



UNDERGROUND STORAGE TANK (T4)

CLOSURE REPORT

1110 Jackson Street
Oakland, CA 94607
Job No. 9669
January 13, 2017

Prepared For:

11J Family Housing, L.P.
1825 San Pablo Avenue
Oakland, CA 94612

Tim Hallen

Digitally signed by Tim Hallen
DN: cn=Tim Hallen, o=Golden
Gate Tank Removal, Inc., ou,
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Date: 2017.03.01 16:01:45 -0800

Tim Hallen
General Manager

TABLE OF CONTENTS

COVER SHEET

TABLE OF CONTENTS

1. SITE LOCATION.....	1
2. SITE HISTORY.....	1
3. TANK REMOVAL ACTIVITIES	1
4. UST REMOVAL AND SOIL SAMPLING	2
5. TANK AND SOIL CONDITION.....	2
6. UST SOIL SAMPLE DATA REVIEW	2
7. OVER-EXCAVATION & CONFIRMATION RE SAMPLING	3
8. CONFIRMATION RE SAMPLING DATA REVIEW	3
9. WASTE MANAGEMENT & SOIL DISPOSAL	4
10. SITE RESTORATION	4

FIGURES

ATTACHMENTS

1. SITE LOCATION

The residential development site is located at 1110 Jackson Street, at the southeast corner of the intersection of 12th and Jackson Streets in Oakland, California. Figure 1 attached shows the general site location.

2. SITE HISTORY

During site construction activities, one underground storage tank (UST) (hereinafter referred to as T4) containing diesel located beneath the sidewalk along the Jackson Street frontage of the property. T4 was constructed of single wall bare steel had a capacity of approximately 750 gallons, measuring 8.5 feet in length by 4 feet in diameter. The fill port was located at the south end of the tank. The age of the tank is unknown. The owner had no prior knowledge of the tank nor was there any indication of previous site investigation activities. The approximate location of the tank as well as nearby streets is shown in the attached Figure 2.

To facilitate removal activities, on November 14, 2016, GGTR collected residual product sample from inside the tank for proper disposal, the sample was taken to Curtis and Tompkins, Ltd (State ELAP # 2896). A copy of the Analytical Report is included as an attachment (**Curtis and Tompkins Laboratory Job # 283354**).

3. TANK REMOVAL ACTIVITIES

In November 2016, Golden Gate Tank Removal, Inc. (GGTR) applied for and obtained permits for the tank removal activities from the Alameda County Department of Environmental Health (ACDEH), the City of Oakland Fire Department (COFD) and City of Oakland Planning and Building Department (COPBD). A copy of each agency's permit is included as an attachment.

On November 21, 2016, GGTR mobilized its equipment and began work on the project. The concrete sidewalk covering the tank was removed and disposed of at a local recycler. The overburden soil covering T4 was removed and stockpiled on visqueen sheeting in the direct vicinity of the excavation. Field measurements indicated that the bottom of T4 was 8 feet below grade (fbg), subsurface product extending between the top of the tank and building structure and remote fill piping were cut at each end, drained of any residual product, and then exposed for inspection and removal from the excavation area. All vent and fill pipes were removed. Inaccessible pipe remaining in place beneath the building structure was drained and sealed at the exposed end.

As part of the removal operations, GGTR on November 23, 2016, GGTR contracted Patriot Environmental Services to pump the residual product from the tank and piping into a vacuum tanker truck. GGTR subsequently washed the interior of the tank with 180-degree water using a 3,000-psi pressure washer. A non-toxic enzyme was used to break down thick oil deposits. After a third washing Patriot Environmental removed the wash and rinse water from the tank and transported the Non-RCRA Hazardous Waste Liquid (totaling 600 Gallons) under Uniform Hazardous Waste Manifest No. 016098668JJK to the Riverbank Oil Transfer, LLC facility in Riverbank, California. A copy of the liquid manifest is included as an attachment.

As observed by OFD Inspector Sheryl Skillern, GGTR initially tested the lower explosive limit (LEL) and oxygen (O₂) levels within the tank using a QRAe⁺ Multi-Gas meter. The LEL and O₂ levels were 2% and 20.9% respectively.

GGTR subsequently inerted the interior of the tank by placing 40 pounds of dry ice pellets inside T4. Following approval from OFD inspector Sheryl Skillern and Steven Plunkett of ACDEH, GGTR removed T4 from the excavation and placed it upon plastic sheeting for inspection. After visual inspection the tank was loaded onto a flatbed truck and transported as *Non-RCRA Hazardous Waste Solid* under Uniform Hazardous Waste Manifest No. 013897226JJK to Ecology Control Industries in Richmond, CA. A copy of the manifest and Hazardous Waste Tank Closure Certification Form is attached. Figure 3 depicts photographs of the tank removal activities.

4. UST REMOVAL AND SOIL SAMPLING

Following tank removal, under the direction of Steven Plunkett of the ACHED, GGTR collected two discrete excavation soil samples approximately 2 feet beneath each end of the former tank and one 4-point composite soil sample from the stockpile of overburden soil. The discrete excavation soil samples collected at approximately 10 fbg were labeled 9669-S-10' (collected beneath the south end) and 9669-N-10' (collected beneath the north end). The stockpile sample was labeled 9669-SP. All samples were transported to Curtis & Tompkins Ltd (State ELAP Certification #2896) under a formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate UST removal soil sample locations.

All samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel by EPA Method 8015B, and Volatile Organics by EPA Method 8260B. A copy of the associated laboratory certificate of analysis (**Curtis & Tompkins Laboratory Job #283689**) with the chain of custody form is included as an attachment.

5. TANK AND SOIL CONDITION

The tank was found to be in poor condition with visible holes. No soil discoloration or hydrocarbon odors were observed in the tank overburden soil. Visually impacted soil was observed along the north and south ends of the excavation. Soil observed during the UST removal and confirmation sampling was predominantly clay. Groundwater was not observed in the excavation during the UST removal activities. An Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report was required by the ACDEH due to holes observed in the tank and visual contamination beneath the UST. A copy of the Leak report is included as an attachment.

6. UST SOIL SAMPLE DATA REVIEW

The discrete confirmation soil samples collected at each end of the tank contained elevated concentrations of TPH as Diesel. The samples also contained low concentrations of Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Naphthalene and Methyl Tertiary Butyl Ether (MTBE).

The composite sample collected from UST overburden soil stockpile (Sample ID 9669-SP) contained below detectable concentrations of BTEX and MTBE, and TPH as Diesel concentration of below applicable February 2016 San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) for Human Health Direct Exposure to shallow soil (Residential Land Usage).

Curtis & Tompkins Laboratory Job #283689 shows the complete analysis with Table Detection Summary (included as an attachment).

Due to the detection results presented above, and as presented in email correspondence to the ACDEH dated November 29, 2016, GGTR proposed to over-excavate and remove all impacted soil underlying the former UST to approximately 10 fbg or to the extent practicable without compromising the integrity of the excavation sidewalls, adjacent street, and any utilities in the direct vicinity of the excavation. GGTR also proposed to collect additional discrete confirmation soil samples at the bottom depth of the excavation, and if warranted, at excavation sidewalls, and if groundwater was encountered, GGTR would collect a grab sample from the surface of the groundwater entering the excavation.

7. OVER-EXCAVATION & CONFIRMATION RE SAMPLING

On December 02, 2016, as directed by Inspector Barbara Jakub of the ACDEH, GGTR performed the over-excavation & confirmation sampling activities. GGTR over-excavated and removed all impacted soil underlying the former UST to approximately 10 fbg and transferred the impacted soil directly into a contracted F.A. Poli Trucking 20-yard dump truck, parked adjacent to the UST excavation. The visually impacted soil along the north and south sidewalls of the excavation was scraped to the extent feasible and transferred to the dump truck.

Immediately following over-excavation of the impacted soil, GGTR collected three discrete samples from the center bottom of the excavation at approximately 14', 17', and 18.5' fbg and four discrete soil samples, one from each sidewall of the excavation at approximately 8.5 and 9 fbg, considered to be the soil/groundwater interface level and the general midway depth of impacted soil observed along the excavation sidewalls. GGTR collected each sample by hand auguring approximately 2 feet into each excavation sidewall, and transferring the soil from the auger head directly into a brass tube. The table below shows discrete Sample IDs and locations.

Sample ID	Location
9669-C-14	Center bottom at 14 fbg
9669-C-17.5'	Center bottom at 17.5' fbg
9669-C-18.5'	Center bottom at 18.5' fbg
9669-SW-9'	South wall at 9' fbg
9669-EW-9'	East wall at 9' fbg
9669-WW-8'5	West wall at 8.5' fbg
9669-NW-9'	North wall at 9' fbg

Figure 2 depicts the approximate UST confirmation soil re sampling locations.

All samples were transported to Curtis & Tompkins Ltd (State ELAP Certification #2896) under a formal chain-of-custody protocol for the required analyses. All samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel by EPA Method 8015B, and Volatile Organics by EPA Method 8260B. Additionally Polynuclear Aromatics by EPA Method 8310 were analyzed in Soil Sample IDs 9669-C-17.5' and 9669-C-18.5'. A copy of the associated laboratory certificate of analysis (Curtis & Tompkins Laboratory Job #s283930 & 284240 respectively) with the chain of custody forms are included as an attachment.

8. CONFIRMATION RE SAMPLING DATA REVIEW

Elevated concentrations of TPH as Diesel were found in Sample IDs 9669-C-14, 9669-C-17.5', 9669-C-18.5, 9669-WW-8'5, and 9669-NW-9.

TPH as Diesel concentration were below the applicable February 2016 San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) for Human Health Direct Exposure to shallow soil (Residential Land Usage) was found in Sample IDs 9669-SW-9' and 9669-EW-9'.

Curtis & Tompkins Laboratory Job #283930 (included as an attachment) shows the complete analysis with Table Detection Summary for Sample IDs:

- 9669-C-14
- 9669-SW-9'
- 9669-EW-9'
- 9669-WW-8'5
- 9669-NW-9

Curtis & Tompkins Laboratory Job #284240 (included as an attachment) shows the complete analysis with Table Detection Summary for Sample IDs:

- 9669-C-17.5'
- 9669-C-18.5'

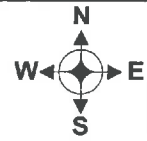
9. WASTE MANAGEMENT & SOIL DISPOSAL

Following receipt by Republic Services, Inc. Keller Canyon Landfill of soil profile acceptance for impacted soil disposal, on December 03, 2016, F.A. Poli Trucking (contracted by GGTR), completed the transport and disposal of approximately 24.74 tons under Non-Hazardous Waste Acceptance Profile No. 42121620752 to the Keller Canyon Landfill facility in Pittsburg, California. A copy of each solid waste manifest and associated weight tag is included as an attachment.

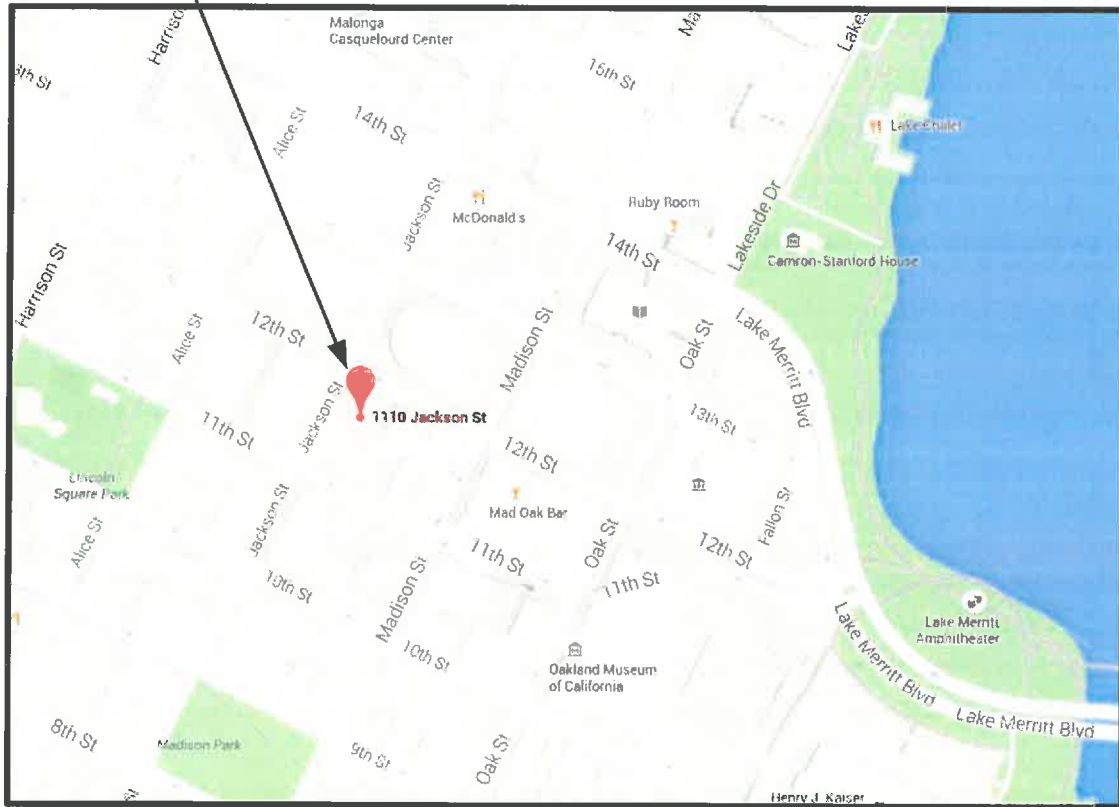
10. SITE RESTORATION

On December 02, 2016, following over-excavation, GGTR placed import 3/4-inch Class 2 base rock in the excavation to approximately 0.5 fbg and used the stockpile overburden soil to complete the backfill. The backfill material was placed in 12" lifts, compacted using a compaction wheel, and tested to 95% relative compaction per COPBD site conditions. GGTR subsequently replaced the sidewalk in conformance with COPBD requirements.

FIGURES



JOB SITE



GOLDEN GATE TANK REMOVAL, INC.
1480 Carroll Avenue
San Francisco, CA 94124
Ph (415) 512-1555 Fx (415) 512-0964

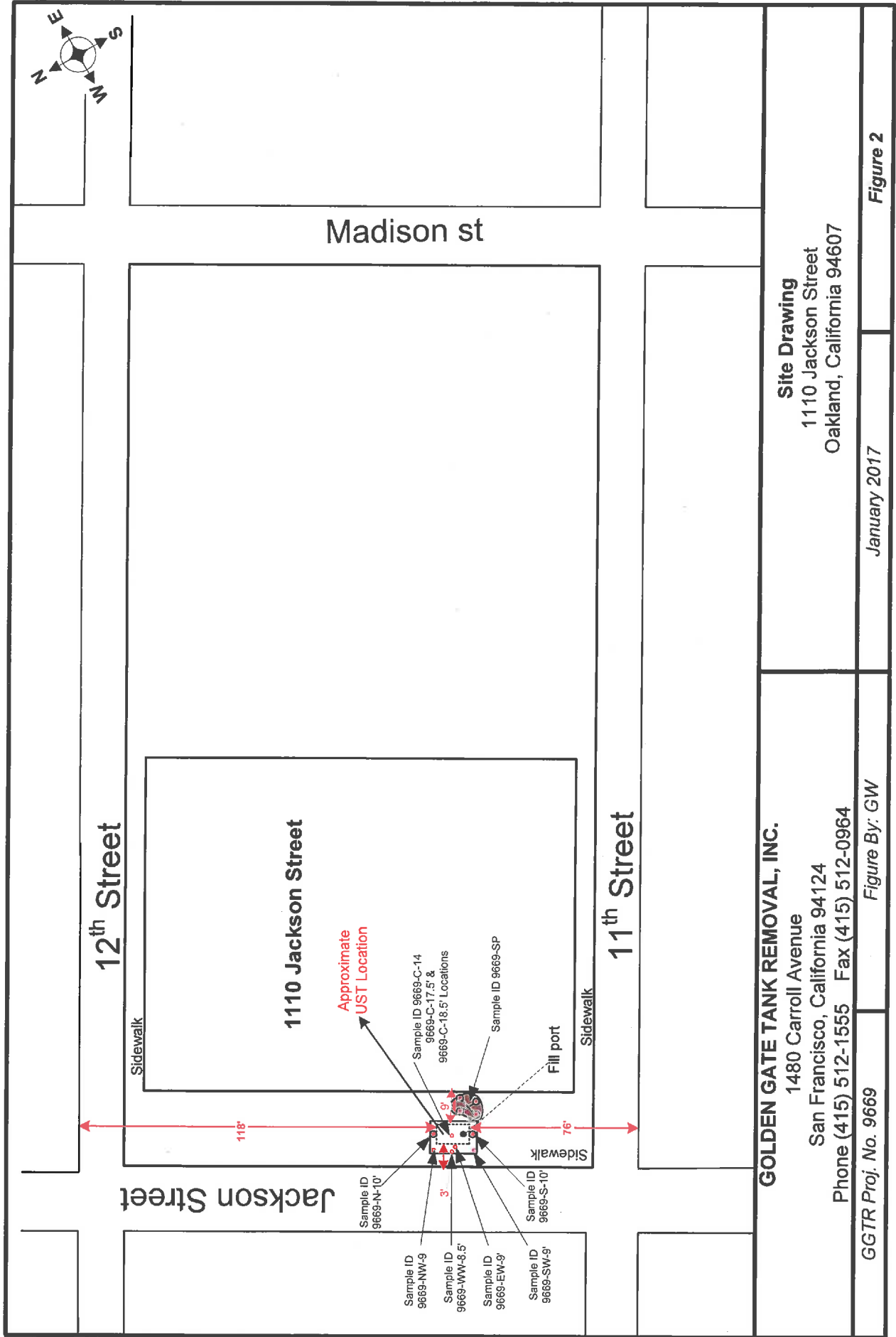
VICINITY MAP
1110 Jackson Street
Oakland, CA 94607

GGTR Project No.9669

Drawing By: CS

November 2016

Figure 1



Madison st

12th Street

1110 Jackson Street

11th Street

Jackson Street

Sidewalk

Sidewalk

Sidewalk

Fill port

Approximate
UST Location

Sample ID 9669-C-14
 9669-C-17.5 &
 9669-C-18.5 Locations

Sample ID 9669-SP

Sample ID
9669-N-10'

Sample ID
9669-NW-9

Sample ID
9669-WW-8.5'

Sample ID
9669-EW-9'

Sample ID
9669-SW-9'

Sample ID
9669-S-10'

118'

76'

3'

9'

9'

9'



TANK IN EXCAVATION



TANK REMOVAL IN PROGRESS

GOLDEN GATE TANK REMOVAL, INC.
1480 Carroll Avenue
San Francisco, CA 94124
Ph (415) 512-1555 Fx (415) 512-0964

UST REMOVAL
1110 Jackson Street (T4)
Oakland, CA 94607

GGTR Project No. 9669

Drawing By: CS

December 2016

Figure 3

ATTACHMENTS

ANALYTICAL REPORTS
LIQUID WASTE MANIFESTS
SOIL WASTE MANIFEST/WEIGHT TAGS
UST UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION REPORT
HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
UST DISPOSAL MANIFEST
PERMITS



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 283354
ANALYTICAL REPORT

Golden Gate Tank Removal 1480 Carroll Avenue San Francisco, CA 94124	Project : 9669 Location : 1110 Jackson St. Level : II
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Sample ID
9669-TANK

Lab ID
283354-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Mikelle Chong
Project Manager
mikelle.chong@ctberk.com

Date: 11/15/2016

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 283354
Client: Golden Gate Tank Removal
Project: 9669
Location: 1110 Jackson St.
Request Date: 11/14/16
Samples Received: 11/14/16

This data package contains sample and QC results for one diesel sample, requested for the above referenced project on 11/14/16. The sample was received intact.

TPH-Extractables by GC (EPA 8015B):

9669-TANK (lab # 283354-001) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

CHAIN OF CUSTODY



2323 Fifth Street
Berkeley, CA 94710
Phone (510) 486-0900
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In Business Since 1878

Page 1 of 1
Chain of Custody # _____

C&T LOGIN # 283354
Project No: 9669
Project Name: 1110 JACKSON ST
Project P. O. No: 9669
Sampler: ASCENSION MURRAY
Report To: LOINA WEE
Company: LBTR
Report Level I II III IV
Telephone: 415 512-1553
Turnaround Time: 24H RUSH Standard
Email: ASCENSION@LBTR.COM

Lab No.	Sample ID.	SAMPLING		MATRIX	# of Containers	CHEMICAL PRESERVATIVE												
		Date Collected	Time Collected			Water	Solid	HCl	H2SO4	HNO3	NaOH	None						
	<u>9669-TANK</u>	<u>1/14/16</u>	<u>11:10</u>	<u>Water</u>														

X TPH
X MOTOR OILS
X PCBs

ANALYTICAL REQUEST

Notes:

SAMPLE RECEIPT <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cold <input type="checkbox"/> On Ice <input checked="" type="checkbox"/> Ambient	RELINQUISHED BY: <u>Wong Ping</u> 1/14/16 13:27 DATE: TIME:	RECEIVED BY: <u>Pat Hong</u> 1/14/16 DATE: TIME:
	DATE: TIME: DATE: TIME:	DATE: TIME: DATE: TIME:

COOLER RECEIPT CHECKLIST



Login # 283354 Date Received 11/14/16 Number of coolers 1
 Client GGTR Project 1110 Jackson St
 Date Opened 11/14 By (print) SL (sign) [Signature]
 Date Logged in ↓ By (print) ↓ (sign) ↓
 Date Labeled ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? _____ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap Foam blocks Bags None
- Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C
 Type of ice used: Wet Blue/Gel None Temp(°C) _____

Temperature blank(s) included? Thermometer# _____ IR Gun# _____

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are there any missing / extra samples? _____ YES NO

11. Are samples in the appropriate containers for indicated tests? _____ YES NO

12. Are sample labels present, in good condition and complete? _____ YES NO

13. Do the sample labels agree with custody papers? _____ YES NO

14. Was sufficient amount of sample sent for tests requested? _____ YES NO

15. Are the samples appropriately preserved? _____ YES NO N/A

16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A

17. Did you document your preservative check? (pH strip lot# _____) YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A

21. Was the client contacted concerning this sample delivery? _____ YES NO
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS



Detections Summary for 283354

Results for any subcontracted analyses are not included in this summary.

Client : Golden Gate Tank Removal
Project : 9669
Location : 1110 Jackson St.

Client Sample ID : 9669-TANK Laboratory Sample ID : 283354-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	940,000		40,000	mg/Kg	As Recd	100.0	EPA 8015B	EPA 3580

Total Extractable Hydrocarbons

Lab #:	283354	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9669	Analysis:	EPA 8015B
Field ID:	9669-TANK	Batch#:	241358
Matrix:	Miscell.	Sampled:	11/14/16
Units:	mg/Kg	Received:	11/14/16
Basis:	as received	Prepared:	11/14/16

Type: SAMPLE Diln Fac: 100.0
 Lab ID: 283354-001 Analyzed: 11/15/16

Analyte	Result	RL
Diesel C10-C24	940,000	40,000
Motor Oil C24-C36	ND	200,000

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Type: BLANK Diln Fac: 1.000
 Lab ID: QC860483 Analyzed: 11/14/16

Analyte	Result	RL
Diesel C10-C24	ND	400
Motor Oil C24-C36	ND	2,000

Surrogate	%REC	Limits
o-Terphenyl	106	59-140

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	283354	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9669	Analysis:	EPA 8015B
Matrix:	Miscell.	Batch#:	241358
Units:	mg/Kg	Prepared:	11/14/16
Diln Fac:	1.000		

Type: BS Analyzed: 11/14/16
 Lab ID: QC860484

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	19,200	18,230	95	58-137

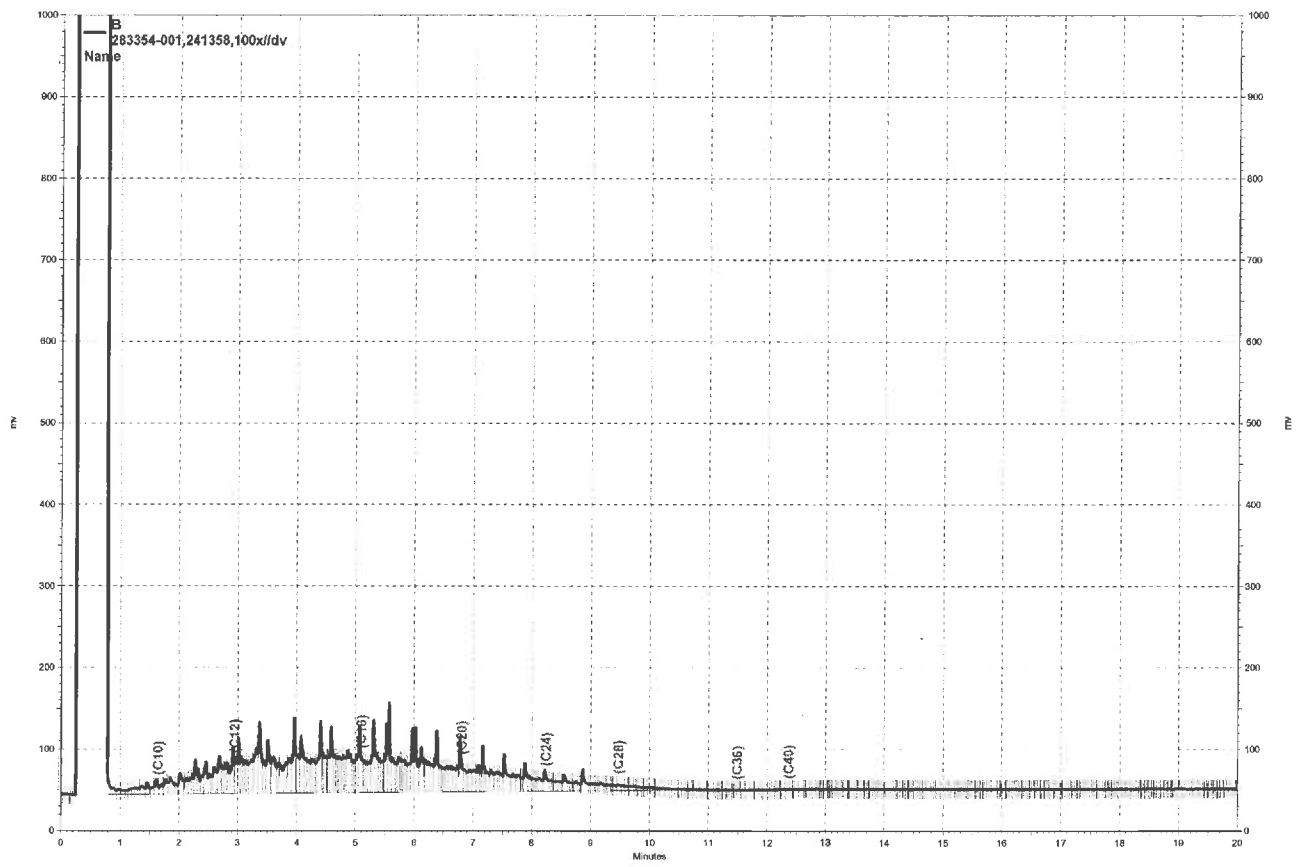
Surrogate	%REC	Limits
o-Terphenyl	108	59-140

Type: BSD Analyzed: 11/15/16
 Lab ID: QC860485

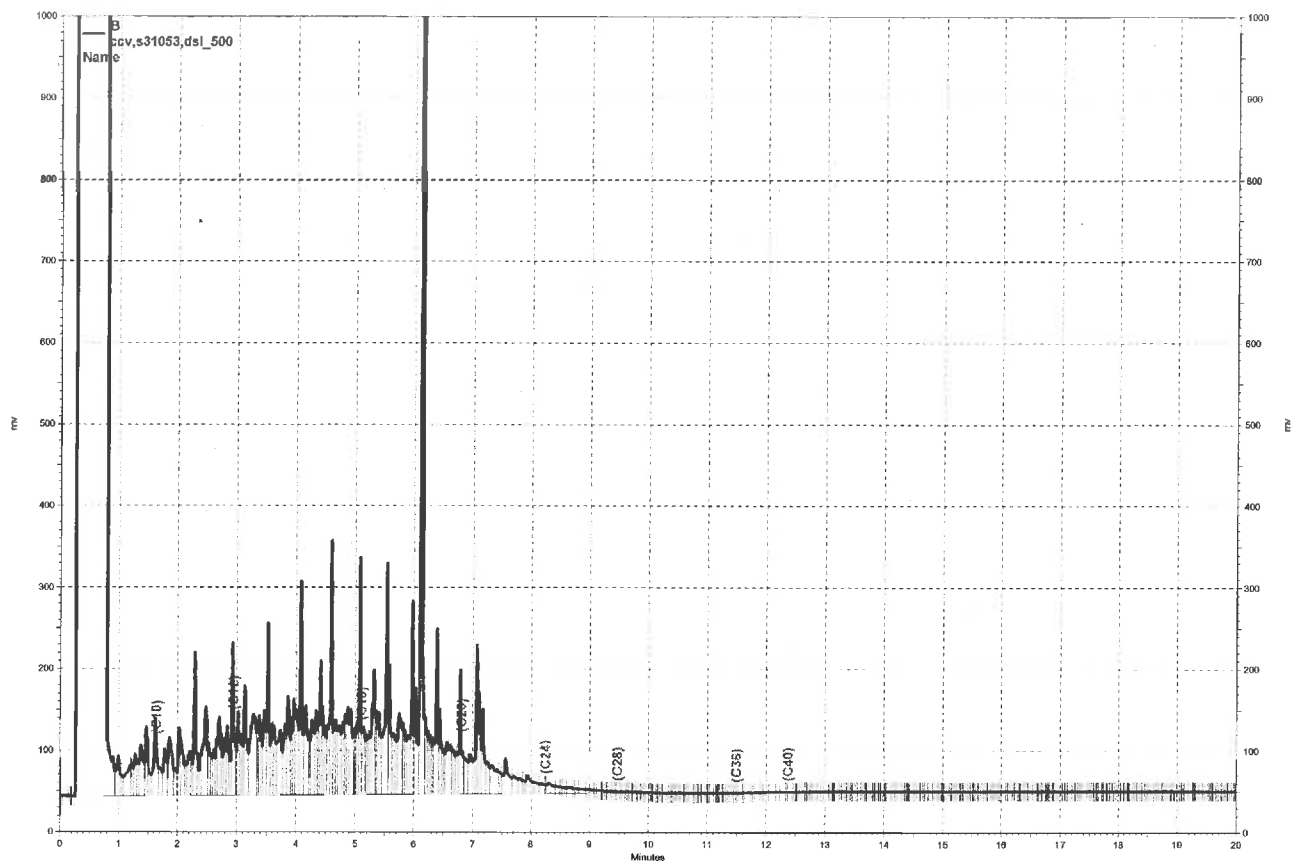
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	19,200	19,180	100	58-137	5	20

Surrogate	%REC	Limits
o-Terphenyl	108	59-140

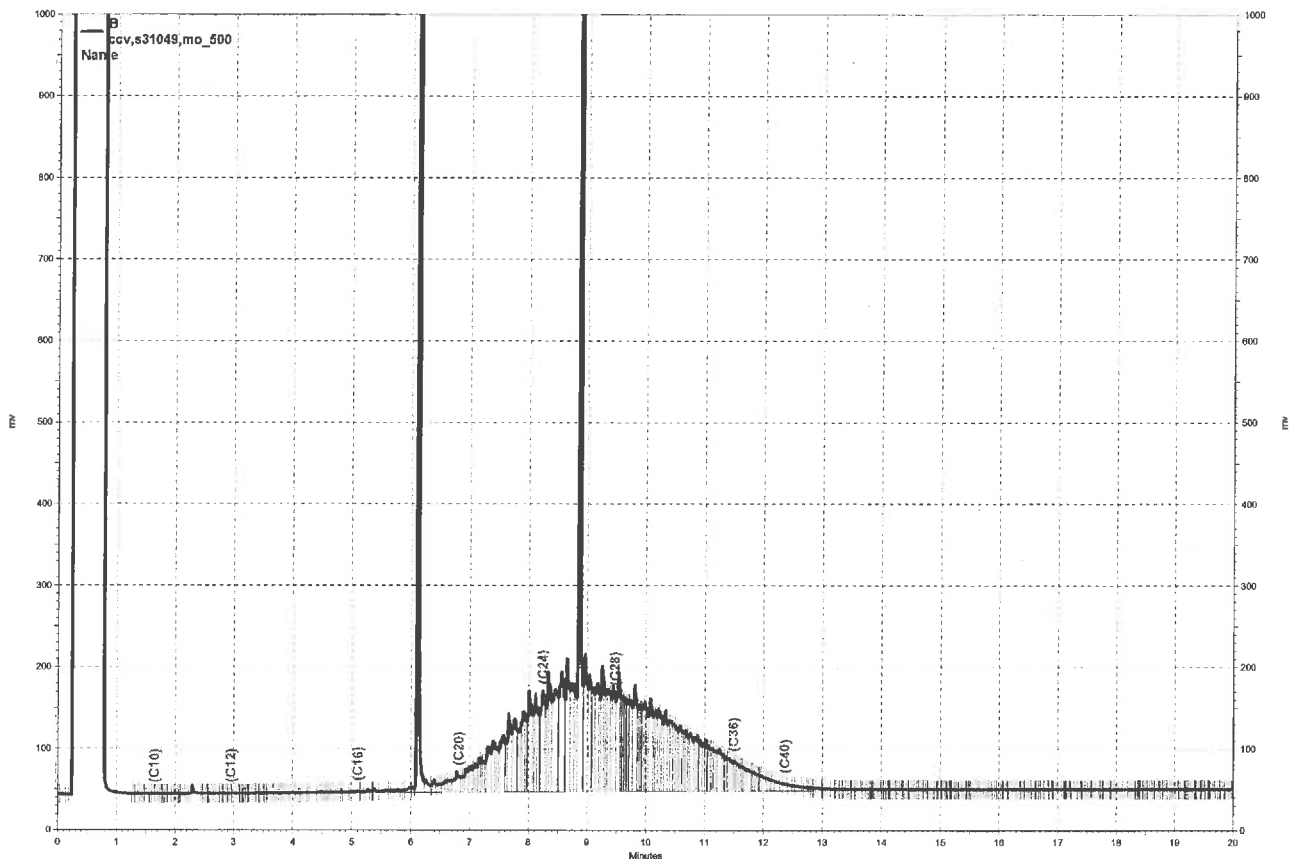
RPD= Relative Percent Difference



— \\kraken\gdrive\ezchrom\Projects\GC15B\Data\319b043, B



\\kraken\gdrive\ezchrom\Projects\GC15B\Data\319b020, B



— \\kraken\drive\ezchrom\Projects\GC15B\Data\319b019, B

Polychlorinated Biphenyls (PCBs)

Lab #:	283354	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9669	Analysis:	EPA 8082
Field ID:	9669-TANK	Batch#:	241359
Matrix:	Miscell.	Sampled:	11/14/16
Units:	ug/Kg	Received:	11/14/16
Basis:	as received	Prepared:	11/14/16
Diln Fac:	1.000	Analyzed:	11/15/16

Type: SAMPLE Lab ID: 283354-001

Analyte	Result	RL
Aroclor-1016	ND	500
Aroclor-1221	ND	1,000
Aroclor-1232	ND	500
Aroclor-1242	ND	500
Aroclor-1248	ND	500
Aroclor-1254	ND	500
Aroclor-1260	ND	500

Surrogate	%REC	Limits
Decachlorobiphenyl	78	25-135

Type: BLANK Lab ID: QC860486

Analyte	Result	RL
Aroclor-1016	ND	500
Aroclor-1221	ND	1,000
Aroclor-1232	ND	500
Aroclor-1242	ND	500
Aroclor-1248	ND	500
Aroclor-1254	ND	500
Aroclor-1260	ND	500

Surrogate	%REC	Limits
Decachlorobiphenyl	80	25-135

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	283354	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9669	Analysis:	EPA 8082
Matrix:	Miscell.	Batch#:	241359
Units:	ug/Kg	Prepared:	11/14/16
Diln Fac:	1.000	Analyzed:	11/15/16

Type: BS Lab ID: QC860487

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	10,000	10,570	106	64-140
Aroclor-1260	10,000	8,304	83	65-146

Surrogate	%REC	Limits
Decachlorobiphenyl	84	25-135

Type: BSD Lab ID: QC860488

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	10,000	10,560	106	64-140	0	35
Aroclor-1260	10,000	8,019	80	65-146	3	36

Surrogate	%REC	Limits
Decachlorobiphenyl	83	25-135

RPD= Relative Percent Difference



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878


2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 283689
ANALYTICAL REPORT

Golden Gate Tank Removal 1480 Carroll Avenue San Francisco, CA 94124	Project : 9669 Location : 1110 Jackson St. Level : .II
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<u>Sample ID</u>	<u>Lab ID</u>
9669-S-10'	283689-001
9669-N-10'	283689-002
9669-SP	283689-003

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: 
Mikelle Chong
Project Manager
mikelle.chong@ctberk.com

Date: 11/29/2016

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 283689
Client: Golden Gate Tank Removal
Project: 9669
Location: 1110 Jackson St.
Request Date: 11/23/16
Samples Received: 11/23/16

This data package contains sample and QC results for two soil samples and one four-point soil composite, requested for the above referenced project on 11/23/16. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

9669-S-10' (lab # 283689-001), 9669-N-10' (lab # 283689-002), and 9669-SP (lab # 283689-003) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

High response was observed for MTBE in the CCV analyzed 11/25/16 14:32; affected data was qualified with "b". High recovery was observed for MTBE in the LCS for batch 241747; this analyte was not detected at or above the RL in the associated samples. High recovery was observed for MTBE in the MS of 9669-SP (lab # 283689-003); this analyte was not detected at or above the RL in the associated samples. Response exceeding the instrument's linear range was observed for MTBE in the MS of 9669-SP (lab # 283689-003); affected data was qualified with "b". 9669-S-10' (lab # 283689-001) and 9669-N-10' (lab # 283689-002) were diluted due to high hydrocarbons. No other analytical problems were encountered.

CHAIN OF CUSTODY

cb Curtis & Tompkins Laboratories
 ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
 In Business Since 1878

2323 Fifth Street
 Berkeley, CA 94710
 Phone (510) 486-0900
 Fax (510) 486-0532

Page _____ of _____
 Chain of Custody # _____

C&T LOGIN # 283889

Project No: 9669
 Project Name: 110 JACKSON ST
 Project P. O. No: 9669
 EDD Format: Report Level I II III IV
 Turnaround Time: RUSH By 11 Standard

ANALYTICAL REQUEST

Lab No.	Sample ID.	SAMPLING		MATRIX	# of Containers	CHEMICAL PRESERVATIVE									
		Date Collected	Time Collected			Water	Solid	HCl	H2SO4	HNO3	NaOH	None			

Notes:

SAMPLE RECEIPT
 Intact
 Cold
 On Ice
 Ambient

RELINQUISHED BY:	RECEIVED BY:
<u>PROY PAREL</u>	<u>DP</u>
DATE: <u>1/23/10</u> TIME: <u>3:00</u>	DATE: <u>1/23</u> TIME: <u>1500</u>
DATE: <u>1/23</u> TIME: <u>1625</u>	DATE: <u>1/23</u> TIME: <u>1625</u>

COOLER RECEIPT CHECKLIST



Login # 283689 Date Received 11-23-16 Number of coolers 1
 Client GGTR Project 9669
 Date Opened 11-23 By (print) HE (sign) [Signature]
 Date Logged in ↓ By (print) DTN (sign) [Signature]
 Date Labeled ↓ By (print) ↓ (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____
- 2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____
- 2B. Were custody seals intact upon arrival? _____ YES NO N/A
3. Were custody papers dry and intact when received? _____ YES NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO
6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap Foam blocks Bags None
 Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C
 Type of ice used: Wet Blue/Gel None Temp(°C) 4.3°
 Temperature blank(s) included? Thermometer# 4 IR Gun# _____
 Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ YES NO
10. Are there any missing / extra samples? _____ YES NO
11. Are samples in the appropriate containers for indicated tests? _____ YES NO
12. Are sample labels present, in good condition and complete? _____ YES NO
13. Do the sample labels agree with custody papers? _____ YES NO
14. Was sufficient amount of sample sent for tests requested? _____ YES NO
15. Are the samples appropriately preserved? _____ YES NO N/A
16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A
17. Did you document your preservative check? (pH strip lot# _____) YES NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A
20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES NO
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS



Detections Summary for 283689

Results for any subcontracted analyses are not included in this summary.

Client : Golden Gate Tank Removal
Project : 9669
Location : 1110 Jackson St.

Client Sample ID : 9669-S-10' Laboratory Sample ID : 283689-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	2,800		50	mg/Kg	As Recd	50.00	EPA 8015B	EPA 3550B
m,p-Xylenes	300		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B
Naphthalene	3,100		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B

Client Sample ID : 9669-N-10' Laboratory Sample ID : 283689-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1,400		20	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Naphthalene	710		46	ug/Kg	As Recd	9.259	EPA 8260B	EPA 5030B

Client Sample ID : 9669-SP Laboratory Sample ID : 283689-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	15	Y	2.0	mg/Kg	As Recd	2.000	EPA 8015B	EPA 3550B

Y = Sample exhibits chromatographic pattern which does not resemble standard

Total Extractable Hydrocarbons

Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	11/23/16
Units:	mg/Kg	Received:	11/23/16
Basis:	as received	Prepared:	11/28/16
Batch#:	241778	Analyzed:	11/29/16

Field ID: 9669-S-10' Lab ID: 283689-001
 Type: SAMPLE Diln Fac: 50.00

Analyte	Result	RL
Diesel C10-C24	2,800	50

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: 9669-N-10' Lab ID: 283689-002
 Type: SAMPLE Diln Fac: 20.00

Analyte	Result	RL
Diesel C10-C24	1,400	20

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: 9669-SP Lab ID: 283689-003
 Type: SAMPLE Diln Fac: 2.000

Analyte	Result	RL
Diesel C10-C24	15 Y	2.0

Surrogate	%REC	Limits
o-Terphenyl	91	59-140

Type: BLANK Diln Fac: 1.000
 Lab ID: QC862133

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
o-Terphenyl	106	59-140

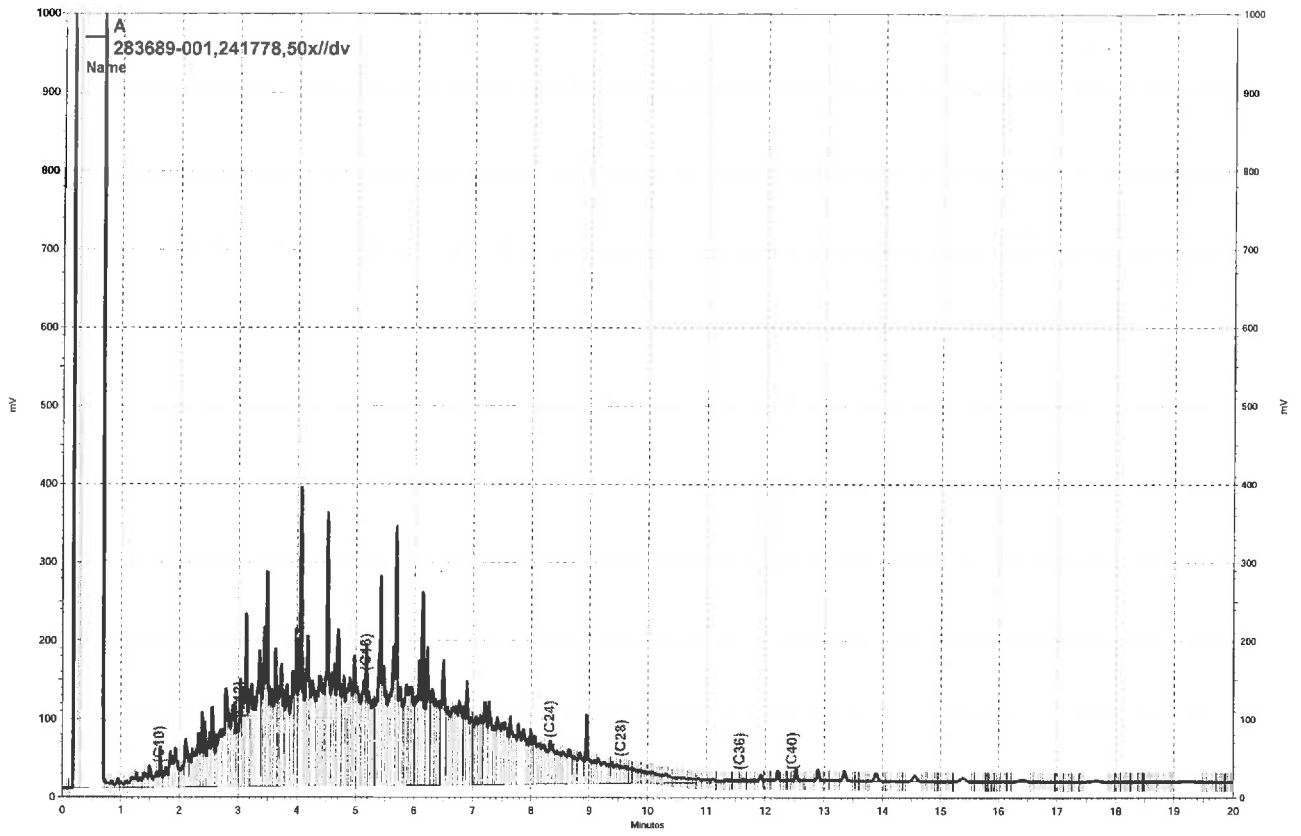
Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

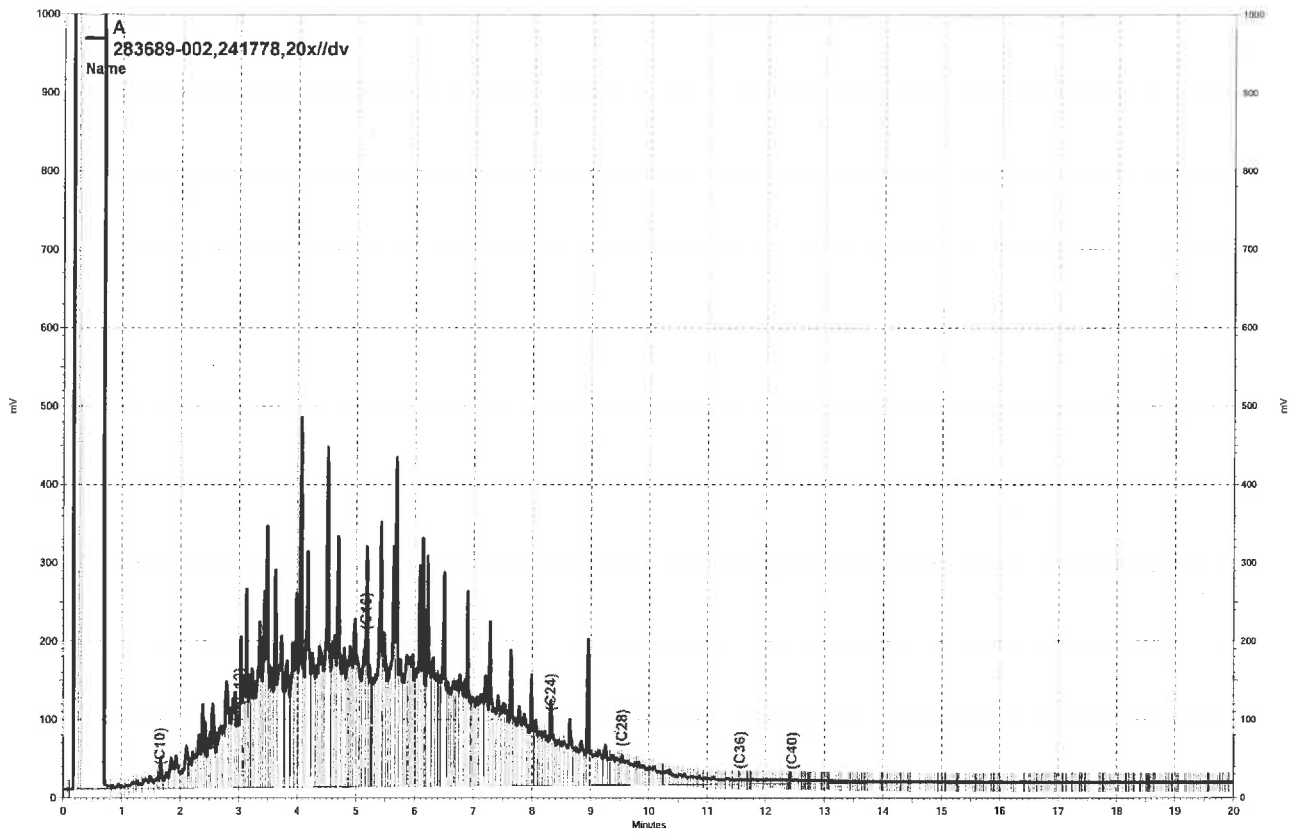
Total Extractable Hydrocarbons			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC862134	Batch#:	241778
Matrix:	Soil	Prepared:	11/28/16
Units:	mg/Kg	Analyzed:	11/29/16

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.93	53.67	107	58-137

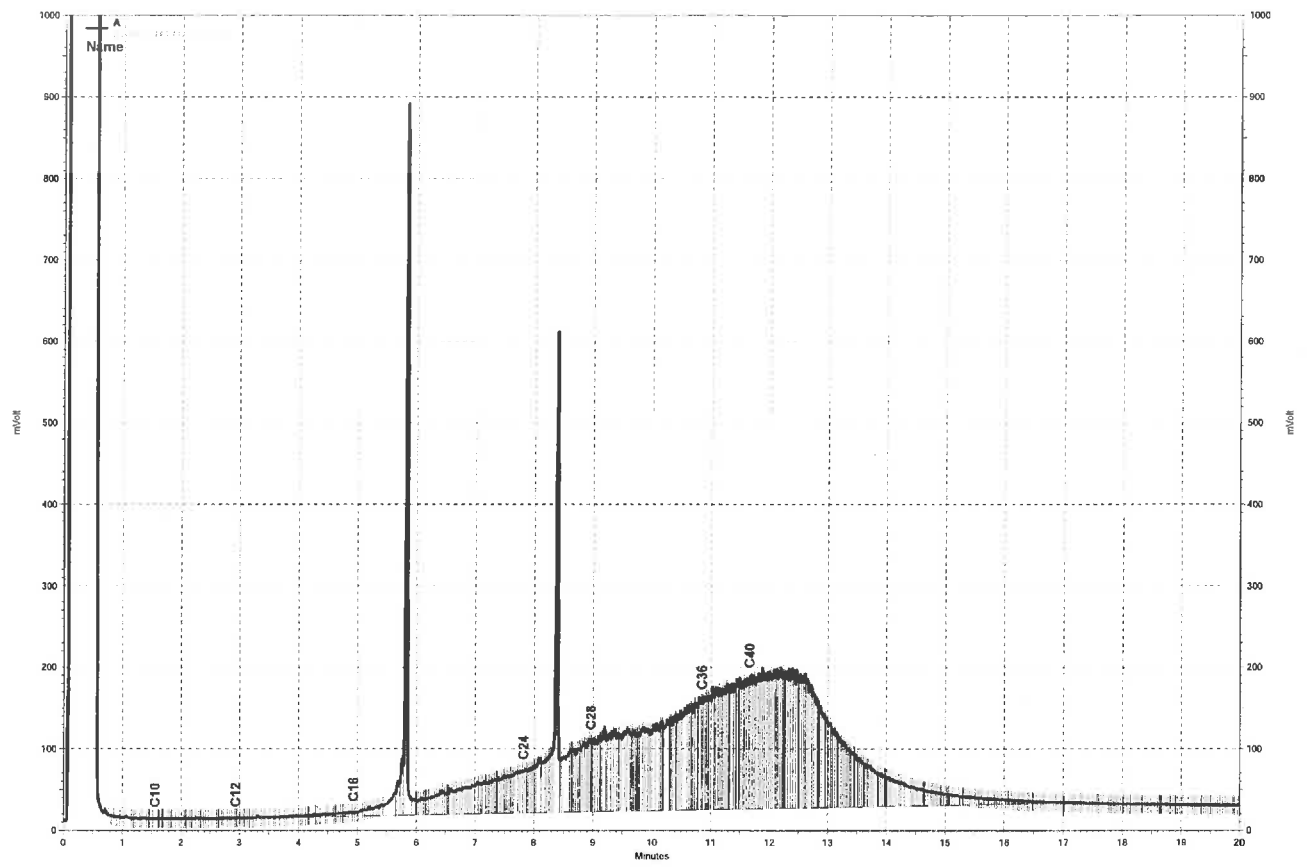
Surrogate	%REC	Limits
o-Terphenyl	93	59-140



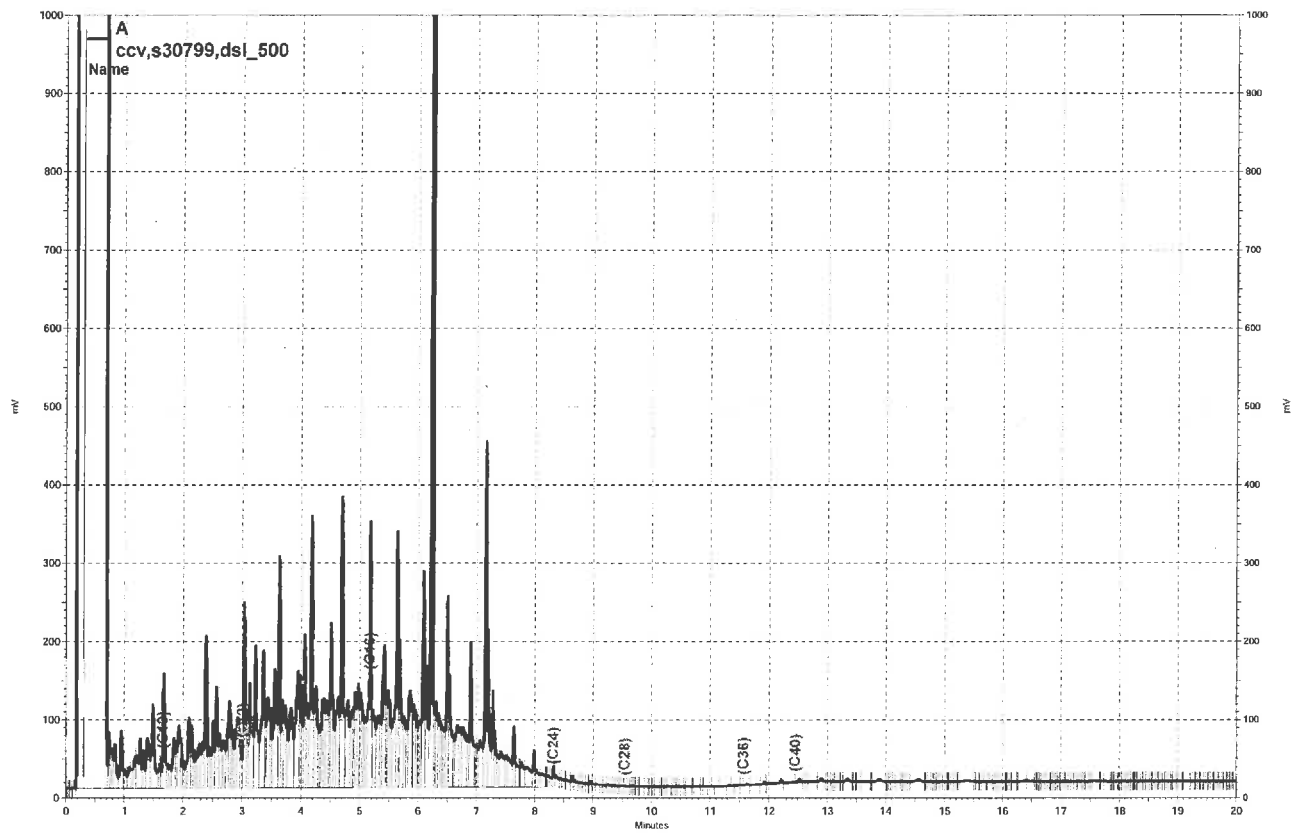
— \\kraken\drive\ezchrom\Projects\GC17a\Data\334a007, A



— \\kraken\drive\ezchrom\Projects\GC17a\Data\334a008, A



— \\kraken\gdrive\ezchrom\Projects\GC26\data\333a049, A



— \\kraken\drive\ezchrom\Projects\GC17a\Data\334a004, A

Purgeable Aromatics by GC/MS

Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-S-10'	Diln Fac:	50.00
Lab ID:	283689-001	Batch#:	241755
Matrix:	Soil	Sampled:	11/23/16
Units:	ug/Kg	Received:	11/23/16
Basis:	as received	Analyzed:	11/27/16

Analyte	Result	RL
MTBE	ND	250
Benzene	ND	250
Toluene	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	300	250
o-Xylene	ND	250
Naphthalene	3,100	250

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-134
1,2-Dichloroethane-d4	112	80-138
Toluene-d8	106	80-120
Bromofluorobenzene	109	78-123
Trifluorotoluene (MeOH)	79	52-147

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Purgeable Aromatics by GC/MS

Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-N-10'	Diln Fac:	9.259
Lab ID:	283689-002	Batch#:	241747
Matrix:	Soil	Sampled:	11/23/16
Units:	ug/Kg	Received:	11/23/16
Basis:	as received	Analyzed:	11/26/16

Analyte	Result	RL
MTBE	ND	46
Benzene	ND	46
Toluene	ND	46
Ethylbenzene	ND	46
m,p-Xylenes	ND	46
o-Xylene	ND	46
Naphthalene	710	46

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	88	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	109	78-123

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Purgeable Aromatics by GC/MS

Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-SP	Diln Fac:	0.9276
Lab ID:	283689-003	Batch#:	241747
Matrix:	Soil	Sampled:	11/23/16
Units:	ug/Kg	Received:	11/23/16
Basis:	as received	Analyzed:	11/25/16

Analyte	Result	RL
MTBE	ND	4.6
Benzene	ND	4.6
Toluene	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Naphthalene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	97	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	101	78-123

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC862003	Batch#:	241747
Matrix:	Soil	Analyzed:	11/25/16
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
MTBE	37.50	50.52 b	135 *	61-122
Benzene	37.50	41.65	111	80-123
Toluene	37.50	39.65	106	80-120
Ethylbenzene	37.50	40.00	107	80-122
m,p-Xylenes	75.00	82.13	110	80-127
o-Xylene	37.50	41.46	111	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	92	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	100	78-123

*= Value outside of QC limits; see narrative

b= See narrative

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC862004	Batch#:	241747
Matrix:	Soil	Analyzed:	11/25/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-134
1,2-Dichloroethane-d4	92	80-138
Toluene-d8	99	80-120
Bromofluorobenzene	104	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-SP	Batch#:	241747
MSS Lab ID:	283689-003	Sampled:	11/23/16
Matrix:	Soil	Received:	11/23/16
Units:	ug/Kg	Analyzed:	11/25/16
Basis:	as received		

Type: MS Diln Fac: 0.8651
 Lab ID: QC862014

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.9280	43.25	53.19 >LR b	123 *	49-120
Benzene	<0.8370	43.25	45.58	105	57-120
Toluene	<0.6598	43.25	43.15	100	51-120
Ethylbenzene	<0.6297	43.25	42.75	99	45-120
m,p-Xylenes	<1.161	86.51	84.35	98	45-123
o-Xylene	<0.5808	43.25	43.51	101	44-122

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	99	80-120
Bromofluorobenzene	102	78-123

Type: MSD Diln Fac: 0.9709
 Lab ID: QC862015

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	48.54	58.00 b	119	49-120	NC	40
Benzene	48.54	50.13	103	57-120	2	44
Toluene	48.54	47.24	97	51-120	2	47
Ethylbenzene	48.54	47.72	98	45-120	1	55
m,p-Xylenes	97.09	96.06	99	45-123	1	53
o-Xylene	48.54	46.93	97	44-122	4	55

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-134
1,2-Dichloroethane-d4	92	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	97	78-123

*= Value outside of QC limits; see narrative
 b= See narrative
 NC= Not Calculated
 >LR= Response exceeds instrument's linear range
 RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	241755
Units:	ug/Kg	Analyzed:	11/27/16
Diln Fac:	1.000		

Type: BS Lab ID: QC862035

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	23.77	95	61-122
Benzene	25.00	24.73	99	80-123
Toluene	25.00	24.06	96	80-120
Ethylbenzene	25.00	23.54	94	80-122
m,p-Xylenes	50.00	45.15	90	80-127
o-Xylene	25.00	22.11	88	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	112	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	102	78-123

Type: BSD Lab ID: QC862036

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	20.89	84	61-122	13	26
Benzene	25.00	22.11	88	80-123	11	21
Toluene	25.00	22.07	88	80-120	9	20
Ethylbenzene	25.00	21.38	86	80-122	10	20
m,p-Xylenes	50.00	41.55	83	80-127	8	20
o-Xylene	25.00	20.13	81	80-125	9	20

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-134
1,2-Dichloroethane-d4	105	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	102	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC862037	Batch#:	241755
Matrix:	Soil	Analyzed:	11/27/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	107	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	105	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283689	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9560
MSS Lab ID:	283692-001	Batch#:	241755
Matrix:	Soil	Sampled:	11/21/16
Units:	ug/Kg	Received:	11/23/16
Basis:	as received	Analyzed:	11/28/16

Type: MS Lab ID: QC862045

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.4672	47.80	41.76	87	49-120
Benzene	<0.6732	47.80	40.01	84	57-120
Toluene	<0.7374	47.80	35.13	73	51-120
Ethylbenzene	<0.6887	47.80	31.10	65	45-120
m,p-Xylenes	<1.331	95.60	57.45	60	45-123
o-Xylene	<0.5746	47.80	30.49	64	44-122

Surrogate	%REC	Limits
Dibromofluoromethane	95	78-134
1,2-Dichloroethane-d4	110	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	104	78-123

Type: MSD Lab ID: QC862046

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	47.80	44.53	93	49-120	6	40
Benzene	47.80	38.64	81	57-120	3	44
Toluene	47.80	33.56	70	51-120	5	47
Ethylbenzene	47.80	28.28	59	45-120	10	55
m,p-Xylenes	95.60	51.87	54	45-123	10	53
o-Xylene	47.80	28.06	59	44-122	8	55

Surrogate	%REC	Limits
Dibromofluoromethane	94	78-134
1,2-Dichloroethane-d4	109	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	107	78-123

RPD= Relative Percent Difference



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 283930
ANALYTICAL REPORT

Golden Gate Tank Removal
1480 Carroll Avenue
San Francisco, CA 94124

Project : 9669
Location : 1110 Jackson St.
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
9669-C-14	283930-001
9669-SW-9'	283930-002
9669-EW-9'	283930-003
9669-WW-8'5	283930-004
9669-NW-9	283930-005
9669-C-17.5'	283930-006
9669-C-18.5'	283930-007

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Date: 12/12/2016

Will Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 283930
Client: Golden Gate Tank Removal
Project: 9669
Location: 1110 Jackson St.
Request Date: 12/02/16
Samples Received: 12/02/16

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 12/02/16. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

Matrix spikes QC863727, QC863728 (batch 242160) were not reported because the parent sample required a dilution that would have diluted out the spikes. 9669-C-14 (lab # 283930-001), 9669-WW-8'5 (lab # 283930-004), and 9669-NW-9 (lab # 283930-005) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

Low surrogate recoveries were observed for bromofluorobenzene in the MS/MSD for batch 242078; the parent sample was not a project sample. 9669-C-14 (lab # 283930-001), 9669-WW-8'5 (lab # 283930-004), and 9669-NW-9 (lab # 283930-005) were diluted due to high hydrocarbons. No other analytical problems were encountered.

CHAIN OF CUSTODY

Page of
Chain of Custody #



2323 Fifth Street
Berkeley, CA 94710
Phone (510) 486-0900
Fax (510) 486-0532

C&T LOGIN # 283930

Project Name: 1110 JACKSON ST

Project P. O. No.: 9669

Sampler: ASCENSION MORA

Report To: LOINA WEX

Company: BBTR

Telephone: 415 512 1555

Email: ASCENSI@WEX.COM

Report Level: I II III IV

Turnaround Time: Standard RUSH

Lab No.	Sample ID	SAMPLING		MATRIX	# of Containers	CHEMICAL PRESERVATIVE	ANALYTICAL REQUEST														
		Date Collected	Time Collected				HCl	H2SO4	HNO3	NaOH	None	TPH	BTEX	VAPOR	THAL	OTHER					
	9669-C-14	12-8-16	14:38														X	X	X		
	9669-SW-9'		14:52														X	X	X		
	9669-EW-9'		14:55														X	X	X		
	9669-WW-8.5'		14:59														X	X	X		
	9669-NW-9'		15:05														X	X	X		
	9669-C-17.5'		15:09														X	X	X		
	9669-C-18.5'																X	X	X		

Notes: HOID SAMPLES
9669-C-17.5
9669-C-18.5

SAMPLE RECEIPT
 Intact
 Cold
 On Ice
 Ambient

RELINQUISHED BY: Mary Jane Holt DATE: 12-8-16 TIME: 6:00

RECEIVED BY: CM DATE: 12/11/16 TIME: 16:00

COOLER RECEIPT CHECKLIST



Login # 283930 Date Received 12/2/16 Number of coolers 0
 Client GGTR Project 9669
 Date Opened 12/2 DTU By (print) DTU (sign) [Signature]
 Date Logged in ↓ By (print) ↓ (sign) ↓
 Date Labeled ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
- Shipping info _____
- 2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____
- 2B. Were custody seals intact upon arrival? _____ YES NO N/A
3. Were custody papers dry and intact when received? _____ YES NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO
6. Indicate the packing in cooler: (if other, describe) _____
 Bubble Wrap Foam blocks Bags None
 Cloth material Cardboard Styrofoam Paper towels
7. Temperature documentation: * Notify PM if temperature exceeds 6°C
 Type of ice used: Wet Blue/Gel None Temp(°C) 5.4
 Temperature blank(s) included? Thermometer# _____ IR Gun# A
 Samples received on ice directly from the field. Cooling process had begun
8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ YES NO
10. Are there any missing / extra samples? _____ YES NO
11. Are samples in the appropriate containers for indicated tests? _____ YES NO
12. Are sample labels present, in good condition and complete? _____ YES NO
13. Do the sample labels agree with custody papers? _____ YES NO
14. Was sufficient amount of sample sent for tests requested? _____ YES NO
15. Are the samples appropriately preserved? _____ YES NO N/A
16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A
17. Did you document your preservative check? (pH strip lot# _____) YES NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A
20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES NO
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Detections Summary for 283930

Results for any subcontracted analyses are not included in this summary.

Client : Golden Gate Tank Removal
 Project : 9669
 Location : 1110 Jackson St.

Client Sample ID : 9669-C-14 Laboratory Sample ID : 283930-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	10,000		100	mg/Kg	As Recd	100.0	EPA 8015B	EPA 3550B
m,p-Xylenes	580		500	ug/Kg	As Recd	100.0	EPA 8260B	EPA 5030B
Naphthalene	6,900		500	ug/Kg	As Recd	100.0	EPA 8260B	EPA 5030B

Client Sample ID : 9669-SW-9' Laboratory Sample ID : 283930-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	8.9		0.99	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Client Sample ID : 9669-EW-9' Laboratory Sample ID : 283930-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.7	Y	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Client Sample ID : 9669-WW-8'5 Laboratory Sample ID : 283930-004

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	610		20	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
m,p-Xylenes	530		500	ug/Kg	As Recd	100.0	EPA 8260B	EPA 5030B
Naphthalene	6,400		500	ug/Kg	As Recd	100.0	EPA 8260B	EPA 5030B

Client Sample ID : 9669-NW-9 Laboratory Sample ID : 283930-005

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	4,400		50	mg/Kg	As Recd	50.00	EPA 8015B	EPA 3550B
o-Xylene	1,200		1,000	ug/Kg	As Recd	200.0	EPA 8260B	EPA 5030B
Naphthalene	16,000		1,000	ug/Kg	As Recd	200.0	EPA 8260B	EPA 5030B

Y = Sample exhibits chromatographic pattern which does not resemble standard

Total Extractable Hydrocarbons

Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	12/02/16
Units:	mg/Kg	Received:	12/02/16
Basis:	as received		

Field ID:	9669-C-14	Batch#:	242160
Type:	SAMPLE	Prepared:	12/07/16
Lab ID:	283930-001	Analyzed:	12/08/16
Diln Fac:	100.0		

Analyte	Result	RL
Diesel C10-C24	10,000	100

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID:	9669-SW-9'	Batch#:	242160
Type:	SAMPLE	Prepared:	12/07/16
Lab ID:	283930-002	Analyzed:	12/08/16
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	8.9	0.99

Surrogate	%REC	Limits
o-Terphenyl	104	59-140

Field ID:	9669-EW-9'	Batch#:	242160
Type:	SAMPLE	Prepared:	12/07/16
Lab ID:	283930-003	Analyzed:	12/08/16
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1.7 Y	1.0

Surrogate	%REC	Limits
o-Terphenyl	85	59-140

Field ID:	9669-WW-8'5	Batch#:	242204
Type:	SAMPLE	Prepared:	12/08/16
Lab ID:	283930-004	Analyzed:	12/10/16
Diln Fac:	20.00		

Analyte	Result	RL
Diesel C10-C24	610	20

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 2

Total Extractable Hydrocarbons			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	12/02/16
Units:	mg/Kg	Received:	12/02/16
Basis:	as received		

Field ID:	9669-NW-9	Batch#:	242204
Type:	SAMPLE	Prepared:	12/08/16
Lab ID:	283930-005	Analyzed:	12/10/16
Diln Fac:	50.00		

Analyte	Result	RL
Diesel C10-C24	4,400	50

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Type:	BLANK	Batch#:	242160
Lab ID:	QC863725	Prepared:	12/07/16
Diln Fac:	1.000	Analyzed:	12/08/16

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
o-Terphenyl	112	59-140

Type:	BLANK	Batch#:	242204
Lab ID:	QC863889	Prepared:	12/08/16
Diln Fac:	1.000	Analyzed:	12/09/16

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
o-Terphenyl	110	59-140

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit
 Page 2 of 2

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC863726	Batch#:	242160
Matrix:	Soil	Prepared:	12/07/16
Units:	mg/Kg	Analyzed:	12/08/16

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.08	56.42	113	58-137

Surrogate	%REC	Limits
o-Terphenyl	121	59-140

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC863890	Batch#:	242204
Matrix:	Soil	Prepared:	12/08/16
Units:	mg/Kg	Analyzed:	12/09/16

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.30	49.26	98	58-137

Surrogate	%REC	Limits
o-Terphenyl	107	59-140

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	242204
MSS Lab ID:	283945-008	Sampled:	12/03/16
Matrix:	Soil	Received:	12/05/16
Units:	mg/Kg	Prepared:	12/08/16
Basis:	as received	Analyzed:	12/09/16
Diln Fac:	1.000		

Type: MS Lab ID: QC863891

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	2.004	49.76	36.21	69	46-154

Surrogate	%REC	Limits
o-Terphenyl	85	59-140

Type: MSD Lab ID: QC863892

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.29	46.48	88	46-154	24	50

Surrogate	%REC	Limits
o-Terphenyl	101	59-140

RPD= Relative Percent Difference

Purgeable Aromatics by GC/MS

Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-C-14	Diln Fac:	100.0
Lab ID:	283930-001	Batch#:	242129
Matrix:	Soil	Sampled:	12/02/16
Units:	ug/Kg	Received:	12/02/16
Basis:	as received	Analyzed:	12/07/16

Analyte	Result	RL
MTBE	ND	500
Benzene	ND	500
Toluene	ND	500
Ethylbenzene	ND	500
m,p-Xylenes	580	500
o-Xylene	ND	500
Naphthalene	6,900	500

Surrogate	%REC	Limits
Dibromofluoromethane	90	78-134
1,2-Dichloroethane-d4	102	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	102	78-123
Trifluorotoluene (MeOH)	89	52-147

Purgeable Aromatics by GC/MS

Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-SW-9'	Diln Fac:	0.9823
Lab ID:	283930-002	Batch#:	242016
Matrix:	Soil	Sampled:	12/02/16
Units:	ug/Kg	Received:	12/02/16
Basis:	as received	Analyzed:	12/05/16

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Naphthalene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-134
1,2-Dichloroethane-d4	111	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	103	78-123

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Purgeable Aromatics by GC/MS

Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-EW-9'	Diln Fac:	0.9506
Lab ID:	283930-003	Batch#:	242016
Matrix:	Soil	Sampled:	12/02/16
Units:	ug/Kg	Received:	12/02/16
Basis:	as received	Analyzed:	12/05/16

Analyte	Result	RL
MTBE	ND	4.8
Benzene	ND	4.8
Toluene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Naphthalene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-134
1,2-Dichloroethane-d4	109	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	104	78-123

ND= Not Detected
 RL= Reporting Limit

Purgeable Aromatics by GC/MS

Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-WW-8'5	Diln Fac:	100.0
Lab ID:	283930-004	Batch#:	242129
Matrix:	Soil	Sampled:	12/02/16
Units:	ug/Kg	Received:	12/02/16
Basis:	as received	Analyzed:	12/07/16

Analyte	Result	RL
MTBE	ND	500
Benzene	ND	500
Toluene	ND	500
Ethylbenzene	ND	500
m,p-Xylenes	530	500
o-Xylene	ND	500
Naphthalene	6,400	500

Surrogate	%REC	Limits
Dibromofluoromethane	88	78-134
1,2-Dichloroethane-d4	103	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	99	78-123
Trifluorotoluene (MeOH)	82	52-147

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Purgeable Aromatics by GC/MS

Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-NW-9	Diln Fac:	200.0
Lab ID:	283930-005	Batch#:	242078
Matrix:	Soil	Sampled:	12/02/16
Units:	ug/Kg	Received:	12/02/16
Basis:	as received	Analyzed:	12/06/16

Analyte	Result	RL
MTBE	ND	1,000
Benzene	ND	1,000
Toluene	ND	1,000
Ethylbenzene	ND	1,000
m,p-Xylenes	ND	1,000
o-Xylene	1,200	1,000
Naphthalene	16,000	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	86	78-134
1,2-Dichloroethane-d4	104	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	102	78-123
Trifluorotoluene (MeOH)	100	52-147

ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	242016
Units:	ug/Kg	Analyzed:	12/05/16
Diln Fac:	1.000		

Type: BS Lab ID: QC863132

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	22.42	90	61-122
Benzene	25.00	25.14	101	80-123
Toluene	25.00	24.98	100	80-120
Ethylbenzene	25.00	24.81	99	80-122
m,p-Xylenes	50.00	46.81	94	80-127
o-Xylene	25.00	23.86	95	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	92	78-134
1,2-Dichloroethane-d4	105	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	99	78-123

Type: BSD Lab ID: QC863133

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	21.75	87	61-122	3	26
Benzene	25.00	22.76	91	80-123	10	21
Toluene	25.00	22.31	89	80-120	11	20
Ethylbenzene	25.00	21.88	88	80-122	13	20
m,p-Xylenes	50.00	42.17	84	80-127	10	20
o-Xylene	25.00	21.06	84	80-125	12	20

Surrogate	%REC	Limits
Dibromofluoromethane	93	78-134
1,2-Dichloroethane-d4	104	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	99	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC863134	Batch#:	242016
Matrix:	Soil	Analyzed:	12/05/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	93	78-134
1,2-Dichloroethane-d4	104	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	103	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	242016
MSS Lab ID:	283899-001	Sampled:	12/02/16
Matrix:	Soil	Received:	12/02/16
Units:	ug/Kg	Analyzed:	12/05/16
Basis:	as received		

Type: MS Diln Fac: 0.9363
 Lab ID: QC863154

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.4540	46.82	44.88	96	49-120
Benzene	<0.6543	46.82	43.77	93	57-120
Toluene	<0.7167	46.82	39.10	84	51-120
Ethylbenzene	1.685	46.82	36.86	75	45-120
m,p-Xylenes	6.122	93.63	73.44	72	45-123
o-Xylene	2.193	46.82	36.66	74	44-122

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	111	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	98	78-123

Type: MSD Diln Fac: 0.9208
 Lab ID: QC863155

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	46.04	42.15	92	49-120	5	40
Benzene	46.04	40.72	88	57-120	6	44
Toluene	46.04	36.75	80	51-120	5	47
Ethylbenzene	46.04	34.32	71	45-120	6	55
m,p-Xylenes	92.08	68.55	68	45-123	5	53
o-Xylene	46.04	33.94	69	44-122	6	55

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-134
1,2-Dichloroethane-d4	110	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	97	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	242078
Units:	ug/Kg	Analyzed:	12/06/16
Diln Fac:	1.000		

Type: BS Lab ID: QC863367

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	23.07	92	61-122
Benzene	25.00	24.78	99	80-123
Toluene	25.00	24.47	98	80-120
Ethylbenzene	25.00	24.19	97	80-122
m,p-Xylenes	50.00	46.75	93	80-127
o-Xylene	25.00	23.38	94	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	94	78-134
1,2-Dichloroethane-d4	106	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	100	78-123

Type: BSD Lab ID: QC863368

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	23.96	96	61-122	4	26
Benzene	25.00	24.47	98	80-123	1	21
Toluene	25.00	24.19	97	80-120	1	20
Ethylbenzene	25.00	23.82	95	80-122	2	20
m,p-Xylenes	50.00	45.49	91	80-127	3	20
o-Xylene	25.00	22.48	90	80-125	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	94	78-134
1,2-Dichloroethane-d4	108	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	100	78-123

RPD= Relative Percent Difference



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900


Laboratory Job Number 284240
ANALYTICAL REPORT

Golden Gate Tank Removal
1480 Carroll Avenue
San Francisco, CA 94124

Project : 9669
Location : 1110 Jackson St.
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
9669-C-17.5'	284240-001
9669-C-18.5'	284240-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: 
Mikelle Chong
Project Manager
mikelle.chong@ctberk.com
(510) 204-2236 Ext 13115

Date: 12/21/2016

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 284240
Client: Golden Gate Tank Removal
Project: 9669
Location: 1110 Jackson St.
Request Date: 12/13/16
Samples Received: 12/02/16

This data package contains sample and QC results for two soil samples, requested for the above referenced project on 12/13/16. The samples were received on ice and intact, directly from the field.

TPH-Extractables by GC (EPA 8015B):

9669-C-17.5' (lab # 284240-001) and 9669-C-18.5' (lab # 284240-002) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

Matrix spikes QC864768, QC864769 (batch 242430) were not reported because the parent sample was reanalyzed in another batch. High surrogate recovery was observed for 1,2-dichloroethane-d4 in the method blank for batch 242430; no target analytes were detected in the sample. 9669-C-17.5' (lab # 284240-001) and 9669-C-18.5' (lab # 284240-002) were diluted due to high hydrocarbons. No other analytical problems were encountered.

Polynuclear Aromatics by HPLC (EPA 8310):

Matrix spikes were not performed for this analysis in batch 242399 due to insufficient sample amount. No other analytical problems were encountered.

Alms 283930

CHAIN OF CUSTODY

cb Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710
Phone (510) 486-0900
Fax (510) 486-0532

Project No: 9669
 Project Name: 110 JACKSON OAKLAND
 Project P. O. No: 9009
 EDD Format: Report Level II III IV Standard
 Turnaround Time: RUSH Standard
 Sampler: ASPERION MIRA
 Report To: GINA WEL
 Company: GOTR, INC.
 Telephone: 415-572-1055
 Email: G.Wel@gotr.com

Page ___ of ___
Chain of Custody #

C&T LOGIN # 284240

ANALYTICAL REQUEST	

FORH-D
 BTEX
 METALS
 PCBs
 HPHs by 8310
 XXXXX
 XXXXX
 XXXXX

Lab No.	Sample ID.	SAMPLING		MATRIX	# of Containers	CHEMICAL PRESERVATIVE											
		Date Collected	Time Collected			HCl	H2SO4	HNO3	NaOH	None							

9669-C-17.51
 9669-C-18.51

Notes:

SAMPLE RECEIPT	RELINQUISHED BY:	RECEIVED BY:
<input type="checkbox"/> Intact <input type="checkbox"/> Cold <input type="checkbox"/> On Ice <input type="checkbox"/> Ambient	<u>ASPERION MIRA</u> DATE: <u>12/16</u> TIME: <u>16:04</u>	<u>[Signature]</u> DATE: <u>12/10</u> TIME: <u>1810</u>

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 283930 Date Received 12/2/16 Number of coolers 0
 Client GGTR Project 9669
 Date Opened 12/2 By (print) DTU (sign) [Signature]
 Date Logged in ↓ By (print) ↓ (sign) ↓
 Date Labeled ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? _____ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap Foam blocks Bags None
- Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) 5.4

Temperature blank(s) included? Thermometer# _____ IR Gun# A

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are there any missing / extra samples? _____ YES NO

11. Are samples in the appropriate containers for indicated tests? _____ YES NO

12. Are sample labels present, in good condition and complete? _____ YES NO

13. Do the sample labels agree with custody papers? _____ YES NO

14. Was sufficient amount of sample sent for tests requested? _____ YES NO

15. Are the samples appropriately preserved? _____ YES NO N/A

16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A

17. Did you document your preservative check? (pH strip lot# _____) YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A

21. Was the client contacted concerning this sample delivery? _____ YES NO

If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Detections Summary for 284240

Results for any subcontracted analyses are not included in this summary.

Client : Golden Gate Tank Removal
 Project : 9669
 Location : 1110 Jackson St.

Client Sample ID : 9669-C-17.5' Laboratory Sample ID : 284240-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	11,000		50	mg/Kg	As Recd	50.00	EPA 8015B	EPA 3550B
Fluorene	110		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Phenanthrene	290		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Anthracene	68		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Fluoranthene	830		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Pyrene	1,000		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (a) anthracene	800		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Chrysene	45		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (b) fluoranthene	280		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (k) fluoranthene	49		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (a) pyrene	100		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Dibenz (a, h) anthracene	130		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (g, h, i) perylene	260		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Indeno (1, 2, 3-cd) pyrene	170		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B

Client Sample ID : 9669-C-18.5' Laboratory Sample ID : 284240-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1,100		10	mg/Kg	As Recd	10.00	EPA 8015B	EPA 3550B
Phenanthrene	190		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Anthracene	78		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Fluoranthene	710		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Pyrene	1,000		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (a) anthracene	170		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (b) fluoranthene	200		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (k) fluoranthene	170		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Benzo (a) pyrene	78		34	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B
Dibenz (a, h) anthracene	160		67	ug/Kg	As Recd	10.00	EPA 8310	EPA 3550B

Total Extractable Hydrocarbons

Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	12/02/16
Units:	mg/Kg	Received:	12/02/16
Basis:	as received	Prepared:	12/15/16
Batch#:	242455		

Field ID: 9669-C-17.5' Diln Fac: 50.00
 Type: SAMPLE Analyzed: 12/16/16
 Lab ID: 284240-001

Analyte	Result	RL
Diesel C10-C24	11,000	50

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: 9669-C-18.5' Diln Fac: 10.00
 Type: SAMPLE Analyzed: 12/16/16
 Lab ID: 284240-002

Analyte	Result	RL
Diesel C10-C24	1,100	10

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Type: BLANK Diln Fac: 1.000
 Lab ID: QC864881 Analyzed: 12/15/16

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
o-Terphenyl	110	59-140

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC864882	Batch#:	242455
Matrix:	Soil	Prepared:	12/15/16
Units:	mg/Kg	Analyzed:	12/15/16

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.32	53.57	106	58-137

Surrogate	%REC	Limits
o-Terphenyl	116	59-140

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	242455
MSS Lab ID:	284029-007	Sampled:	12/05/16
Matrix:	Soil	Received:	12/07/16
Units:	mg/Kg	Prepared:	12/15/16
Basis:	as received	Analyzed:	12/15/16
Diln Fac:	1.000		

Type: MS Lab ID: QC864883

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	16.47	50.19	62.68	92	46-154

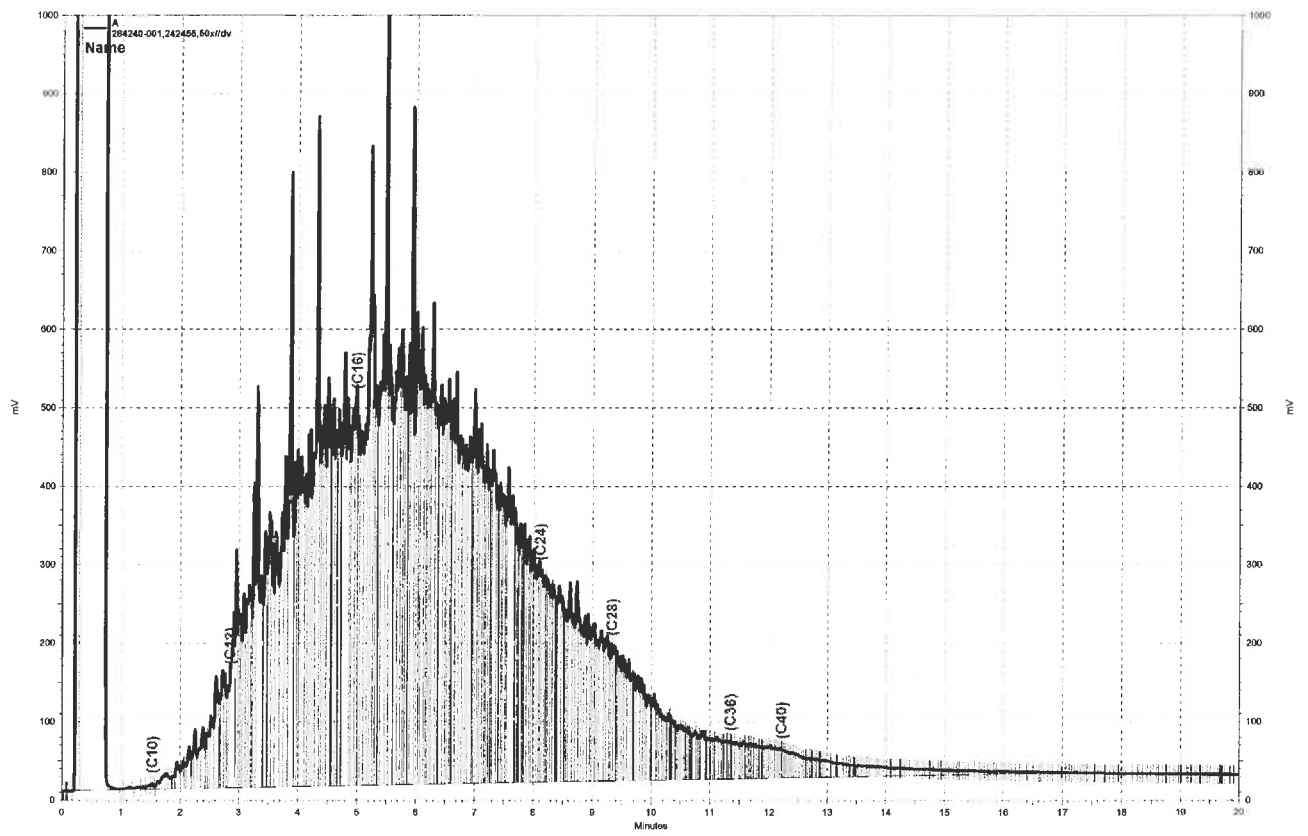
Surrogate	%REC	Limits
o-Terphenyl	103	59-140

Type: MSD Lab ID: QC864884

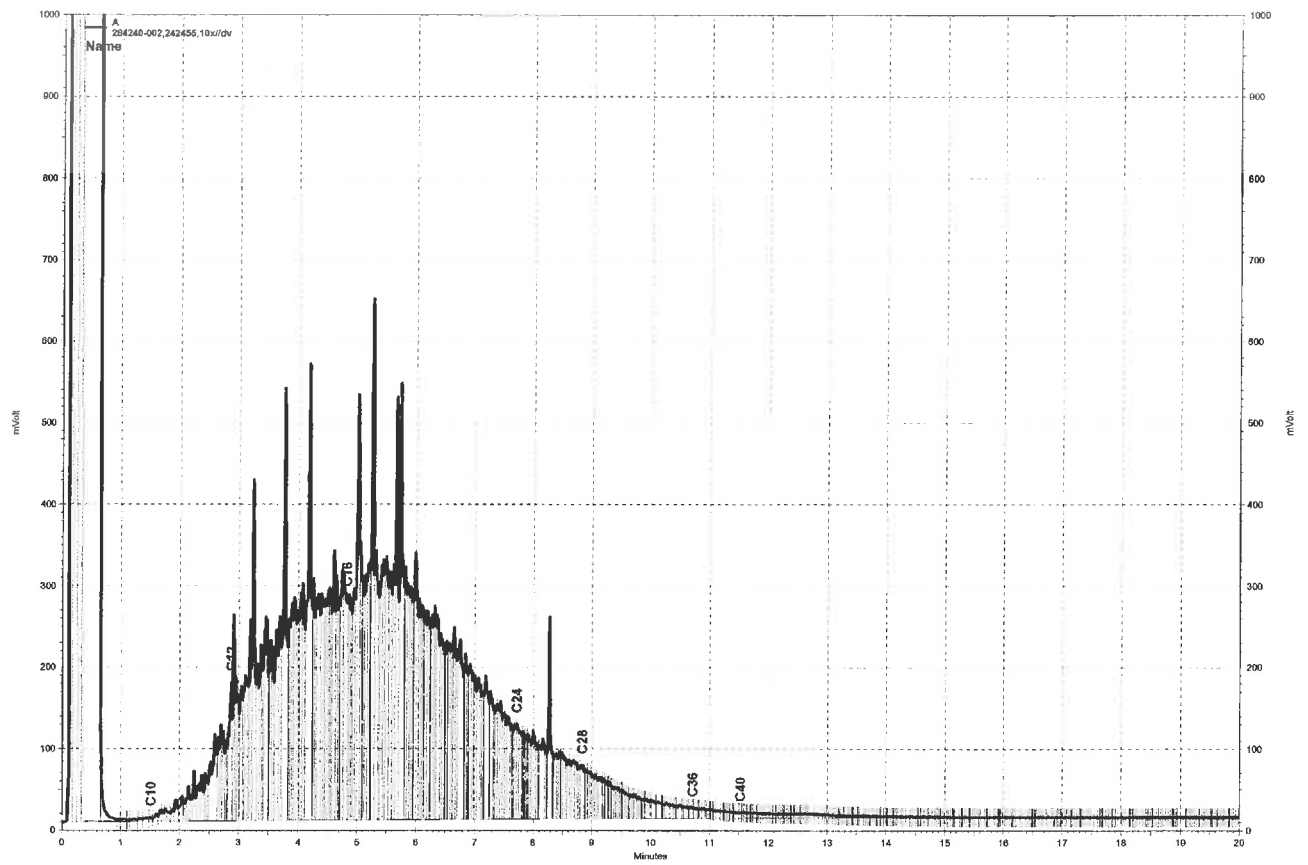
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.72	61.19	90	46-154	2	50

Surrogate	%REC	Limits
o-Terphenyl	107	59-140

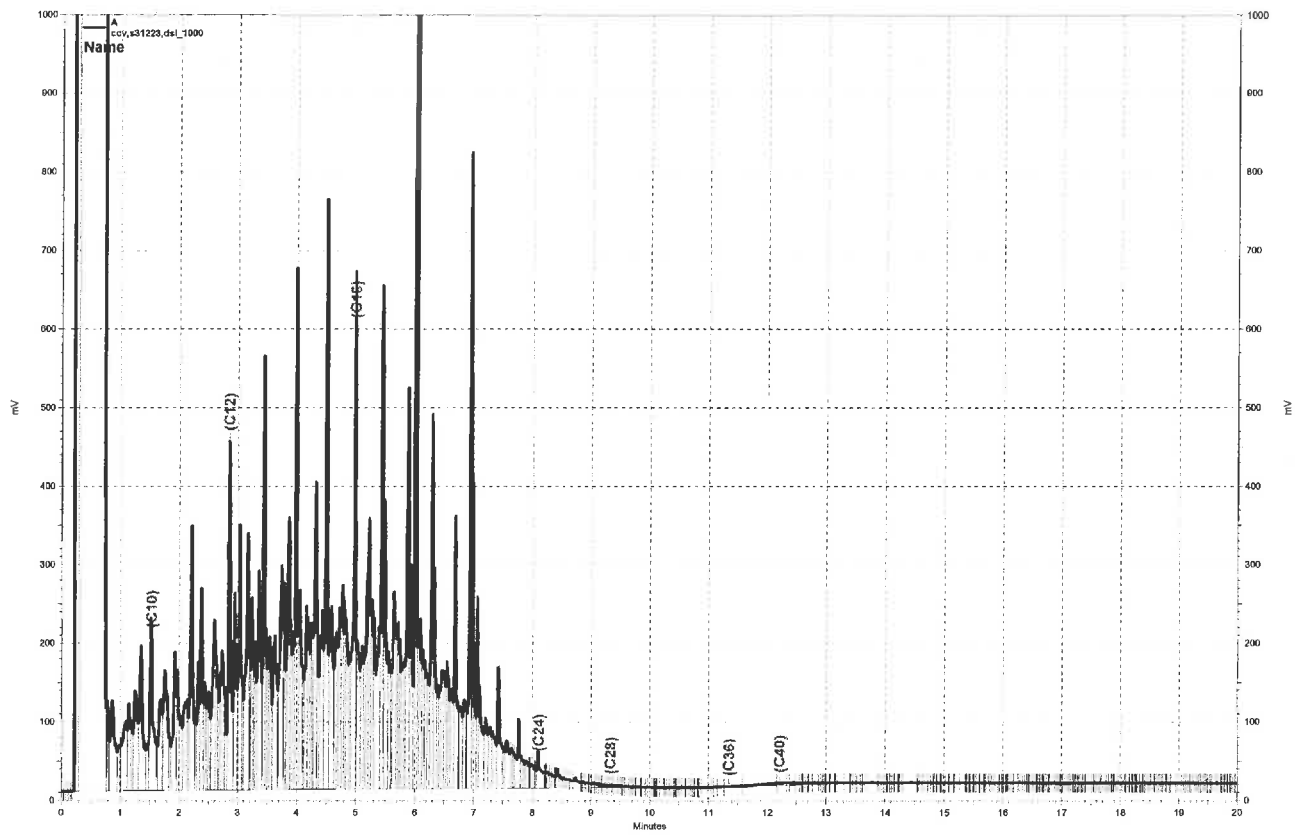
RPD= Relative Percent Difference



— \\kraken\drive\ezchrom\Projects\GC17a\Data\351a022, A



— \\kraken\gdrive\ezchrom\Projects\GC26\data\351a010, A



\\kraken\drive\ezchrom\Projects\GC17a\Data\351a017, A

Purgeable Aromatics by GC/MS

Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-C-17.5'	Basis:	as received
Lab ID:	284240-001	Sampled:	12/02/16
Matrix:	Soil	Received:	12/02/16
Units:	ug/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
MTBE	ND	9.7	1.931	242389	12/14/16
Benzene	ND	9.7	1.931	242389	12/14/16
Toluene	ND	9.7	1.931	242389	12/14/16
Ethylbenzene	ND	9.7	1.931	242389	12/14/16
m,p-Xylenes	ND	9.7	1.931	242389	12/14/16
o-Xylene	ND	9.7	1.931	242389	12/14/16
Naphthalene	ND	10	2.008	242430	12/15/16

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	90	78-134	1.931	242389	12/14/16
1,2-Dichloroethane-d4	102	80-138	1.931	242389	12/14/16
Toluene-d8	100	80-120	1.931	242389	12/14/16
Bromofluorobenzene	98	78-123	1.931	242389	12/14/16

Purgeable Aromatics by GC/MS

Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	9669-C-18.5'	Diln Fac:	1.946
Lab ID:	284240-002	Batch#:	242389
Matrix:	Soil	Sampled:	12/02/16
Units:	ug/Kg	Received:	12/02/16
Basis:	as received	Analyzed:	12/14/16

Analyte	Result	RL
MTBE	ND	9.7
Benzene	ND	9.7
Toluene	ND	9.7
Ethylbenzene	ND	9.7
m,p-Xylenes	ND	9.7
o-Xylene	ND	9.7
Naphthalene	ND	9.7

Surrogate	%REC	Limits
Dibromofluoromethane	87	78-134
1,2-Dichloroethane-d4	96	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	93	78-123

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC864610	Batch#:	242389
Matrix:	Soil	Analyzed:	12/14/16
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
MTBE	37.50	35.07	94	61-122
Benzene	37.50	37.29	99	80-123
Toluene	37.50	40.18	107	80-120
Ethylbenzene	37.50	41.63	111	80-122
m,p-Xylenes	75.00	90.28	120	80-127
o-Xylene	37.50	41.23	110	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-134
1,2-Dichloroethane-d4	108	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	94	78-123

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC864611	Batch#:	242389
Matrix:	Soil	Analyzed:	12/14/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	88	78-134
1,2-Dichloroethane-d4	100	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	100	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	242389
MSS Lab ID:	284256-001	Sampled:	12/12/16
Matrix:	Soil	Received:	12/13/16
Units:	ug/Kg	Analyzed:	12/14/16
Basis:	as received		

Type: MS Diln Fac: 0.9709
 Lab ID: QC864652

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.2822	48.54	34.65	71	49-120
Benzene	<0.4699	48.54	39.40	81	57-120
Toluene	<0.5051	48.54	42.78	88	51-120
Ethylbenzene	<0.4542	48.54	42.48	88	45-120
m,p-Xylenes	<0.6174	97.09	91.37	94	45-123
o-Xylene	<0.4924	48.54	42.28	87	44-122

Surrogate	%REC	Limits
Dibromofluoromethane	83	78-134
1,2-Dichloroethane-d4	86	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	92	78-123

Type: MSD Diln Fac: 0.9843
 Lab ID: QC864653

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	49.21	35.22	72	49-120	0	40
Benzene	49.21	44.48	90	57-120	11	44
Toluene	49.21	48.94	99	51-120	12	47
Ethylbenzene	49.21	48.93	99	45-120	13	55
m,p-Xylenes	98.43	105.0	107	45-123	13	53
o-Xylene	49.21	48.59	99	44-122	13	55

Surrogate	%REC	Limits
Dibromofluoromethane	82	78-134
1,2-Dichloroethane-d4	84	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	92	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC864770	Batch#:	242430
Matrix:	Soil	Analyzed:	12/15/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	134	78-134
1,2-Dichloroethane-d4	142 *	80-138
Toluene-d8	85	80-120
Bromofluorobenzene	115	78-123

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC864874	Batch#:	242430
Matrix:	Soil	Analyzed:	12/15/16
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	25.80	103	61-122
Benzene	25.00	21.72	87	80-123
Toluene	25.00	20.32	81	80-120
Ethylbenzene	25.00	23.09	92	80-122
m,p-Xylenes	50.00	46.93	94	80-127
o-Xylene	25.00	23.63	95	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	121	78-134
1,2-Dichloroethane-d4	121	80-138
Toluene-d8	84	80-120
Bromofluorobenzene	108	78-123

Polynuclear Aromatics by HPLC

Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8310
Field ID:	9669-C-17.5'	Batch#:	242399
Lab ID:	284240-001	Sampled:	12/02/16
Matrix:	Soil	Received:	12/02/16
Units:	ug/Kg	Prepared:	12/14/16
Basis:	as received	Analyzed:	12/19/16
Diln Fac:	10.00		

Analyte	Result	RL
Naphthalene	ND	340
Acenaphthylene	ND	670
Acenaphthene	ND	340
Fluorene	110	67
Phenanthrene	290	34
Anthracene	68	34
Fluoranthene	830	67
Pyrene	1,000	34
Benzo (a) anthracene	800	34
Chrysene	45	34
Benzo (b) fluoranthene	280	67
Benzo (k) fluoranthene	49	34
Benzo (a) pyrene	100	34
Dibenz (a, h) anthracene	130	67
Benzo (g, h, i) perylene	260	67
Indeno (1, 2, 3-cd) pyrene	170	34

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	DO	50-150
1-Methylnaphthalene (F)	DO	50-150

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Polynuclear Aromatics by HPLC

Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8310
Field ID:	9669-C-18.5'	Batch#:	242399
Lab ID:	284240-002	Sampled:	12/02/16
Matrix:	Soil	Received:	12/02/16
Units:	ug/Kg	Prepared:	12/14/16
Basis:	as received	Analyzed:	12/19/16
Diln Fac:	10.00		

Analyte	Result	RL
Naphthalene	ND	340
Acenaphthylene	ND	670
Acenaphthene	ND	340
Fluorene	ND	67
Phenanthrene	190	34
Anthracene	78	34
Fluoranthene	710	67
Pyrene	1,000	34
Benzo (a) anthracene	170	34
Chrysene	ND	34
Benzo (b) fluoranthene	200	67
Benzo (k) fluoranthene	170	34
Benzo (a) pyrene	78	34
Dibenz (a, h) anthracene	160	67
Benzo (g, h, i) perylene	ND	67
Indeno (1, 2, 3-cd) pyrene	ND	34

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	DO	50-150
1-Methylnaphthalene (F)	DO	50-150

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Polynuclear Aromatics by HPLC			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC864649	Batch#:	242399
Matrix:	Soil	Prepared:	12/14/16
Units:	ug/Kg	Analyzed:	12/19/16

Analyte	Result	RL
Naphthalene	ND	34
Acenaphthylene	ND	67
Acenaphthene	ND	34
Fluorene	ND	6.7
Phenanthrene	ND	3.4
Anthracene	ND	3.4
Fluoranthene	ND	6.7
Pyrene	ND	3.4
Benzo (a) anthracene	ND	3.4
Chrysene	ND	3.4
Benzo (b) fluoranthene	ND	6.7
Benzo (k) fluoranthene	ND	3.4
Benzo (a) pyrene	ND	3.4
Dibenz (a, h) anthracene	ND	6.7
Benzo (g, h, i) perylene	ND	6.7
Indeno (1, 2, 3-cd) pyrene	ND	3.4

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	79	60-140
1-Methylnaphthalene (F)	74	60-140

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Polynuclear Aromatics by HPLC			
Lab #:	284240	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9669	Analysis:	EPA 8310
Matrix:	Soil	Batch#:	242399
Units:	ug/Kg	Prepared:	12/14/16
Diln Fac:	1.000	Analyzed:	12/19/16

Type: BS Lab ID: QC864650

Analyte	Spiked	Result	%REC	Limits
Naphthalene	337.6	295.3	87	60-140
Acenaphthylene	675.2	534.2	79	60-140
Acenaphthene	337.6	297.1	88	60-140
Fluorene	67.52	58.50	87	60-140
Phenanthrene	33.76	29.74	88	60-140
Anthracene	33.76	29.54	88	60-140
Benzo(k) fluoranthene	33.76	30.67	91	60-140
Indeno(1,2,3-cd)pyrene	33.76	31.11	92	60-140

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	79	60-140
1-Methylnaphthalene (F)	71	60-140

Type: BSD Lab ID: QC864651

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	333.4	326.0	98	60-140	11	20
Acenaphthylene	666.9	547.2	82	60-140	4	20
Acenaphthene	333.4	312.4	94	60-140	6	20
Fluorene	66.69	59.67	89	60-140	3	20
Phenanthrene	33.34	30.23	91	60-140	3	20
Anthracene	33.34	29.67	89	60-140	2	20
Benzo(k) fluoranthene	33.34	30.72	92	60-140	1	20
Indeno(1,2,3-cd)pyrene	33.34	31.39	94	60-140	2	20

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	80	60-140
1-Methylnaphthalene (F)	72	60-140

RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC863369	Batch#:	242078
Matrix:	Soil	Analyzed:	12/06/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	93	78-134
1,2-Dichloroethane-d4	104	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	103	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	242078
MSS Lab ID:	283979-001	Sampled:	12/05/16
Matrix:	Soil	Received:	12/05/16
Units:	ug/Kg	Analyzed:	12/06/16
Basis:	as received		

Type: MS Diln Fac: 0.9328
 Lab ID: QC863422

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.4540	46.64	43.08	92	49-120
Benzene	<0.6543	46.64	43.95	94	57-120
Toluene	<0.7167	46.64	42.12	90	51-120
Ethylbenzene	<0.6693	46.64	41.57	89	45-120
m,p-Xylenes	<1.294	93.28	79.80	86	45-123
o-Xylene	<0.5584	46.64	40.29	86	44-122

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-134
1,2-Dichloroethane-d4	109	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	69 *	78-123

Type: MSD Diln Fac: 0.9862
 Lab ID: QC863423

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	49.31	48.64	99	49-120	7	40
Benzene	49.31	52.43	106	57-120	12	44
Toluene	49.31	51.07	104	51-120	14	47
Ethylbenzene	49.31	50.29	102	45-120	13	55
m,p-Xylenes	98.62	96.76	98	45-123	14	53
o-Xylene	49.31	48.08	98	44-122	12	55

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-134
1,2-Dichloroethane-d4	108	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	67 *	78-123

*= Value outside of QC limits; see narrative
 RPD= Relative Percent Difference
 Page 1 of 1

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	242129
Units:	ug/Kg	Analyzed:	12/07/16
Diln Fac:	1.000		

Type: BS Lab ID: QC863583

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	22.59	90	61-122
Benzene	25.00	24.32	97	80-123
Toluene	25.00	23.63	95	80-120
Ethylbenzene	25.00	23.58	94	80-122
m,p-Xylenes	50.00	45.18	90	80-127
o-Xylene	25.00	22.41	90	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	91	78-134
1,2-Dichloroethane-d4	106	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	98	78-123

Type: BSD Lab ID: QC863584

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	21.99	88	61-122	3	26
Benzene	25.00	23.69	95	80-123	3	21
Toluene	25.00	23.04	92	80-120	3	20
Ethylbenzene	25.00	22.48	90	80-122	5	20
m,p-Xylenes	50.00	43.37	87	80-127	4	20
o-Xylene	25.00	21.70	87	80-125	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	91	78-134
1,2-Dichloroethane-d4	104	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	98	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	283930	Location:	1110 Jackson St.
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9669	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC863585	Batch#:	242129
Matrix:	Soil	Analyzed:	12/07/16
Units:	ug/Kg		

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Naphthalene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	92	78-134
1,2-Dichloroethane-d4	101	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	98	78-123

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number 01609R668 JJK								
		5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)									
Generator's Phone:		6. Transporter 1 Company Name		U.S. EPA ID Number									
7. Transporter 2 Company Name		U.S. EPA ID Number											
8. Designated Facility Name and Site Address		U.S. EPA ID Number											
Facility's Phone:		9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
						No. Type							
		1.		HAZARDOUS WASTE LIQUORICIOUS WASTE		1 17		600					
		2.											
		3.											
		4.											
14. Special Handling Instructions and Additional Information <i>HAZARDOUS WASTE TANK RECEIVAL - 0660</i>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name: <i>Herman Mora</i> Signature: <i>Herman Mora</i> Month: <i>11</i> Day: <i>23</i> Year: <i>16</i>													
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name: <i>Edwin Mora</i> Signature: <i>Ed M</i> Month: <i>11</i> Day: <i>23</i> Year: <i>16</i>													
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____													
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <i>1101</i> 2. _____ 3. _____ 4. _____													
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name: <i>Keith L. Mora</i> Signature: <i>Keith L. Mora</i> Month: <i>11</i> Day: <i>23</i> Year: <i>16</i>													



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 N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: 11J Family Housing LP 1110 Jackson St. Oakland, CA 94607 f. Phone: 510-287-5353			e. Generator's Mailing Address: C/O East Bay Asian Local Development 1825 San Pablo Ave Oakland, CA 94612 g. Phone: 510-287-5353		
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.	n. Total Quantity
				Type	o. Unit Wt/Vol
42121620752	05/30/2017	Soil			
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.					
Gina Wee			[Signature]		12/02/16
p. Generator Authorized Agent Name (Print)			q. Signature		r. Date

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

a. Transporter's Name and Address:		F. A. Poli Trucking P.O. Box 1624 San Bruno, CA 94066		MCGRAW TRUCKING	
b. Phone: 650-589-7529		San Bruno, CA 94066		# 245 Lic 8087218	
c. Driver Name (Print): Randy McGraw		d. Signature: [Signature]		e. Date: 12/3/16	

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

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd Pittsburg, CA 94565 b. Phone: 925-458-8800		c. US EPA Number	d. Discrepancy Indication Space:
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): [Signature]		f. Signature: [Signature]	g. Date: 12-3-16

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. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> 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)		i. Date	
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			



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 N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: 11J Family Housing LP 1110 Jackson St. Oakland, CA 94607 f. Phone: 510-287-5353			e. Generator's Mailing Address: C/O East Bay Asian Local Development 1825 San Pablo Ave Oakland, CA 94612 g. Phone: 510-287-5353		
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. Type		n. Total Quantity
42121620752	05/30/2017	Soil			

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.

Gina Wee				12/02/16
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date

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

a. Transporter's Name and Address: F. A. Poli Trucking P.O. Box 1624 San Bruno, CA 94066		M.C. BENNETT TRUCKING 38789 SPANISH SAN PABLO FRENCH CR. # 25	
b. Phone: 650-589-7529			
c. Driver Name (Print) William Bennett	d. Signature 	e. Date 12-3-16	

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

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd Pittsburg, CA 94565 b. Phone: 925-458-9800		c. US EPA Number	d. Discrepancy Indication Space:
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 12-3-16

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. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> 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)		i. Date	
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 925-232-2999
901 Bailey Road-Pittsburg, CA

CUSTOMER 674678
Golden Gate Tank Removal, Inc.
1480 Carroll Avenue
San Francisco, CA 94124
Contract:42121620752
Generator:11J Family Housing LP

SITE 01	TICKET #	1100288	CELL
WEIGHMASTER		Felipe C.	
DATE/TIME IN	12/3/16 11:22 am	DATE/TIME OUT	12/3/16 11:38 am
VEHICLE	MT245	CONTAINER	
REFERENCE			
BILL OF LADING			

SCALE IN GROSS WEIGHT	44,600	NET TONS	11.74	INBOUND
SCALE OUT TARE WEIGHT	21,120	NET WEIGHT	23,480	INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.74	tn	SW-BENEFICIAL REUSE Origin:OAKLAND 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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 accuracy, 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.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and 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 

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE KELLER CANYON LANDFILL 925-232-2999
901 Bailey Road-Pittsburg, CA

CUSTOMER 674678
Golden Gate Tank Removal, Inc.
1480 Carroll Avenue
San Francisco, CA 94124
Contract:42121620752
Generator:11J Family Housing LP

SITE 01	TICKET #	1100216	CELL
WEIGHMASTER		Felipe C.	
DATE/TIME IN	12/3/16 7:57 am	DATE/TIME OUT	12/9/16 8:12 am
VEHICLE	WCB25	CONTAINER	
REFERENCE			
BILL OF LADING			

SCALE IN GROSS WEIGHT	48,260	NET TONS	13.00	INBOUND
SCALE OUT TARE WEIGHT	22,260	NET WEIGHT	26,000	INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
10.00	YD	Tracking QTY				
13.00	tn	SW-BENEFICIAL REUSE Origin:OAKLAND 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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 accuracy, 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.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and 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 

NET AMOUNT
TENDERED
CHANGE
CHECK#

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/ CONTAMINATION SITE REPORT			
EMERGENCY <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> Yes <input type="checkbox"/> No	
REPORT DATE 11/23/16		CASE #	
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.			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Gina Wee		PHONE (415) 512-1555
	SIGNATURE 		DATE
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OWNER/OPERATOR <input checked="" type="checkbox"/> OTHER... contractor		COMPANY OR AGENCY NAME Golden Gate Tank Removal, Inc.
RESPONSIBLE PARTY	ADDRESS 1480 Carroll Avenue San Francisco CA 94124		
	NAME 11J Family Housing, LP <input type="checkbox"/> Unknown		PHONE 510-287-5353
	ADDRESS 1825 San Pablo Avenue Oakland CA 94612		
SITE LOCATION	FACILITY NAME (IF APPLICABLE)		OPERATOR
	ADDRESS 1110 Jackson St Oakland Alameda 94607		PHONE
	CROSS STREET 38th Avenue		
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Environmental Health -Barbara Jakub		PHONE 510-567-6737
	REGIONAL BOARD		PHONE
SUBSTANCES INVOLVED	(1) NAME Diesel		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> Unknown
	(2)		<input type="checkbox"/> Unknown
DISCOVERY/ABATEMENT	DATE DISCOVERED 11/23/16	HOW DISCOVERED <input type="checkbox"/> Tank Test <input checked="" type="checkbox"/> Tank Removal <input type="checkbox"/> Nuisance Conditions <input type="checkbox"/> Inventory Control <input type="checkbox"/> Subsurface Monitoring <input type="checkbox"/> Other...	
	DATE DISCHARGE BEGAN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> Unknown <input checked="" type="checkbox"/> Remove Contents <input checked="" type="checkbox"/> Close Tank & Removed <input type="checkbox"/> Repair Tank <input type="checkbox"/> Change Procedure <input type="checkbox"/> Replace Tank <input type="checkbox"/> Other... <input type="checkbox"/> Repair Piping	
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 11/23/16 IF YES, DATE		
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> Tank Leak <input type="checkbox"/> Piping Leak <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other...	CAUSE(S) <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Rupture/Failure <input type="checkbox"/> Unknown <input type="checkbox"/> Spill <input type="checkbox"/> Other...	
CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> Undetermined <input checked="" type="checkbox"/> Soil Only <input type="checkbox"/> Groundwater <input type="checkbox"/> Drinking Water - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)		
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> No Action Taken <input type="checkbox"/> Case Closed (Cleanup Completed or Unnecessary) <input checked="" type="checkbox"/> Leak Being Confirmed <input type="checkbox"/> Pollution Characterization <input type="checkbox"/> Remediation Plan <input type="checkbox"/> Post Cleanup Monitoring in Progress <input type="checkbox"/> Preliminary Site Assessment Workplan Submitted <input type="checkbox"/> Cleanup Underway <input type="checkbox"/> Preliminary Site Assessment Underway		
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> Cap Site (CD) <input type="checkbox"/> Excavate & Treat (ET) <input type="checkbox"/> Treatment at Hookup (HU) <input type="checkbox"/> Other... <input type="checkbox"/> Contamination Barrier (CB) <input type="checkbox"/> No Action Required (NA) <input type="checkbox"/> Enhanced Bio Degradation (IT) <input type="checkbox"/> Vacuum Extract (VE) <input type="checkbox"/> Remove Free Product (FP) <input type="checkbox"/> Replace Supply (RS) <input checked="" type="checkbox"/> Excavate & Dispose (ED) <input type="checkbox"/> Pump & Treat Groundwater (GT) <input type="checkbox"/> Vent Soil (VS)		
COMMENTS	Holes found in the tanks Contaminated Soil		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC002885669	2. Page 1 of 1	3. Emergency Response Phone 310-354-9999	4. Manifest Tracking Number 013897226 JJK				
5. Generator's Name and Mailing Address 1825 SAN PABLO AVE OAKLAND CA 94612 Generator's Phone: 510-287-5353				Generator's Site Address (if different than mailing address) 1110 JACKSON ST OAKLAND CA 946076					
6. Transporter 1 Company Name ECOLOGY CONTROL INDUSTRIES					U.S. EPA ID Number CAD982030173				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address ECOLOGY CONTROL INDUSTRIES 255 PARR BLVD RICHMOND CA 94601 Facility's Phone: 510-235-1393					U.S. EPA ID Number CAD009466392				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1	NON-RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)		001	TP	2000	P	512	
	2								
	3								
	4								
14. Special Handling Instructions and Additional Information ECI JOB#52T5050 TANK# 34801 WEAR PROPER PPE WHEN HANDLING ?? WEIGHTS ARE APPROXIMATE									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name AKENSIGN MORA		Signature <i>[Signature]</i>			Month 11		Day 23		Year 16
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Bill Traskie		Signature <i>[Signature]</i>			Month 11		Day 23		Year 16
Transporter 2 Printed/Typed Name		Signature			Month		Day		Year
18. Discrepancy									
18a. Discrepancy Indicator Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____ U.S. EPA ID Number _____									
18b. Alternate Facility (or Generator): Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1 #129		2		3		4			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name Shon Spence		Signature <i>[Signature]</i>			Month 11		Day 23		Year 16

**UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS WASTE
HAZARDOUS WASTE TANK CLOSURE CERTIFICATION**

Page of

I. FACILITY IDENTIFICATION

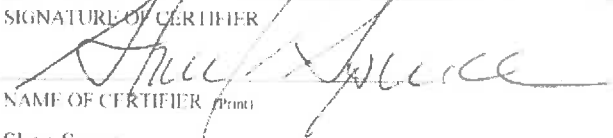
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	3	FACILITY ID#	
1110 Jackson Street			
TANK OWNER NAME			
111 Family Housing, L.P.			
TANK OWNER ADDRESS			
1825 San Pablo Avenue			
TANK OWNER CITY	Oakland	742	STATE CA 743
			ZIP CODE 94612 744

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
		747a	747b	747c	747d	747e	747f
1	745	748a	748b	748c	748d	748e	748f
2	748	749a	749b	749c	749d	749e	749f
3	751	752a	752b	752c	752d	752e	752f

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 	STATUS OR AFFILIATION OF CERTIFYING PERSON
NAME OF CERTIFIER (Print) Shon Space	Certifier is a representative of the CUPA, authorized agency, or LIA: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TITLE OF CERTIFIER GENERAL MANAGER	Name of CUPA, authorized agency, or LIA:
ADDRESS 255 Parr Blvd	If certifier is other than CUPA / LIA check appropriate box below:
CITY Richmond	<input type="checkbox"/> a. Certified Industrial Hygienist (CIH)
PHONE 510-235-1393	<input type="checkbox"/> b. Certified Safety Professional (CSP)
DATE 11/29/16 759	<input type="checkbox"/> c. Certified Marine Chemist (CMC)
CERTIFICATION TIME 10 AM	<input type="checkbox"/> d. Registered Environmental Health Specialist (REHS)
	<input type="checkbox"/> e. Professional Engineer (PE)
	<input type="checkbox"/> f. Class II Registered Environmental Assessor
	<input checked="" type="checkbox"/> g. Contractor's 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

TANK # 34801
1000 GALLON SLUGS

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:	GOLDEN GATE TANK REMOVAL	Reason:	Tanks
Address:	1110 JACKSON ST	Scheduled:	2016-11-14 12:00AM
Job (Insp Ref#):	2016-66553	Assigned To:	Skilern,Sheryl

Comments: 11-14-2016 CLL UNDERGROUND TANK REMOVAL PAID \$816.00
 1 HR REVEIW AT \$439 AND 1 UNDERGROUND TANK INSPECTION AT \$377

Invoice # 2016-36860

Applicant:

Invoice Amount 816.00

Applicant Ph#:

Contractor:

Contractor Ph#:

Contact Name

GINA WEE

Plan Pick-Up Phone

415-512-1555

Plan Pick-Up Person

ASCENSION MORA

*Inspector
 Skilern*



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: November 11, 2016

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 west side of Jackson Street St./Ave. 25-30 feet of 11th Street St./Ave.

Site Address: 1110 Jackson Street Present storage Diesel

Owner: 11J Family Housing LP Address 1825 San Pablo Ave., Ste 200 Phone (510)287-5353

Oakland CA 94612

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

San Francisco CA 94124

Sidewalk surface to be disturbed X Number of Tanks 1 (one) Capacity 500 Gallons ea.

Remarks USTs removal

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

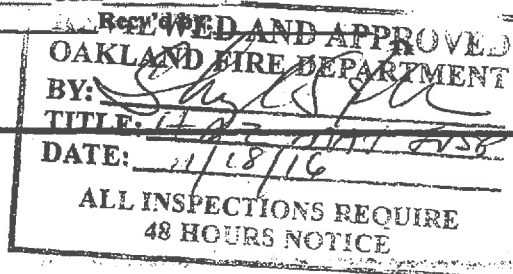
NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No. _____
Copies to: Electrical Inspection

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

rev:05/98





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

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

Operational Fire Permit

Post Permit in Conspicuous Location

Occupancy Mailing Address

GOLDEN GATE TANK REMOVAL
 1480 Carroll Ave
 San Francisco CA

94124

Effective 11/18/2016 Expires 11/17/2017

Inspection Ref # 2016-66553

Permit Ref # FP16SKIS-00042

Facility Address

1110 JACKSON ST

OAKLAND

CA 94607

This operational **Underground Tank Removal Permit** permit is here by granted and is effective 11/18/2016 and expires on 11/17/2017.

The holder of this permit agrees to maintain the building/business compliant with City, State, and Federal standards associated with the business operations. Failure to do so will result in the termination of this fire permit. At the time this permit was issued, the facility was in compliance with the City of Oakland Fire Code. The permit holder understands this permit must be renewed prior to the expiry date indicated above. Below is a list of specific permit conditions:

Not Valid If Permit Fees Not Paid

Sheryl Skilern Haz-Mat Inspector

Miguel Trujillo
 Fire Marshal

Oakland Fire Prevention Bureau Office of the Fire Marshal





**SITE SAFETY PLAN
UNDERGROUND TANK REMOVAL**

REVIEWED AND APPROVED OAKLAND FIRE DEPARTMENT BY: <i>[Signature]</i> TITLE: <i>Hazardous Waste Site</i> DATE: <i>11/8/16</i> ALL INSPECTIONS REQUIRE 48 HOURS NOTICE
--

1110 Jackson Street
OAKLAND, CA 94607

November 11, 2016

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

PROJECT # 9669

1110 Jackson Street, Oakland, CA 94607

SITE HAZARD INFORMATION

PLEASE PROVIDE THE FOLLOWING INFORMATION FOR THE SITE

Owners Name: 11J Family Housing L.O.
Site Address: 1110 Jackson Street, Oakland, CA
Directions to Site: Cross Street: 12th Street

Consultant On Site: Golden Gate Tank Removal, Inc. Phone number: 415/512-1555
Site Safety Officer: Tim Hallen Phone Number: 415/512-1555
Type of Facility: Commercial Mobile Number: 415/559-0499
Site Activities: [] Drilling [] construction [x] Tank Excavation [] Soil Excavation
[] Work in Traffic Area [] Groundwater Extraction [] Vapor Extraction [] Above Ground Remediation
[] Other:

Hazardous Substances

Table with 3 columns: Name (CAS#), Expected Concentration, Health Affects. Row 1: Diesel, Minimal, Nausea, Dizziness.

Physical Hazards

[x] Noise [x] Excavations/Trenches
[x] Traffic [] Other:
[x] Underground Hazards
[] Overhead Lines
Potential Explosions and Fire hazards:

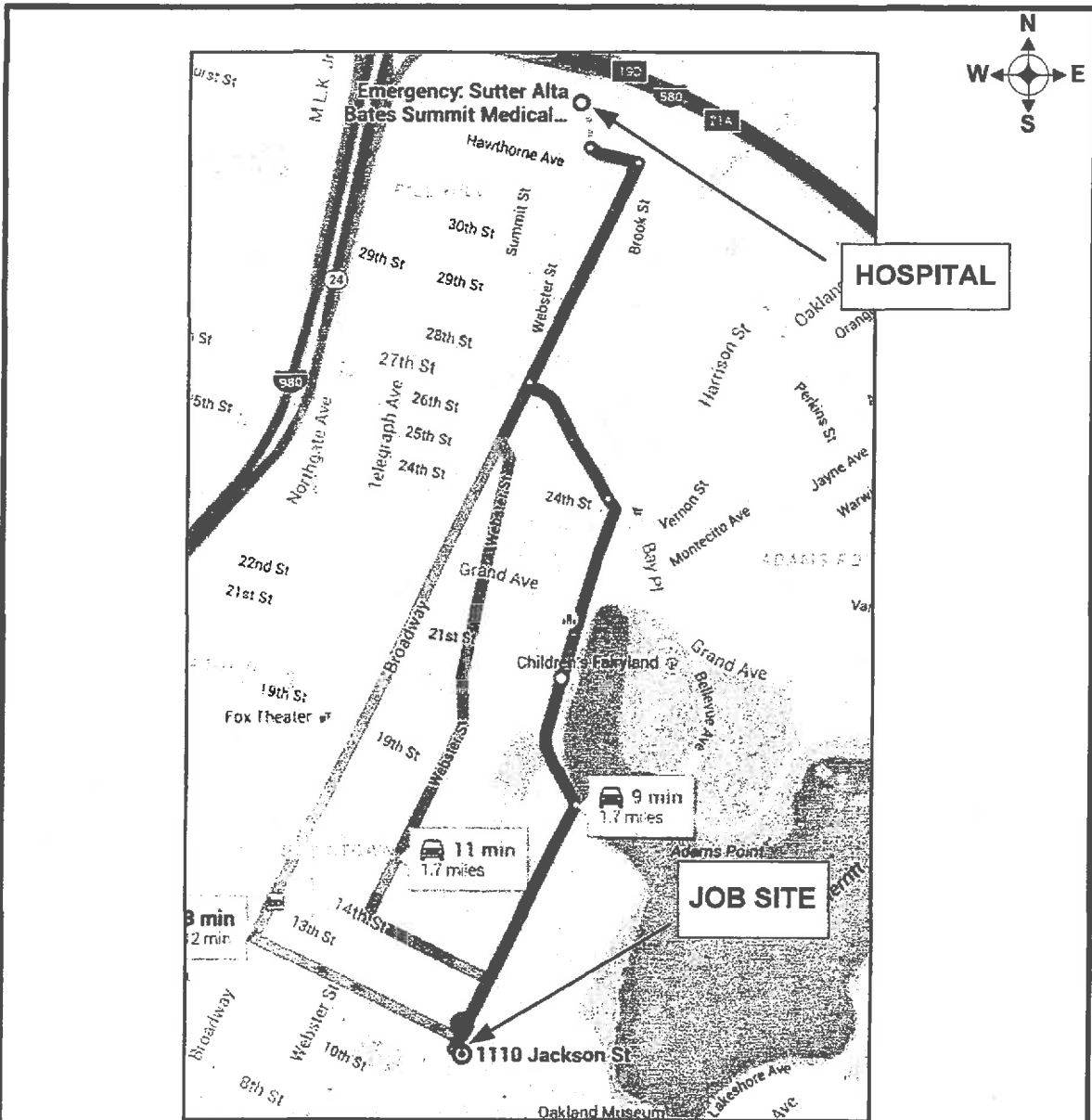
Level of Protection Equipment

[] A [] B [] C [x] D [x] See Personal Protective Equipment

Personal Protective Equipment

R = Required A = As Needed

- R Hard Hat
A Safety Boots
R Orange Vest
A Hearing Protection
A Tyvek Coveralls
A Safety Eye wear (Type)
A Respirator (Type) 1/2 Face
A Filter (Type) Carbon
A Gloves (Type) Leather
Other



Distance/Time: 1.7 mi/ 8 mins.
 Head northeast on Jackson St toward 12th St
 3 min (0.4 mi)
 Take Harrison St, 27th St and Broadway to Hawthorne Ave
 5 min (1.1 mi)
 Follow Hawthorne Ave and Webster St to 34th St

GOLDEN GATE TANK REMOVAL, INC.
 1480 Carroll Avenue
 San Francisco, CA 94124
 Ph (415) 512-1555 Fx (415) 512-0964

HOSPITAL MAP
 Sutter Alta Bates Summit Medical Center
 357 34th Street, Oakland, CA 94609
 510-655-4000

1110 Jackson Street, Oakland, CA 94607

SITE HAZARD INFORMATION

Monitoring Equipment On Site

- Organic Vapor Analyzer
- Oxygen Meter
- H2S Meter
- Air Sampling Pump
- Combustible Gas Meter
- Other _____

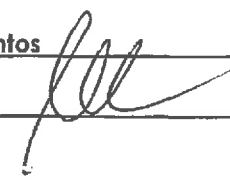
Site Control Measures Normal Pedestrian, Orange Cones, Traffic Signs, NO SMOKING Signs

Decontamination Procedures Warm Water Soap

Hospital/Clinic Sutter Alta Bates Summit Medical Center Phone 510-655-4000
 Hospital Address 357 34th St., Oakland, CA
 Paramedic 911 Fire Dept. 911 Police Dept. 911

Emergency/Contingency Plans & Procedures See Safety Procedures

Site Hazard Information Provided By: Carlyn Santos Phone: 415/512-1555

Signature:  Date: 11/11/16

1.0 PURPOSE

This operating procedure establishes minimum procedures for protecting personnel against the hazardous properties during the performance of the removal of an underground storage tank and related activities. All employees and subcontractors of Golden Gate Tank Removal shall follow this plan. This plan is developed to work with the California Occupational Safety and Health Code to quickly prepare and issue a site safety plan for the removal of an underground storage tank and the related activities.

2.0 APPLICABILITY

This procedure is applicable to the removal of underground storage tanks and the related activities. Listed below are some of, but not limited to, the activities and substances that may be encountered during the project.

Activities:

The work to be performed will include: the excavation of potentially contaminated soil in order to expose the underground storage tank, the stock piling of soil, the removal and manifested disposal of the tank, the recovery of soil samples from the excavation and stockpiled soil, and the backfill and resurfacing of the excavation.

Substances:

- Diesel Fuel Oil (Home Heating Oil)
- Lead and Unleaded Gasoline
- Diesel Fuel
- Motor Oil (used and unused)

3.0 RESPONSIBILITY AND AUTHORITY

Personnel responsible for project safety are the business unit's Health and Safety Officer (HSO), the Project Manager (PM), and the Site Safety Officer (SSO).

The HSO is responsible for reviewing and approving the site safety plan and advising both the PM and SSO on health and safety matters. The HSO has the authority to audit compliance with the provisions of the site safety plan, suspend work or modify work practices for safety reasons, and to dismiss from the site any individual whose conduct on-site endangers the health and safety of themselves and/or others.

The PM is responsible for having the site safety plan prepared and distributed to all field personnel and to an authorized representative of each firm contracted to assist with the on-site work.

The SSO is responsible for assisting the PM with on-site implementation of site safety plan. The SSO may suspend work anytime he/she determines that the provisions of the site safety plan are inadequate to ensure worker safety and inform the PM and HSO of individuals whose on-site behavior jeopardizes their health and safety or the health and safety of others.

4.0 HAZARD EVALUATION/CRITERIA

Chemical

The general types of chemical hazards associated with this project are exposure to various chemical substances, including but not limited to, petroleum hydrocarbon liquids and vapors, caustic and acidic mists, liquids and solids. Exposure to elevated levels of hydrocarbon vapors presents potential health risks that need to be properly controlled. Work practices and methods will be monitored to limit exposures. Where elevated exposures persist, respiratory protection will be the primary control method to protect personnel from inhalation of hydrocarbon vapors.

Physical

The general types of physical hazards associated with this project are:

- Mechanical hazards: swinging objects, machinery, etc.,
- Physical lifting, shoveling, climbing (ladder), etc.,
- Electrical hazards: buried cables and overhead power lines,
- Thermal hazards: heat stress, and heat exhaustion
- Acoustical hazards: excessive noise created by machinery.

Flammability

The general types of flammable hazards associated with this project are fire hazards: natural gas and product lines, flammable petroleum hydrocarbons, and motor driven equipment.

Petroleum distillate fuels possess two intrinsic hazardous properties, namely, flammability and toxicity. The flammable property of the oil and fuels presents a far greater hazard to field personnel than toxicity because it is difficult to protect against and can result in catastrophic consequences. Being Flammable, the vapors of volatile components of crude oil and the fuels can be explosive when confined.

Eliminating any one of the three factors needed to produce combustion can minimize the probability of fire and explosion. Two of the factors, ignition source and vapor concentration, can be controlled in many cases. Prohibiting open fires and smoking on-site, installing spark arrestors on engines and turning off engines when lfl is approached can control ignition. Introducing dry ice (solid carbon dioxide) in the tank can reduce vapor concentrations in the headspace; the carbon dioxide gas will displace the combustible vapors.

5.0 HEALTH AND SAFETY DIRECTIVES

Site-Specific Safety Briefing

Before fieldwork begins, all field personnel, including subcontractor employees must be briefed on their work assignments and safety procedures contained in this document.

Personal Protective Equipment

Each field team member shall have on-site, before the commencement of work, the following personal protective equipment:

- NIOSH-approved full or half face respirator with organic vapor cartridges (cartridges will be supplied pending the work criteria).
- Hard-hat and safety vest
- Leather work boots, steel toed boots are strongly suggested
- Leather work gloves
- Ear protection, earphone type or ear plugs
- Eye protection, safety glasses and splash proof goggles

Equipment Usage

Hard-hats and safety vests must be worn at all times when on the job site.

Safety goggles must be worn when working within 10 feet of any operating heavy equipment (e.g., jackhammer, and backhoe). Splash-proof goggles or face shields must be worn whenever product quantities of fuel are encountered.

Respirators must be worn whenever total airborne hydrocarbon levels in the breathing zone of field personnel reach or exceed a 15-minute average of 25 ppm. If total airborne hydrocarbons in the breathing zone exceed 100 ppm, work must be suspended, personnel directed to move a safe distance from the source, and the HSO or designee consulted.

Chemical-resistant safety boots must be worn during the performance of work where surface soil is obviously contaminated.

Monitoring

Personal exposure to ambient airborne hazards will be monitored to assure that personnel exposures do not exceed acceptable limits and that appropriate selection of protective equipment items is made. If concentrations approach criteria levels, all personnel will be notified of possible site safety changes. Audits will be conducted by the Safety Officer to insure compliance with the Safety Plan and to provide additional support as required.

Area Control and Boundary of Exclusion Zones

Access to hazardous and potential hazardous work sites must be controlled to reduce the probability of occurrence of physical injury and chemical exposure of field personnel, visitors and the public. A hazardous or potential hazardous area includes area where a tank removal or related activity is being performed and/or field personnel are required to wear respirators.

Cordons, steel or wood pedestrian barricades, and/or emergency traffic cones or posts, depending on conditions must identify the boundaries of hazardous and potentially hazardous areas. If such areas are left unattended, signs warning of the danger and forbidding entry must be placed around the perimeter if the areas are accessible to the public. Tank excavations, trenches and other large holes must be guarded with wooded or metal barricades forming a continuous boundary around any excavation. The barricades must be placed no less than two feet from the edge of the excavation or hole. If needed another boundary further from the excavation may be used with wood or metal barricades spaced no further than 20 feet apart and connected with yellow caution tape.

Entry to hazardous areas shall be limited to individuals who must work in those areas. Unofficial visitors must not be permitted to enter hazardous areas while work in those areas is in progress.

Official visitors should be discouraged from entering hazardous areas, but may be allowed to enter only if they agree to abide by the safety officer and are informed of the potential dangers that could be encountered in the areas.

Decontamination

Field decontamination of personnel and equipment is not required except when contamination is obvious (visual or by odor). Recommended de-contamination procedures follow:

Personnel

Gasoline, heating oil, diesel and oil should be removed from skin using a mild detergent and water. Hot water is more effective than cold. Liquid dishwashing detergent is more effective than hand soap. If weathered to an asphaltic condition, mechanics waterless hand cleaner is recommended for initial cleaning followed by detergent and water.

Equipment

Gloves, respirators, hard-hats, boots and goggles should be cleaned as described under personnel. However, if boots do not become clean after washing with detergent and water, they should be cleaned with a strong solution of trisodium phosphate and hot water. If this fails, clean with diesel oil followed by detergent and water to remove diesel oil.

Sampling equipment, augers, vehicle undercarriages, and tires should be steamed cleaned. The steam cleaner is a convenient source of hot water for personnel and protective equipment cleaning.

6.0 SAFETY AND HEALTH TRAINING

Each individual on the job site should have been or is preparing to attend the 40 hr. Hazardous Materials Handling Course as required by the California Occupational Safety and Health Association. In addition, the HSO conducts BI-weekly health and safety meetings.

Each morning before fieldwork begins, all field personnel, including subcontractor employees, must attend the site-specific safety briefing at their work site to receive assignments and safety procedures.

7.0 RECORD KEEPING REQUIREMENT

The following record keeping requirements will be maintained in the program file indefinitely. The particular organization responsible for these records is also listed.

- Copy of this Health and Safety Plan - Golden Gate Tank Removal.
- Health and Safety Training Certification Form for Site Safety Officer -- Golden Gate Tank Removal.
- Any accident/illness report forms -- All Parties.
- Personal sampling results -- Golden Gate Tank Removal.
- Documentation of employee's medical ability to perform work and wear respirators -- All parties.

8.0 HEAT ILLNESS PREVENTION

Procedures for Provision of Water include but are not limited to the following:

The CREW LEADER will bring drinking water containers to the site, so that at least 2 quarts per employee are available at the start of the shift.

The CREW LEADER will bring paper cone rims or bags of disposable cups or drinking cups and the necessary cup dispensers to ensure that enough disposable cups are made available for each worker and are kept clean until used.

As part of GGTR, INC. Effective Replenishment Procedures, the CREW LEADER will check the water level of all containers every HOUR, and more frequently when the temperature exceeds 90°F. When the water level within a container drops below 50%, water containers will be refilled with cool water. To accomplish this task, the TRUCK will carry 2 additional water containers (i.e. 5 gallon bottles) to replace water as needed.

When the temperature exceeds 90 degrees, the CREW LEADER will carry ice in separate containers, so that when necessary, it will be added to the drinking water to keep it cool.

The PROJECT MANAGER will check the work site and place the water as close as possible to the workers. If field terrain prevents the water from being placed as close as possible to the workers, the PROJECT MANAGER will bring bottled water or individual containers (in addition to disposable cups and water containers), so that workers can have drinking water readily accessible.

The CREW LEADER will ensure that the water containers are relocated to follow along as the crew moves, so drinking water will be readily accessible.

1110 Jackson Street, Oakland, CA 94607

The CREW LEADER will be responsible for cleaning the water containers and ensuring that they are kept in sanitary condition (all necessary cleaning supplies are provided by the company).

The company will reimburse the PERSONNEL for any cost incurred for them to fill up their water containers as needed on a daily basis or to purchase necessary disposable cups or cleaning supplies.

The CREW LEADER will point out daily the location of the water coolers to the workers and remind them to drink water frequently. When the temperature exceeds or is expected to exceed 90 degrees F, the PROJECT MANAGER will hold a brief 'tailgate' meeting each morning to review with employees the importance of drinking water, the number and schedule of water and rest breaks and the signs and symptoms of heat illness.

The CREW LEADER will use audible devices (such as whistles or air horns) to remind employees to drink water.

When the temperature equals or exceeds 95 °F or during a heat wave, the PROJECT MANAGER will increase the number of water breaks, and will remind workers throughout the work shift to drink water. During employee training, the importance of frequent drinking of water will be stressed.

Procedures for Access to Shade include but are not limited to the following:

Note: Follow the general guidance provided above, under the Provisions for Water (identify the person assigned the task and list the specific tasks that have to be carried out).

Each CREW LEADER will bring **ONE** shade structures to the site, to accommodate at least 25 percent of the employees on the shift and either chairs, benches, sheets, towels or any other items to allow employees to sit and rest without contacting the bare ground. However, chairs, benches, etc. are not required for acceptable sources of shade such as trees.

The CREW LEADER will ensure that shade structures are opened and placed as close as practical to the workers, when the temperature equals or exceeds 85°F. When the temperature is below 85°F, the shade structures will be brought to the site, but will be opened and set in place upon worker(s) request.

Note: The interior of a vehicle may not be used to provide shade unless the vehicle is air-conditioned and the air conditioner is on.

The CREW LEADER will point out the daily location of the shade structures to the workers as well as allow and encourage employees to take a 5 min cool-down rest in the shade, when they feel the need to do so to protect themselves from overheating.

The CREW LEADER will ensure that the shade structures are relocated to follow along with the crew and double-check that they are as close as practical to the employees, so that access to shade is provided at all times.

In situations where trees or other vegetation are used to provide shade (such as in orchards), the CREW LEADER will evaluate the thickness and shape of the shaded area (given the changing angles of the sun during the entire shift), before assuming that sufficient shadow is being cast to protect employees.

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In situations where it is not safe to provide shade (example winds of more than 40 mph), the PROJECT MANAGER will document how this determination was made, and what steps will be taken to provide shade upon request.

Procedures for Monitoring the Weather include but are not limited to:

Prior to each workday, the PROJECT MANAGER will review the forecasted temperature and humidity for the worksite and compare it against the National Weather service Heat Index to:

1. evaluate the risk level for heat illness.
2. determine when it will be necessary to make modifications to the work schedule (such as stopping work early, rescheduling the job, working at night or during the cooler hours of the day, increasing the number of water and rest breaks).

The CREW LEADER will be responsible for using a thermometer at the jobsite and checking the temperature every **HOURLY** to monitor for sudden increases in temperature, to ensure that once the temperature exceeds 85 °F, the shade structures are opened and accessible to the workers and to make certain that once the temperature equals or exceeds 95 °F additional preventive measures such as the High Heat Procedures are implemented.

Handling a Heat Wave:

During a heat wave or heat spike (e.g., a sudden increase in daytime temperature of 9 degrees or more), the work day will be cut short (example 12 PM), will be rescheduled (example conducted at night or during cooler hours) or if possible cease for the day.

If schedule modifications are not possible and workers have to work during a heat wave, the PROJECT MANAGER will provide a tailgate meeting to reinforce heat illness prevention with emergency response procedures and review the weather forecast with the workers. In addition, the PROJECT MANAGER will institute alternative preventive measures such as provide workers with an increase number of water and rest breaks and supervise workers to ensure that they do stop work and take these breaks, and observe closely all workers for signs and symptoms of heat illness.

The PROJECT MANAGER will assign each employee a “buddy” to be on the lookout for signs and symptoms of heat illness and ensure that emergency procedures are initiated when someone displays possible signs or symptoms of heat illness.

High Heat Procedures include but are not limited to:

[High Heat Procedures are additional preventive measures that this company will use when the temperature equals or exceeds 95 degrees Fahrenheit].

The CREW LEADER will ensure that effective communication by voice, observation, or electronic means is maintained so that employees at the worksite can contact a supervisor when necessary. If the CREW LEADER is unable to be near the workers to observe them or communicate with them, then an electronic device, such as a cell phone or text messaging device, may be used for this purpose only if reception in the area is reliable.

1110 Jackson Street, Oakland, CA 94607

The CREW LEADER will observe employees for alertness and signs and symptoms of heat illness. The CREW LEADER will remind employees throughout the work shift to drink plenty of water. The CREW LEADER will closely supervise a new employee, or assign a "buddy" or more experienced coworker for the first 14 days of the employee's employment by the employer, unless the employee indicates at the time of hire that he or she has been doing similar outdoor work for at least 10 of the past 30 days for 4 or more hours per day.

Procedures for Acclimatization include but are not limited to:

Acclimatization is the temporary and gradual physiological change in the body that occurs when the environmentally induced heat load to which the body is accustomed is significantly and suddenly exceeded by sudden environmental changes. In more common terms, the body needs time to adapt when temperatures rise suddenly, and an employee risks heat illness by not taking it easy when a heat wave strikes or when starting a new job that exposes the employee to heat to which the employee's body hasn't yet adjusted.

CREW LEADER will monitor the weather and in particular be on the look out for sudden heat wave(s), or increases in temperatures to which employees haven't been exposed to for several weeks or longer.

During a heat wave or heat spike (e.g., a sudden increase in daytime temperature of 9 degrees or more), the work day will be cut short (example 12 PM), will be rescheduled (example conducted at night or during cooler hours) or if possible cease for the day.

For new employees, the CREW LEADER will try to find ways to lessen the intensity of the employees work during a two-week break-in period (such as scheduling slower paced, less physically demanding work during the hot parts of the day and the heaviest work activities during the cooler parts of the day (early-morning or evening)). Steps taken to lessen the intensity of the workload for new employees will be documented.

The CREW LEADER will be extra-vigilant with new employees and stay alert to the presence of heat related symptoms.

The CREW LEADER will assign new employees a "buddy" or experienced coworker to watch each other closely for discomfort or symptoms of heat illness.

During a heat wave, the CREW LEADER will observe all employees closely (or maintain frequent communication via phone or radio) and be on the look out for possible symptoms of heat illness.

Procedures for Emergency Response include but are not limited to:

Prior to assigning a crew to a particular worksite, the PROJECT MANAGER will provide workers and the foreman a map along with clear and precise directions (such as streets or road names, distinguishing features and distances to major roads) of the site, to avoid a delay of emergency medical services.

Prior to assigning a crew to a particular worksite, the PROJECT MANAGER will ensure that a qualified, appropriately trained and equipped person will be available at the site, to render first aid if necessary.

All foremen and supervisors will carry cell phones or other means of communication, to ensure that emergency medical services can be called and check that these are functional at the worksite prior to each shift.

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When an employee is showing symptoms of possible heat illness, CREW LEADER will take immediate steps to keep the stricken employee cool and comfortable once emergency service responders have been called (to reduce the progression to more serious illness).

Handling a Sick Employee:

When an employee displays possible signs or symptoms of heat illness, a trained first aid worker or supervisor will check the sick employee and determine whether resting in the shade and drinking cool water will suffice or if emergency service providers will need to be called.

Do not leave a sick worker alone in the shade, as he or she can take a turn for the worse!

When an employee displays possible signs or symptoms of heat illness and no trained first aid worker or supervisor is available at the site, call emergency service providers.

Call emergency service providers immediately if an employee displays signs or symptoms of heat illness (loss of consciousness, incoherent speech, convulsions, red and hot face), does not look OK or does not get better after drinking cool water and resting in the shade. While the ambulance is in route, initiate first aid (cool the worker: place in the shade, remove excess layers of clothing, place ice pack in the armpits and join area and fan the victim). Do not let a sick worker leave the site, as they can get lost or die (when not being transported by ambulance and treatment has not been started by paramedics) before reaching a hospital!

If an employee does not look OK and displays signs or symptoms of severe heat illness (loss of consciousness, incoherent speech, convulsions, red and hot face), and the worksite is located more than 20 min away from a hospital, call emergency service providers, communicate the signs and symptoms of the victim and request Air Ambulance.

Procedures for Employee and Supervisory Training include but are not limited to:

GGTR, Inc, will ensure that all supervisors are trained prior to being assigned to supervise other workers. Training will include this company's written procedures and what steps supervisors will follow when employees' exhibit symptoms consisted with heat illness.

GGTR, Inc. will ensure that all employees and supervisors are trained prior to working outside. Training will include the company's written prevention procedures.

GGTR, Inc. will train employees on the steps that will be followed for contacting emergency medical services, including how they are to proceed when there are non-English speaking workers, how clear and precise directions to the site will be provided as well as stress the need to make visual contact with emergency responders at the nearest road or landmark to direct them to their worksite.

When the temperature exceeds 75 degrees oF, the PROJECT MANAGER will hold short 'tailgate' meetings to review the weather report, reinforce heat illness prevention with all workers and provide reminders to drink water frequently, to be on the lookout for signs and symptoms of heat illness and inform them that shade can be made available upon request.

The CREW LEADER will assign new employees a "buddy" or experienced coworker to ensure that they understood the training and follow company procedures.

Prepared By:

Gina Wee



SCOPE OF WORK

Golden Gate Tank Removal, Inc. will perform the following tasks according to all applicable Federal, State and Local regulations.

1. We will notify Underground Services Alert (USA) that a tank removal is planned. USA will contact and instruct the utility companies to come out and mark the major utilities in the area of the tank.
2. Prepare and submit an Underground Storage Tank Modification Application to the Alameda County Environmental Health Department (ACEH) and schedule for an on-site inspection of the tank removal and sampling procedures.
3. Prepare a site specific Health and Safety Plan as required by OSHA 29 CFR 1910.120. A copy of this safety plan will be kept on-site and one copy will be submitted to the ACEH.
4. Prepare and submit a letter to the State of California, Department of Industrial Relations, Division of Occupational Safety and Health (OSHA) for all excavations in excess of five feet in depth as required by Safety Order 3203. Golden Gate Tank Removal, Inc. maintains an annual permit for excavations.
5. Submit an application to the Bay Area Air Quality Management District, when required, with at least five days written notice before tank removals begins as per Regulation 8, Rule 40 of the BAAQMD.
6. Notify the Oakland Fire Department Bureau of Fire Prevention for an on-site inspection to witness proper displacement of combustible and/or flammable vapors and/or the cutting of any tank. Golden Gate Tank Removal, Inc. maintains an annual permit for welding and cutting.
7. If needed prepare and submit an application to the Oakland Department of Public Works to obtain a street space permit in order to utilize the parking lane for tank removal related purposes. This street space permit must first be obtained before posting any "NO PARKING", "NO STOPPING" or "TOW AWAY" signs.
8. If needed obtain prior approval from the Oakland Police Department at least 72 hours in advance of the effective date and time to establish a tow away zone.
9. Prepare and submit an application for an Underground Tank Removal Excavation Permit from the Oakland Department of Public Works, Bureau of Engineering. Schedule the site inspection for the tank removals and verification of proper shoring, concrete work, and traffic control.
10. If needed prepare and submit an application to the Oakland Department of Parking and Traffic, Traffic Engineering Division. This permit is required for any tank removal where traffic flow may be obstructed on public streets and sidewalks.
11. Our Registered Engineer will provide shoring calculations showing the location and depth of the excavation and a copy of the shoring calculations will be submitted to the Oakland Department of Public Works, Bureau of Engineering and a copy will be kept onsite.

1110 Jackson St, Oakland California
Proposal & Contract # 8870
3/2/2016

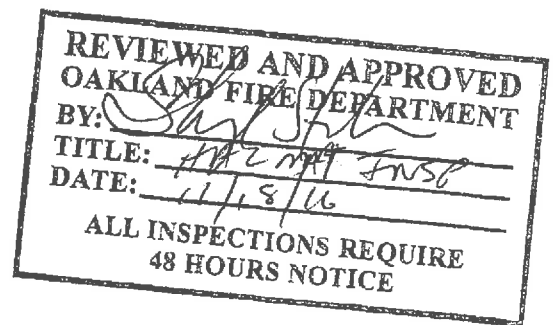
12. Prepare and provide plans, diagrams and a letter of intent as required by the Oakland Department of Public Works, Bureau of Engineering for specific identification of the tank removal sites.
13. Provide a cash bond in the amount required to the Oakland Department of Public Works Bureau of Engineering to provide the means for Golden Gate Tank Removal, Inc. to perform work in public streets and sidewalks if necessary.
14. Provide office support in addition to permit application and scheduling for compliance with contract labor documentation and reporting.
15. Provide three man Hazardous Waste Operations certified crew.
16. Crew will be current in standing with Union membership and dues.
17. Provide safety equipment, traffic cones, high level flags and signs, "ROAD CONSTRUCTION AHEAD" as well as safety personnel to direct vehicle and pedestrian traffic, as needed.
18. Pay for all permits listed in this proposal and schedule all inspections listed in this proposal.
19. Provide a metal safety fence or other exclusion zone designation to protect pedestrians from the work area.
20. Break any remaining concrete over the tank area with a jackhammer and dispose of concrete debris off site at a concrete recycler.
21. Locate all underground utilities by hand before excavating.
22. Begin to excavate the soil on top of and around the underground tank.
23. Install timber shoring to reduce caving during excavation and soil extraction according to the direction of the Registered Engineer's shoring calculations, to a maximum depth of 10 feet.
24. The excavated soil will be stockpiled on-site in a 20 yard debris box for sampling and use as backfill material.
25. Empty and clean the underground tank using high pressure hot water and have a licensed hazardous waste hauler dispose of the fuel and the rinse water at a State Certified Treatment Facility for recycling. The cost of the transport & disposal of the residual product and rinse will be billed at cost plus 10%. Disposal will be accomplished using the most cost efficient method available.
- * 26. To reduce the possibility of a fire, as needed, we will reduce the oxygen content of the tank by displacing the combustible vapors prior to removal of the tank. This will be completed by inserting a minimum of 3 pounds of solid carbon dioxide (dry ice) for every 100 gallons of tank volume as required by the Oakland Fire Department.
27. We will remove exposed vent lines, fill pipes, and cut and plug product lines.
28. Remove one vertical 2,000 gallon or less underground fuel tank from the excavation and place on the street for inspection by the ACEH.

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: <i>[Signature]</i>
TITLE: <i>[Signature]</i>
DATE: <i>1/18/16</i>
Golden Gate Tank Removal, Inc. San Francisco, California
ALL INSPECTIONS REQUIRE 48 HOURS NOTICE

TEL will be measured and must be below 10% of material previously contained in tank before tank is removed

1110 Jackson St, Oakland California
Proposal & Contract # 8870
3/2/2016

29. Upon the approval of the ACEH, we will load the tank on a licensed hazardous waste truck, have the tank transported to a state certified treatment facility for final cleaning, then transport to a metal recycler or if approved by ACEH obtain a clean rinse sample from the tank and certify it as non-hazardous. The tank would then be transported to a metal recycler.
30. At the direction of the ACEH, we will take a total of three samples. Two sample extractions two feet below the bottom of each end of the former tank and one sample from the overburden stockpile as required by The ACEH observing correct sampling protocol.
31. Provide for 24 hour turn around soil samples at a state certified laboratory analysis of required samples with a Chain of Custody record (results are usually available after 48 hours).
32. As required by the ACEH, the tanks will be designated as "unknown contents" requiring the sample analysis for Total (Extractable) Petroleum Hydrocarbons (TPHg), Total (Extractable) Petroleum Hydrocarbons (TPHd), Benzene, Toluene, Ethyl Benzene & Xylene (BTEX), Naphthalene, MTBE, Oil and Grease, 5 Wear Metals, Chlorinated VOC's, 16 PAH's, & TBA.
33. Upon approval of the ACEH we will backfill the excavation with the stockpiled soil that was stored on-site and with imported fill sand and/or base rock and compact or with imported self compacting material.
34. Provide a final report for the ACEH in written narrative form to establish that procedures and regulations for Alameda County have been observed during the tank removal process.
35. Provide a copy of the final report for the owners of the property in written form that outlines the guidelines, procedures, results, and conclusions of the tank removal activities.
36. The excavation will be covered at night with 1-1/8 inch plywood and a 4-foot high metal fence will be placed around the work area.





ONSITE CLEANING OR CUTTING OF UNDERGROUND TANKS

Various circumstances at underground tank removals may make on-site cutting of tanks necessary or advantageous. Due to the inherent safety, health and environmental hazards, Golden Gate Tank Removal, Inc. has imposed the following conditions on cutting of any tanks that have held hazardous material of waste.

1. The local fire department shall be advised in advance of planned on-site cutting, or of any change from approved plans to include on-site cutting. The cutting of any tank that previously held flammable and/or combustible liquids shall be approved in advance by the local Fire Department inspector.
2. Tanks shall be completely emptied and the contents handled in accordance with all pertinent regulations.
3. To minimize release of the hazardous waste, any tank to be cut in place shall be cleaned to render it non-hazardous. The final Rinsate or interior wipe sample shall not exceed 100 PPM of product verified by laboratory analysis; or the tank shall be evinced as cleaned to bare metal. Rinsate shall be handled in accordance with all pertinent regulations.
4. Any tank that held flammable or combustible liquid shall be inerted prior to cutting. A minimum of 3 pounds of dry ice per 100 gallons of capacity shall be used for a flammable liquid tank. The atmosphere in the tank shall be maintained below 5% of Lower Explosive Limit (LEL) throughout cutting.
5. Cutting implements shall be approved for use prior to the cutting of any tank. Tanks that are properly inerted may be cut with gas torches only with approval from the local Fire Department. Edged tools may be used in the tank if it is properly inerted. Edged tools shall be lubricated with cutting oil or water spray.
6. At least one charged 20BC Fire extinguisher shall be kept on-site, immediately accessible to the workers performing the cutting.
7. Occupational Health and Safety provisions of Title 8, California Code of Regulations, shall be observed, including but not limited to site safety plans, confined space entry, respirators and other personal protection equipment and sanitation.
8. All other pertinent regulations, including but not limited to those of the local departments of Public Health, Fire and Public Works, the Bay Area Air Quality Management District and the Bay Regional Water Quality Control Board, shall be observed.

**REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT**

BY: [Signature]

TITLE: HAZ MAT EN 50

DATE: 11/18/16

**ALL INSPECTIONS REQUIRE
48 HOURS NOTICE**

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

General Engineering Contractors License No. 616521

ALAMEDA COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577
PHONE (510) 567-6700

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

Removal of Tank(s) and Piping
Sampling
Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

***THERE IS A FINANCIAL PENALTY FOR
NOT OBTAINING THESE INSPECTIONS***

Contact Specialist:


Barbara Jakub
barbara.jakub@acgov.org
510-567-6737
Approved

UNDERGROUND STORAGE TANK CLOSURE PLAN

***** Complete closure plan according to instructions *****

- Name of Business 1110 Jackson Street
Business Owner or Contact Person (**PRINT**) 11J Family Housing, L.P.
- Site Address 1110 Jackson Street
City, State Oakland, CA Zip 94607 Phone 510-287-5353
- Mailing Address 1825 San Pablo Avenue, Suite 200
City, State Oakland, CA Zip 94612 Phone 510-287-5353
- Property Owner 11J Family Housing, L.P.
Business Name (if applicable) _____
Address 1825 San Pablo Avenue, Suite 200
City, State Oakland, CA Zip 94612 Phone 510-287-5353
- Generator name under which tank will be manifested
11 J Family Housing, L.P.

FPA ID. No. under which tank(s) will be manifested

C A C 0 0 2 8 8 5 6 6 9

SR0031477

11/17/16

6. Contractor Golden Gate Tank Removal, Inc.
 Address 1480 Carroll Avenue
 City, State San Francisco, CA Zip 94124 Phone 415-512-1555
 License Type A C-8, Haz ID# 616521
7. Consultant (if applicable) _____
 Address _____
 City, State _____ Zip _____ 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 ~~3 (three)~~ one
 Length of piping being removed under this plan up to 15 feet
 Total number underground tanks at this facility (**confirmed with owner or operator) ~~two~~ four
 (three closed in April 2016)
10. State Registered Hazardous Waste Transporters/Facilities (See Instructions).
- a) Product/Residual Sludge/Rinsate Transporter
 Name Big Sky Environmental Solutions. EPA I.D. No. CAL000346010
 Hauler License No. 5840 License Exp. Date 09/30/16
 Address P.O. Box 481
 City, State Benecia, CA Zip 94510
- b) Product/Residual Sludge/Rinsate Disposal Site
 Name DK Dixon EPA I.D. No. CAT080012602
 Address 7300 Chevron Way
 City, State Dixon, CA Zip 95620

c) Tank and Piping Transporter

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

Hauler License No. _____ License Exp. Date _____

d) Tank and Piping Disposal Site

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

Address 1801 Evans Ave.

City, State San Francisco, CA Zip 94124

11. Sample Collector

Name Ascension Mora

Company Golden Gate Tank Removal, Inc.

Address 1480 Carroll Avenue

City, State San Francisco, CA Zip 94124 Phone 415-512-1555

12. Laboratory

Name _____

Company Curtis and Thompkins, Ltd.

Address 2323 Fifth Avenue

City, State Berkeley, CA Zip 94710

State Certification No. ELAP 2896

13. Have tank(s) or piping leaked in the past? Yes [] No [] Unknown [X]

If yes, describe: _____

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

Flush lines and triple rinse with water, if necessary

Removal of product, purge, introduce dry ice to reduce vapors

Remove the tanks

Certify it as clean or non hazardous

Haul tanks as scrap metal

Haul rinsate as haz mat under manifest

Before tank(s) are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.

The Bay Area Air Quality Management District, (415) 771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to have a functional combustible gas indicator on-site to verify that the tank(s) is inerted.**

15. Tank History and Sampling Information ***** (See Instructions) *****

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Sample(s)
Capacity (gallons)	Use History include date last used (estimated)		
Tank 1-1000gals	Unknown	Soil samples & water if present	1.stockpile 2.north/east end of excavation 3.south/west end of excavation Bottom of tank – max 15 feet

One soil sample must be collected for every 20 linear feet of underground piping that is removed. A groundwater sample must be collected if any groundwater is present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated)	Sampling Plan
10-20 yards	4 point composite for every 50 cubic yards Or 4 point composite for every 20 cubic yards

Stockpiled soil must be placed on bermed 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 not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.**

16. Chemical methods and associated detection limits to be used for analyzing sample(s):

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits shall be followed.

See Table 2, Recommended Minimum Verification Analyses for Underground Tank Leaks.

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
See attached minimum verification analyses			

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Compensation Insurance Fund

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

20. Enclose Deposit (See Instructions)

21. **Report all 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 (URL) form.

22. **Submit a closure report to this office within 60 days of the tank removal. The closure 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 provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan has been 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 agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist 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 Gina Wee - Project Coordinator

Signature  Date 11/11/16

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Check one)

Name of Business 11J Family Housing, L.P.

Name of Individual JASON VARGAS, DIRECTOR REAL ESTATE DEVELOPMENT

Signature  Date 11/11/16

**UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION - FACILITY INFORMATION**

(One form per facility)

TYPE OF ACTION (Check one item only) 1. NEW PERMIT 5. CHANGE OF INFORMATION 7. PERMANENT FACILITY CLOSURE 400.
 3. RENEWAL PERMIT 6. TEMPORARY FACILITY CLOSURE 9. TRANSFER PERMIT

I. FACILITY INFORMATION

TOTAL NUMBER OF USTs AT FACILITY **4 TANKS (3 TANKS APPLIED IN APRIL 2016)** FACILITY ID # (Agency Use Only) 1

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3.
1110 Jackson Street.

BUSINESS SITE ADDRESS 103. CITY 104.
1110 Jackson Street **Oakland**

FACILITY TYPE 1. MOTOR VEHICLE FUELING 2. FUEL DISTRIBUTION 403.
 3. FARM 4. PROCESSOR 6. OTHER Is the facility located on Indian Reservation or Trust lands? Yes No 405.

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407. PHONE 408.
11 J Family Housing, L.P. **(510) 287-5353**

MAILING ADDRESS 409.
1825 San Pablo Avenue, Suite 200

CITY 410. STATE 411. ZIP CODE 412.
Oakland **CA** **94612**

III. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 428-1. PHONE 428-2.
()

MAILING ADDRESS 428-3.

CITY 428-4. STATE 428-5. ZIP CODE 428-6.

IV. TANK OWNER INFORMATION

TANK OWNER NAME 414. PHONE 415.
same as II ()

MAILING ADDRESS 416.

CITY 417. STATE 418. ZIP CODE 419.

OWNER TYPE: 4. LOCAL AGENCY/DISTRICT 5. COUNTY AGENCY 6. STATE AGENCY 420.
 7. FEDERAL AGENCY 8. NON-GOVERNMENT

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- Call the State Board of Equalization, Fuel Tax Division, if there are questions. 421.

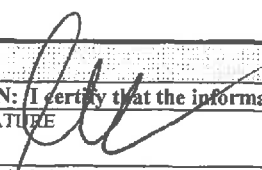
VI. PERMIT HOLDER INFORMATION

Issue permit and send legal notifications and mailings to: 1. FACILITY OWNER 4. TANK OPERATOR 423.
 3. TANK OWNER 5. FACILITY OPERATOR

SUPERVISOR OF DIVISION, SECTION, OR OFFICE (Required For Public Agencies Only) 406.

VII. APPLICANT SIGNATURE

CERTIFICATION: I certify that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE DATE 424. PHONE 425.
 **11/11/2016** **(415) 512-1555**

APPLICANT NAME (print) 426. APPLICANT TITLE 427.
Carlyn Santos, Golden Gate Tank Removal, Inc. on behalf of owner **Project Coordinator**

**UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION** (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430
 1. NEW PERMIT 3. RENEWAL PERMIT 5. CHANGE OF INFORMATION
 6. TEMPORARY UST CLOSURE 7. UST PERMANENT CLOSURE ON SITE 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a _____ DATE EXISTING UST DISCOVERED: 11/11/2016 430b

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) _____ 1

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3
1110 Jackson Street

BUSINESS SITE ADDRESS 103 CITY 104
1110 Jackson Street Oakland

II. TANK DESCRIPTION

TANK ID # unknown (this form is for tank #1) 432 TANK MANUFACTURER unknown 433 TANK CONFIGURATION: THIS TANK IS
 1. A STAND-ALONE TANK
 2. ONE IN A COMPARTMENTED UNIT
 Complete one page for each compartment in the unit. 434

DATE UST SYSTEM INSTALLED unknown 435 TANK CAPACITY IN GALLONS 1000 436 NUMBER OF COMPARTMENTS IN THE UNIT one 437

III. TANK USE AND CONTENTS

TANK USE 1a. MOTOR VEHICLE FUELING 1b. MARINA FUELING 1c. AVIATION FUELING 439
 3. CHEMICAL PRODUCT STORAGE 4. HAZARDOUS WASTE (Includes Used Oil) 5. EMERGENCY GENERATOR FUEL (HSC §25281.5(c)) 439a
 6. OTHER GENERATOR FUEL 95. UNKNOWN 99. OTHER (Specify):

CONTENTS PETROLEUM: 1a. REGULAR UNLEADED 1c. MIDGRADE UNLEADED 1b. PREMIUM UNLEADED 440
 3. DIESEL 5. JET FUEL 6. AVIATION GAS
 8. PETROLEUM BLEND FUEL 9. OTHER PETROLEUM (Specify): 440a

NON-PETROLEUM: 7. USED OIL 10. ETHANOL 440b
 11. OTHER NON-PETROLEUM (Specify):

IV. TANK CONSTRUCTION

TYPE OF TANK 1. SINGLE WALL 2. DOUBLE WALL 95. UNKNOWN 443

PRIMARY CONTAINMENT 1. STEEL 3. FIBERGLASS 6. INTERNAL BLADDER 444
 7. STEEL + INTERNAL LINING 95. UNKNOWN 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 1. STEEL 3. FIBERGLASS 6. EXTERIOR MEMBRANE LINER 7. JACKETED 445
 90. NONE 95. UNKNOWN 99. OTHER (Specify): 445a

OVERFILL PREVENTION 1. AUDIBLE & VISUAL ALARMS 2. BALL FLOAT 3. FILL TUBE SHUT-OFF VALVE 452
 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 1. SINGLE-WALLED 2. DOUBLE-WALLED 99. OTHER 460

SYSTEM TYPE 1. PRESSURE 2. GRAVITY 3. CONVENTIONAL SUCTION 4. SAFE SUCTION [23 CCR §2636(a)(3)] 458

PRIMARY CONTAINMENT 1. STEEL 4. FIBERGLASS 8. FLEXIBLE 10. RIGID PLASTIC 464
 90. NONE 95. UNKNOWN 99. OTHER (Specify): 464a

SECONDARY CONTAINMENT 1. STEEL 4. FIBERGLASS 8. FLEXIBLE 10. RIGID PLASTIC 464b
 90. NONE 95. UNKNOWN 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE 1. SINGLE WALL 2. DOUBLE WALL 90. NONE 464d

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464e
 464e1

VENT SECONDARY CONTAINMENT 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464f
 464f1

VR PRIMARY CONTAINMENT 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464g
 464g1

VR SECONDARY CONTAINMENT 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464h
 464h1

VENT PIPING TRANSITION SUMP TYPE 1. SINGLE WALL 2. DOUBLE WALL 90. NONE 464i

RISER PRIMARY CONTAINMENT 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464j
 464j1

RISER SECONDARY CONTAINMENT 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464k
 464k1

FILL COMPONENTS INSTALLED 1. SPILL BUCKET 3. STRIKER PLATE/BOTTOM PROTECTOR 4. CONTAINMENT SUMP 451a-c

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE 1. SINGLE WALL 2. DOUBLE WALL 3. NO DISPENSERS 90. NONE 469a

CONSTRUCTION MATERIAL 1. STEEL 4. FIBERGLASS 10. RIGID PLASTIC 99. OTHER (Specify) 469b-c

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 2. SACRIFICIAL ANODE(S) 4. IMPRESSED CURRENT 6. ISOLATION 448

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE  DATE 11/11/2016 470

APPLICANT NAME (print) Carlyn Santos, Golden 471. APPLICANT TITLE Project Coordinator 472.
Gate Tank Removal, Inc. on behalf of owner

TABLE #2
REVISED 21 NOVEMBER 2003

**RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR
UNDERGROUND TANK LEAKS**

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u> (SW-846 METHOD)		<u>WATER ANALYSIS</u> (Water/Waste Water Method)	
Gasoline (Leaded and Unleaded)	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH	by 8260 for soil and 524.2/624 (8260) for water		
	TOTAL LEAD	AA	TOTAL LEAD	AA
		--Optional--		
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
Unknown Fuel	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH	by 8260 for soil and 524.2/624 (8260) for water		
	TOTAL LEAD	AA	TOTAL LEAD	AA
	--Optional--			
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
Diesel, Jet Fuel, Kerosene, and Fuel/Heating Oil	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH	by 8260 for soil and 524.2/624 (8260) for water		
Chlorinated Solvents	CL HC	8260	CL HC	524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
	1,4-Dioxane	8270M	1,4-Dioxane	8270M
Non-chlorinated Solvents	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
Waste, Used, or Unknown Oil	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	O&G	9070	O&G	418.1
	BTEX	8260	BTEX	524.2/624 (8260)
	CL HC	8260	CL HC	524.2/624 (8260)
	1,4-Dioxane	8270M	1,4-Dioxane	8270M
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH	by 8260 for soil and 524.2/624 (8260) for water		
	METALS (Cd, Cr, Pb, Ni, Zn)	by ICAP or AA for soil water		
	PCB*, PCP*, PNA, CREOSOTE	by 8270 for soil and 524/625 (8270) for water		
		If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)		

NOTES:

1. 8021 replaces old methods 8020 and 8010
2. 8260 replaces old method 8240
3. Reference: Table B-1 in Appendix B of "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001).