UNDERGROUND STORAGE TANK

CLOSURE REPORT

811 Paramount Road
Oakland, CA 94610
Job No. 9399
January 14, 2014

Prepared For:

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811 Paramount Road
Oakland, CA 94610

Tim Hallen
Registered Environmental Assessor 08006

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General Engineering Contractors License No. 616521

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1. SITE LOCATION

The subject residential property is located at 811 Paramount Road with cross street of Carlston Avenue 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 front yard of the subject property. The tank had a capacity of approximately 350 gallons, measuring approximately 4 feet in length by 3.5 feet in diameter, and was constructed of single wall bare steel. The fill port was located on the east 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

In December 2013, Golden Gate Tank Removal, Inc. (GGTR) applied for and obtained permits for the tank removal activities from the City of Oakland Fire Department (OFD). A copy of this document is included as an attachment.

On December 10, 2013, GGTR mobilized its equipment and began work on the project. The overburden soil covering the tank was removed and stockpiled on visqueen sheeting adjacent to the tank excavation. Field measurements indicated that the bottom of the tank was 5 feet below grade (fbg). The subsurface product piping extending between the top of the tank and the foundation of the exterior building structure were cut at each end, drained of any residual product and removed from the excavation area. Exposed product lines were cut and plugged.

As part of the removal operations, GGTR pumped the residual product from the tank directly into the drums and then pressure-washed the interior of the tank with 180-degree water under 3,000-psi pressure. A non-toxic enzyme was used to break down thick oil deposits. After a third washing, the wash and rinse water was pumped into additional drums.

GGTR collected a sample of the rinsate water from the tank and submitted it to Accutest Laboratories (State Certification #08258CA) under a formal Chain-of-Custody protocol. The rinsate sample was analyzed for Total Petroleum Hydrocarbons (TPH) Extractable TPH (C10-C28) and TPH (>C28-C40) by Method SW846 8015B M SW846 3510C. The attached Table provided by Accutest Laboratories presents a summary of the rinsate sample analytical results. A copy of the laboratory certificate of analysis and chain of custody form is included as an attachment.

On December 16, 2013, OFD Inspector Keith Matthews tested the lower explosive limit (LEL) and oxygen (O_2) levels in the tank with a Cannonball 3 combustible gas meter. The LEL and O_2 levels were 0% and 20.9%, respectively.

On December 16, 2013, as directed by Keith Matthews of the OFD, GGTR removed the tank from the excavation. After a visual inspection, the tank was loaded into a truck and transported as scrap metal to Circosta Iron & Metal, Inc. in San Francisco, California. Copies of the Certificate of Disposal and Circosta Scrap Metal Recycling Receipt are 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. Soil discoloration and hydrocarbon odors were observed in the stockpiled overburden soil and soil underlying the tank. Soil observed during the UST removal was predominantly clay. No groundwater was observed in the excavation during tank removal activities. Because of holes in the tank and soil contamination, an Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report was required by the OFD. A copy of this report is included as an attachment.

5. TANK SAMPLING & ANALYSIS

On December 16, 2013, under the direction of Keith Matthews of the OFD, GGTR collected one four-point composite soil sample from the stockpiled overburden and two discrete soil samples from the former tank excavation, approximately 2 feet below the bottom of the tank. The composite sample was labeled 9399-SP-COMP(A-D) and the discrete samples were labeled 9399-E-7 and 9399-W-7. Soil sample 9399-E-7 was collected beneath the east end of the tank bottom at approximately 7 fbg, and 9399-W-7 was collected beneath the west end of the tank bottom at approximately 7 fbg. All samples were transported to Accutest Laboratories (State Certification #08258CA) under the formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate soil sample locations.

All soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) as TPH (C10-C28) and TPH (>C28-C40) by EPA Method SW846 8015B M, and Benzene, Toluene, Ethyl Benzene, Total Xylenes (BTEX) and Naphthalene by EPA Method SW846 8260B.

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. OVER-EXCAVATION & CONFIRMATION SAMPLING

Based on the elevated concentration of TPH as diesel reported in the discrete soil samples collected beneath each end of the UST, GGTR, on December 24, 2013, revisited the site to perform over-excavation and confirmation sampling activities. Sheryl Skillern of OFD provided oversight for the over-excavation activities. GGTR over-excavated the UST cavity to 12 fbg and removed approximately 32.75 tons of residual hydrocarbon-impacted soil. The impacted soil was temporarily placed in a roll-off bin in the parking lane of Paramount Road for future offsite transportation and disposal. GGTR then collected two additional discrete confirmation soil samples. Soil sample 9399-E-12 was collected from the east end of the excavation at approximately 12 fbg, and 9399-W-12 was collected from the west end of the excavation at approximately 12 fbg. The additional samples were transported to Accutest Laboratories under the formal chain-of-custody protocol for the required analyses.

The samples were analyzed for TPH as TPH (C10-C28) an TPH (>C28-C40) by EPA Method SW846 8015B M, BTEX and Naphthalene by EPA Method SW846 8260B. 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.

8. WASTE MANAGEMENT & SOIL DISPOSAL

Following waste profiling and facility acceptance, GGTR, on January 8 & 9, 2014, transported the Non-Hazardous Solid Waste (32.75 tons) under Non-Hazardous Waste Profile No. 4212140166 to Keller Canyon Landfill Facility in Pittsburg, CA. Copies of the solid waste manifests and associated weight tags are included as an attachment.

9. SITE RESTORATION

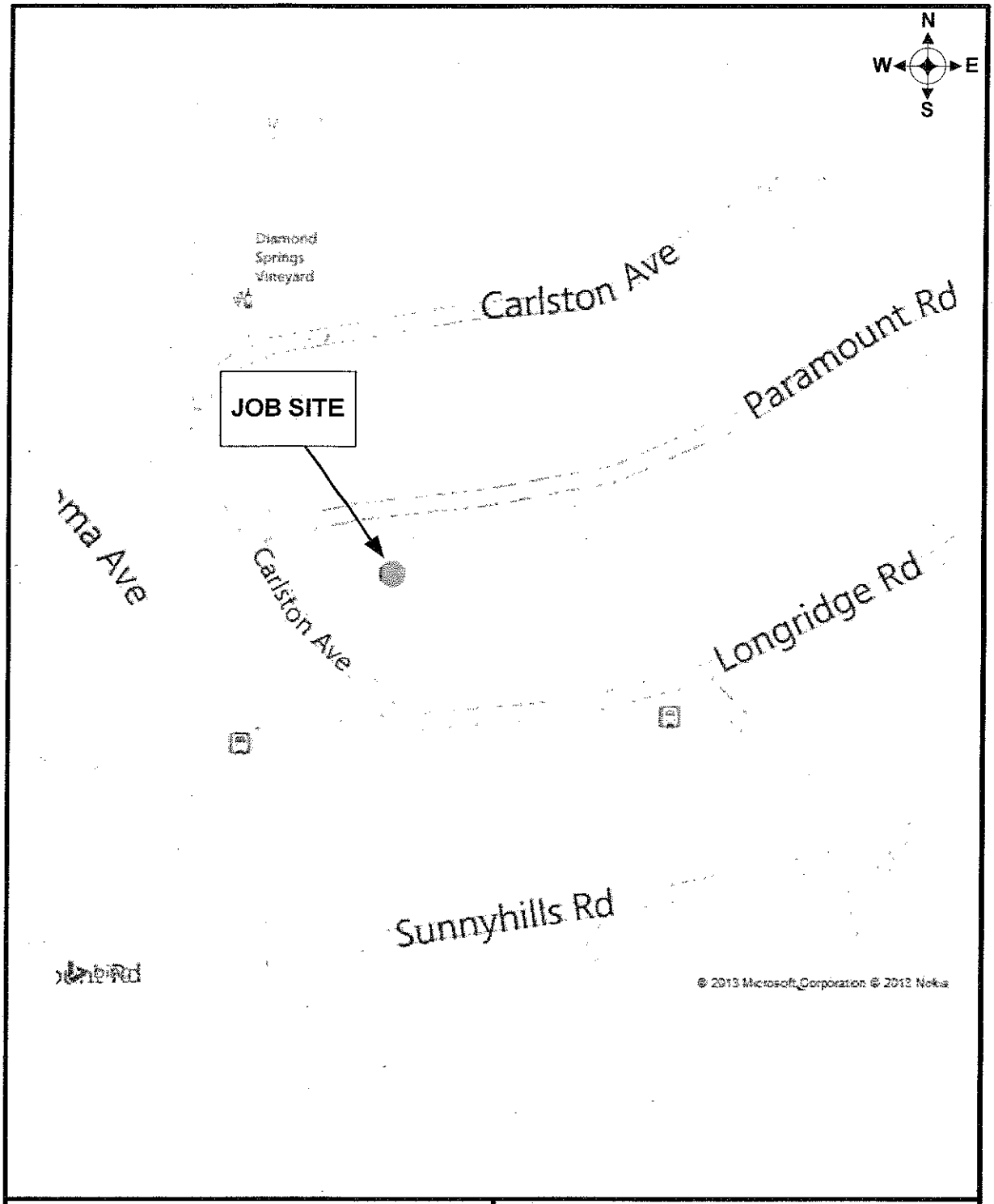
On December 26, 2013, GGTR returned to the site to backfill the excavation with the clean import material. The soil was placed in 12" lifts and compacted using a jumping jack compactor. The excavation backfill soil was subsequently compacted and the site was restored to its original condition.

10. FINDINGS / RECOMMENDATION

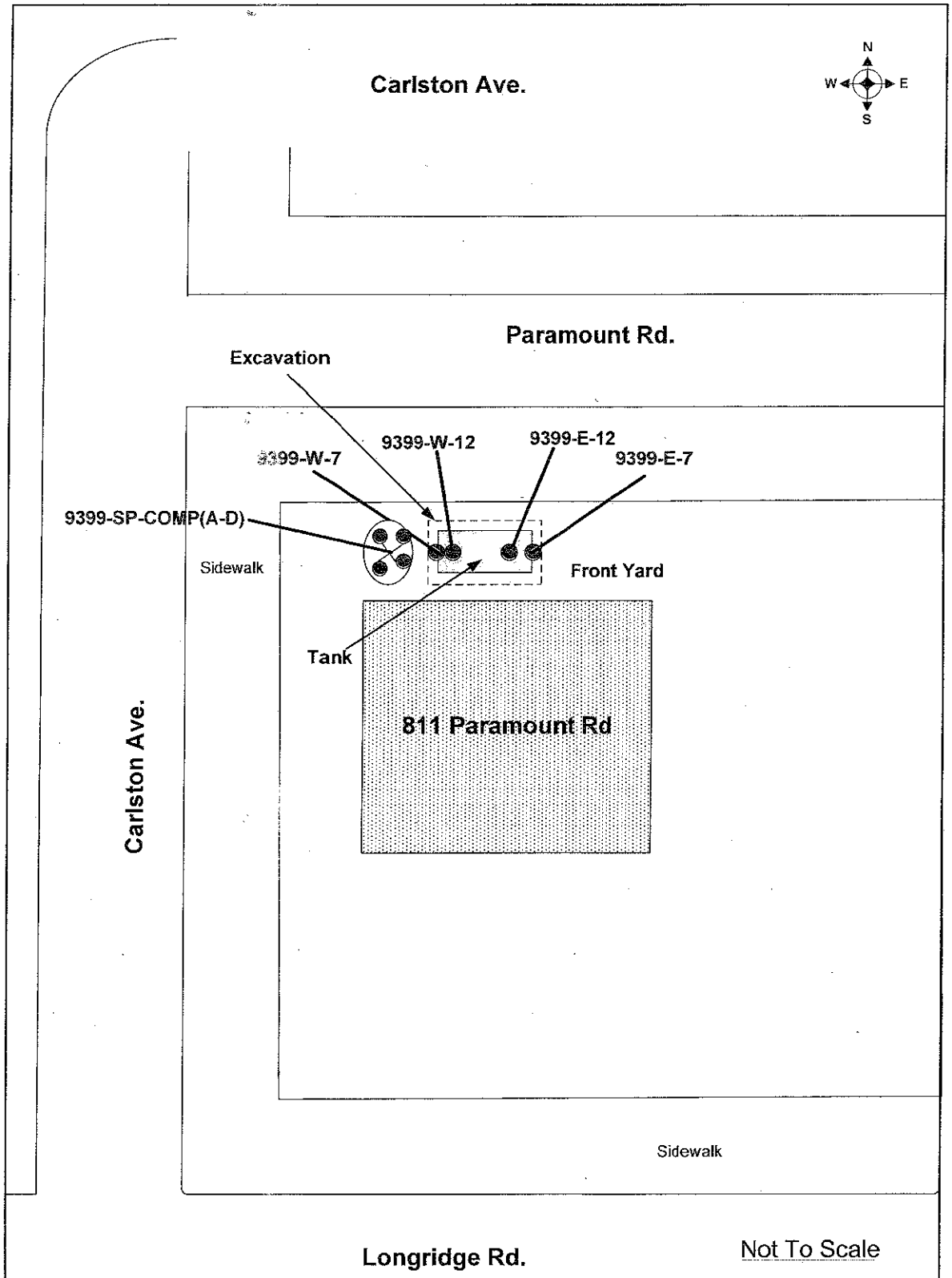
There were visible holes in the tank, and visually contaminated soil was observed directly beneath the tank. As well, lab analysis reported elevated concentrations of TPH as diesel in the confirmation soil samples collected beneath each end of the UST. Based on field observations and sample analysis, GGTR proposed to over-excavate the impacted material and conduct confirmation sampling. Following OFD approval, the impacted soil was removed to approximately 12 fbg, properly profiled and transported for disposal to Keller Canyon Landfill Facility in Pittsburg, CA. The concentration of TPH as diesel measured in the additional confirmation soil sample collected at the bottom west end of the excavation (9399-W-12) exceeded the applicable environmental screening level for TPH (diesel-range hydrocarbons).

Per email correspondence (OFD - Sheryl Skillern) dated January 7, 2014, following its review, the OFD will forward this report to the Alameda County Health Care Services Agency - Environmental Health Division (ACHCSA-EHD). Any additional investigation at the site, if warranted, will be at the direction of the ACHCSA-EHD.

FIGURES



GOLDEN GATE TANK REMOVAL, INC. 1455 Yosemite Avenue San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964		**VICINITY MAP** 811 Paramount Road Oakland, CA 94610	
GGTR Project No.9399	*Drawing By: AC*	December 2013	***Figure 1***

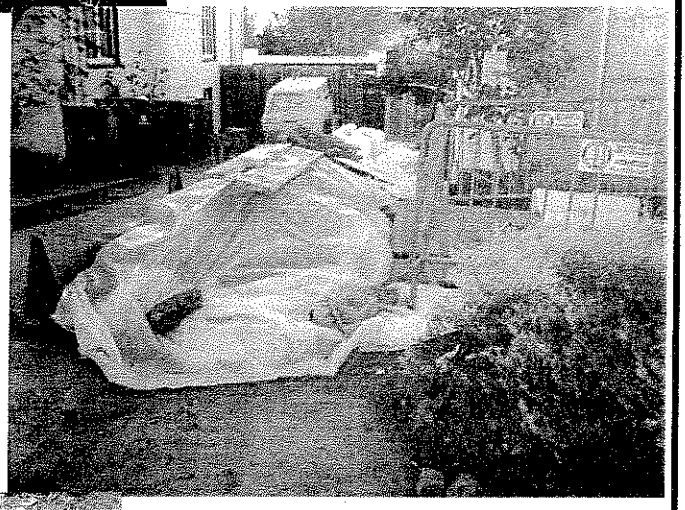


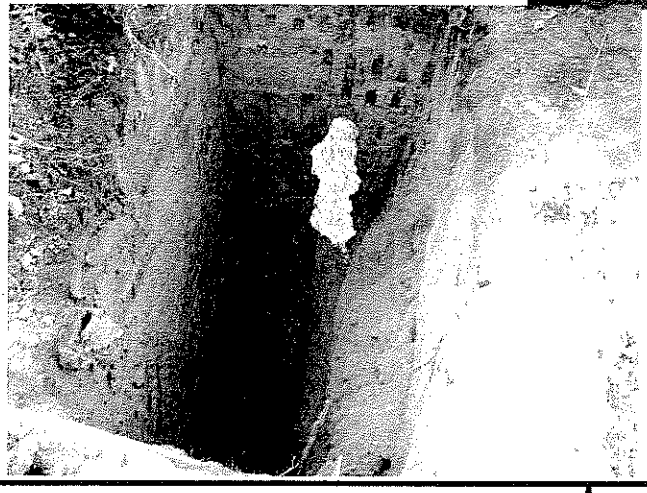
GOLDEN GATE TANK REMOVAL, INC. 1455 Yosemite Avenue, San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964	**Site Drawing** 811 Paramount Road Oakland, California 94610

GGTR Project No. 9399	*Drawing By: AC*	*January 2014*	***Figure 2***

TANK REMOVAL
IN PROCESS

SOIL STOCKPILED ON
VISQUEEN SHEETING





OVER-EXCAVATIONED
THE UST CAVITY TO 12
FEET BELOW GRADE

GOLDEN GATE TANK REMOVAL, INC. 1455 Yosemite Avenue San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964	**UST REMOVAL** 811 Paramount Road Oakland, CA 94610

GGTR Project No. 9399	*Drawing By: AC*	January 2014	***Figure 3***

TABLE

Accutest Northern California,Inc.				Dec 19, 2013 16:56 pm
Job Number:	C31432			
Account:	Golden Gate Tank Removal			
Project:	811 Paramount Rd. - Oakland, CA			
Project Number:	9399			
			Legend:	Hit
Client Sample ID:		9399-R3		
Lab Sample ID:		C31432-4		
Date Sampled:		12/11/2013		
Matrix:		Water		
GC Semi-volatiles (SW846 8015B M)				
TPH (C10-C28)	mg/l	5.74		
TPH (>C28-C40)	mg/l	1.19		
Client Sample ID:		9399-E-7	9399-SP-COMP(A-D)	9399-W-7
Lab Sample ID:		C31432-2	C31432-3	C31432-1
Date Sampled:		12/16/2013	12/16/2013	12/16/2013
Matrix:		Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)				
Benzene	ug/kg	ND (380)	ND (130)	ND (39)
Toluene	ug/kg	ND (380)	ND (130)	ND (39)
Ethylbenzene	ug/kg	1100 J	220 J	235 J
Xylene (total)	ug/kg	1370 J	1580 J	537 J
Naphthalene	ug/kg	47300	13300	7720
GC Semi-volatiles (SW846 8015B M)				
TPH (C10-C28)	mg/kg	9290	1920	1390
TPH (>C28-C40)	mg/kg	ND (500)	ND (98)	ND (99)

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Accutest Northern California,Inc.			Jan 02, 2014 12:52 pm
Job Number:	**C31576**		
Account:	**Golden Gate Tank Removal**		
Project:	**811 Paramount Rd. - Oakland, CA**		
Project Number:	**9399**		
		Legend:	Hit
Client Sample ID:		**9399-E-12**	**9399-W-12**
Lab Sample ID:		**C31576-2**	**C31576-1**
Date Sampled:		**12/24/2013**	**12/24/2013**
Matrix:		**Soil**	**Soil**
GC/MS Volatiles (SW846 8260B)			
Benzene	ug/kg	ND (0.50)	ND (240)
Toluene	ug/kg	ND (0.50)	ND (240)
Ethylbenzene	ug/kg	0.81 J	703 J
Xylene (total)	ug/kg	2.5 J	1870 J
Naphthalene	ug/kg	5.7	25200
GC Semi-volatiles (SW846 8015B M)			
TPH (C10-C28)	mg/kg	28.0	3960
TPH (>C28-C40)	mg/kg	ND (5.0)	ND (250)

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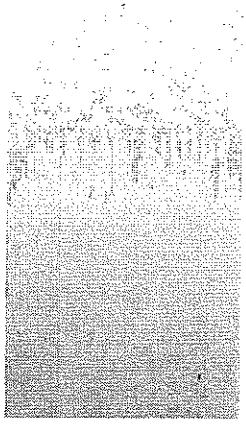
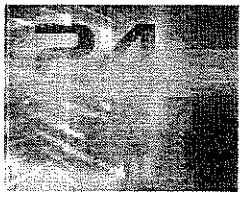
ATTACHMENTS

ANALYTICAL REPORT
UST CLOSURE INSPECTION RECORDS
CERTIFICATE OF TANK DISPOSAL
SCRAP METAL RECYCLING RECEIPT
LIQUID WASTE MANIFEST
SOLID WASTE MANIFEST & WEIGHT TAG
UST UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION REPORT
PERMITS





Technical Report for

Golden Gate Tank Removal

811 Paramount Rd. - Oakland, CA

9399

Accutest Job Number: C31432

Sampling Dates: 12/11/13 - 12/16/13

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: 32

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 (08258CA) AZ (AZ0762) DoD ELAP (L-A-B L2242)

Sections: 1 2 3 4 5 6

Table of Contents

Sample Summary

Golden Gate Tank Removal

Job No: C31432

811 Paramount Rd. - Oakland, CA
Project No: 9399

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C31432-1	12/16/13	15:00	RL	12/17/13	SO	Soil	9399-W-7
C31432-2	12/16/13	15:00	RL	12/17/13	SO	Soil	9399-E-7
C31432-3	12/16/13	15:00	RL	12/17/13	SO	Soil	9399-SP-COMP(A-D)
C31432-4	12/11/13	11:00	RL	12/17/13	AQ	Water	9399-R3

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

Summary of Hits

Job Number: C31432
Account: Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA
Collected: 12/11/13 thru 12/16/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C31432-1	9399-W-7					
Ethylbenzene		235 J	390	39	ug/kg	SW846 8260B
Xylene (total)		537 J	790	79	ug/kg	SW846 8260B
Naphthalene		7720	390	79	ug/kg	SW846 8260B
TPH (C10-C28)		1390	200	49	mg/kg	SW846 8015B M
C31432-2	9399-E-7					
Ethylbenzene		1100 J	3800	380	ug/kg	SW846 8260B
Xylene (total)		1370 J	7500	750	ug/kg	SW846 8260B
Naphthalene		47300	3800	750	ug/kg	SW846 8260B
TPH (C10-C28)		9290	990	250	mg/kg	SW846 8015B M
C31432-3	9399-SP-COMP(A-D)					
Ethylbenzene [a]		220 J	1300	130	ug/kg	SW846 8260B
Xylene (total) [a]		1580 J	2500	250	ug/kg	SW846 8260B
Naphthalene [a]		13300	1300	250	ug/kg	SW846 8260B
TPH (C10-C28)		1920	200	49	mg/kg	SW846 8015B M
C31432-4	9399-R3					
TPH (C10-C28)		5.74	0.48	0.12	mg/l	SW846 8015B M
TPH (>C28-C40)		1.19	0.96	0.24	mg/l	SW846 8015B M

(a) 4:1 composite.

Northern California
ACCUTEST
LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9399-W-7		
Lab Sample ID:	C31432-1	Date Sampled:	12/16/13
Matrix:	SO - Soil	Date Received:	12/17/13
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M43552.D	1	12/18/13	XB	n/a	n/a	VM1312
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.33 g	5.0 ml	50.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	390	39	ug/kg	
108-88-3	Toluene	ND	390	39	ug/kg	
100-41-4	Ethylbenzene	235	390	39	ug/kg	J
1330-20-7	Xylene (total)	537	790	79	ug/kg	J
91-20-3	Naphthalene	7720	390	79	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-130%
2037-26-5	Toluene-D8	110%		70-130%
460-00-4	4-Bromofluorobenzene	104%		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

Report of Analysis

Client Sample ID:	9399-W-7		
Lab Sample ID:	C31432-1	Date Sampled:	12/16/13
Matrix:	SO - Soil	Date Received:	12/17/13
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH310057.D	20	12/19/13	AG	12/17/13	OP9262	GHH1157
Run #2							

	Initial Weight	Final Volume
Run #1	10.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	1390	200	49	mg/kg	
	TPH (> C28-C40)	ND	390	99	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		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:	9399-E-7		
Lab Sample ID:	C31432-2	Date Sampled:	12/16/13
Matrix:	SO - Soil	Date Received:	12/17/13
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L29460.D	1	12/18/13	XB	n/a	n/a	VL928
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.65 g	5.0 ml	5.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	3800	380	ug/kg	
108-88-3	Toluene	ND	3800	380	ug/kg	
100-41-4	Ethylbenzene	1100	3800	380	ug/kg	J
1330-20-7	Xylene (total)	1370	7500	750	ug/kg	J
91-20-3	Naphthalene	47300	3800	750	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		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

Report of Analysis

Client Sample ID:	9399-E-7		
Lab Sample ID:	C31432-2	Date Sampled:	12/16/13
Matrix:	SO - Soil	Date Received:	12/17/13
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH310058.D	100	12/19/13	AG	12/17/13	OP9262	GHH1157
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	9290	990	250	mg/kg	
	TPH (>C28-C40)	ND	2000	500	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	90%		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:	9399-SP-COMP(A-D)		
Lab Sample ID:	C31432-3	Date Sampled:	12/16/13
Matrix:	SO - Soil	Date Received:	12/17/13
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M43596.D	1	12/19/13	XB	n/a	n/a	VM1313
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	20.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1300	130	ug/kg	
108-88-3	Toluene	ND	1300	130	ug/kg	
100-41-4	Ethylbenzene	220	1300	130	ug/kg	J
1330-20-7	Xylene (total)	1580	2500	250	ug/kg	J
91-20-3	Naphthalene	13300	1300	250	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	107%		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:	9399-SP-COMP(A-D)		
Lab Sample ID:	C31432-3	Date Sampled:	12/16/13
Matrix:	SO - Soil	Date Received:	12/17/13
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH310059.D	20	12/19/13	AG	12/17/13	OP9262	GHH1157
Run #2							

	Initial Weight	Final Volume
Run #1	10.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	1920	200	49	mg/kg	
	TPH (> C28-C40)	ND	390	98	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	83%		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:	9399-R3		
Lab Sample ID:	C31432-4	Date Sampled:	12/11/13
Matrix:	AQ - Water	Date Received:	12/17/13
Method:	SW846 8015B M SW846 3510C	Percent Solids:	n/a
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH310008.D	5	12/18/13	AG	12/17/13	OP9266	GHH1156
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	5.74	0.48	0.12	mg/l	
	TPH (>C28-C40)	1.19	0.96	0.24	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	95%		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

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

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

6 GTR CA3F5707

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest NC Job #: C C31432

Client / Reporting Information

Company Name: Golden Gate Tank Removal, Inc
Address: 1455 Yosemite Ave.
City: San Francisco State: CA. Zip: 94124
Project Contact: Tim Hallen
Phone #: 415-512-1555
Samplers's Name: RUBEN LIMON

Project Information

Project Name:
Street: 811 Paramount Rd.
City: Oakland State: CA.
Project #: 9399
EMAIL: achler@ggtr.com
Client Purchase Order #

Requested Analysis: TPH-DIESEL / HEATING OIL; BTEX / NAPHTHALENE; 8260B

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles (BT)	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MeOH	ENCORE	TPH-Diesel/Heating Oil	BTEX/Naphthalene	8260B	LAB USE ONLY
1	9399-W-7	12/16/13	1500	R.L.	SO	1									X	X		
2	9399-E-7	"	1500	R.L.	SO	1									X	X		
3	9399-SP-COMP(A-D)	"	1500	R.L.	SO	4									X	X	(4) (3)	NC
~~5~~ 4 NC	9399-R3	12/11/13	1100	R.L.	LIQ	1					1				X			

2 DAYS

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-O3; 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 (125% markup)
- 2 Day (150% markup) — 2 Day TAT
- 1 Day (200% markup)
- Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information
- [ ] Commercial "A" - Results only
- [x] 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: BT = BRASS TUBE

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]	12/17/13 0825	1 [signature] 0930	2 [signature]	12/17/13 1035	2 [signature]
3		3	4		4
5		5	Custody Seal #		

Appropriate Bottle / Pres: (Y)/N; Headspace Y/N N/A; On Ice (Y)/N; Labels match CoC? (Y)/N; Separate Receiving Check List used? (Y)/N; Cooler Temp. 4.8-0.5=4.3 °c

C31432: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C31432 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 811 PARMOUNT Road - Oakland, CA

Date / Time Received: 12/17/2013 **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (4.8/4.3); 0

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:	IR1 Glass;		
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

C31432: Chain of Custody
Page 2 of 2

Northern California
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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: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1312-MB	M43533.D	1	12/17/13	XB	n/a	n/a	VM1312

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

C31432-1

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	94%	70-130%
2037-26-5	Toluene-D8	113%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

Method Blank Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL928-MB	L29441.D	1	12/18/13	XB	n/a	n/a	VL928

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

C31432-2

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	97%	70-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

Method Blank Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1313-MB	M43576.D	1	12/18/13	XB	n/a	n/a	VM1313

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

C31432-3

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	108%	70-130%
2037-26-5	Toluene-D8	113%	70-130%
460-00-4	4-Bromofluorobenzene	109%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1312-BS	M43531.D	1	12/17/13	XB	n/a	n/a	VM1312
VM1312-BSD	M43532.D	1	12/17/13	XB	n/a	n/a	VM1312

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

C31432-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	38.7	97	39.1	98	1	81-119/20
100-41-4	Ethylbenzene	40	41.1	103	40.7	102	1	80-119/21
91-20-3	Naphthalene	40	39.2	98	40.4	101	3	78-125/23
108-88-3	Toluene	40	43.0	108	41.2	103	4	80-117/21
1330-20-7	Xylene (total)	120	121	101	121	101	0	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	99%	96%	70-130%
2037-26-5	Toluene-D8	116%	110%	70-130%
460-00-4	4-Bromofluorobenzene	105%	103%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL928-BS	L29438.D	1	12/18/13	XB	n/a	n/a	VL928
VL928-BSD	L29439.D	1	12/18/13	XB	n/a	n/a	VL928

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

C31432-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	35.8	90	37.7	94	5	81-119/20
100-41-4	Ethylbenzene	40	36.3	91	42.5	106	16	80-119/21
91-20-3	Naphthalene	40	38.5	96	41.1	103	7	78-125/23
108-88-3	Toluene	40	37.9	95	41.1	103	8	80-117/21
1330-20-7	Xylene (total)	120	106	88	124	103	16	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	100%	97%	70-130%
2037-26-5	Toluene-D8	105%	104%	70-130%
460-00-4	4-Bromofluorobenzene	97%	99%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1313-BS	M43574.D	1	12/18/13	XB	n/a	n/a	VM1313
VM1313-BSD	M43575.D	1	12/18/13	XB	n/a	n/a	VM1313

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

C31432-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	39.6	99	39.9	100	1	81-119/20
100-41-4	Ethylbenzene	40	41.1	103	41.5	104	1	80-119/21
91-20-3	Naphthalene	40	41.1	103	41.3	103	0	78-125/23
108-88-3	Toluene	40	39.1	98	39.6	99	1	80-117/21
1330-20-7	Xylene (total)	120	116	97	117	98	1	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	110%	111%	70-130%
2037-26-5	Toluene-D8	109%	108%	70-130%
460-00-4	4-Bromofluorobenzene	111%	111%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C31431-2MS	M43538.D	1	12/17/13	XB	n/a	n/a	VM1312
C31431-2MSD	M43539.D	1	12/17/13	XB	n/a	n/a	VM1312
C31431-2	M43535.D	1	12/17/13	XB	n/a	n/a	VM1312

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

C31432-1

CAS No.	Compound	C31431-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		38.8	35.3	91	36.8	93	4	81-119/20
100-41-4	Ethylbenzene	ND		38.8	38.5	99	37.8	95	2	80-119/21
91-20-3	Naphthalene	ND		38.8	40.7	105	42.0	106	3	78-125/23
108-88-3	Toluene	ND		38.8	36.4	94	37.1	93	2	80-117/21
1330-20-7	Xylene (total)	ND		116	113	97	114	96	1	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C31431-2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	98%	70-130%
2037-26-5	Toluene-D8	106%	104%	113%	70-130%
460-00-4	4-Bromofluorobenzene	108%	106%	108%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C31440-7MS	L29458.D	1	12/18/13	XB	n/a	n/a	VL928
C31440-7MSD	L29459.D	1	12/18/13	XB	n/a	n/a	VL928
C31440-7	L29446.D	1	12/18/13	XB	n/a	n/a	VL928

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

C31432-2

CAS No.	Compound	C31440-7 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.6	31.3	79* [a]	31.2	80* [a]	0	81-119/20
100-41-4	Ethylbenzene	ND		39.6	30.5	77* [a]	29.9	76* [a]	2	80-119/21
91-20-3	Naphthalene	ND		39.6	29.3	74* [a]	29.6	76* [a]	1	78-125/23
108-88-3	Toluene	ND		39.6	31.7	80	31.4	80	1	80-117/21
1330-20-7	Xylene (total)	ND		119	89.8	76* [a]	88.9	76* [a]	1	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C31440-7	Limits
1868-53-7	Dibromofluoromethane	101%	103%	106%	70-130%
2037-26-5	Toluene-D8	101%	99%	107%	70-130%
460-00-4	4-Bromofluorobenzene	98%	97%	98%	70-130%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C31439-9MS	M43594.D	1	12/19/13	XB	n/a	n/a	VM1313
C31439-9MSD	M43595.D	1	12/19/13	XB	n/a	n/a	VM1313
C31439-9	M43578.D	1	12/18/13	XB	n/a	n/a	VM1313

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

C31432-3

CAS No.	Compound	C31439-9 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		1990	1830	92	1860	93	2	81-119/20
100-41-4	Ethylbenzene	86.9	J	1990	1970	95	1990	96	1	80-119/21
91-20-3	Naphthalene	227	J	1990	2070	93	2140	96	3	78-125/23
108-88-3	Toluene	246	J	1990	2080	92	2140	95	3	80-117/21
1330-20-7	Xylene (total)	830		5980	6350	92	6510	95	2	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C31439-9	Limits
1868-53-7	Dibromofluoromethane	103%	106%	102%	70-130%
2037-26-5	Toluene-D8	108%	109%	114%	70-130%
460-00-4	4-Bromofluorobenzene	104%	105%	111%	70-130%

* = Outside of Control Limits.

Northern California
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LABORATORIES

GC Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9262-MB	HH310029.D	1	12/18/13	AG	12/17/13	OP9262	GHH1157

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

C31432-1, C31432-2, C31432-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	2.5	mg/kg	
	TPH (>C28-C40)	ND	20	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	91%	37-122%

6.1.1

Method Blank Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9266-MB	HH310000.D	1	12/18/13	AG	12/17/13	OP9266	GHH1156

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

C31432-4

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	92%	32-124%

6.1.2

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9262-BS	HH310027.D	1	12/18/13	AG	12/17/13	OP9262	GHH1157
OP9262-BSD	HH310028.D	1	12/18/13	AG	12/17/13	OP9262	GHH1157

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

C31432-1, C31432-2, C31432-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	100	85.0	85	83.8	84	1	39-102/29
	TPH (>C28-C40)	100	103	103	102	102	1	42-111/26

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	90%	96%	37-122%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9266-BS	HH309997.D	1	12/18/13	AG	12/17/13	OP9266	GHH1156
OP9266-BSD	HH309998.D	1	12/18/13	AG	12/17/13	OP9266	GHH1156

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

C31432-4

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	1	0.757	76	0.782	78	3	38-115/22
	TPH (>C28-C40)	1	0.958	96	0.984	98	3	45-114/20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	91%	92%	32-124%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9262-MS	HH310050.D	1	12/19/13	AG	12/17/13	OP9262	GHH1157
OP9262-MSD	HH310051.D	1	12/19/13	AG	12/17/13	OP9262	GHH1157
C31431-1	HH310030.D	1	12/18/13	AG	12/17/13	OP9262	GHH1157

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

C31432-1, C31432-2, C31432-3

CAS No.	Compound	C31431-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	ND		99.8	73.8	74	78.6	79	6	39-102/29
	TPH (>C28-C40)	ND		99.8	106	106	102	102	4	42-111/26

CAS No.	Surrogate Recoveries	MS	MSD	C31431-1	Limits
630-01-3	Hexacosane	81%	82%	80%	37-122%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31432
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9266-MS	HH309995.D	1	12/18/13	AG	12/17/13	OP9266	GHH1156
OP9266-MSD	HH309996.D	1	12/18/13	AG	12/17/13	OP9266	GHH1156
C31403-8	HH309994.D	1	12/18/13	AG	12/17/13	OP9266	GHH1156

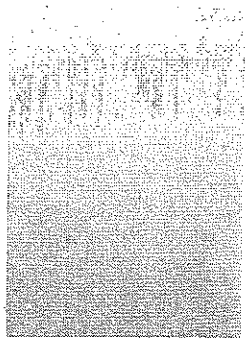
The QC reported here applies to the following samples: Method: SW846 8015B M

C31432-4

CAS No.	Compound	C31403-8 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	0.0616	J	1.89	1.65	84	1.65	84	0	38-115/22
	TPH (>C28-C40)	0.176	J	1.89	2.09	105	2.08	104	0	45-114/20

CAS No.	Surrogate Recoveries	MS	MSD	C31403-8	Limits
630-01-3	Hexacosane	98%	97%	94%	32-124%

* = Outside of Control Limits.



Technical Report for

Golden Gate Tank Removal

811 Paramount Rd. - Oakland, CA

9399

Accutest Job Number: C31576

Sampling Date: 12/24/13

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: 21

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 (08258CA) AZ (AZ0762) DoD ELAP (L-A-B L2242)

Table of Contents

Sample Summary

Golden Gate Tank Removal

Job No: C31576

811 Paramount Rd. - Oakland, CA
Project No: 9399

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C31576-1	12/24/13	11:00	HM	12/26/13	SO	Soil	9399-W-12
C31576-2	12/24/13	11:00	HM	12/26/13	SO	Soil	9399-E-12

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

Summary of Hits

Job Number: C31576
Account: Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA
Collected: 12/24/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C31576-1	9399-W-12					
Ethylbenzene		703 J	2400	240	ug/kg	SW846 8260B
Xylene (total)		1870 J	4900	490	ug/kg	SW846 8260B
Naphthalene		25200	2400	490	ug/kg	SW846 8260B
TPH (C10-C28)		3960	490	120	mg/kg	SW846 8015B M
C31576-2	9399-E-12					
Ethylbenzene		0.81 J	5.0	0.50	ug/kg	SW846 8260B
Xylene (total)		2.5 J	9.9	0.99	ug/kg	SW846 8260B
Naphthalene		5.7	5.0	0.99	ug/kg	SW846 8260B
TPH (C10-C28)		28.0	9.9	2.5	mg/kg	SW846 8015B M

Northern California
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LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9399-W-12		
Lab Sample ID:	C31576-1	Date Sampled:	12/24/13
Matrix:	SO - Soil	Date Received:	12/26/13
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M43724.D	1	12/30/13	XB	n/a	n/a	VM1316
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.38 g	5.0 ml	8.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2400	240	ug/kg	
108-88-3	Toluene	ND	2400	240	ug/kg	
100-41-4	Ethylbenzene	703	2400	240	ug/kg	J
1330-20-7	Xylene (total)	1870	4900	490	ug/kg	J
91-20-3	Naphthalene	25200	2400	490	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	114%		70-130%
460-00-4	4-Bromofluorobenzene	110%		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

Report of Analysis

Client Sample ID:	9399-W-12		
Lab Sample ID:	C31576-1	Date Sampled:	12/24/13
Matrix:	SO - Soil	Date Received:	12/26/13
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG49616.D	50	12/31/13	NN	12/26/13	OP9312	GGG1372
Run #2							

	Initial Weight	Final Volume
Run #1	10.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	3960	490	120	mg/kg	
	TPH (>C28-C40)	ND	980	250	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	105%		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:	9399-E-12		
Lab Sample ID:	C31576-2	Date Sampled:	12/24/13
Matrix:	SO - Soil	Date Received:	12/26/13
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M43715.D	1	12/30/13	XB	n/a	n/a	VM1316
Run #2							

	Initial Weight
Run #1	5.04 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	0.81	5.0	0.50	ug/kg	J
1330-20-7	Xylene (total)	2.5	9.9	0.99	ug/kg	J
91-20-3	Naphthalene	5.7	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	113%		70-130%
460-00-4	4-Bromofluorobenzene	117%		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

Report of Analysis

Client Sample ID:	9399-E-12		
Lab Sample ID:	C31576-2	Date Sampled:	12/24/13
Matrix:	SO - Soil	Date Received:	12/26/13
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	811 Paramount Rd. - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG49617.D	1	12/31/13	NN	12/26/13	OP9312	GGG1372
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	28.0	9.9	2.5	mg/kg	
	TPH (>C28-C40)	ND	20	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	92%		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

Northern California ACCUTEST LABORATORIES

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

GGTRCASF5107

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C31576

Client / Reporting Information

Company Name: GGTC, INC
Address: 1455 YOSEMITE AVE
City: SF State: CA Zip: 94124
Project Contact: JIM HALLEN
Phone #: 415-822-1555
Sampler's Name: HOWARD MORA

Project Information

Project Name:
Street: 871 PARAMOUNT RD
City: OAKLAND State: CA
Project #: 9399
EMAIL: GINA.WEE@GGTC.COM
Client Purchase Order #:

Requested Analysis

TPH-DIESEL/HD
BTEX/NAPTHALENE

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: HCl	TPH-DIESEL/HD	BTEX/NAPTHALENE	LAB USE ONLY
1	9399-W-12	12/24	11 AM	HOWARD	SO	1		X	X	
2	9399-E-12	12/24	11AM	HOWARD	SO	1		X	X	

Turnaround Time (Business days)

4 DAY TAT
Approved By/ Date:
10 Day
5 Day REGULAR
3 Day (125% markup)
2 Day (150% markup)
1 Day (200% markup)
Same Day (300% markup)
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	HOWARD	12/24/13	10830	2 Ron Janisch	12/26/13 1008	2
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Preservative Y/N	Headspace Y/N N/A On Ice Y/N Cooler Temp.
					Labels match COC Y/N	Separate Receiving Check List used: Y/N 2.8-1.5=1.3C

C31576: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C31576 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 811 PARAMOUNT RD. - Oakland, CA

Date / Time Received: 12/26/2013 **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (2.8/1.3); 0

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:	IR1 Plastic;		
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

4.1

C31576: Chain of Custody
Page 2 of 2

Northern California
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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: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1316-MB	M43711.D	1	12/30/13	XB	n/a	n/a	VM1316

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

C31576-1, C31576-2

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	103%	70-130%
2037-26-5	Toluene-D8	111%	70-130%
460-00-4	4-Bromofluorobenzene	108%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1316-BS	M43708.D	1	12/30/13	XB	n/a	n/a	VM1316
VM1316-BSD	M43709.D	1	12/30/13	XB	n/a	n/a	VM1316

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

C31576-1, C31576-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	36.8	92	37.0	93	1	81-119/20
100-41-4	Ethylbenzene	40	38.8	97	38.4	96	1	80-119/21
91-20-3	Naphthalene	40	36.5	91	36.2	91	1	78-125/23
108-88-3	Toluene	40	37.3	93	38.0	95	2	80-117/21
1330-20-7	Xylene (total)	120	106	88	107	89	1	81-122/22

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	102%	103%	70-130%
2037-26-5	Toluene-D8	108%	109%	70-130%
460-00-4	4-Bromofluorobenzene	108%	110%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1316-LCS	M43710.D	1	12/30/13	XB	n/a	n/a	VM1316

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

C31576-1, C31576-2

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	112%	70-130%
460-00-4	4-Bromofluorobenzene	111%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C31588-2MS	M43717.D	1	12/30/13	XB	n/a	n/a	VM1316
C31588-2MSD	M43718.D	1	12/30/13	XB	n/a	n/a	VM1316
C31588-2	M43714.D	1	12/30/13	XB	n/a	n/a	VM1316

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

C31576-1, C31576-2

CAS No.	Compound	C31588-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.1	37.9	97	38.4	97	1	81-119/20
100-41-4	Ethylbenzene	ND		39.1	39.0	100	40.2	101	3	80-119/21
91-20-3	Naphthalene	ND		39.1	44.4	114	45.5	115	2	78-125/23
108-88-3	Toluene	ND		39.1	37.6	96	39.3	99	4	80-117/21
1330-20-7	Xylene (total)	ND		117	111	95	117	98	5	81-122/22

CAS No.	Surrogate Recoveries	MS	MSD	C31588-2	Limits
1868-53-7	Dibromofluoromethane	109%	105%	112%	70-130%
2037-26-5	Toluene-D8	105%	106%	115%	70-130%
460-00-4	4-Bromofluorobenzene	109%	109%	112%	70-130%

* = Outside of Control Limits.

Northern California
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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: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9312-MB	GG49615.D	1	12/31/13	NN	12/26/13	OP9312	GGG1372

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

C31576-1, C31576-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	2.5	mg/kg	
	TPH (> C28-C40)	ND	20	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	105%	37-122%

6.1.1

Blank Spike/Blank Spike Duplicate Summary

Job Number: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9312-BS	GG49613.D	1	12/31/13	NN	12/26/13	OP9312	GGG1372
OP9312-BSD	GG49614.D	1	12/31/13	NN	12/26/13	OP9312	GGG1372

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

C31576-1, C31576-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	100	83.7	84	76.3	76	9	39-102/29
	TPH (>C28-C40)	100	90.6	91	80.8	81	11	42-111/26

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	113%	97%	37-122%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C31576
Account: GGTRCASF Golden Gate Tank Removal
Project: 811 Paramount Rd. - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP9312-MS	GG49618.D	50	12/31/13	NN	12/26/13	OP9312	GGG1372
OP9312-MSD	GG49619.D	50	12/31/13	NN	12/26/13	OP9312	GGG1372
C31576-1	GG49616.D	50	12/31/13	NN	12/26/13	OP9312	GGG1372

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

C31576-1, C31576-2

CAS No.	Compound	C31576-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	3960		98.6	2990	-984* [a]	3320	-650* [a]	10	39-102/29
	TPH (>C28-C40)	ND		98.6	ND	0*	ND	0*	nc	42-111/26

CAS No.	Surrogate Recoveries	MS	MSD	C31576-1	Limits
630-01-3	Hexacosane	98%	99%	105%	37-122%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

OAKLAND FIRE DEPARTMENT, OES
UNDERGROUND STORAGE TANK CLOSURE/REMOVAL FIELD INSPECTION REPORT

Site Address:	Name of Facility:
Inspector:	Contact on site:
Date and Time of Arrival:	Contractor/Consultant:

General Requirements	Yes	No	N/A
Approved closure plan on site.	X		
Changes to approved plan noted.		X	
Residuals properly stored/transported.	X		
Receipt for adequate dry ice noted.			X

General Requirements	Yes	No	N/A
Site Safety Plan properly signed.	X		
40B:C fire extinguisher on site.	X		
"No Smoking" signs posted.	X		
Gas detector challenged by inspector.	X		

Tank Observations	T #1	T #2	T #3	T #4
Tank Capacity (gallons)	250			
Material last stored	Diesel			
Dry ice used (pounds)	Unk			
Combustible gas concentration as %LEL. *(Note time & sampling point)*				
(1)	0			
(2)				
(3)				
Oxygen concentration as % volume. *(Note time &sampling point.)*				
(1)	21.8			
(2)				
(3)				
Tank Material				
Wrapping/Coating, if any				
Obvious holes?				

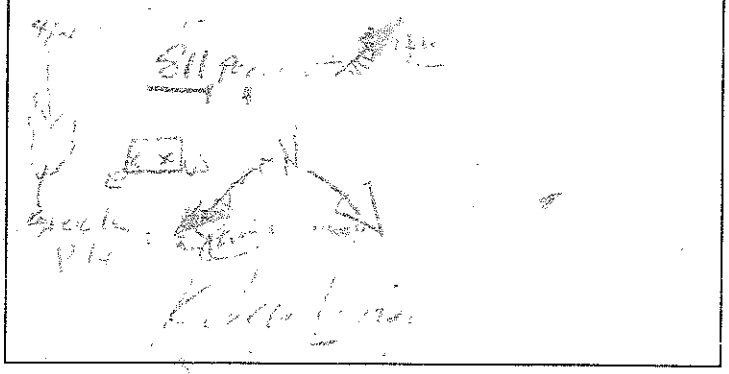
Tank Observations	T #1	T #2	T #3	T #4
Obvious corrosion?	Yes			
Obvious odors from tank?	No			
Seams intact?	Yes			
Tank bed backfill material	No			
Obvious discoloration?	Yes			
Obvious odors ex tank bed?	Yes			
Water in excavation?	No			
Sheen/product on water?	NA			
Tank tagged by transporter?	No			
Tank wrapped for transport?	No			
Tank plugged w/ vent cap?	No			
Date/time tank hauled off?	[illegible]			
No. of soil samples taken?	2			
Depth of soil samples (ft. bgs)	7.5			

Piping Removal	Yes	No	N/A
All piping removed hauled off w/ tanks?	X		
Obvious holes on pipes?		X	
Obvious odors from pipes?		X	
Obvious soil discoloration in piping trench?			X
Obvious odors from piping trench?		X	
Water in piping trench?			X
Number & depth of soil samples from piping trench?			
Number & depth of water samples from piping trench?			

General Observations	Yes	No	N/A
Leak from any tank suspected?	X		
"Leak Report" form given to the operator?		X	
Obviously contaminated soil excavated?	X		
Soil stockpile sampled?	X		
Stockpile lined AND covered?	X		
Water in excavation sampled?		X	
Number/depth of water samples taken?			
All samples properly preserved for transport?	X		

Additional Observations	Yes	No	N/A
Soil/water sampling protocols acceptable?	X		
Sampling "chain of custody" noted?	X		
Tank pit filled in or covered?	X		
Tank pit fenced or barricaded?	X		
Transporter a registered HW hauler?			X
Uniform HW Manifest completed?			X
Contractor/Consultant reminded of complete UST Removal Report due within 30 days?	X		
Date/Time removal/closure operations completed?			
OT hours or additional charges due from contractor?			

SITE & SAMPLING DIAGRAM



Notes/Comments:

CERTIFICATE OF DISPOSAL

DATE:	December 16, 2013
PROJECT NUMBER:	9399
PROJECT ADDRESS:	811 Paramount Road, Oakland, CA 94610
TANK SIZE:	350 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 20.9%
- 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 and County of Alameda as an appropriate disposal method.

Copies of the analytical certificate the chain-of-custody prepared for the rinsate sample and the scrap metal receipt are attached to this Certification. If there are any questions regarding this tank, please contact this office.

Golden Gate Tank Removal, Inc.

1455 Yosemite Avenue • San Francisco, CA 94124 • Tel 415.512.1555 • Fax 415.512.0964

Circosta Iron ... d Metal Company Inc.

41[illegible] 282-8568
1801 Evans Avenue
San Fra[illegible]isco CA 94124
RC2707

Tick# 81811	By Sam	8:58:37 AM		12/18/2013
Gross	Tare	Net Lbs	Price	Amount
HMS - HMS #1			(SC=$210.00)	
34,260.00	28,400.00	5,860.00	210.00	615.30
Amt (Before Tax)				615.30
Sales Tax (0.08%)				0.00
Amt (After Tax)				$615.30
		Ticket Total		615.30

* SIX HUNDRED FIFTEEN AND 30 / 100

Date	Mode	Trn #	Amount
12/18/2013	Cash -		615.30

Print Name: JULIAN MORENO MALDONADO

CUSTOMER COPY

Address: 28289 CARDINAL ST

City/ST/Zip: HAYWARD/CA/94545

ID#: V9079601 Vehicle: 8k69189

State of issuance:

PAID BY DEC 19 2013

I hereby state that I'm the lawful owner of the material described above, that I have a right to sell [illegible] [illegible] material [illegible] [illegible] [illegible] [illegible] for [illegible] received in full [illegible] acknowledged.

[illegible] a Iron and Metal Company [illegible]

[illegible] must return this receipt 3 days [illegible] to receive money THANK YOU.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	2. Page 1 of 1	3. Document Number
	1	№ 10508

4. Generator's Name and Mailing Address

Ilona Frieden & Mark Jacobson
811 Paramount Road
Oakland, CA 94610-2436

Generator's Phone

5. Transporter Company Name	6. US EPA ID Number	7. Transporter Phone
Icon Environmental Services	CAL 000 362 980	

8. Designated Facility Name and Site Address	9. US EPA ID Number	10. Facility's Phone
Icon Environmental Services Inc 1220 Whipple Road Union City, CA 94587	CAL 000 369 026	510-476-1740

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous waste, liquid	005	DM	260	G
b.				

15. Special Handling Instructions and Additional Information

wear PPE
emergency contact
510-476-1740
attn: charly jaten

GGTR #9399

Handling Codes for Wastes Listed Above	
11a.	11b.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
~~Jeff Grant~~ JG Ascension Mora	~~Jeff Grant~~ JG Ascen Mora	1	20	14

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeff Grant	Jeff Grant	1	20	14

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name	Signature	Month	Day	Year
~~Ascension Mora~~ Charles Jenkins	~~Ascen Mora~~ [signature]	1	20	14

WHITE – ORIGINAL (Return to Generator)   YELLOW – TSDF (Retain Copy)   PINK – TRANSPORTER COPY   GOLDENROD – GENERATOR'S COPY

SITE

KELLER CANYON LANDFILL

Pittsburg, CA 925-458-9800

CUSTOMER

674678
Golden Gate Tank Removal, Inc.
1455 Yosemite Ave
San Francisco, CA 94124
4212140166

SITE	TICKET #	CELL
01	940756	

WEIGHMASTER: Manuel Z.

DATE/TIME IN	DATE/TIME OUT
01-08-2014 10:11 am	01-8-2014 10:11 am

VEHICLE: GGTR501

CONTAINER

REFERENCE: INVOICE

BILL OF LADING

SCALE IN	GROSS WEIGHT	44,460	NET TONS	11.30	
TARE OUT	TARE WEIGHT	21,860	NET WEIGHT	22,600	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
11.30	TN	SW-BENEFICIAL REUSE OAKLAND				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

NET AMOUNT

TENDERED

CHANGE

CHECK#

WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accurace, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food & Agriculture.

I acknowledge that I understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
N/A		1

d. Generator's Name and Location:	e. Generator's Mailing Address:
Ilona Frieden and Mark Jacobson 811 Paramount Road Oakland, CA 94610 f. Phone:510-928-6295	Ilona Frieden and Mark Jacobson 811 Paramount Road Oakland, CA 94610 g. Phone:510-928-6295
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4212140166	12/19/14	Soil				CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Annette Chen		1/8/14

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Golden Gate Tank Removal, Inc.
1455 Yosemite Avenue
San Francisco, CA 94124
b. Phone: 415-512-1555

Truck-501-5J29490

c. Driver Name (Print)	d. Signature	e. Date
Julian Maldonado		01-8-14

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565 b. Phone: 925-458-9800		

I herby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
Frank Cermak		1-8-14

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

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

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE: KELLER CANYON LANDFILL

Pittsburg, CA 925-458-9800

CUSTOMER

674678
Golden Gate Tank Removal, Inc.
1455 Yosemite Ave
San Francisco, CA 94124
4212140166

01 940844
WEIGHMASTER

Felipe C.
DATE/TIME IN: 01-08-2014 12:52 pm
DATE/TIME OUT: 01-8-2014 12:52 pm
VEHICLE: CCMP501
CONTAINER
REFERENCE: INVOICE
BILL OF LADING

SCALE IN — GROSS WEIGHT 45,680 — NET TONS 11.91
TARE OUT — TARE WEIGHT 21,860 — NET WEIGHT 23,820 — INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
11.91	TN	SW-BENEFICIAL REUSE OAKLAND				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

NET AMOUNT
TENDERED
CHANGE
CHECK#

WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accurace, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food & Agriculture.

I certify that I have read and understand the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE

RS-F042UPR (07/12) 2/21

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of 1
N/A		

d. Generator's Name and Location:
Ilona Frieden and Mark Jacobson
811 Paramount Road
Oakland, CA 94610
f. Phone:510-928-6295

e. Generator's Mailing Address:
Ilona Frieden and Mark Jacobson
811 Paramount Road
Oakland, CA 94610
g. Phone:510-928-6295

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4212140168	12/19/14	Soil				CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Annette Allen		1/9/14

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Golden Gate Tank Removal, Inc.
1455 Yosemite Avenue
San Francisco, CA 94124
b. Phone: 415-512-1555

Truck - 501 - 5J29490

c. Driver Name (Print)	d. Signature	e. Date
Julian Maldonado	Julian Maldonado	01-9-14

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565 b. Phone: 925-458-9800		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
FRANK ORTEGA		1-9-14

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

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

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
KELLER CANYON LANDFILL
Pittsburg, CA 925-458-9800

CUSTOMER
674678
Golden Gate Tank Removal, Inc.
1455 Yosemite Ave
San Francisco, CA 94124
4212140166

01 940990

WEIGHTMASTER

DATE/TIME IN
01-09-2014 10:07 am

DATE/TIME OUT
01-9-2014 10:07 am

VEHICLE
CCMP501

CONTAINER

REFERENCE
INVOICE

BILL OF LADING

SCALE IN	GROSS WEIGHT	41,000	NET TONS	9.57	
TARE OUT	TARE WEIGHT	21,860	NET WEIGHT	19,140	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	TRACKING QTY				
9.57	TN	SW-BENEFICIAL REUSE OAKLAND				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

NET AMOUNT

TENDERED

CHANGE

CHECK#

WEIGHMASTER CERTIFICATE - This is to certify that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accurace, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food & Agriculture.

I certify that I have read and understand the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE

RS-F042UPR (07/12) 2/21

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
N/A		1

d. Generator's Name and Location:	e. Generator's Mailing Address:
Ilona Frieden and Mark Jacobson 811 Paramount Road Oakland, CA 94610 f. Phone:510-928-6295	Ilona Frieden and Mark Jacobson 811 Paramount Road Oakland, CA 94610 g. Phone:510-928-6295
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
42121401E6	12/19/14	Soil				CY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Annette Chea		1/8/14

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Golden Gate Tank Removal, Inc.
1455 Yosemite Avenue
San Francisco, CA 94124
b. Phone: 415-512-1555

Truck-501-5J79490

c. Driver Name (Print)	d. Signature	e. Date
Julian Maldonado	Julian Maldonado	01-8-14

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565 b. Phone: 925-458-9800		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
[illegible] Gomez		1-8-14

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

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

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/ CONTAMINATION SITE REPORT

EMERGENCY ☐ Yes ☒ No

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ Yes ☐ No

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PERSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.
SIGNED _____ DATE _____

REPORT DATE: 12/17/13

CASE #:

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Annette Chen

PHONE: (415) 512-1555

SIGNATURE:

REPRESENTING: ☐ LOCAL AGENCY ☐ REGIONAL BOARD ☐ OWNER/OPERATOR ☒ OTHER... contractor

COMPANY OR AGENCY NAME: Golden Gate Tank Removal, Inc.

ADDRESS: 1455 Yosemite Ave. (STREET) San Francisco (CITY) CA (STATE) 94124 (ZIP)

RESPONSIBLE PARTY

NAME: Ilona Frieden and Mark Jacobson ☐ Unknown

PHONE: 510-928-6295

ADDRESS: 811 Paramount Road (STREET) Oakland (CITY) CA (STATE) 94610 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): 811 Paramount Road

OPERATOR:

PHONE:

ADDRESS: 811 Paramount Road (STREET) Oakland (CITY) Alameda (COUNTY) 94610 (ZIP)

CROSS STREET: Carlston Ave.

IMPLEMENTING AGENCIES

LOCAL AGENCY AGENCY NAME: City of Oakland Fire Department -Keith Matthews

PHONE: (510)238-2396

REGIONAL BOARD

PHONE:

SUBSTANCES INVOLVED

(1) NAME: Diesel QUANTITY LOST (GALLONS): _____ ☒ Unknown

(2) _____ ☐ Unknown

DISCOVERY/ABATEMENT

DATE DISCOVERED: 12/16/13

HOW DISCOVERED: ☐ Tank Test ☒ Tank Removal ☐ Nuisance Conditions ☐ Inventory Control ☐ Subsurface Monitoring ☐ Other...

DATE DISCHARGE BEGAN: ☒ Unknown

HAS DISCHARGE BEEN STOPPED? ☒ Yes ☐ No 12/16/13 IF YES, DATE

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☒ Remove Contents ☒ Close Tank & Removed ☐ Repair Tank ☐ Change Procedure ☐ Replace Tank ☐ Other... ☐ Repair Piping

SOURCE/ CAUSE

SOURCE OF DISCHARGE: ☐ Tank Leak ☐ Piping Leak ☒ Unknown ☐ Other...

CAUSE(S): ☐ Overfill ☐ Corrosion ☐ Rupture/Failure ☒ Unknown ☐ Spill ☐ Other...

CASE TYPE

CHECK ONE ONLY
☒ Undetermined ☐ Soil Only ☐ Groundwater ☐ Drinking Water - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☒ No Action Taken
☐ Leak Being Confirmed
☐ Remediation Plan
☐ Preliminary Site Assessment Workplan Submitted
☐ Preliminary Site Assessment Underway
☐ Case Closed (Cleanup Completed or Unnecessary)
☐ Pollution Characterization
☐ Post Cleanup Monitoring in Progress
☐ Cleanup Underway

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S)
☐ Cap Site (CD)
☐ Contamination Barrier (CB)
☐ Vacuum Extract (VE)
☒ Excavate & Dispose (ED)
☐ Excavate & Treat (ET)
☐ No Action Required (NA)
☐ Remove Free Product (FP)
☐ Pump & Treat Groundwater (GT)
☐ Treatment at Hookup (HU)
☐ Enhanced Bio Degradation (IT)
☐ Replace Supply (RS)
☐ Vent Soil (VS)
☐ Other...

COMMENTS

Significant soil contamination was visible. Holes found in the tank.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

I. FACILITY IDENTIFICATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
811 Paramount Rd, Oakland, CA

FACILITY ID# 1.

TANK OWNER NAME 740.
Ilona Frieden and Mark Jacobson

TANK OWNER ADDRESS 741.
811 Paramount Road

TANK OWNER CITY: Oakland 742. | STATE: CA 743. | ZIP CODE: 94610 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			Concentration of Oxygen		
			Top	Center	Bottom	Top	Center	Bottom
	1	745.	0% 746a.	0% 746b.	0% 746c.	20.9% 747a.	20.9% 747b.	20.9% 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
Brent Wheeler

NAME OF CERTIFIER (Print) 754.
Brent Wheeler

TITLE OF CERTIFIER 755.
Project Manager

ADDRESS 756.
1455 Yosemite Avenue

CITY 757.
San Francisco

PHONE 758.
415-512-1555

DATE 759.
12/16/13

CERTIFICATION TIME

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.

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

- ☐ 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.

Oakland Fire Department, Fire Prevention Bureau
250 Frank H. Ogawa Plaza, Ste. 3341
Oakland, CA 94612-2032

(510) 238-3851
TTY (510) 238-6884

Inspection Work Order

Business Name:	residence	Reason:	Tanks
Address:	811 Paramount RD	Scheduled:	
Job (Insp Ref#):	2013-36284	Assigned To:	Skillern, Sheryl

Comments: 12/3/13 - Underground Tank Removal Application review. Tim Hallen, 415-512-1555. Paid $668.0((1-insp. included) ro

Invoice #	2013-05291	Applicant:	
Invoice Amount	795.50	Applicant Ph#:	
		Contractor:	
		Contractor Ph#:	

Contact Name	Tim Hallen
Field Contact #	415-512-1555
Plan Drop Off Company	Golden Gate Tank Rer

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
ALL INSPECTIONS REQUIRE
48 HOUR NOTICE

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 811 Paramount Rd | **Phone#** 510-928-6295

Address 811 Paramount Rd, Oakland, CA 94610

Cross Street Carlston Ave.

Owner/Operator Ilona Frieden and Mark Jacobson | **Phone #** 510-928-6295

CONTRACTOR

Contractor Name Golden Gate Tank Removal, Inc. | **Phone #** (415) 512-1555

Contractor Address 1455 Yosemite Ave. | **CA License #** 616521 | **Class** A-Haz, C-8

Hazardous Waste Certified: (Qualifying license category A-Haz, C-8) Yes ☒ No ☐ | **Workers Comp#** 1947693-13

City of Oakland Business Tax License # 1307584 | **Permit #**

TANKS

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

State Tank ID#	Tank Size	Material That Was Stored	Proposed Removal Date
39- 1 (one)	500 Gallons	Diesel	A.S.A.P.
39-			
39-			
39-			
39-			
39-			

REVIEWED AND APPROVED
OAKLAND FIRE DEPT.
BY: [signature]
TITLE: Senior Hazmat Insp
DATE: 12/6/13
ALL INSPECTIONS REQUIRE

PLAN

___APPROVED ___APPROVED WITH CONDITION(S) ___DISAPPROVED

PLAN REVIEWER S SIGNATURE _____ DATE OF APPROVAL _____

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: 12/2/13

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: 12/2/13

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) _____ 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 _____ side of _____ St./Ave. _____ feet _____ of _____ St./Ave.

Site Address: 811 Paramount Rd, Oakland, CA 94610 Present storage Diesel

Owner: Ilona Frieden and Mark Jacobson Address 811 Paramount Road Phone 510-928-6295

Oakland CA 94610

Applicant: Golden Gate Tank Removal, Inc. Address 1455 Yosemite Ave. Phone (415) 512-1555

San Francisco CA 94124

Sidewalk surface to be disturbed _____ X _____ Number of Tanks 1 (one) Capacity 500 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. _____
Copies to: Electrical Inspection

Amt. Rec'd _____ Date Issued: _____
Ck# _____
Receipt# _____ Recv'd by: _____

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: Shayl Stella
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13

rev:05/98

INDICATE THE RESPONSIBLE PARTY TO BE BILLED FOR ADDITIONAL FSA/OES 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 Ilona Frieden and Mark Jacobson

MAILING ADDRESS 811 Paramount Road (STREET) Oakland (CITY) CA (STATE) 94610 (ZIP)

DAY PHONE NUMBER 510-928-6295 (area code / phone #)

SIGNATURE _____ -agent for the owner

DATE 12/2/13

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: _____
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
AHJ INSPECTOR

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 811 Paramount Rd.

Business Owner or Contact Person (PRINT) Ilona Frieden and Mark Jacobson

2) Site Address 811 Paramount Rd.

City Oakland Zip 94610 Phone 510-928-6295

3) Mailing Address 811 Paramount Road

City Oakland Zip 94601 Phone 510-928-6295

4) Property Owner Ilona Frieden and Mark Jacobson

Business Name (if applicable)

Address 811 Paramount Road

City, State Oakland CA Zip 94610

5) Generator name under which tank will be manifested

Ilona Frieden and Mark Jacobson

EPA ID Under which tank will be manifested CAC-002-753-051

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZ.MAT INSP.
DATE: 12/6/13

6) Contractor Golden Gate Tank Removal, Inc.

Address 1455 Yosemite 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 3/31/2014

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

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OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
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c) 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 1455 Yosemite 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 1455 Yosemite 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 _____

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OAKLAND FIRE DEPARTMENT
BY: Shyl Sall
TITLE: SENIOR HAZMAT INSP
DATE: 12/6/13
ALL INSPECTIONS
ARE DUE

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 tank 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)		
500	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: [signature]
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
ALL INSPECTIONS REQUIRE

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 DEPT
BY: [signature]
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
ALL INSPECTION
48 HOUR

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 12/2/13

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
NS REQUIRE

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business 811 Paramount Rd.

Name of Individual Ilona Frieden and Mark Jacobson

Signature _____ -agent for the owner Date 12/2/13

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;

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
TITLE: SENIOR HAZ MAT INSP
DATE: 12/6/13
ADDITIONAL REQUIREMENTS

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.

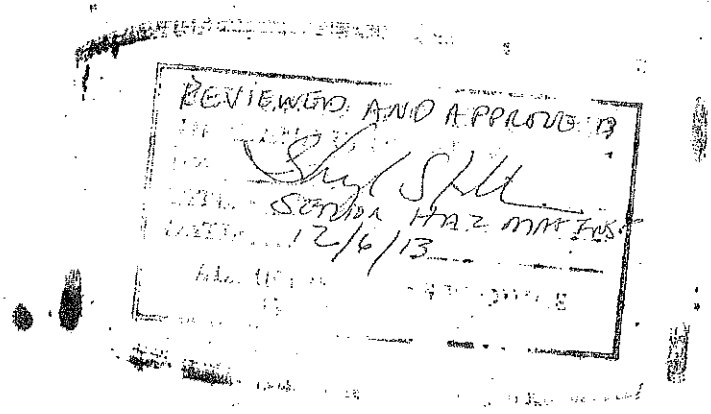
21) Blank unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Regional Water Quality Control Board (510) 286-1255. Larger quantities may be directly from the State Water Resources Control Board at (916) 739-2421.

BY: [signature]
TITLE: Senior HAZ MAT INSP
DATE: 12/6/13

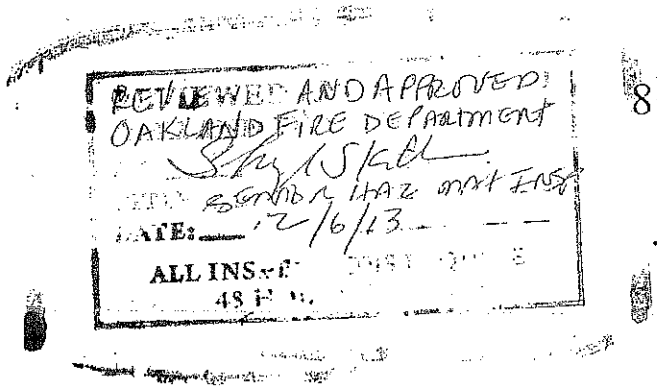
22) TANK CLOSURE REPORT

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.



SITE SAFETY PLAN
UNDERGROUND TANK REMOVAL



811 PARAMOUNT ROAD
OAKLAND, CA 94610

DECEMBER 2, 2013

GOLDEN GATE TANK REMOVAL, INC.
1455 YOSEMITE STREET
SAN FRANCISCO, CALIFORNIA 94124

PROJECT # 9399