March 9, 2016

Barbara Jakub
Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Job # 9550

New LOP Case
Needs processing

SUBJECT: **CLOSURE REPORT FOR UNDERGROUND STORAGE TANK**

SITE: **378 GRAND AVENUE OAKLAND, CA 94610**

Al Stevens
510-599-6953

Dear Ms. Jakub:

Golden Gate Tank Removal, Inc. is pleased to submit the attached report documenting the removal of underground storage tank (UST) from 378 Grand Avenue.

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

Sincerely,
Golden Gate Tank Removal, Inc.

Yuval
510-385-0858

Tim Hallen
General Manager

cc: Yuval Bobrovitch, 2295 San Pablo Avenue Berkeley, CA 94702

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

UNDERGROUND STORAGE TANK

CLOSURE REPORT

378 Grand Avenue
Oakland, CA 94610
Job No. 9550
March 9, 2016

Prepared For:

378 Grand Avenue, LLC.
Attention: Mr. Yuval Bobrovitch
2295 San Pablo Avenue
Berkeley, CA 94702

Tim Hallen
Registered Environmental Assessor 08006

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

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1. SITE LOCATION

The commercial property is located at 378 Grand Avenue, with a cross street of Staten Avenue in Oakland, California. Figure 1 attached shows the general site location.

2. SITE HISTORY

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

3. PRELIMINARY TANK REMOVAL ACTIVITIES

In December 2015, 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 December 28, 2015, 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 the tank was removed and stockpiled on visqueen sheeting adjacent to the tank excavation. Field measurements indicated that the bottom of the tank was 9.5 feet below grade (fbg) surface. An exposed subsurface AT&T utility pipe extends east-west through the center of the excavation, and a subsurface concrete utility vault housing a gas service lateral/valve extends north-south above the east end of the UST. Also, a City of Oakland street light pole lies adjacent to the southwest corner of the UST excavation. GGTR simultaneously constructed timber shoring along each excavation sidewall to the top of the UST at approximately 4.5 fbg.

The subsurface product and remote fill piping extending between the top of the tank and the northeast corner of the excavation were cut at each end, drained of any residual product and removed from the excavation area. Any exposed UST vent and product/ remote fill pipes were removed; the pipe lines remaining in place we plugged with concrete and capped at the excavation sidewall.

As part of the removal operations, GGTR contracted Fremouw Environmental Services to pump the residual product from the tank and piping into a vacuum tanker truck. GGTR then washed the interior of the tank with 180-degree water using a 3,000-psi pressure washer. A non-toxic enzyme was used to break down thick oil deposits. After a third washing, Fremouw Environmental Services, Inc., on January 26, 2016, removed the wash and rinse water from the tank and transported the Non-RCRA Hazardous Waste Liquid (totaling 1,386 Gallons) under Uniform Hazardous Waste Manifest No. 015104613JJK to the DK Dixon facility in Dixon, California. A copy of the liquid waste manifest is included as an attachment

On January 26, 2016, COFD Inspector Sheryl Skillern tested the lower explosive limit (LEL) and oxygen (O_2) levels in the tank with a Cannonball 3 combustible gas meter. The LEL and O_2 levels were 0% and 20.9%, respectively. Due to the overlying subsurface utilities and City Street

light pole, the COFD approved cutting of the tank into sections to facilitate removal of the UST from the excavation. GGTR initially cut a small 4"-diameter section from each bottom end of the UST to allow access for collection of representative confirmation soil samples, prior to its removal.

4. PRELIMINARY CONFIRMATION SAMPLING & ANALYSIS

On January 26, 2016, under the direction of Barbara Jakub of the ACHED, GGTR collected two discrete soil samples from the former tank excavation and one four-point composite soil sample from the stockpiled overburden soil. Soil samples 9550 E-11.5 and 9550 W-11.5 were collected 2 feet below the respective east and west ends of the tank bottom, at approximately 11.5 feet below sidewalk grade. The composite sample was labeled 9550-SP. All samples were transported to Accutest Laboratories (State ELAP Certification #08258) under formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate soil sample locations.

All samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel (C10-C28) by EPA Method SW846 8015B M, Benzene, Toluene, Ethyl Benzene, Total Xylenes (BTEX), Methyl Tertiary Butyl Ether (MTBE) and Naphthalene by EPA Method SW846 8260B. A summary of the analytical results is included in the Table provided by Accutest Northern California, Inc. A copy of the laboratory certificate of analysis (**Accutest Job #C43826**) and chain of custody form is included as an attachment.

5. SAMPLE DATA REVIEW

The discrete confirmation soil samples collected beneath the east (9550 E-11.5) and west (9550 W-11.5) ends of the UST at 11.5 feet below grade contained elevated concentrations of TPH as diesel at 852 and 646 milligrams per kilogram (mg/kg), respectively, exceeding its applicable San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) of 110 mg/kg. The samples also contained non detectable concentrations of BTEX, MTBE and Naphthalene. The stockpile composite sample contained an insignificant concentration of TPH-diesel (44.9 mg/kg) and non detectable BTEX, MTBE and Naphthalene.

As presented above, and in email correspondence to the ACDEH dated February 29, 2016, due to overlying utilities and the presence of a light pole in the direct vicinity of the UST, GGTR cut the UST into small sections and removed them from the excavation using a backhoe transferring them directly into a flatbed truck for offsite disposal as non-hazardous scrap metal.

Immediately following UST removal, GGTR excavated and remove all impacted soil underlying the former UST to approximately 13 fbg. GGTR subsequently collected additional discrete confirmation soil samples at the bottom depth of the excavation, and if warranted, at excavation sidewalls at the groundwater interface.

6. TANK REMOVAL & OVER-EXCAVATION

On March 1, 2016, as directed by Inspector Kevin Hom of the ACDEH, GGTR performed the UST removal and over-excavation & confirmation sampling activities. GGTR initially pumped approximately 150 gallons of residual liquid accumulated within the bottom of the tank (up to 8.5 fbg) directly into 55-gallon storage drums. GGTR then removed the bottom, north and south sidewall sections of the UST from the excavation, and transferred the tank sections to a flatbed truck. The east and west end caps were temporarily left in place to provide support for the overlying utilities and light pole and avoid any sidewall collapsing.

GGTR over-excavated and removed all impacted soil underlying the former UST to approximately 13.5 fbg, and transferred the impacted soil directly into a 20-yard dump truck, parked in the north parking lane of Grand Avenue adjacent to the UST excavation. Visually impacted soil along the north and south sidewalls of the excavation was scraped to the extent feasible and transferred to the dump truck.

Following confirmation sampling (see below), GGTR placed pea gravel in the excavation to approximately 7 fbg to provide support for City light pole and gas service pipe/valve, and then removed the east and west end cap sections of the tank and placed them into a flatbed truck. All tank sections were transported as scrap metal to Circosta Iron & Metal, Inc. in San Francisco, California. A copy of the Certificate of Disposal and Circosta Scrap Metal Recycling Receipt are attached. Figure 3 depicts photographs of the tank removal and over-excavation activities.

7. TANK AND SOIL CONDITION

The tank was found to be in poor condition with visible holes located along the bottom and west end cap sections of the tank. No soil discoloration or hydrocarbon odors were observed in the tank overburden soil; however, visually impacted soil was observed along the north, south and west sidewalls of the excavation, as well as beneath the entire UST from approximately 9.5 to 13 fbg. Soil observed during the UST removal and confirmation sampling, was predominantly a damp to moist, moderate yellowish brown, silty clay (soft to firm). Visually impacted soil was olive gray to dark greenish gray in color with a slight hydrocarbon odor. Soil samples field screened using a calibrated MiniRae Lite photo ionization detector contained total volatile organics ranging between 0.1 and 4.3 parts per million. Drainage water, initially assumed as groundwater, was observed within the bottom of the UST during preliminary UST sampling activities at approximately 8.5 fbg. Groundwater was not observed in the excavation during the UST removal and over-excavation activities. The historical depth to groundwater measured in a former monitoring well (S-1) located at the Chevron-branded Service Station (350 Grand Avenue) approximately 170 feet west of the site, ranged between 6 and 11.5 fbg. 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.

8. CONFIRMATION SOIL SAMPLING & ANALYSIS

On March 1, 2016, under the direction of ACDEH Inspector Hom, GGTR collected one discrete soil sample from each sidewall of the excavation, at approximately 8.5 fbg, initially considered as the soil/groundwater interface level, and the general midway depth of impacted soil observed along the excavation sidewalls. GGTR collected each sample by hand augering approximately 2 feet into each excavation sidewall, and transferring the soil from the auger head directly into a brass tube. The discrete samples collected from the south, north, east and west sidewalls were labeled 9550-SW-S-8.5, 9550-SW-N-8.5, 9550-SW-E-8.5, and 9550-SW-W-8.5, respectively.

Immediately following over-excavation of the impacted soil to approximately 13 fbg, GGTR collected an additional discrete soil sample from the bottom east and west ends of the excavation at 13.5 fbg. The discrete samples were labeled 9550-EX-E-13.5 and 9550-EX-W-13.5, respectively. All samples were transported to Accutest Laboratories under formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate confirmation soil sample locations.

All samples were analyzed for TPH as Diesel (C10-C28) by EPA Method SW846 8015B M, BTEX, MTBE and Naphthalene by EPA Method SW846 8260B. A summary of the analytical results is included in the Table provided by Accutest Northern California, Inc. A copy of the laboratory certificate of analysis (**Accutest Job #C44330**) and chain of custody form is included as an attachment.

9. WASTE MANAGEMENT & SOIL DISPOSAL

As above, following removal of the UST wash and rinse water from the UST, Fremouw Environmental Services Inc., on January 26, 2016, transported approximately 1,386 gallons of Non-RCRA Hazardous Waste Liquid under Uniform Waste Manifest No. 015104613 to the DK Dixon facility in Dixon, California. A copy of the associated liquid waste manifest is attached.

Prior to UST removal and over-excavation, GGTR profiled the impacted soil to be generated during over-excavation activities for disposal acceptance at the Keller Canyon Landfill Facility located in Pittsburg, California. Because of the UST overburden soil consisting primarily of clay, and unsuitability for compaction of this material with the overlying utilities, GGTR included the overburden with the remedial soil disposal.

On February 24, 2016, GGTR contracted Big Sky Environmental Solutions (Big Sky) to transport three 55-gallon drums of non-hazardous waste liquid under Non-Hazardous Waste Manifest No. 022216001 to the Instrat Inc. facility in Rio Vista, California. On March 8, 2016, Big Sky transported an additional three 55-gallon drums of non-hazardous waste liquid under Non-Hazardous Waste Manifest No. BSE030816 to the Potrero Hill Landfill. facility in Suisun City, California. A copy of each liquid waste manifest is included as an attachment.

On February 26 and March 1, 2016, GGTR contacted Poli Trucking to transport and dispose of approximately 13 tons of overburden soil and 12.5 tons of impacted soil, respectively, under Non-Hazardous 0Waste Acceptance Profile No. 4212162659 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 March 1 & 2, 2016, following UST removal and over-excavation, GGTR backfilled the entire excavation with clean, self-compacting, imported pea gravel. The sidewalk was subsequently replaced in conformance with OPB requirements.

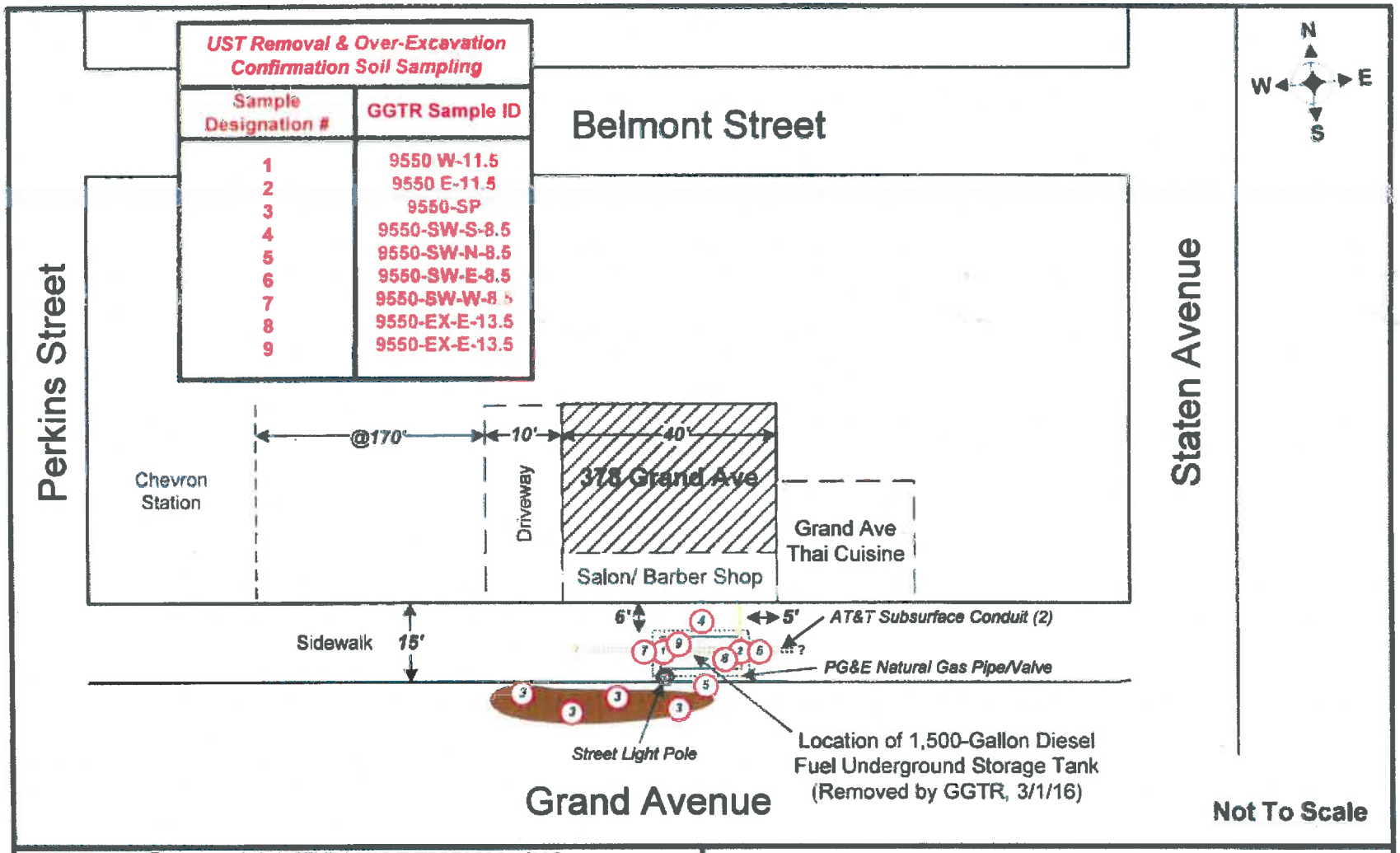
11. FINDINGS / RECOMMENDATION

There were visible holes in the bottom and west end cap sections of the tank, as well as visual evidence of contamination in the soil along the north, south and west sidewalls of the excavation, as well as beneath the entire UST from approximately 9.5 to 13 fbg. GGTR over-excavated and removed all impacted soil underlying the former UST to approximately 13.5 fbg, and transferred the impacted soil directly into a 20-yard dump truck. Visually impacted soil along the north and south sidewalls of the excavation was scraped to the extent feasible and transferred to a dump truck. All impacted soil and the clayey overburden soil was properly profiled and transported for disposal to Keller Canyon Landfill Facility. The contents of the tank were disposed of according to all applicable regulations. Groundwater was not encountered in the excavation during the tank removal, over-excavation or confirmation sampling activities.

Following over-excavation activities, GGTR collected one discrete soil sample from each sidewall of the excavation, at approximately 8.5 fbg, and one additional discrete soil sample from the bottom east and west ends of the excavation at 13.5 fbg.The discrete soil sample collected from the south excavation sidewall (Sample ID 9550-SW-S-8.5) along Grand Avenue exceeded the applicable SF Bay RWQCB Environmental Screening Level for residential (100 mg/kg) and commercial (530 mg/kg) land usage. All other analytical results from the State Certified Laboratory following the tank removal and remedial soil excavation activities were non-detect to insignificant; therefore, GGTR recommends no further action at the site.

FIGURES

GOLDEN GATE TANK REMOVAL, INC. 1480 Carroll Avenue San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964		**VICINITY MAP** 378 Grand Avenue Oakland, CA 94610	
GGTR Project No.9550	*Drawing By: GW*	December 2015	***Figure 1***



GOLDEN GATE TANK REMOVAL, INC. 1480 Carroll Avenue San Francisco, California 94124 Phone (415) 512-1555 Fax (415) 512-0964	**Site Map** 378 Grand Avenue Oakland, California 94610
GGTR Proj. No 9550 / *Figure By: GW*	*December 2015* / *Figure 2*

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
378 Grand Avenue
Oakland, CA 94610

GGTR Project No. 9550	*Drawing By: EJ*	March 2016	***Figure 3***

TABLE

Accutest Northern California,Inc.				
Job Number:	C43826			
Account:	Golden Gate Tank Removal			
Project:	378 Grand Avenue - Oakland, CA			
Project Number:	9550			
			Legend:	Hit
Client Sample ID:		9550 W-11.5	9550 E-11.5	9550-SP
Lab Sample ID:		C43826-1	C43826-2	C43826-3
Date Sampled:		1/26/2016	1/26/2016	1/26/2016
Matrix:		Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)				
Benzene	ug/kg	ND (0.50)	ND (0.49)	ND (18)
Toluene	ug/kg	ND (0.50)	ND (0.49)	ND (18)
Ethylbenzene	ug/kg	ND (0.50)	ND (0.49)	ND (18)
Xylene (total)	ug/kg	ND (0.99)	ND (0.98)	ND (35)
Methyl Tert Butyl Ether	ug/kg	ND (0.99)	ND (0.98)	ND (35)
Naphthalene	ug/kg	ND (0.99)	ND (0.98)	ND (35)
Semi-volatiles (SW846 8015B M)				
TPH (C10-C28)	mg/kg	646	852	44.9

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Accutest Northern California,Inc.		
Job Number:	C44010	
Account:	Golden Gate Tank Removal	
Project:	378 Grand Avenue - Oakland, CA	
Project Number:	9550	
	Legend:	Hit
Client Sample ID:		9550-SP2
Lab Sample ID:		C44010-1
Date Sampled:		1/26/2016
Matrix:		Soil
GC/MS Volatiles (SW846 8260B)		
Benzene	ug/kg	ND (0.49)
Toluene	ug/kg	ND (0.49)
Ethylbenzene	ug/kg	ND (0.49)
Xylene (total)	ug/kg	ND (0.99)
GC Semi Volatiles (SW846 8015B M)		
TPH (C10-C28)	mg/kg	185

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Accutest Northern California,Inc.					
Job Number:	C43975				
Account:	Golden Gate Tank Removal				
Project:	378 Grand Avenue - Oakland, CA				
Project Number:	9550				
				Legend:	Hit
Client Sample ID:		9550-W-13'	9550-W-14.5'	9550-E-13'	9550-E-14.5'
Lab Sample ID:		C43975-1	C43975-2	C43975-3	C43975-4
Date Sampled:		2/4/2016	2/4/2016	2/4/2016	2/4/2016
Matrix:		Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)					
Benzene	ug/kg	ND (0.49)	ND (0.49)	ND (0.50)	ND (0.49)
Toluene	ug/kg	ND (0.49)	ND (0.49)	ND (0.50)	ND (0.49)
Ethylbenzene	ug/kg	ND (0.49)	ND (0.49)	ND (0.50)	ND (0.49)
Xylene (total)	ug/kg	ND (0.97)	ND (0.99)	ND (1.0)	ND (0.98)
Methyl Tert Butyl Ether	ug/kg	ND (0.97)	ND (0.99)	ND (1.0)	ND (0.98)
Naphthalene	ug/kg	ND (0.97)	ND (0.99)	1.0 J	ND (0.98)
GC Semi-volatiles (SW846 8015B M)					
TPH (C10-C28)	mg/kg	0.893 J	2.50 J	19.3	24.9

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Accutest Northern California,Inc.

Job Number:	C44330
Account:	Golden Gate Tank Removal
Project:	378 Grand Avenue - Oakland, CA
Project Number:	9550

Legend: Hit

Client Sample ID:		9550-SW-S-8.5	9550-SW-N-8.5	9550-SW-E-8.5	9550-SW-W-8.5	9550-EX-E-13.5	9550-EX-W-13.5
Lab Sample ID:		C44330-1	C44330-2	C44330-3	C44330-4	C44330-5	C44330-6
Date Sampled:		3/1/2016	3/1/2016	3/1/2016	3/1/2016	3/1/2016	3/1/2016
Matrix:		Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)							
Benzene	ug/kg	ND (0.50)	ND (0.50)	ND (0.49)	ND (0.50)	ND (0.50)	ND (0.49)
Toluene	ug/kg	ND (0.50)	ND (0.50)	ND (0.49)	ND (0.50)	ND (0.50)	ND (0.49)
Ethylbenzene	ug/kg	ND (0.50)	ND (0.50)	ND (0.49)	ND (0.50)	ND (0.50)	ND (0.49)
Xylene (total)	ug/kg	ND (0.99)	ND (1.0)	ND (0.98)	ND (1.0)	ND (1.0)	ND (0.98)
Methyl Tert Butyl Ether	ug/kg	ND (0.99)	ND (1.0)	ND (0.98)	ND (1.0)	ND (1.0)	ND (0.98)
Naphthalene	ug/kg	ND (0.99)	ND (1.0)	ND (0.98)	ND (1.0)	ND (1.0)	ND (0.98)
GC Semi-volatiles (SW846 8015B M)							
TPH (C10-C28)	mg/kg	772	146	6.89	1.63 J	17.7	352

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General Engineering Contractors License No. 616521

ATTACHMENTS

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

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1601340

Report Created for: Fremouw Environmental Services, Inc.

6940 Tremont Rd.,
Dixon, CA 95620

Project Contact: Dina Barron
Project P.O.:
Project Name: #61554; 378 Granda Ave. (GGTR)

Project Received: 01/12/2016

Analytical Report reviewed & approved for release on 01/13/2016 by:

Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
"When Quality Counts"
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Fremouw Environmental Services, Inc.
Project: #61554; 378 Granda Ave. (GGTR)
WorkOrder: 1601340

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

McCampbell Analytical, Inc.
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http://www mccampbell com / E-mail: main@mccampbell com

Glossary of Terms & Qualifier Definitions

Client: Fremouw Environmental Services, Inc.
Project: #61554; 378 Granda Ave. (GGTR)
WorkOrder: 1601340

Analytical Qualifiers

S	spike recovery outside accepted recovery limits
a1	sample diluted due to matrix interference
b6	lighter than water immiscible sheen/product is present
c7	Surrogate value diluted out of range
h4	sulfuric acid permanganate (EPA 3665) cleanup

McCampbell Analytical, Inc.
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Fremouw Environmental Services, Inc.	**WorkOrder:**	1601340
Date Received:	1/12/16 10:56	**Extraction Method:**	SW3580A
Date Prepared:	1/12/16	**Analytical Method:**	SW8082
Project:	#61554; 378 Granda Ave. (GGTR)	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
GGTR-001	1601340-001A	Oil	01/11/2016 07:30	GC5A	115272

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	2.0	1	01/12/2016 15:04
Aroclor1221	ND	2.0	1	01/12/2016 15:04
Aroclor1232	ND	2.0	1	01/12/2016 15:04
Aroclor1242	ND	2.0	1	01/12/2016 15:04
Aroclor1248	ND	2.0	1	01/12/2016 15:04
Aroclor1254	ND	2.0	1	01/12/2016 15:04
Aroclor1260	ND	2.0	1	01/12/2016 15:04
PCBs, total	ND	2.0	1	01/12/2016 15:04

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	96	70-130	01/12/2016 15:04

Analyst(s): CK Analytical Comments: h4

McCampbell Analytical, Inc.
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Analytical Report

Client:	Fremouw Environmental Services, Inc.	**WorkOrder:**	1601340
Date Received:	1/12/16 10:56	**Extraction Method:**	SW3510C
Date Prepared:	1/12/16	**Analytical Method:**	SW8082
Project:	#61554; 378 Granda Ave. (GGTR)	**Unit:**	µg/L

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
GGTR-001	1601340-001B	Water	01/11/2016 07:30	GC20	115222

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	1000	1,000	01/12/2016 16:53
Aroclor1221	ND	1000	1,000	01/12/2016 16:53
Aroclor1232	ND	1000	1,000	01/12/2016 16:53
Aroclor1242	ND	1000	1,000	01/12/2016 16:53
Aroclor1248	ND	1000	1,000	01/12/2016 16:53
Aroclor1254	ND	1000	1,000	01/12/2016 16:53
Aroclor1260	ND	1000	1,000	01/12/2016 16:53
PCBs, total	ND	1000	1,000	01/12/2016 16:53

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	220	S	70-130	01/12/2016 16:53

Analyst(s): SS

Analytical Comments: a1,c7,b6

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www mccampbell com / E-mail: main@mccampbell com

Quality Control Report

Client:	Fremouw Environmental Services, Inc.	**WorkOrder:**	1601340
Date Prepared:	1/12/16	**BatchID:**	115272
Date Analyzed:	1/12/16	**Extraction Method:**	SW3580A
Instrument:	GC5A	**Analytical Method:**	SW8082
Matrix:	Oil	**Unit:**	mg/kg
Project:	#61554; 378 Granda Ave. (GGTR)	**Sample ID:**	MB-115272

QC Summary Report for SW8082

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aroclor1016	ND	-	2.0	-	-	-	-
Aroclor1221	ND	-	2.0	-	-	-	-
Aroclor1232	ND	-	2.0	-	-	-	-
Aroclor1242	ND	-	2.0	-	-	-	-
Aroclor1248	ND	-	2.0	-	-	-	-
Aroclor1254	ND	-	2.0	-	-	-	-
Aroclor1260	ND	-	2.0	-	-	-	-
PCBs, total	ND	-	2.0	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	3.43	-		4	86	-	-

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Quality Control Report

Client:	Fremouw Environmental Services, Inc.	**WorkOrder:**	1601340
Date Prepared:	1/11/16	**BatchID:**	115222
Date Analyzed:	1/12/16	**Extraction Method:**	SW3510C
Instrument:	GC20	**Analytical Method:**	SW8082
Matrix:	Water	**Unit:**	µg/L
Project:	#61554; 378 Granda Ave. (GGTR)	**Sample ID:**	MB/LCS-115222

QC Summary Report for SW8082

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aroclor1016	ND	-	0.50	-	-	-	-
Aroclor1221	ND	-	0.50	-	-	-	-
Aroclor1232	ND	-	0.50	-	-	-	-
Aroclor1242	ND	-	0.50	-	-	-	-
Aroclor1248	ND	-	0.50	-	-	-	-
Aroclor1254	ND	-	0.50	-	-	-	-
Aroclor1260	ND	3.62	0.50	3.75	-	97	70-130
PCBs, total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	1.34	1.35		1.25	107	108	70-130

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1601340 **ClientCode: FESV**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Dina Barron
Fremouw Environmental Services, Inc.
6940 Tremont Rd.,
Dixon, CA 95620
(800) 559-3274 FAX: 707-447-3499

Email: dbarron@hazwasteremoval.com; pfremou
cc/3rd Party dbarron@hazwasteremoval.com; pfremou
PO:
ProjectNo: #61554; 378 Granda Ave. (GGTR)

Bill to:
Accounts Payable
Fremouw Environmental Services, Inc.
6940 Tremont Rd.,
Dixon, CA 95620
ap@hazwasteremoval.com

Requested TAT: 1 day;
Date Received: 01/11/2016
Date Logged: 01/12/2016

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1601340-001	GGTR-001	Oil	1/11/2016 7:30	☐	A											
1601340-001	GGTR-001	Water	1/11/2016 7:30	☐		B										

Test Legend:

1	8082_PCB_O(MG/KG)	2	8082_PCB_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Rosa Venegas

Comments: Analyze both oil and water phase per P.R.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: FREMOUW ENVIRONMENTAL SERVICES, INC.
Project: #61554; 378 Granda Ave. (GGTR)
Comments: Analyze both oil and water phase per P.R.

QC Level: LEVEL 2
Client Contact: Dina Barron
Contact's Email: dbarron@hazwasteremoval.com; pfremouw@hazwasteremoval.com;

Work Order: 1601340
Date Logged: 1/12/2016

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1601340-001A	GGTR-001	Oil	SW8082 (PCBs Only)	1	1LA	☐	1/11/2016 7:30	1 day		☐	
1601340-001B	GGTR-001	Water	SW8082 (PCBs Only)	1	1LA	☐	1/11/2016 7:30	1 day		☐	

NOTES: **- STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

dbarton@hazwasteremoval.com prapozo@hazwasteremoval.com apapm@hazwasteremoval.com pfremouw@hazwasteremoval.com

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD 1601340
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

RUSH

TURN AROUND TIME ☐ RUSH ● 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To:	**Bill To: Fremouw Environmental Svs**
Company: Fremouw Environmental Services, Inc.	
5940 Tremont Road, Dixon, CA 95620	
	E-Mail:
Tele: (707) 448-3700	**Fax: (707) 448-3499**
Project #: 61554	**Project Name: 378 Grand Ave. (GGTR)**
Project Location: 678 Grand Ave. Oakland, CA 94610	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other
GGTR-001		11/1/10	730am	1	G					X	X			

Analysis Request															Other	Comments
BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY / Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	PCBS - 5 Aroclors with Method 8082	Filter Samples for Metals analysis: Yes / No
															X	X	

Relinquished By:	**Date:** 11/1/10	**Time:** 1730	**Received By:**
Relinquished By:	**Date:** 11/1/10	**Time:** 5:30pm	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

COMMENTS:

ICE/t° N/A
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

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Sample Receipt Checklist

Client Name:	**Fremouw Environmental Services, Inc.**	Date and Time Received:	**1/11/2016 15:30**
Project Name:	**#61554; 378 Granda Ave. (GGTR)**	Date Logged:	**1/12/2016**
WorkOrder №:	**1601340** Matrix: Oil/Water	Received by:	Rosa Venegas
Carrier:		Logged by:	Rosa Venegas

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No ☐	
Chain of custody signed when relinquished and received?	Yes	☑	No ☐	
Chain of custody agrees with sample labels?	Yes	☑	No ☐	
Sample IDs noted by Client on COC?	Yes	☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No ☐	
Sampler's name noted on COC?	Yes	☑	No ☐	

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No ☐	
Samples in proper containers/bottles?	Yes	☑	No ☐	
Sample containers intact?	Yes	☑	No ☐	
Sufficient sample volume for indicated test?	Yes	☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No ☐	
Sample/Temp Blank temperature	Temp:			NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No ☐	NA ☑
Samples Received on Ice?	Yes	☐	No ☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below*

Comments:

Northern California
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01/27/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

Golden Gate Tank Removal

378 Grand Avenue - Oakland, CA

9550

Accutest Job Number: C43826

Sampling Date: 01/26/16

Report to:

Golden Gate Tank Removal, Inc.
1455 Yosemite Ave.
San Francisco, CA 94124
gina.wee@ggtr.com; tim@ggtr.com;
b.wheeler@ggtr.com; amm@ggtr.com
ATTN: Gina Wee

Total number of pages in report: **22**

NELAP ACCREDITED TNI LABORATORY

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

James J. Rhudy
Lab Director

Client Service contact: Maureen Coloma 408-588-0200

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

Sections: 1 2 3 4 5 6

Table of Contents

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Accutest Laboratories

Sample Summary

Golden Gate Tank Removal

Job No: C43826

378 Grand Avenue - Oakland, CA
Project No: 9550

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
C43826-1	01/26/16	12:15	01/26/16	SO	Soil	9550 W-11.5
C43826-2	01/26/16	12:20	01/26/16	SO	Soil	9550 E-11.5
C43826-3	01/26/16	12:30	01/26/16	SO	Soil	9550-SP

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

2

Summary of Hits

Job Number: C43826
Account: Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA
Collected: 01/26/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C43826-1	**9550 W-11.5**					
TPH (C10-C28)		646	67	17	mg/kg	SW846 8015B M
C43826-2	**9550 E-11.5**					
TPH (C10-C28)		852	66	17	mg/kg	SW846 8015B M
C43826-3	**9550-SP**					
TPH (C10-C28)		44.9	9.9	2.5	mg/kg	SW846 8015B M

Northern California
ACCUTEST
LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9550 W-11.5		
Lab Sample ID:	C43826-1	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58340.D	1	01/26/16	XB	n/a	n/a	VM1751
Run #2							

	Initial Weight
Run #1	5.04 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	109%		70-130%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550 W-11.5		
Lab Sample ID:	C43826-1	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64124.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	646	67	17	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	128%		38-146%

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

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550 E-11.5		
Lab Sample ID:	C43826-2	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58342.D	1	01/27/16	XB	n/a	n/a	VM1751
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
91-20-3	Naphthalene	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	110%		70-130%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550 E-11.5		
Lab Sample ID:	C43826-2	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64125.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	852	66	17	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	132%		38-146%

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

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

Report of Analysis

Client Sample ID:	9550-SP		
Lab Sample ID:	C43826-3	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M58337.D	1	01/26/16	XB	n/a	n/a	VM1751
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.11 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	180	18	ug/kg	
108-88-3	Toluene	ND	180	18	ug/kg	
100-41-4	Ethylbenzene	ND	180	18	ug/kg	
1330-20-7	Xylene (total)	ND	350	35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	180	35	ug/kg	
91-20-3	Naphthalene	ND	180	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-SP		
Lab Sample ID:	C43826-3	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	01/26/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG64117.D	3	01/27/16	FL	01/26/16	OP13797	GGG1906
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	44.9	9.9	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	110%		38-146%

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

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

Northern California
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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

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

FEDEX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: C43826

Client / Reporting Information

Company Name: GOLDEN GATE TANK REMOVAL INC.
Address: 1455 CARROLL AVE.
City: SAN FRANCISCO State: CA Zip: 94124
Project Contact: GINA WEE
Phone #: 415 312-1655
Sampler's Name:

Project Information

Project Name: 378 GRAND AVE #9550
Street: 378 GRAND AVE
City: OAKLAND State: CA
Project #: 9550
Email: G.WEE@GGTR.COM
Client Purchase Order #: 9550

Requested Analysis

TPH-D by GC/MS | BTEX | MTBE | NAPHTHALENE

Matrix Codes

DW - Drinking Water | GW - Groundwater | WW - Wastewater | SW - Surface Water | SO - Soil | OIL - Oil | LIQ - Other Liquid | AIR - Air | SOL - Other Solid | WP - Wipe | FB - Field Blank | EB - Equipment Blank | RB - Rinse Blank | TB - Trip Blank

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles	TPH-D by GC/MS	BTEX	MTBE	NAPHTHALENE	LAB USE ONLY
1	9550 W - 11.5	12/26/16	0915	TaH	SO	1		X	X	X	X	
2	9550 E - 11.5	"	0930	TaH	"	1		X	X	X	X	
3	9550 - SP	"	0945	TaH	"	1		X	X	X	X	(2-4:1 COMP)

Turnaround Time (Business Days)

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

Approved By / Date:

Emergency T/A data available VIA Labnet

Data Deliverable Information

- Commercial "A" - Results only
- Commercial "B" - Results with QC summaries
- Commercial "C" - Results, QC, and Chromatograms
- Full T3 - Level 4 data package
- EDF for Geotracker — EDD Format:
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

1 DAY

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

	Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1		12/26/16			16:20	
2	Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
3						
4	Relinquished by	Date Time	Received By	Custody Seal #	Preserved Where	Cooler Temp
5				NONE		4.8/3.9

Labels match COC: Y / N | Sufficient Receiving Check List used: Y / N

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C43826 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 378 GRAND AVE #9550

Date / Time Received: 1/26/2016 2:20:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (4/3.1):

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

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Therm ID:	IR3;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

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

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

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

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

Comments

Accutest Laboratories
V:408 588 0200

2105 Lundy Avenue
F: 408 588 0201

San Jose, CA 95131
www.accutest.com

C43826: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C43826
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1751-MB	M58324.D	1	01/26/16	XB	n/a	n/a	VM1751

5.1.1

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

C43826-1, C43826-2, C43826-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43826
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1751-BS	M58321.D	1	01/26/16	XB	n/a	n/a	VM1751
VM1751-BSD	M58322.D	1	01/26/16	XB	n/a	n/a	VM1751

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

C43826-1, C43826-2, C43826-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	33.9	85	36.6	92	8	70-130/30
100-41-4	Ethylbenzene	40	33.8	85	36.8	92	8	70-130/30
1634-04-4	Methyl Tert Butyl Ether	40	31.5	79	34.3	86	9	70-130/30
91-20-3	Naphthalene	40	37.9	95	41.4	104	9	70-130/30
108-88-3	Toluene	40	35.0	88	37.9	95	8	70-130/30
1330-20-7	Xylene (total)	120	103	86	113	94	9	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	96%	97%	70-130%
2037-26-5	Toluene-D8	97%	101%	70-130%
460-00-4	4-Bromofluorobenzene	92%	92%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43826
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C43813-1MS	M58338.D	1	01/26/16	XB	n/a	n/a	VM1751
C43813-1MSD	M58339.D	1	01/26/16	XB	n/a	n/a	VM1751
C43813-1	M58325.D	1	01/26/16	XB	n/a	n/a	VM1751

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

C43826-1, C43826-2, C43826-3

CAS No.	Compound	C43813-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		1720	1600	93	1720	1590	92	1	70-130/30
100-41-4	Ethylbenzene	ND		1720	1600	93	1720	1600	93	0	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		1720	1460	85	1720	1480	86	1	70-130/30
91-20-3	Naphthalene	ND		1720	1350	78	1720	1720	100	24	70-130/30
108-88-3	Toluene	ND		1720	1640	95	1720	1640	95	0	70-130/30
1330-20-7	Xylene (total)	ND		5170	4710	91	5170	4810	93	2	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C43813-1	Limits
1868-53-7	Dibromofluoromethane	94%	94%	91%	70-130%
2037-26-5	Toluene-D8	100%	98%	100%	70-130%
460-00-4	4-Bromofluorobenzene	92%	94%	88%	70-130%

* = Outside of Control Limits.

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C43826
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13797-MB	GG64111.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906

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

C43826-1, C43826-2, C43826-3

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

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	123%	38-146%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43826
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13797-BS	GG64112.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906
OP13797-BSD	GG64113.D	1	01/27/16	FL	01/26/16	OP13797	GGG1906

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

C43826-1, C43826-2, C43826-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	33.4	100	34.7	104	4	53-107/12

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	102%	108%	38-146%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43826
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13797-MS	GG64126.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906
OP13797-MSD	GG64122.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906
C43826-1	GG64124.D	20	01/27/16	FL	01/26/16	OP13797	GGG1906

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

C43826-1, C43826-2, C43826-3

CAS No.	Compound	C43826-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	646		33.3	710	192* a	33.3	509	-412* a	33* a	53-107/12

CAS No.	Surrogate Recoveries	MS	MSD	C43826-1	Limits
630-01-3	Hexacosane	122%	132%	128%	38-146%

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

* = Outside of Control Limits.

e-Hardcopy 2.0
Automated Report

Technical Report for

Golden Gate Tank Removal

378 Grand Avenue - Oakland, CA

9550

SGS Accutest Job Number: C44010

Sampling Date: 01/26/16

Report to:

Golden Gate Tank Removal, Inc.
1455 Yosemite Ave.
San Francisco, CA 94124
gina.wee@ggtr.com; tim@ggtr.com;
b.wheeler@ggtr.com; amm@ggtr.com
ATTN: Tim Hallen

Total number of pages in report: 17

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

James J. Rhudy
Lab Director

Client Service contact: Maureen Coloma 408-588-0200

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

Sections: 1 2 3 4 5 6

Table of Contents

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Sample Summary

Golden Gate Tank Removal

Job No: C44010

378 Grand Avenue - Oakland, CA
Project No: 9550

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C44010-1	01/26/16	00:00	BW	02/09/16	SO	Soil	9550-SP2

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

2

Summary of Hits

Job Number: C44010
Account: Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA
Collected: 01/26/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C44010-1	**9550-SP2**					
TPH (C10-C28)		185	33	8.3	mg/kg	SW846 8015B M

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9550-SP2		
Lab Sample ID:	C44010-1	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	02/09/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L47382.D	1	02/09/16	JT	n/a	n/a	VL1420
Run #2							

	Initial Weight
Run #1	5.06 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	105%		70-130%

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

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

Report of Analysis

Client Sample ID:	9550-SP2		
Lab Sample ID:	C44010-1	**Date Sampled:**	01/26/16
Matrix:	SO - Soil	**Date Received:**	02/09/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH329546.D	10	02/10/16	YN	02/09/16	OP13854	GHH1734
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	185	33	8.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	90%		38-146%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Northern California
ACCUTEST
laboratories

CHAIN OF CUSTODY

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

PEP-EA Invoice #:
Activity Code #:
Sample Order Control #:
Accutest NC Job #: C44010

Client / Reporting Information

Company Name: GOLDEN GATE TANK REMOVAL, INC.
Address: 1400 CARROLL AVENUE
City: SAN FRANCISCO State: CA Zip: 94124
Project Contact: CHRA WEE
Phone #: 415-822-1188
Sampler's Name: BRENT WHEELER

Project Information

Project Name:
Street: 378 GRAND AVENUE
City: OAKLAND State: CA
Project #: 0858
EMail: BWHEELER@GGTR.COM
Client Purchase Order #:

Requested Analysis

TPH - DIESEL (EPA METHOD 8015M)
BTEX (EPA METHOD 8260B)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Wastewater
SW - Surface Water
SO - Soil
SL - Sludge
OL - Oil
WP - Wipe
LIQ - Miscellaneous Liquid
AIR - Air
SOL - Solid Waste (Specify in Comments)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	Preservation: U	HCl	HNO3	H2SO4	NaOH	ZnAc/NaOH	MeOH	Other	TPH - DIESEL (EPA METHOD 8015M)	BTEX (EPA METHOD 8260B)	LAB USE ONLY
	*B350-W-11.5	1/26/2016	1215	TH	SO	1											
	*B350-E-11.5	1/26/2016	1230	TH	SO	1											
	*B350-W-14.5'	2/4/2016	1200	BAW	SO	1											
	*B350-E-14.5'	2/4/2016	1220	BAW	SO	1											
-1	B350-SP2														X	X	

Turnaround Time (Business days)

Data Deliverable Information

Comments / Remarks

* COMPOSITE (1 TO 1) PRIOR TO ANALYSIS WITH NEW SAMPLE ID B350-SP2

Approved By / Date:

- [X] Standard TAT
- [ ] 3 Day (applicable markup)
- [ ] 2 Day (applicable markup)
- [ ] 1 Day (applicable markup)

Emergency T/A data available VIA LabLink

- [ ] Commercial "B" - Results with QC summaries
- [ ] REGTI - Level 3 data package
- [ ] FULTI - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

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

	Relinquished By / Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1	Brent A. Wheeler	2/4/2016 / 1305	1	2		2
3	Relinquished By	12	Received By	Relinquished By	Date Time	Received By
5	Relinquished By	Date Time	Received By	Custody Seals	On Ice	Number of coolers

Cooler Temp: 15/3.6

C44010: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C44010 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 1480 CARROLL AVENUE

Date / Time Received: 2/9/2016 12:05:00 PM **Delivery Method:** Client **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (4.5/3.5);

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

Cooler Temperature	Y or N
1 Temp criteria achieved:	☑ ☐
2 Therm ID:	IR3;
3 Cooler media:	Ice (Bag)
4 No Coolers:	1

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

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

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

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

Comments

Accutest Laboratories
V 408 588 0200
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San Jose, CA 95131
www.accutest.com

4.1

4

C44010: Chain of Custody
Page 2 of 2

GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C44010
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1420-MB	L47377.D	1	02/09/16	JT	n/a	n/a	VL1420

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

C44010-1

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	108%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C44010
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1420-BS	L47374.D	1	02/09/16	JT	n/a	n/a	VL1420
VL1420-BSD	L47375.D	1	02/09/16	JT	n/a	n/a	VL1420

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

C44010-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	37.0	93	37.4	94	1	70-130/30
100-41-4	Ethylbenzene	40	37.2	93	36.8	92	1	70-130/30
108-88-3	Toluene	40	36.6	92	36.4	91	1	70-130/30
1330-20-7	Xylene (total)	120	109	91	108	90	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	109%	109%	70-130%
2037-26-5	Toluene-D8	102%	101%	70-130%
460-00-4	4-Bromofluorobenzene	104%	102%	70-130%

* = Outside of Control Limits.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C44010
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13854-MB	HH329507.D	1	02/09/16	YN	02/09/16	OP13854	GHH1733

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

C44010-1

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

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	87%	38-146%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C44010
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13854-BS	HH329508.D	1	02/09/16	YN	02/09/16	OP13854	GHH1733
OP13854-BSD	HH329509.D	1	02/09/16	YN	02/09/16	OP13854	GHH1733

6.2.1

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

C44010-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	27.4	82	25.4	76	8	53-107/12

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	95%	89%	38-146%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C44010
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13854-MS	HH329518.D	10	02/09/16	YN	02/09/16	OP13854	GHH1733
OP13854-MSD	HH329519.D	10	02/09/16	YN	02/09/16	OP13854	GHH1733
C43999-1	HH329517.D	10	02/09/16	YN	02/09/16	OP13854	GHH1733

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

C44010-1

CAS No.	Compound	C43999-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	88.1		33.2	145	171* [a]	33.2	138	150* [a]	5	53-107/12

CAS No.	Surrogate Recoveries	MS	MSD	C43999-1	Limits
630-01-3	Hexacosane	99%	99%	98%	38-146%

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

* = Outside of Control Limits.

Northern California
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LABORATORIES

02/08/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

Golden Gate Tank Removal

378 Grand Avenue - Oakland, CA

9550

Accutest Job Number: C43975

Sampling Date: 02/04/16

Report to:

Golden Gate Tank Removal, Inc.
1455 Yosemite Ave.
San Francisco, CA 94124
gina.wee@ggtr.com; tim@ggtr.com;
b.wheeler@ggtr.com; amm@ggtr.com
ATTN: Tim Hallen

Total number of pages in report: 25

NELAP ACCREDITED LABORATORY

James J. Rhudy
Lab Director

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

Client Service contact: Maureen Coloma 408-588-0200

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

Sections: 1 2 3 4 5 6

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Accutest Laboratories

Sample Summary

Golden Gate Tank Removal

Job No: C43975

378 Grand Avenue - Oakland, CA
Project No: 9550

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C43975-1	02/04/16	11:50	BW	02/05/16	SO	Soil	9550-W-13'
C43975-2	02/04/16	12:00	BW	02/05/16	SO	Soil	9550-W-14.5'
C43975-3	02/04/16	12:15	BW	02/05/16	SO	Soil	9550-E-13'
C43975-4	02/04/16	12:20	BW	02/05/16	SO	Soil	9550-E-14.5'

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

Summary of Hits

Job Number: C43975
Account: Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA
Collected: 02/04/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C43975-1	**9550-W-13'**					
TPH (C10-C28)		0.893 J	3.3	0.83	mg/kg	SW846 8015B M
C43975-2	**9550-W-14.5'**					
TPH (C10-C28)		2.50 J	3.3	0.83	mg/kg	SW846 8015B M
C43975-3	**9550-E-13'**					
Naphthalene		1.0 J	5.0	1.0	ug/kg	SW846 8260B
TPH (C10-C28)		19.3	3.3	0.83	mg/kg	SW846 8015B M
C43975-4	**9550-E-14.5'**					
TPH (C10-C28)		24.9	3.3	0.83	mg/kg	SW846 8015B M

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Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-W-13'		
Lab Sample ID:	C43975-1	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58521.D	1	02/05/16	XB	n/a	n/a	VM1756
Run #2							

	Initial Weight
Run #1	5.14 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	
91-20-3	Naphthalene	ND	4.9	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-W-13'		
Lab Sample ID:	C43975-1	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH329479.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.893	3.3	0.83	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	89%		38-146%

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

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

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

Report of Analysis

Client Sample ID:	9550-W-14.5'		
Lab Sample ID:	C43975-2	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58522.D	1	02/05/16	XB	n/a	n/a	VM1756
Run #2							

	Initial Weight
Run #1	5.06 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	
91-20-3	Naphthalene	ND	4.9	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	119%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-W-14.5'		
Lab Sample ID:	C43975-2	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH329480.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	2.50	3.3	0.83	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	88%		38-146%

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

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-E-13'		
Lab Sample ID:	C43975-3	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58523.D	1	02/05/16	XB	n/a	n/a	VM1756
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	1.0	5.0	1.0	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%

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

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-E-13'		
Lab Sample ID:	C43975-3	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH329481.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	19.3	3.3	0.83	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	93%		38-146%

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

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

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

Report of Analysis

Client Sample ID:	9550-E-14.5'		
Lab Sample ID:	C43975-4	**Date Sampled:**	02/04/16
Matrix:	SO - Soil	**Date Received:**	02/05/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58524.D	1	02/05/16	XB	n/a	n/a	VM1756
Run #2							

	Initial Weight
Run #1	5.09 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
91-20-3	Naphthalene	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	9550-E-14.5'	**Date Sampled:**	02/04/16
Lab Sample ID:	C43975-4	**Date Received:**	02/05/16
Matrix:	SO - Soil	**Percent Solids:**	n/a [a]
Method:	SW846 8015B M SW846 3550B		
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH329482.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	24.9	3.3	0.83	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	97%		38-146%

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

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

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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

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

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C C43975

Client / Reporting Information

- Company Name: CGSTR
- Address: 1480 CARROLL AVE.
- City: SAN FRANCISCO State: CA Zip: 94124
- Project Contact: TIM HALLEN
- Phone #: 415-512-1555
- Samplers's Name: B. WHITACRE

Project Information

- Project Name:
- Street: 378 GRAND AVE.
- City: OAKLAND State: CA
- Project #: 9550
- EMAIL:
- Client Purchase Order #

Requested Analysis: TPH-DIESEL (8015M); BTEX, MTBE, NAPHTHALENE (8260B)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	BT # of bottles	TPH-DIESEL (8015M)	BTEX, MTBE, NAPHTHALENE (8260B)
1	9550-W-13'	7/1/16	1150	BAW	SO	1	X	X
2	9550-W-14.5'	↓	1200	BAW	SO	1	X	X
3	9550-E-13'	↓	1215	BAW	SO	1	X	X
4	9550-E-14.5'	↓	1220	BAW	SO	1	X	X

1 DAY

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

LAB USE ONLY

Turnaround Time (Business days) — Approved By / Date:

- [ ] 10 Day
- [ ] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [x] 1 Day
- [ ] Same Day

Emergency T/A data available VIA Lablink

Data Deliverable Information

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

Comments / Remarks: BT = BRASS TUBE

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

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1 [signature]	7-1-16 1530	1 [signature]	2 [signature]	7/5/16 11:15	2 Ali Zeighami
Relinquished By: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time	Received By: 4
Relinquished By: 5	Date Time:	Received By: 5	Custody Seal # NONE	Appropriate Bottle / Pres. Y / N; Labels match Coc? Y / N	Headspace Y / N; On Ice (Y); Separate Receiving Check List used: Y / N; Cooler Temp. 2.8/1.9 °C

C43975: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C43975 **Client:** GGTR **Project:** 378 GRAND AVE

Date / Time Received: 2/5/2016 11:15:00 AM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (2.8/1.9);

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

Cooler Temperature	Y	or	N
1 Temp criteria achieved:	☑		☐
2 Therm ID:	IR3;		
3 Cooler media:	Ice (Bag)		
4 No Coolers:	1		

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

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

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

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

Comments

Accutest Laboratories
V:408 588 0200
2105 Lundy Avenue
F: 408 588 0201
San Jose, CA 95131
www.accutest.com

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4

C43975: Chain of Custody

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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1756-MB	M58516.D	1	02/05/16	XB	n/a	n/a	VM1756

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

C43975-1, C43975-2, C43975-3, C43975-4

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	109%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1756-BS	M58513.D	1	02/05/16	XB	n/a	n/a	VM1756
VM1756-BSD	M58514.D	1	02/05/16	XB	n/a	n/a	VM1756

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

C43975-1, C43975-2, C43975-3, C43975-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	38.3	96	38.8	97	1	70-130/30
100-41-4	Ethylbenzene	40	38.6	97	40.1	100	4	70-130/30
1634-04-4	Methyl Tert Butyl Ether	40	37.6	94	38.3	96	2	70-130/30
91-20-3	Naphthalene	40	43.5	109	44.0	110	1	70-130/30
108-88-3	Toluene	40	38.2	96	40.0	100	5	70-130/30
1330-20-7	Xylene (total)	120	111	93	116	97	4	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	105%	70-130%
2037-26-5	Toluene-D8	101%	102%	70-130%
460-00-4	4-Bromofluorobenzene	99%	100%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1756-LCS	M58515.D	1	02/05/16	XB	n/a	n/a	VM1756

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

C43975-1, C43975-2, C43975-3, C43975-4

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

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	**104%**	70-130%
2037-26-5	Toluene-D8	106%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C43964-2MS	M58525.D	1	02/05/16	XB	n/a	n/a	VM1756
C43964-2MSD	M58526.D	1	02/05/16	XB	n/a	n/a	VM1756
C43964-2	M58518.D	1	02/05/16	XB	n/a	n/a	VM1756

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

C43975-1, C43975-2, C43975-3, C43975-4

CAS No.	Compound	C43964-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.5	37.6	95	39.4	33.3	84	12	70-130/30
100-41-4	Ethylbenzene	ND		39.5	38.4	97	39.4	31.6	80	19	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.5	37.3	94	39.4	34.1	86	9	70-130/30
91-20-3	Naphthalene	6.5		39.5	50.3	111	39.4	47.6	104	6	70-130/30
108-88-3	Toluene	ND		39.5	38.0	96	39.4	32.3	82	16	70-130/30
1330-20-7	Xylene (total)	1.8	J	119	111	92	118	94.5	78	16	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C43964-2	Limits
1868-53-7	Dibromofluoromethane	17%* [a]	23%* [a]	21%* [a]	70-130%
2037-26-5	Toluene-D8	100%	99%	104%	70-130%
460-00-4	4-Bromofluorobenzene	98%	97%	102%	70-130%

(a) Outside control limits due to matrix interference (pH= 12); confirmed by MS/MSD.

* = Outside of Control Limits.

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13842-MB	HH329476.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731

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

C43975-1, C43975-2, C43975-3, C43975-4

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

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	87%	38-146%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13842-BS	HH329477.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
OP13842-BSD	HH329478.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731

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

C43975-1, C43975-2, C43975-3, C43975-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	28.0	84	27.4	82	2	53-107/12

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	87%	88%	38-146%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C43975
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13842-MS	HH329483.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
OP13842-MSD	HH329484.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731
C43975-1	HH329479.D	1	02/05/16	YN	02/05/16	OP13842	GHH1731

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

C43975-1, C43975-2, C43975-3, C43975-4

CAS No.	Compound	C43975-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	0.893	J	33.3	32.6	95	33.3	33.6	98	3	53-107/12

CAS No.	Surrogate Recoveries	MS	MSD	C43975-1	Limits
630-01-3	Hexacosane	94%	94%	89%	38-146%

* = Outside of Control Limits.

e-Hardcopy 2.0
Automated Report

Technical Report for

Golden Gate Tank Removal

378 Grand Avenue - Oakland, CA

9550

SGS Accutest Job Number: C44330

Sampling Date: 03/01/16

Report to:

Golden Gate Tank Removal, Inc.
1455 Yosemite Ave.
San Francisco, CA 94124
gina.wee@ggtr.com; tim@ggtr.com;
b.wheeler@ggtr.com; amm@ggtr.com
ATTN: Tim Hallen

Total number of pages in report: 29

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

James J. Rhudy
Lab Director

Client Service contact: Maureen Coloma 408-588-0200

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

Sections: 1 2 3 4 5 6

Table of Contents

Sample Summary

Golden Gate Tank Removal

Job No: C44330

378 Grand Avenue - Oakland, CA
Project No: 9550

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C44330-1	03/01/16	09:50	BW	03/01/16	SO	Soil	9550-SW-S-8.5
C44330-2	03/01/16	10:45	BW	03/01/16	SO	Soil	9550-SW-N-8.5
C44330-3	03/01/16	10:50	BW	03/01/16	SO	Soil	9550-SW-E-8.5
C44330-4	03/01/16	11:05	BW	03/01/16	SO	Soil	9550-SW-W-8.5
C44330-5	03/01/16	12:35	BW	03/01/16	SO	Soil	9550-EX-E-13.5
C44330-6	03/01/16	13:35	BW	03/01/16	SO	Soil	9550-EX-W-13.5

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

2

Summary of Hits

Job Number: C44330
Account: Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA
Collected: 03/01/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C44330-1	**9550-SW-S-8.5**					
TPH (C10-C28)		772	66	17	mg/kg	SW846 8015B M
C44330-2	**9550-SW-N-8.5**					
TPH (C10-C28)		146	33	8.3	mg/kg	SW846 8015B M
C44330-3	**9550-SW-E-8.5**					
TPH (C10-C28)		6.69	3.3	0.82	mg/kg	SW846 8015B M
C44330-4	**9550-SW-W-8.5**					
TPH (C10-C28)		1.63 J	3.3	0.83	mg/kg	SW846 8015B M
C44330-5	**9550-EX-E-13.5**					
TPH (C10-C28)		17.7	3.3	0.83	mg/kg	SW846 8015B M
C44330-6	**9550-EX-W-13.5**					
TPH (C10-C28)		352	33	8.3	mg/kg	SW846 8015B M

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9550-SW-S-8.5		
Lab Sample ID:	C44330-1	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58997.D	1	03/02/16	JT	n/a	n/a	VM1773
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	134% [b]		70-130%

(a) All results reported on a wet weight basis.
(b) Outside control limits (high bias); no target analytes were detected in the sample.

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

Report of Analysis

Client Sample ID:	9550-SW-S-8.5		
Lab Sample ID:	C44330-1	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH330239.D	20	03/03/16	YN	03/01/16	OP13965	GHH1753
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	772	66	17	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	45%		38-146%

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

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

Report of Analysis

Client Sample ID:	9550-SW-N-8.5		
Lab Sample ID:	C44330-2	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58996.D	1	03/02/16	JT	n/a	n/a	VM1773
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

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

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

Report of Analysis

Client Sample ID:	9550-SW-N-8.5		
Lab Sample ID:	C44330-2	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH330242.D	10	03/03/16	YN	03/01/16	OP13965	GHH1753
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	146	33	8.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	36% [b]		38-146%

(a) All results reported on a wet weight basis.
(b) Outside control limits due to dilution.

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

Report of Analysis

Client Sample ID:	9550-SW-E-8.5		
Lab Sample ID:	C44330-3	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58994.D	1	03/02/16	JT	n/a	n/a	VM1773
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
91-20-3	Naphthalene	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

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

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

Report of Analysis

Client Sample ID:	9550-SW-E-8.5		
Lab Sample ID:	C44330-3	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH330243.D	1	03/03/16	YN	03/01/16	OP13965	GHH1753
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	6.69	3.3	0.82	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	42%		38-146%

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

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

SGS Accutest

Report of Analysis

Client Sample ID:	9550-SW-W-8.5		
Lab Sample ID:	C44330-4	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58995.D	1	03/02/16	JT	n/a	n/a	VM1773
Run #2							

	Initial Weight
Run #1	5.01 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	121%		70-130%

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

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

Report of Analysis

Client Sample ID:	9550-SW-W-8.5		
Lab Sample ID:	C44330-4	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH330244.D	1	03/03/16	YN	03/01/16	OP13965	GHH1753
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	1.63	3.3	0.83	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	83%		38-146%

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

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

Report of Analysis

Client Sample ID:	9550-EX-E-13.5		
Lab Sample ID:	C44330-5	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58993.D	1	03/02/16	JT	n/a	n/a	VM1773
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

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

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

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

Report of Analysis

Client Sample ID:	9550-EX-E-13.5		
Lab Sample ID:	C44330-5	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH330246.D	1	03/03/16	YN	03/01/16	OP13965	GHH1753
Run #2							

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

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	17.7	3.3	0.83	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	82%		38-146%

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

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

Report of Analysis

Client Sample ID:	9550-EX-W-13.5		
Lab Sample ID:	C44330-6	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M58992.D	1	03/02/16	JT	n/a	n/a	VM1773
Run #2							

	Initial Weight
Run #1	5.09 g
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
91-20-3	Naphthalene	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

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

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

Report of Analysis

Client Sample ID:	9550-EX-W-13.5		
Lab Sample ID:	C44330-6	**Date Sampled:**	03/01/16
Matrix:	SO - Soil	**Date Received:**	03/01/16
Method:	SW846 8015B M SW846 3550B	**Percent Solids:**	n/a [a]
Project:	378 Grand Avenue - Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH330247.D	10	03/03/16	YN	03/01/16	OP13965	GHH1753
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	352	33	8.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	80%		38-146%

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

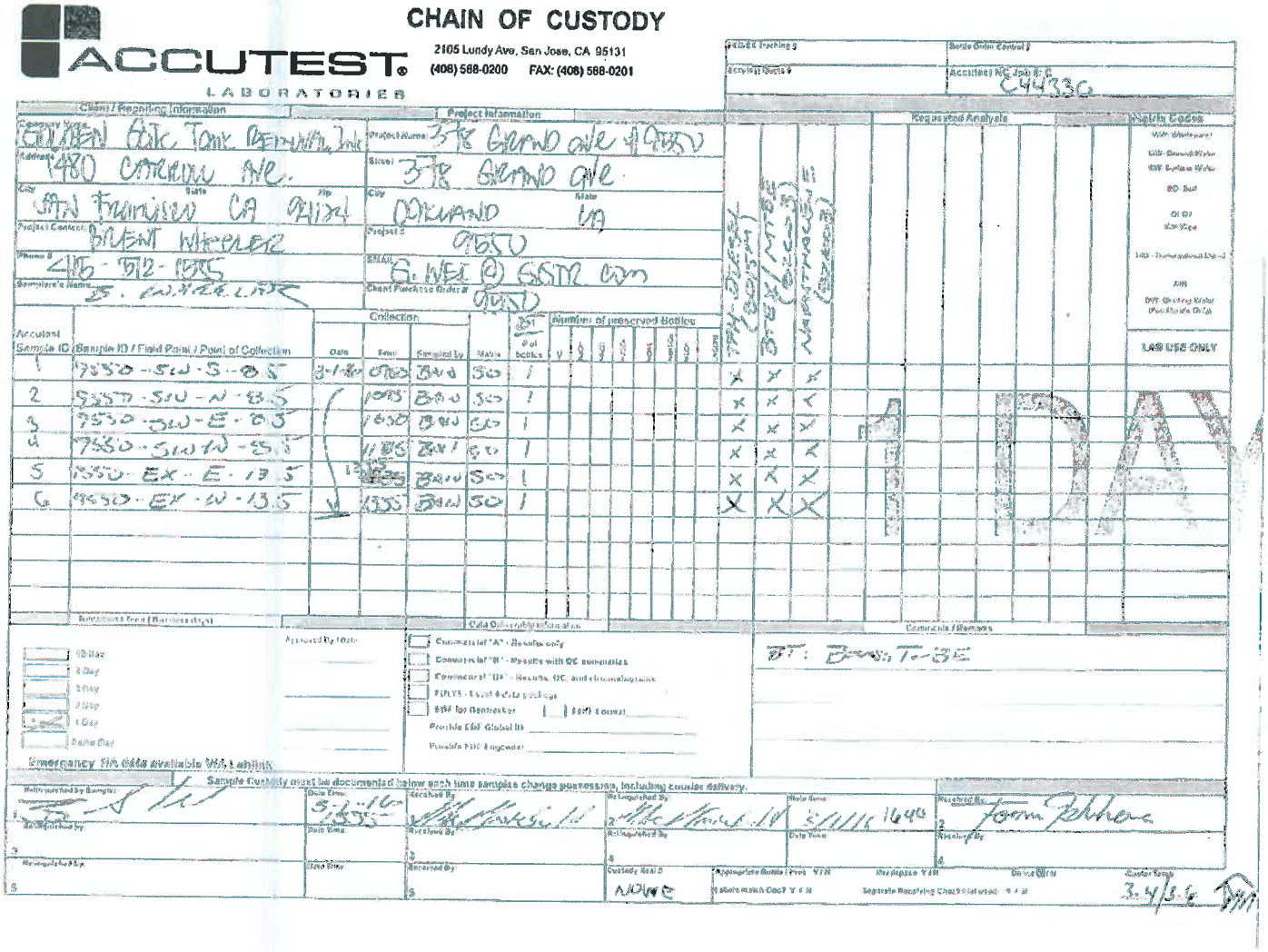
ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



ACCUTEST LABORATORIES

CHAIN OF CUSTODY

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

Accutest Job #: C44330

Client / Reporting Information

Company Name: Golden Gate Tank Removal, Inc.
Address: 1480 Carleton Ave.
City: San Francisco State: CA Zip: 94124
Project Contact: Brent Wheeler
Phone #: 415-512-1555
Sampler's Name: S. Wheeler

Project Information

Project Name: 3rd Grand Ave 9650
Street: 3rd Grand Ave
City: Oakland State: CA
Project #: 9650
Email: G.WBL@GGTR.com
Client Purchase Order #: 9650

Requested Analysis

TPH-Diesel (8015M) | BTEX (8021B) | Naphthalene (8260B)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Wastewater
SW - Surface Water
SO - Soil
SL - Sludge
OL - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
TB - Trip Blank

LAB USE ONLY

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preservation: HCl	MeOH	NaHSO4	Na2S2O3	NaOH	Zn Acetate	Other	TPH-Diesel (8015M)	BTEX (8021B)	Naphthalene (8260B)
1	9650-SW-S-0.5	3-1-16	0705	BWW	SO	1								X	X	X
2	9650-SW-N-0.5		1015	BWW	SO	1								X	X	X
3	9650-SW-E-0.5		1030	BWW	SO	1								X	X	X
4	9650-SW-W-0.5		1105	BWW	SO	1								X	X	X
5	9650-EX-E-13.5		1335	BWW	SO	1								X	X	X
6	9650-EX-W-13.5		1355	BWW	SO	1								X	X	X

Turnaround Time (Business days)

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

Approved By (Date):

Emergency T/A data available VIA Lablink

Data Deliverable Information

- Commercial "A" - Results only
- Commercial "B" - Results with QC summaries
- Commercial "C" - Results, QC, and chromatograms
- FULLY - Level 4 data package
- EDF for Contractor [ ] EDF Format:

Provide EDF Global ID:
Provide EDF Engineer:

Comments / Remarks

DT: Brent 7-8-16

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

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1	3-3-16 1335	1	2	3/11/16 1645	2 Fedex
Relinquished By	Date Time	Received By	Relinquished By	Date Time	Received By
3		3	4		4
Relinquished By	Date Time	Received By	Custody Seal #	Preserved where applicable	On Ice	Cooler Temp
5		5	NONE			3.4/3.6 DM

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C44330 **Client:** GOLDEN GATE TANK REMOVAL **Project:** 378 GRAND AVE #9550

Date / Time Received: 3/1/2016 4:40:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (3.4/3.6):

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

Cooler Temperature	Y	or	N
1 Temp criteria achieved	☑		☐
2 Therm ID:	IR1		
3 Cooler media:	Ice (Bag)		
4 No Coolers:	1		

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

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

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

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

Comments

Accutest Laboratories
V:408 588 0200

2105 Lundy Avenue
F: 408 588 0201

San Jose, CA 95131
www.accutest.com

4.1

4

C44330: Chain of Custody
Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1773-MB	M58983.D	1	03/02/16	JT	n/a	n/a	VM1773

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1773-BS	M58979.D	1	03/02/16	JT	n/a	n/a	VM1773
VM1773-BSD	M58982.D	1	03/02/16	JT	n/a	n/a	VM1773

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	35.3	88	35.7	89	1	70-130/30
100-41-4	Ethylbenzene	40	33.5	84	34.3	86	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	40	34.4	86	33.1	83	4	70-130/30
91-20-3	Naphthalene	40	37.0	93	38.8	97	5	70-130/30
108-88-3	Toluene	40	33.7	84	33.4	84	1	70-130/30
1330-20-7	Xylene (total)	120	97.0	81	99.2	83	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	101%	94%	70-130%
2037-26-5	Toluene-D8	96%	92%	70-130%
460-00-4	4-Bromofluorobenzene	95%	95%	70-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1773-LCS	M58981.D	1	03/02/16	JT	n/a	n/a	VM1773

5.3.1

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

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

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C44339-1MS	M58998.D	1	03/02/16	JT	n/a	n/a	VM1773
C44339-1MSD	M58999.D	1	03/02/16	JT	n/a	n/a	VM1773
C44339-1	M58984.D	1	03/02/16	JT	n/a	n/a	VM1773

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

CAS No.	Compound	C44339-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.4	31.4	80	39.4	27.9	71	12	70-130/30
100-41-4	Ethylbenzene	ND		39.4	29.9	76	39.4	25.9	66* [a]	14	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.4	27.0	68* [a]	39.4	24.3	62* [a]	11	70-130/30
91-20-3	Naphthalene	ND		39.4	19.4	49* [a]	39.4	16.3	41* [a]	17	70-130/30
108-88-3	Toluene	ND		39.4	30.3	77	39.4	26.9	68* [a]	12	70-130/30
1330-20-7	Xylene (total)	ND		118	84.9	72	118	73.6	62* [a]	14	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C44339-1	Limits
1868-53-7	Dibromofluoromethane	96%	95%	108%	70-130%
2037-26-5	Toluene-D8	96%	95%	97%	70-130%
460-00-4	4-Bromofluorobenzene	97%	95%	96%	70-130%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13965-MB	HH330235.D	1	03/03/16	YN	03/01/16	OP13965	GHH1753

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

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

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	75%	38-146%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13965-BS	HH330236.D	1	03/03/16	YN	03/01/16	OP13965	GHH1753
OP13965-BSD	HH330237.D	1	03/03/16	YN	03/01/16	OP13965	GHH1753

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	26.6	80	26.1	78	2	53-107/12

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	58%	53%	38-146%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C44330
Account: GGTRCASF Golden Gate Tank Removal
Project: 378 Grand Avenue - Oakland, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13965-MS	HH330248.D	10	03/03/16	YN	03/01/16	OP13965	GHH1753
OP13965-MSD	HH330249.D	10	03/03/16	YN	03/01/16	OP13965	GHH1753
C44330-6	HH330247.D	10	03/03/16	YN	03/01/16	OP13965	GHH1753

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

C44330-1, C44330-2, C44330-3, C44330-4, C44330-5, C44330-6

CAS No.	Compound	C44330-6 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	352		33.1	514	489* [a]	33.1	444	278* [a]	15* [b]	53-107/12

CAS No.	Surrogate Recoveries	MS	MSD	C44330-6	Limits
630-01-3	Hexacosane	83%	80%	80%	38-146%

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

* = Outside of Control Limits.

CERTIFICATE OF DISPOSAL

DATE:	March 01, 2016
PROJECT NUMBER:	9550
PROJECT ADDRESS:	378 Grand Avenue, Oakland, CA 94610
TANK SIZE:	1500 gallons
ORIGINAL TANK CONTENTS:	Diesel

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

- This tank was cleaned by triple rinsing and allowable for disposal as scrap metal.
- The Oxygen content of the Tank was 20.9%
- The Lower Explosive Limit was 0%
- The above tank was rendered harmless by cutting and disposed of as scrap metal at Circosta Iron and Metal, Inc.
- The above method of tank destruction is suitable for the materials involved and is accepted by the City of Oakland and County of Alameda as an appropriate disposal method.

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

Golden Gate Tank Removal, Inc.

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

CIRCOSTA IRON AND METAL, INC.

1801 EVANS AVENUE • SAN FRANCISCO, CALIFORNIA 94124
PHONE (415) 282-8568 FAX (415) 641-7804

BUY NUMBER
495408

CUSTOMER GOLDEN GATE TANK REMOVAL
ADDRESS 1480 CAPITOL AVE SF
LICENSE NO. 616581
DRIVER'S LIC. NO. V9C79601
JOB NO. _____ NAME JULIAN MCLANO
TIME IN _____ TIME OUT _____

DATE: 3-2-16

11540 LB	LBS. GROSS
8960 LB	LBS. TARE
2580	LBS. NET
_____	LBS. DEDUCTION

PAID
MAR 02 2016

- #1 HMS ☐
- #2 HMS ☑
- STRUCTURAL ☐
- RE-BAR ☐
- HMS and SHEET MIX ☐
- CLEAN SHEET ☐
- W/G ☐
- CAST IRON ☐
- M-BLOCKS ☐
- BODIES ☐
- NON FERROUS ☐

PREPARED ☐
UNPREPARED ☑

WEIGHER _____

UNIT PRICE $ 5cwt
AMOUNT $ 64.50

#IK69189 LICENCE NO.
_____ TRAILER NO.

COMMENTS: _____

X _____ CUSTOMER SIGNATURE

BILL OF SALE: I hereby state that I am the lawful owner of the material described hereon, that I have a right to sell same and that for payment received in full, hereby acknowledged, I sell and convey title of same of the CIRCOSTA IRON & METAL CO.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002840269
2. Page 1 of: 1
3. Emergency Response Phone: 800 424-9300 CHEMTREC
4. Manifest Tracking Number: 015104613 JJK

5. Generator's Name and Mailing Address:
378 GRAND AVE, LLC
2295 SAN PABLO AVE
BERKELEY CA 94702
Generator's Phone: 510 540-5982

Generator's Site Address (if different than mailing address):
378 GRAND AVE, LLC
378 GRAND AVE
OAKLAND CA 94610

6. Transporter 1 Company Name: FREMONT ENVIRONMENTAL SERVICES INC
U.S. EPA ID Number: CAR000171017

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

8. Designated Facility Name and Site Address:
DK DIXON
7300 CHEVRON WAY
DIXON CA 95620
Facility's Phone: 707 693-6008
U.S. EPA ID Number: CAT080012602

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, LIQUIDS (OILY WATER)	1	TT	1386	G	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 1)DK - Oily Water ERG#171

HANDLERS TO BE 40HR TRAINED AND USE PPE. ER Contract # 205907

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/Offeror's Printed/Typed Name: Jim FALLEN
Signature:
Month: 01 Day: 26 Year: 16

INTL

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Carlos Alvarado
Signature:
Month: 01 Day: 26 Year: 16

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

DESIGNATED FACILITY

18. Discrepancy

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

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

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

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

1.	2.	3.	4.

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

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

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

GENERATOR'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.			165	
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Date

Printed/Typed Name

Signature

Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name

Signature

Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Date

Printed/Typed Name

Signature

Month Day Year

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 1526316

2. Page 1 of 1

3. Generator's Name and Mailing Address: 375 Grand Ave Oakland, CA

4. Generator's Phone:

5. Transporter 1 Company Name: Big Sky Enterprises

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (510) 479-7993

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Big Sky Enterprises 601 W Channel Rd Benicia, CA 94510

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: (510) 479-7993

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Waste Water	003	DM	150 JR ~~+65~~	G
b.				
c.				
d.				

15. Additional Descriptions for Materials Listed Above: Wear PPE

17. Handling Codes for Wastes Listed Above:

18. Special Handling Instructions and Additional Information: Material will be filtered for disposal at Potrero Hill Landfill in Suisun CA

GENERATOR

19. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: SNA | Signature: SNA | Date: Month Day Year

TRANSPORTER

16. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jeff Rhodes | Signature: [signature] | Date: 3 13 16

17. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

18. Discrepancy Indication Space:

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19

Printed/Typed Name: Scott Rhodes | Signature: [signature] | Date: 3 13 16

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

I. GENERATOR (Generator completes Ia-f)

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

d. Generator's Name and Location:	e. Generator's Mailing Address
378 Grand Avenue, LLC 378 Grand Avenue Oakland, CA 94610 f. Phone:510-540-5982	378 Grand Avenue, LLC 2295 San Pablo Avenue Berkeley, CA 94702 g. Phone:510-540-5982
If owner of the generating facility differs from the generator, provide h. Owner's Name	i. Owner's Phone No

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4212152659	06/30/2016	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.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Gina Wee		02/26/2016

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

a. Transporter's Name and Address: F.A. Poli Trucking
P.O. Box 1624
San Bruno, CA 94066

b. Phone: 650-589-7519

c. Driver Name (Print)	d. Signature	e. Date
		02/26/2016

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

a. Disposal Facility and Site Address
Keller Canyon
901 Bailey Rd
Pittsburg, CA 94565

c. US EPA Number | d. Discrepancy Indication Space

b. Phone 925-458-9800

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

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		2-26-16

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

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

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

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

TE

USTOMER

SITE | TICKET # | CELL

WEIGHMASTER

DATE/time in | DATE/TIME OUT

VEHICLE | CONTAINER

REFERENCE

BILL OF LADING

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.00						
13.00						
1.00						
1.00						

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.

I have read and understand the terms and conditions

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK#

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

I. GENERATOR (Generator completes Ia-r)

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

d. Generator's Name and Location:	e. Generator's Mailing Address
378 Grand Avenue, LLC 378 Grand Avenue Oakland, CA 94610 f. Phone 510-540-5982	378 Grand Avenue, LLC 2295 San Pablo Avenue Berkeley, CA 94702 g. Phone:510-540-5982

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

h. Owner's Name | i. Owner's Phone No.

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4212182668	06/30/2016	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 th waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Gina Wes		/2016

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

b. Phone 650-589-7539

c. Driver Name (Print)	d. Signature	e. Date
		/2016

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

a. Disposal Facility and Site Address: Keller Canyon
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
		3-1-16

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. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

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

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

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

ITE

JSTOMER

SITE | TICKET | CELL

WEIGHMASTER

DATE/TIME IN | DATE/TIME OUT

VEHICLE | CONTAINER

REFERENCE

BILL OF LADING

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00						
12.53						
1.00						
1.00						

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.

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

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK#

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

ERGENCY
Yes ☒ No

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

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

PORT DATE: /26/16

CASE #:

NAME OF INDIVIDUAL FILING REPORT: Gina Wee

PHONE: (415) 512-1555

SIGNATURE:

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

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

ADDRESS: 1480 Carroll Avenue (STREET) San Francisco (CITY) CA (STATE) 94124 (ZIP)

PARTY

NAME: 378 Grand Avenue, LLC ☐ Unknown

PHONE: 510-540-5982

ADDRESS: 2295 San Pablo Avenue (STREET) Berkeley (CITY) CA (STATE) 94702 (ZIP)

FACILITY NAME (IF APPLICABLE):

OPERATOR:

PHONE:

ADDRESS: 378 Grand Avenue (STREET) Oakland (CITY) Alameda (COUNTY) 94610 (ZIP)

CROSS STREET: Staten Avenue

AGENCIES

LOCAL AGENCY — AGENCY NAME: Alameda County Environmental Health -Barbara Jakub

PHONE: 510-567-6737

REGIONAL BOARD

PHONE:

INVOLVED

NAME — QUANTITY LOST (GALLONS)

1. Diesel ☒ Unknown

2. ☐ Unknown

DATE DISCOVERED: 1/26/16

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

DATE DISCHARGE BEGAN ☒ Unknown

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

HAS DISCHARGE BEEN STOPPED? ☒ Yes ☐ No 01/26/16 (IF YES, DATE)

CAUSE

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

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

TYPE

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

STATUS

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

ACTION

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

Holes found in the tank

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# 1

TANK OWNER NAME 740
378 GRAND AVENUE, LLC.

TANK OWNER ADDRESS 741
2295 SAN PABLO AVENUE, BERKELEY, CA 94702

TANK OWNER CITY BERKELLY 742 | STATE CA 743 | ZIP CODE 94702 744

II. TANK CLOSURE INFORMATION

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

III. CERTIFICATION

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

SIGNATURE OF CERTIFIER
Tim Hallen

NAME OF CERTIFIER (Print) 754
TIM HALLEN

TITLE OF CERTIFIER 755
PRESIDENT

ADDRESS 756
1480 CARROLL AVENUE

CITY 757
SAN FRANCISCO

PHONE 758
415-512-1555

DATE 759
03/1/2016

CERTIFICATION TIME
13:00

STATUS OR AFFILIATION OF CERTIFYING PERSON

Certifier is a representative of the CUPA, authorized agency, or LIA: 760
☐ Yes ☒ No

Name of CUPA, authorized agency, or LIA: 761

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

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

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS 763

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

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

A copy of this certificate shall accompany the tank to the recycling / disposal facility and be provided to the CUPA. If there is no CUPA, copies shall be submitted to the LIA and authorized agency; owner / operator of the tank system; removal contractor; and the recycling / disposal facility.

JOB SITE

Permits for which no major inspection has been approved within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

CHECK REVERSE

CITY OF OAKLAND

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

Planning and Building Department
www.oaklandnet.com

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

Permit No: X1502887 OPW - Excavation **Filed Date:** 12/22/2015

Job Site: 378 GRAND AVE **Schedule inspection by calling:** 510-238-3444

Parcel No: 010 077600800

District:

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

Project Description: Excavate to remove existing underground storage tank in sidewalk area.
If working within 25' feet of a monument you must comply with State Law 8771, contact the Inspector prior to starting excavation: minimum $5,800.00 fine for non-compliance.
Comply with all terms of City of Oakland Public Works Standards, Street Excavation Rules, Revised March 2015 and City Council Ordinance No. 13300 C.M.S. Five day prior notice required for work lasting five days or less in business/commercial districts; 72 hour notice in residential districts. Ten day prior notice required for work lasting six days or more in all districts.
FIRE MARSHAL review required. 3rd FLOOR.
Call PWA INSPECTION prior to start: 510-238-3651, 4th FLOOR.

Related Permits: X1502478

	Name	Applicant	Address	Phone	License #
Owner:	GRAND AVENUE APARTMENTS		2909 MCCLURE ST OAKLAND, CA		
Contractor:	GOLDEN GATE TANK REMOVAL INC	X	1455 YOSEMITE AVENUE SAN FRANCISCO	(415) 512-1555	
Contractor:	GOLDEN GATE TANK REMOVAL INC		1455 YOSEMITE AVENUE SAN FRANCISCO	(415) 512-1555	616521

PERMIT DETAILS: Building/Public Infrastructure/Excavation/NA

General Information

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

Key Dates

Approximate Start Date:
Approximate End Date:

TOTAL FEES TO BE PAID AT FILING: $434.91

Application Fee	$70.00	Excavation - Private Party Type	$309.00	Records Management Fee	$36.01
Technology Enhancement Fee	$19.90				

Plans Checked By _____ Date _____ Permit Issued By _____ Date 12/22

SPECIAL NOTE

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

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263
Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired

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, Inc.	Reason:	Tanks
Address:	378 GRAND AVE	Scheduled:	2015-12-08 2:00PM
Job (Insp Ref#):	2015-40342	Assigned To:	Skillern,Sheryl

Comments: Underground Tank Removal plan review & 1 insp. Gina Wee w/Golden Gate Tank Removal Inc., 415-512-1555. PAID $668.00. hro

Invoice #	2015-38698	Applicant:	
Invoice Amount	668.00	Applicant Ph#:	
		Contractor:	
		Contractor Ph#:	

Contact Name	Gina Wee
Field Contact #	415-512-1555
Review Type	UST

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: [signature]
TITLE: HAZ MAT INSP
DATE: 12/23/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

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: December 08, 2015

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

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

(a) Gasoline (b) Fuel oil (c) Diesel (d) _____ 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 east side of Grand Avenue St./Ave. 100 feet of Staten Ave St./Ave.

Site Address: 378 Grand Avenue Present storage Heating oil

Owner: 378 Grand Avenue, LLC Address 2295 San Pablo Avenue Phone (510)540-5982

Berkeley CA 94702

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 1500 Gallons ea.

Remarks _____

Signature _____

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

- (2) Copies of Closure Plans for underground tank removal(s)
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
- (2) Sets of plans for aboveground tank installation and specifications
- copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

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

FOR OFFICE USE ONLY

Permit No. _____ Amt. Recv'd _____ Date Issued: _____
Copies to: Electrical Inspection Ck# _____ Cash _____
Receipt# _____ Received by _____

rev:05/98

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: _____
TITLE: _____
DATE: 12/23/15

ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: FPB INSPECTOR
DATE: 12/23/15
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

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.

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 personnel involved with the removal.
Any changes or alterations of these plans and specifications must be submitted to this the 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 12/23/2015

UNDERGROUND STORAGE TANK CLOSURE PLAN
*** * * Complete closure plan according to instructions * * ***

1. Name of Business 378 Grand Avenue

   Business Owner or Contact Person (PRINT) 378 Grand Avenue, LLC

2. Site Address 378 Grand Avenue

   City, State Oakland, CA Zip 94610 Phone 510-540-5982

3. Mailing Address 2295 San Pablo Avenue

   City, State Oakland, CA Zip 94702 Phone 510-540-5982

4. Property Owner 378 Grand Avenue, LLC

   Business Name (if applicable)

   Address 2295 San Pablo Avenue

   City, State Oakland, CA Zip 94610 Phone 510-540-5982

5. Generator name under which tank will be manifested

   378 Grand Avenue, LLC

   EPA I.D. No. under which tank(s) will be manifested CAC002840269

SR0029144

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 1 (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) one

10. State Registered Hazardous Waste Transporters/Facilities (See Instructions).

a) Product/Residual Sludge/Rinsate Transporter

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

Hauler License No. ~~114013~~ 5158 License Exp. Date 06/30/2016

Address 1605 Ferry Point

City, State Alameda, CA Zip 94501

b) Product/Residual Sludge/Rinsate Disposal Site

Name Riverbank Oil Transfer, LLC EPA I.D. No. CAL000190816

Address 5300 Claus Road, Bldg 11

City, State Riverbank, CA Zip 95367

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 Brent Wheeler/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 Accutest Laboratories, Inc.

Address 2105 Lundy Avenue

City, State San Jose, CA Zip 95131

State Certification No. ELAP 2910

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 verity tank inertness. **It is the contractor's responsibility to have a functional combustible gas indicator on-site to verity 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)		
1500	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 [X] 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 <u>prior</u> 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 Fund Compensation Insurance

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 12/08/2015

[X] PROPERTY OWNER OR [ ] MOST RECENT TANK OPERATOR (Check one)

Name of Business 378 Grand Avenue, LLC

Name of Individual Yuval Bobrovitch

Signature _____ Date 12/08/15

Subject: Conditions for Approval of Closure Plan

The following items are included in the Conditions of Approval by Item #:

14. No liquid is to be introduced into the tank. The tank will not be rinsed or washed while it is in the tank pit. Please remove the tank, place it on bermed plastic sheeting before introducing liquids. Ensure that all liquids are captured within the bermed area and appropriately disposed.

16. Tank was reported as an unknown fuel, use the recommended minimum verification analysis for unknown fuel (see attached).

Hazardous Waste Tank Closure Certification – This form is attached. Please complete in order to transport the tank to a scrap metal facility.