oxygen: Top	Center	Bottom
1	945 745.	0% 746a.	0% 746b.	0% 746c.	21.0% 747a.	21.0% 747b.	21.0% 747c.
2	748.	749a.	749b.	749c.	750a.	750b.	750c.
3	751.	752a.	752b.	752c.	753a.	753b.	753c.

III. CERTIFICATION

On examination of the tank, I certify the tank is visually free from product, sludge, scale (thin, flaky residual of tank contents), rinseate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF CERTIFIER: Tim Hallen

NAME OF CERTIFIER (Print) 754.: Tim Hallen

TITLE OF CERTIFIER 755.: Project Manager

ADDRESS 756.: 1455 Yosemite Avenue

CITY 757.: San Francisco

PHONE 758.: 415-512-1555

DATE 759.: 1/29/15

CERTIFICATION TIME: 1300

STATUS OR AFFILIATION OF CERTIFYING PERSON

Certifier is a representative of the CUPA, authorized agency, or LIA: 760.

☐ Yes ☒ No

Name of CUPA, authorized agency, or LIA: 761.

If certifier is other than CUPA / LIA check appropriate box below: 762.

- ☐ a. Certified Industrial Hygienist (CIH)
- ☐ b. Certified Safety Professional (CSP)
- ☐ c. Certified Marine Chemist (CMC)
- ☐ d. Registered Environmental Health Specialist (REHS)
- ☐ e. Professional Engineer (PE)
- ☐ f. Class II Registered Environmental Assessor
- ☒ g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS 763.

(If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.) ☐ Yes ☐ No

CERTIFIER'S TANK MANAGEMENT INSTRUCTIONS FOR SCRAP DEALER, DISPOSAL FACILITY, ETC: 764.

Clean to bare metal . Treat as scrap.

A copy of this certificate shall accompany the tank to the recycling/disposal facility and be provided to the agency overseeing tank closure (i.e. CUPA or other authorized local agency); the owner and/or operator of the tank system; and the tank removal contractor.

JOB SITE

Permits for which no major inspection has been appr[illegible]ration or final.

CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA • 2ND FLOOR • OAKLAND, CA 94612

Planning and Building Department
www.oaklandnet.com

PH: 510-238-3891
FAX: 510-238-2263
TDD: 510-238-3254

Permit No: X1500044 Excavation
Filed Date: 1/8/2015
Job Site: 1759 SEMINARY AVE
Schedule Inspection by calling: [illegible]
Parcel No: 038 323702000
District:

For SL; X; and CGS permits see **SPECIAL NOTE** below

Project Description: Remove UG storage tank in SIDEWALK AREA ONLY.
FIRE MARSHAL review required. 3rd FLOOR.
Permit valid 90 days.
Call PWA INSPECTION prior to start: 510-238-3651. 4th FLOOR.

Related Permits: X1402823

	Name	Applicant	Address	Phone	License #
Owner:	51ST ONE FAMILY L P		3483 CANYON CREEK DR SAN JOSE, CA		
Contractor:	GOLDEN GATE TANK REMOVAL INC	X	1455 YOSEMITE AVENUE SAN FRANCISCO, CA	(415) 512-1555	616521

PERMIT DETAILS: Building/Public Infrastructure/Excavation/NA

General Information

Excavation Type: Private Party
Special Paving Detail Required:
Tree Removal Involved:
Date Street Last Resurfaced:
Holiday Restriction (Nov 1 - Jan 1):
Worker's Compensation Company Name:
Limited Operation Area (7AM-9AM) And (4PM-6PM):
Worker's Compensation Policy #:

Key Dates

Approximate Start Date:
Approximate End Date:

TOTAL FEES TO BE PAID AT FILING: $436.05

Application Fee	$71.00	Excavation - Private Party Type	$309.00	Records Management Fee	$36.10
Technology Enhancement Fee	$19.95				

Plans Checked By _____ Date _____ Permit Issued By _____ Date 1-8

Finalized By _____ Date _____

SPECIAL NOTE

- For SL; X; and CGS permits Call PWA INSPECTION prior to start: 510-238-3651 or visit 4th FLOOR.
- SL and X permits valid 90 days; CGS permits valid 30 days

Attention: City of Oakland

Underground Tank Removal Application

1759 SEMINARY AVENUE
OAKLAND, CA 94612

JANUARY 6, 2015

GOLDEN GATE TANK REMOVAL, INC.
1480 CARROLL AVENUE
SAN FRANCISCO, CALIFORNIA 94124

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZMAT INSP
DATE: 1/20/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

PROJECT # 9485

City of Oakland, Fire Department, Office of Emergency Services
Hazardous Materials Program
APPLICATION FOR UNDERGROUND TANK REMOVAL

FACILITY

Project Contact & Phone #	Tim Hallen	(415) 512-1555
Facility Name	1759 Seminary Avenue	**Phone#** 415-893-9321
Address	1759 Seminary Avenue	
Cross Street	Bromley Ave.	
Owner/Operator	619 S. 33rd LLC	**Phone #** 415-893-9321

CONTRACTOR

Contractor Name	Golden Gate Tank Removal, Inc.	**Phone #** (415) 512-1555
Contractor Address	1480 Carroll Ave. **CA License #** 616521	**Class** A-Haz, C-8
Hazardous Waste Certified: (Qualifying license category A-Haz, C-8)	Yes ☒ No ☐	**Workers Comp#** 1947693-14
City of Oakland Business Tax License #	1307584	**Permit #**

Does this site have a leaking UST (or did it have a leaking tank system?) Yes ☐ No ☒

TANKS

State Tank ID#	Tank Size	Material That Was Stored	Proposed Removal Date
39- 1 (one)	1500 Gallons	Heating Oil	A.S.A.P.
39-			
39-			
39-			
39-			
39-			

PLAN

✓ APPROVED ___ APPROVED WITH CONDITION(S) ___ DISAPPROVED

PLAN REVIEWER S SIGNATURE [signature] DATE OF APPROVAL 4/20/15

APPLICANT MUST PERFORM ALL WORK IN ACCORDANCE WITH CITY OF OAKLAND ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE CITY OF OAKLAND FIRE SERVICES AGENCY. OWNER OR LICENSED AGENT S SIGNATURE CERTIFIES THE FOLLOWING: I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS INSTALLATION PLAN IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IS SUCH A MANNER AS TO BECOME SUBJECT TO WORKER S COMPENSATION LAWS OF CALIFORNIA. CONTRACTOR S HIRING OR SUBCONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS INSTALLATION PLAN IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKER S COMPENSATION LAWS OF CALIFORNIA.

APPLICANT S SIGNATURE [signature] **TITLE:** Project Coordinator **DATE:** 1/6/2015

CITY OF OAKLAND
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
OAKLAND, CALIFORNIA 94612-2032
(510) 238-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

In the CITY OF OAKLAND

Request Submittal Date: 1/6/2015

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

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

(a) Gasoline (b) Fuel oil (c) Diesel (d) Heating Oil 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 front side of Seminary St./Ave. feet of St./Ave.

Site Address: 1759 Seminary Ave., Oakland, CA 94612 Present storage Heating Oil

Owner: 619 S. 33rd LLC Address 930 Redwood Highway, #B Phone 415-893-9321

Mill Valley CA 94941

Applicant: Golden Gate Tank Removal, Inc. Address 1480 Carroll Ave. Phone (415) 512-1555

San Francisco CA 94124

Sidewalk surface to be disturbed ____ X ____ Number of Tanks 1 (one) Capacity 1500 Gallons ea.

Remarks

Signature

PLEASE ATTACH/SUBMIT: *(All applicants must have a City Business License Permit)*

- (2) Copies of Closure Plans for underground tank removal(s)
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
- (2) Sets of plans for aboveground tank installation and specifications
- 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 Ck# Cash
Receipt# Recv'd by:

rev:05/98

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SUPERVISING HAZ MAT INSP
DATE: 1/20/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

INDICATE THE RESPONSIBLE PARTY TO BE BILLED FOR ADDITIONAL STAFF TIME EXPENDED BEYOND THE HOURS COVERED BY THE INITIAL DEPOSIT AMOUNT. THE PARTY MUST ACKNOWLEDGE THIS RESPONSIBILITY FOR THE ADDITIONAL BILLING BY SIGNATURE AND DATE BELOW.

NAME 619 S. 33rd LLC

MAILING ADDRESS 930 Redwood Highway, #B (STREET) Mill Valley (CITY) CA (STATE) 94941 (ZIP)

DAY PHONE NUMBER 415-893-9321 (area code / phone #)

SIGNATURE _____ -agent for the owner

DATE 1/6/2015

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: _____
TITLE: Board Hazmat Insp
DATE: 1/20/15
ALL INSPECTIONS REQUIRE 48 HOURS NOTICE

form c:tankapp.ins January 2, 1998

CITY OF OAKLAND
Fire Department
Fire Prevention Bureau
Hazardous Materials Program
250 Frank H. Ogawa Plaza, Ste. 3341
Oakland, CA 94612-2032

UNDERGROUND TANK CLOSURE PLAN

(Complete according to instructions)

1) Name of Business 1759 Seminary Avenue

Business Owner or Contact Person (PRINT) 619 S. 33rd LLC

2) Site Address 1759 Seminary Avenue

City Oakland Zip 94612 Phone 415-893-9321

3) Mailing Address 930 Redwood Highway, #B

City Mill Valley Zip 94941 Phone 415-893-9321

4) Property Owner 619 S. 33rd LLC

Business Name (if applicable)

Address 930 Redwood Highway, #B

City, State Mill Valley CA Zip 94941

5) Generator name under which tank will be manifested

619 S. 33rd LLC

EPA ID Under which tank will be manifested CAC-002-798-999

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: Senior Haz Mat Sp
DATE: 7/20/05
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

6) Contractor Golden Gate Tank Removal, Inc.

Address 1480 Carroll Ave.

City San Francisco Phone (415) 512-1555

License Type A-Haz, C-8 IDS 616521

Effective January 1, 1992, Business and Professional Code Section 7058.7 require contractors to also hold Hazardous Waste certification issued by the State Contractor License Board

7) Consultant (if applicable) n/a
Address
City, State Phone

8) Main Contact Person for Investigation (if applicable)

Name Tim Hallen Title Project Manager

Company Golden Gate Tank Removal, Inc.

Phone (415) 512-1555

9) Number of underground tanks being closed with this plan 1 (one) (Confirmed with owner operator)

10) State Registered Hazardous Waste Transporters/Facilities (see instructions)

****Underground storage tanks must be handled as hazardous waste ****

a) Product/Residual Sludge/Rinsate Transporter

Name NRC Environmental Services EPA I.D. NO. CAR000030114

Hauler License No. 114013 License Exp. Date 3/31/2015

Address 1605 Ferry Point

City Alameda State CA Zip 94501

b) Product/Residual Sludge/Rinsate Disposal Site

Name Evergreen Oil, Inc. EPA ID No. CAD980887418

Address 6880 Smith Ave.

City Newark State CA 94560

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: Supervising HHW Inspector
DATE: 1/20/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

b) Tank and Piping Transporter

Name Golden Gate Tank Removal, Inc. (Dispose & Transport as Non Haz) EPA I.D. No. _____

c) Hauler License No. _____ License Exp. Date _____

Address 1480 Carroll Ave.

City San Francisco State CA Zip 94124

d) Tank and Piping Disposal Site

Name Circosta Scrap Metal EPA I.D. No. CAD983650797

Address 1801 Evans Ave.

City San Francisco State CA Zip 94124

11) Sample Collector

Name Tim Hallen

Company Golden Gate Tank Removal, Inc.

Address 1480 Carroll Ave.

City San Francisco State CA Zip 94124

Phone (415) 512-1555

12) Laboratory

Name Accutest Laboratories

Address 2105 Lundy Ave.

City San Jose State CA Zip 95054

State Certification No. 08258

13) Have tanks or pipes leaked in the past Yes ☐ No ☐ Unknown ☒

If yes, describe _____

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZ MAT SUP
DATE: 1/20/18
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

14) Describe methods to be used for rendering tank (s): inert:

All existing material in tank will be removed. Tank will ten be triple rinsed to removal residual material. After triple rinsing, the tank will be purged of vapors using dry ice at a ratio of 25lbs per 1, 1000 gallon tank volume. Immediately prior to removal the tank will be tested for LEL and % O2. The LEL must be within 10% of LEL for material previously contained in thank and oxygen should be not exceed 5%.

Before tanks are pumped out and inserted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000 must also be contacted for tank removal permit. The use of a combustible gas indicator to verify tank inertness is required. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert. Note: you may be required to recalibrate the combustible gas indicator on site, to show that it is working properly.

15) Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
1500	unknown	soil, groundwater if present	Sample will be taken at each end of tank at each end of tank at a depth of 2' into native soil and from stockpile. 1. stockpile 2.north/or east end of excavtion 3.south/or west end of excavtion 4. bottom of tank (max of 15feet)

One soil sample must be collected for every 20 linear feet or piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZMAT
DATE: 1/28/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

EXCAVATED/STOCKPILED SOIL

Stockpiled Soil volume (estimated)	Sampling Plan
20 yards	4 point composite for every 50 cubic yards or 4 point composite for every 20 cubic yards

Stockpiled soil must be placed on beamed plastic and must be completely covered by plastic sheeting

Will the excavated soil be returned to the excavation immediately after tank removal?

☐ yes ☐ No ☒ unknown

If yes, explain reasoning _____

_____

If unknown at this point in time, please be aware that excavated soil may no be returned to the excavation without prior approval from Fire Services Agency, Office of Emergency Services. This means that the contractor, consultant, or responsible party must communicate with the Hazardous Materials Inspector **IN ADVANCE** of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

17. Submit Site Health and Safety Plan (see Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Benzene	8260B	SW846	0.005 ppm
Toluene	8260B	SW846	0.005 ppm
Ethylbenzene	8260B	SW846	0.005 ppm
Xylenes	8260B	SW846	0.010 ppm
TPH	8015B M	SW846	1.0 ppm
Naphthalene	8260B	SW846	

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: Senior HAZMAT Insp
DATE: 1/20/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

18. Submit Workers Compensation Certificate copy

Name of Insurer State Compensation Insurance Fund

19. Submit Plot Plan ***(Be Instructions)***

20. Enclose Permit fee (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report, (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.

23. Submit State (Underground storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for tank removed in the upper right hand corner)

I declare that to, the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that proved above, may be needed in order to obtain approval from the Hazardous Materials Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA. (Occupational Safety and health Administration) requirements concerning; personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his age and that this responsibility is not shared nor assumed by the City of Oakland.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Inspector at least three working days in advance of site-work, to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business Golden Gate Tank Removal, Inc.

Name of Individual Annette Chen - Project Coordinator

Signature _____ Date 1/6/2015

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: _____
TITLE: Supv. of HAZ MAT-INSP
DATE: 1/20/15
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48 HOURS NOTICE

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business 1759 Seminary Avenue

Name of Individual 619 S. 33rd LLC

Signature _____ -agent for the owner Date 1/6/2015

General Instructions

- Three (3) copies of this plan plus attachments and permit must be submitted to this Department.
- Any cutting into tanks requires Fire Services Agency approval.
- One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- State of California Permit Application Forms A and B are to submit to this office One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
   Address at which closure is taking place.

5. EPA I.D. NO. - under which the tanks will be manifested
   EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781

6. CONTRACTOR
   Prime contractor for the project.

10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
   a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
   c) Tanks must be hauled as hazardous waste.
   d) This is the place where tanks will be taken for cleaning.

15) TANK HISTORY AND SAMPLING INFORMATION
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.
Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the trig} water mark, etc.

16) CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS
See attached Table 2.

17) SITE HEALTH AND SAFETY PLAN
A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:
a) The name and responsibilities of the site health and safety officer.
b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;

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c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;

SITE HEALTH AND SAFETY PLAN

d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions;
e) Description of the work habit changes triggered by the above action levels or physical conditions;
f) Frequency and types of air and personnel monitoring - along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
h) Confined space entry procedures-(if applicable);
g) Decontamination procedures;
I) Measures to be taken to secure the site, excavation and stockpiled soils during and after work hour (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guard, etc.);
j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital near the site;
k) Documentation that all site workers have received the appropriate ASIA approved training and participate medical surveillance per 29 CFR 1910.120;

l) A page for employees to sign acknowledging that they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989; Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19) <u>PLOT PLAN</u>
The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:
a) Scale;
b) North Arrow;
c) Property Lines;
d) Location of all structures;
e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
f) Streets;
g) Underground conduits, sewers water lines utilities;
h) Existing wells; drinking monitoring, etc;
I) Depth to ground water; and
j) All existing tank(s) and piping in addition to the tank(s) being removed.

20) <u>PERMIT FEE</u>
A check payable to the City of Oakland for the amount indicated must accompany the plans.

21) Blank unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Regional Water Quality Control Board (510) 286-1255. Larger quantities may be directly from the State Water Resources Control Board at (916) 739-2421.

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OAKLAND FIRE DEPARTMENT
BY: [signature]
TITLE: Sr. Haz Mat Insp
DATE: 1/20/15
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22) TANK CLOSURE REPORT

The Tank Closure reports: General description of the closure activities, indicate;

a) Description of tank, fittings and piping conditions. Size and former contents; note any corrosion, pitting, holes;
b) Description of the excavation itself. Include tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential pathways the depth to any observed ground water, locations of stained or odor-bearing oil, and descriptions of any observed free product or sheen;
c) Detailed description of sampling methods., i.e. - backhoe bucket, drive sampler, bailer, bottles (s), sleeves;
d) Description of any remedial measures conducted at the time of tank removal;
e) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations include a copy of the plot plan prepared for the Tank Closure-plan under item #19;
f) Chain of custody records;
g) Copies of signed laboratory reports;
h) Copies of TSDF to Generator Manifests for all hazardous wastes hauled offsite (sludge, Rinsate, tanks and piping, contaminated soil, etc), and
i) Documentation of the disposal of/and volume and final destination all non-manifested contaminated soil disposed offsite.

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: HAZ MAT INS
DATE: 12/24/15
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GOLDEN GATE TANK REMOVAL, INC.

SITE SAFETY PLAN
UNDERGROUND TANK REMOVAL

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: [signature]
TITLE: SENIOR HAZ MAT INSP
DATE: 1/20/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

1759 SEMINARY AVE
OAKLAND, CA 94612

JANUARY 6, 2015

GOLDEN GATE TANK REMOVAL, INC.
1480 CARROLL AVENUE
SAN FRANCISCO, CALIFORNIA 94124

PROJECT # 9485