



September 15, 2010

Job #9164

Mr. Steven Plunkett
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

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

**SITE: 5812 HOLLIS STREET
EMERYVILLE, CA 94608**

Dear Gene Pullman:

Golden Gate Tank Removal, Inc. is pleased to submit the attached report documenting the removal of underground storage tank (UST) from 5812 Hollis Street.

Thank you for the opportunity to provide you with our services. If you have any questions, please call Tim Hallen or Joshua Alexander at (415) 512-1555.

Sincerely,
Golden Gate Tank Removal, Inc.

Tim Hallen
General Manager

cc: Emery Station Triangle II, LLC C/O Geoffrey Sears
1120 Nye Street, Suite 400, San Rafael, CA 94901

2010 SEP 17 PM 9:23



TANK CLOSURE REPORT

5812 Hollis Street
Emeryville, CA 94608
Job No. 9164
September 13, 2010

Prepared For:

Emery Station Triangle II, LLC
c/o Geoffrey Sears
1120 Nye Street, Suite 400
San Rafael, CA 94901



Joshua Alexander
on behalf of

Tim Hallen
Registered Environmental Assessor 08006

TABLE OF CONTENTS

COVER SHEET

TABLE OF CONTENTS

1. SITE LOCATION	1
2. SITE HISTORY	1
3. TANK REMOVAL	1
4. TANK AND SOIL CONDITION	2
5. TANK REMOVAL SAMPLING	2
6. TANK REMOVAL SAMPLE ANALYSIS	2
7. SITE RESTORATION	2
8. BACKFILL / SITE RESTORATION	3
9. FINDING / RECOMMENDATION	3

FIGURES

TABLE

ATTACHMENTS

1. SITE LOCATION

The subject property is a vacant lot located at 5812 Hollis Street between Powell Street and 59th Street in Emeryville, California. Figure 1 attached shows the general site location.

2. SITE HISTORY

One underground storage tank (UST) containing gasoline was located in a vacant lot at 5812 Hollis Street. The tank had a capacity of approximately 1,100 gallons, measuring approximately 12 feet in length by 4 feet in diameter, and was constructed of single wall bare steel. The fill port was located on the north end of the tank. The age of the tank is unknown. The owner had no knowledge of the tank nor is there any indication of previous site investigation activities. The approximate location of the tank as well as nearby streets is shown on the attached Figure 2.

3. TANK REMOVAL

In July 2010, Golden Gate Tank Removal, Inc. (GGTR) applied for and obtained permits from Alameda County Environmental Health Services (ACEHS) and the City of Emeryville Fire Department (CEFD). Copies of these documents are included as an attachment.

On August 3, 2010, GGTR mobilized its equipment and began work on the project. The overburden soil covering the tank was removed and placed in a covered stockpile adjacent to the tank excavation. Field measurements indicated that the bottom of the tank was 8 feet below grade (fbg). GGTR bench-shored the excavation to allow for safe entry to the excavation. Exposed piping was removed, drained and flushed for disposal.

As part of the removal operations, GGTR contracted Uniwaste Environmental to pump the residual product from the tank and piping into a tanker truck. GGTR then washed the interior of the tank with a 180-degree water under 3000-psi pressure. A non-toxic enzyme was used to break down thick oil deposits. After a third washing, Uniwaste Environmental removed the wash and rinse water from the tank and transported the Non- RCRA Hazardous Waste Liquid (600 gallons) under Uniform Hazardous Waste Manifest No. 007270566JJJ to the Clearwater Environmental facility in Silver Springs, Nevada. A copy of the liquid manifest is included as an attachment.

GGTR collected a sample of the rinsate water from the tank and submitted it to Accutest Laboratories (State Certification #08258) under a formal Chain-of-Custody protocol. The rinsate sample was analyzed for Total Petroleum Hydrocarbons Extractable as Gasoline (TPH-G), Motor Oil (TPH-MO) and as Diesel (THP-D) (Higher boiling gasoline compounds in Diesel range). The analytical results of the rinsate sample, in conjunction with a visual inspection and Title 22 Hazardous Waste Tank Closure Certification, were used for the disposal of the UST as non-hazardous scrap metal. The attached Table "Sampling Results Form" presents a summary of the analytical results. A copy of the laboratory certificate of analysis and chain of custody form is included as an attachment.

On August 4, 2010, as directed by Steven Plunkett of the ACEHS, GGTR removed the tank from the excavation. After a visual inspection, the tank was loaded into a truck and transported as scrap metal to Circosta Iron & Metal, Inc. in San Francisco, California. Copies of the Certificate of Disposal and Circosta Scrap Metal Recycling Receipt are attached. Figure 3 depicts photographs of the tank removal activities.

4. TANK AND SOIL CONDITION

The tank was found to be in poor condition with at least one visible hole. Soil discoloration and hydrocarbon odors were observed in the tank overburden soil and soil underlying the tank. The overburden soil and soil underlying the tank was predominantly clay. No groundwater was observed in the excavation during tank removal activities. Because of holes in the tank, an Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report was submitted to the ACEHS. A copy of this report is included as an attachment.

5. TANK REMOVAL SAMPLING

Immediately following tank removal activities, under the direction of Steven Plunkett, GGTR collected a composite soil sample from the stockpiled overburden soil, and was labeled 9164-SP(A-D)COMP. Additionally, discrete tank bottom samples were collected from the north and south ends of excavation at approximately 10 fbg, 2 feet below the former UST, and were labeled 9164-N-10 and 9164-S-10, respectively. All samples were transported to Accutest Laboratories (State Certification #08258) under the formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate soil sample locations.

6. OVER-EXCAVATION & CONFIRMATION SAMPLING

Following tank removal, as directed by Steven Plunkett of the ACEHS, GGTR over-excavated the pit bottom from approximately 8 to 10 fbg (2' below tank bottom). Following over-excavation, GGTR collected a composite sample from the stockpiled over-excavated material, and was labeled 9164-VC(A-D)COMP. GGTR collected two additional tank bottom samples beneath the north and south ends of the pit bottom at approximately 12 fbg, and were labeled 9164-N-12 and 9164-S-12, respectively. All samples were transported to Accutest Laboratories (State Certification #08258) under formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate soil samples locations.

7. TANK REMOVAL & CONFIRMATION SAMPLE ANALYSIS

The tank excavation and stockpile composite soil samples were analyzed for Total Petroleum Hydrocarbons Extractable as Diesel (THP-D) and Motor Oil (TPH-MO) w/ Silica Gel Cleanup by Method SW846 8015B M; Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), 1,2-Dibromoethane, 1,2-Dichloroethane, Di-Isopropyl ether, Ethyl alcohol, Ethyl tert-Butyl Ether, Methyl Tert Butyl Ether (MTBE), Tert-Amyl Methyl Ether, Tert Butyl Alcohol and Gasoline (TPH-G) by Method SW846 8260B; and Total Lead by Method SW6010B.

The discrete soil samples collected beneath the north and south ends of the UST cavity at 10 and 12 fbg contained non detectable concentrations of TPH-G, TPH-D, TPH-MO, BTEX and Fuel Oxygenates, except for the sample at 12 fbg (9164-N-12), which contained an insignificant concentration of TPH-MO (224 parts per million, ppm), well below its applicable California Regional Water Quality Control Board (CRWQCB) Environmental Screening Level (ESL; 5,000 ppm) for residential land usage. Detectable Total Lead concentrations ranging between 5.7 and 7.4 ppm were measured in the discrete samples collected below the former UST, and likely represent background lead concentrations in soil at the Site.

The composite sample collected from the stockpiled overburden contained 3.39 ppm TPH-G, 1,240 ppm TPH-MO, 78 ppm Total Lead, 1.9 ppm STLC Lead and was non-detect for all other constituents of concern.

The composite sample collected from the stockpiled over-excavated material contained 72.3 ppm TPH-G, 0.0805 ppm Toluene, 0.298 ppm Ethylbenzene, 1.59 ppm total Xylenes and 31 ppm Total Lead.

A summary of the analytical results is included in the Table "Sampling Results Form" and a copy of the laboratory certificates of analysis and chain of custody form is included as an attachment.

8. BACKFILL / SITE RESTORATION

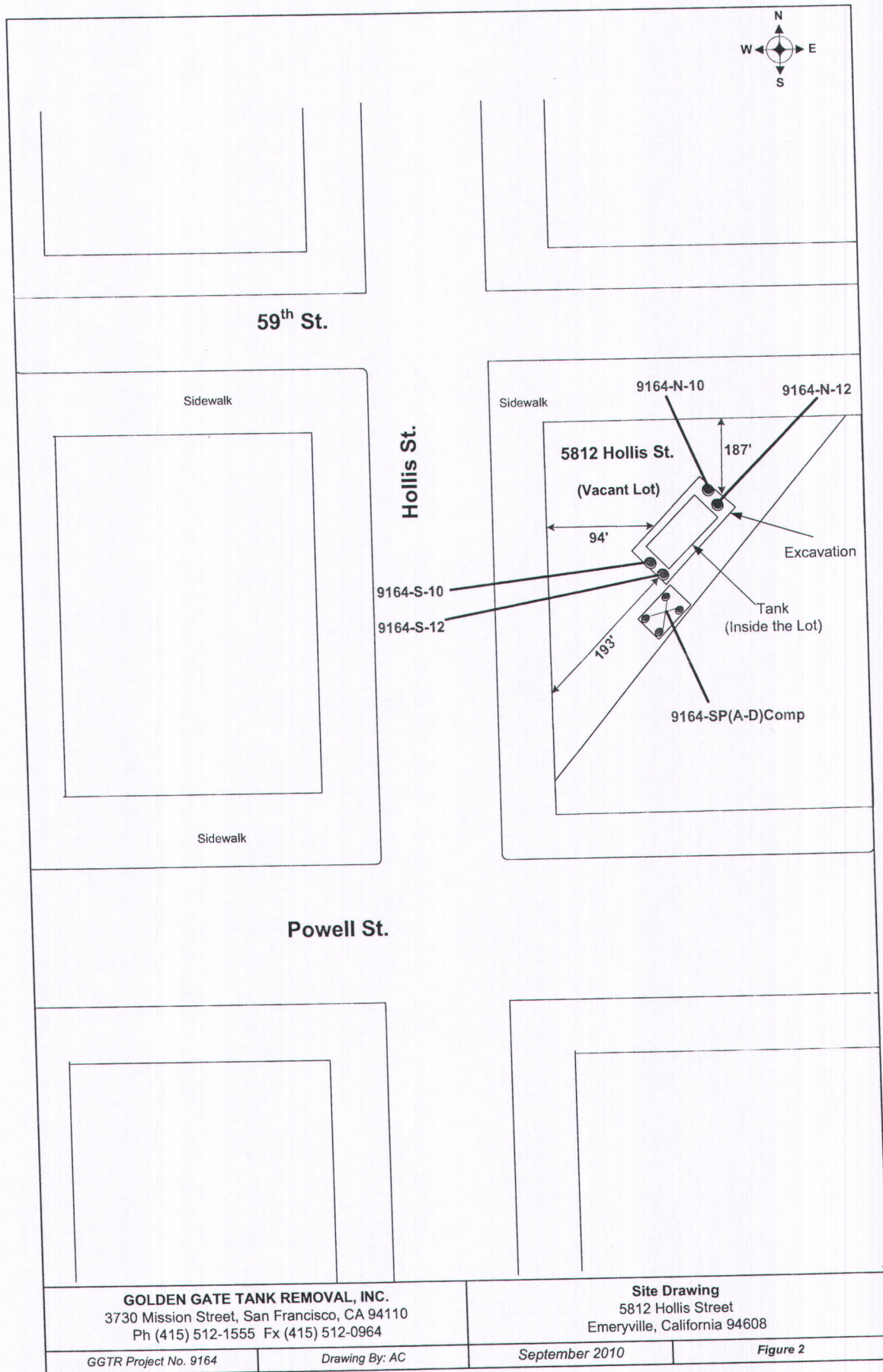
Per Treadwell and Rollo, the backfill of the excavation is to be completed by another company.

9. FINDINGS / RECOMMENDATION

One 1,100-gallon gasoline UST was removed and properly disposed at State-licensed recycling facility. Residual impacted soil underlying the UST was removed and stockpiled onsite. No groundwater was encountered during the UST removal and over-excavation activities. Discrete confirmation soil samples collected beneath each end of the UST were non-detectable or contained insignificant concentrations below applicable ESLs, not warranting additional work at the Site. Based on these findings, GGTR recommends that the Alameda County Environmental Health Services Agency initiate case closure review.

In the interim, GGTR recommends removal of the stockpiled soil from the site and subsequent disposal of the impacted soil at a State-licensed landfill facility. Soil waste manifest documentation will be submitted to the Alameda County Environmental Health Services Agency following disposal activities.

FIGURES





**UST READY TO BE REMOVED
FROM EXCAVATION**



TANK REMOVAL IN PROCESS



TANK READY TO BE TRANSPORTED FOR DISPOSAL

GOLDEN GATE TANK REMOVAL, INC.

3730 Mission Street
San Francisco, CA 94110
Ph (415) 512-1555 Fx (415) 512-0964

UST REMOVAL

5812 Hollis Street
Emeryville, CA 94608

GGTR Project No. 9164

Drawing By: AC

September 2010

Figure 3

TABLE

SAMPLING RESULTS FORM

Underground Storage Tank Site Address:

5812 Hollis Street, Emeryville, CA 94608

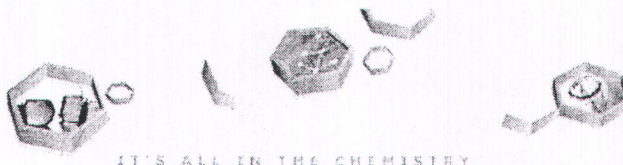
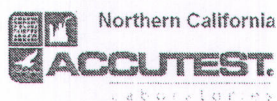
Business Site Name: Commercial (Vacant Lot)

Description Sample ID (Specify location; i.e., tank, pipe, stockpile) and number	Sample Depth (Indicate depth of sample from grade)	Media (soil/water)	Date (Date Sample was collected)	Soil Type (specify if sand, clay, fill, etc.)	Results expressed in parts per million (ppm)														
					TPH-GRO	TPH-D	TPH-MO	B	T	E	X	1,2-Dib	1,2-Dic	Di-IE	Ethyl alcohol	ETBE	MTBE	TAME	TBA
9164-SP(A-D)COMP (Stockpile)	Not Applicable	soil	8/4/2010	clay	3.39	ND<100	1240**	ND<0.250	ND<0.250	ND<0.250	ND<0.500	ND<0.250	ND<0.250	ND<0.250	ND<25	ND<0.250	ND<0.250	ND<0.250	ND<2.000
9164-VC(A-D)COMP (Stockpile)	Not Applicable	soil	8/4/2010	clay	72.3	ND<10	ND<20	ND<0.250	0.0805	0.298	1.59	ND<0.250	ND<0.250	ND<0.250	ND<25	ND<0.250	ND<0.250	ND<0.250	ND<2.000
9164-N-10 (Excavation)	10 feet	soil	8/4/2010	clay	ND<0.098	ND<10	ND<20	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.490	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.039
9164-N-12 (Excavation)	12 feet	soil	8/4/2010	clay	ND<0.098	ND<40	224**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.490	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.039
9164-S-10 (Excavation)	10 feet	soil	8/4/2010	clay	ND<0.098	ND<10	ND<20	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.490	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.039
9164-S-12 (Excavation)	12 feet	soil	8/4/2010	clay	ND<0.098	ND<10	ND<20	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0098	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.490	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.039
9164-R3 (Rinsate)	Not Applicable	Water	8/3/2010	N/A	942	0.451*	ND<0.19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TPH-D = Total Petroleum Hydrocarbons as Diesel
 TPH-GRO = Total Petroleum Hydrocarbons as Gasoline
 BTEX = Benzene, Toluene, Ethylbenzene, Xylene
 1,2-Dib = 1,2-Dibromoethane
 1,2-Dic = 1,2-Dichloroethane
 Di-IE = Di-Isopropyl Ether
 ETBE = Ethyl tert-Butyl Ether
 MTBE = Methyl-t-Butyl Ether
 TAME = Tert-Amyl Methyl Ether
 TBA = Tert Butyl Alcohol
 NA = Not Analyzed
 ND = Non-Detectable Results
 * = Higher boiling gasoline compounds in Diesel range
 ** = Estimate value due to multiple discrete peaks mixed with Motor Oil
 List of additional analytical results and detection limits on attached certified lab report

ATTACHMENTS

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



08/10/10

Technical Report for

Golden Gate Tank Removal

5812 Hollis Street-Emeryville, CA

9164

Accutest Job Number: C11991

Sampling Dates: 08/03/10 - 08/04/10



Report to:

Golden Gate Tank Removal
3730 Mission Street
San Francisco, CA 94110
Data@ggtr.com; j.alexander@ggtr.com

ATTN: Josh Alexander

Total number of pages in report: 24



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

Laurie Glantz-Murphy
Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Diane Theesen 408-588-0200

Certifications: CA (08258CA) DoD/ISO/IEC 17025:2005 (L2242)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	5
2.1: C11991-1: 9164-R3	6
2.2: C11991-6: 9164-SP(A-D)COMP	7
2.3: C11991-11: 9164-VC(A-D)COMP	8
2.4: C11991-12: 9164-N-10	9
2.5: C11991-13: 9164-N-12	10
2.6: C11991-14: 9164-S-10	11
2.7: C11991-15: 9164-S-12	12
Section 3: Misc. Forms	13
3.1: Chain of Custody	14
Section 4: GC/MS Volatiles - QC Data Summaries	16
4.1: Method Blank Summary	17
4.2: Blank Spike Summary	19
4.3: Matrix Spike/Matrix Spike Duplicate Summary	23

Sample Summary

Golden Gate Tank Removal

Job No: C11991

5812 Hollis Street-Emeryville, CA
Project No: 9164

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
C11991-1	08/03/10	12:30 JA	08/04/10	AQ	Ground Water	9164-R3
C11991-2	08/04/10	10:28 JA	08/04/10	SO	Soil	9164-SP(A)
C11991-3	08/04/10	10:28 JA	08/04/10	SO	Soil	9164-SP(B)
C11991-4	08/04/10	10:28 JA	08/04/10	SO	Soil	9164-SP(C)
C11991-5	08/04/10	10:28 JA	08/04/10	SO	Soil	9164-SP(D)
C11991-6	08/04/10	00:00 JA	08/04/10	SO	Soil	9164-SP(A-D)COMP
C11991-7	08/04/10	11:15 JA	08/04/10	SO	Soil	9164-VC(A)
C11991-8	08/04/10	11:15 JA	08/04/10	SO	Soil	9164-VC(B)
C11991-9	08/04/10	11:15 JA	08/04/10	SO	Soil	9164-VC(C)
C11991-10	08/04/10	11:15 JA	08/04/10	SO	Soil	9164-VC(D)
C11991-11	08/04/10	00:00 JA	08/04/10	SO	Soil	9164-VC(A-D)COMP
C11991-12	08/04/10	10:44 JA	08/04/10	SO	Soil	9164-N-10
C11991-13	08/04/10	11:24 JA	08/04/10	SO	Soil	9164-N-12

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



Sample Summary

(continued)

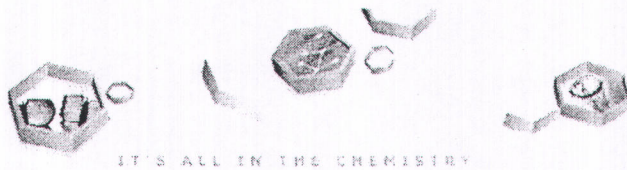
Golden Gate Tank Removal

Job No: C11991

5812 Hollis Street-Emeryville, CA
Project No: 9164

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
C11991-14	08/04/10	10:48 JA	08/04/10	SO Soil	9164-S-10
C11991-15	08/04/10	11:28 JA	08/04/10	SO Soil	9164-S-12

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



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID: 9164-R3
 Lab Sample ID: C11991-1
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: 5812 Hollis Street-Emeryville, CA

Date Sampled: 08/03/10
 Date Received: 08/04/10
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W14768.D	2	08/05/10	BD	n/a	n/a	VW519
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	942	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID:	9164-R3	Date Sampled:	08/03/10
Lab Sample ID:	C11991-1A	Date Received:	08/04/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8015B M SW846 3510C		
Project:	5812 Hollis Street-Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	GG16390.D	1	08/16/10	JH	08/12/10	OP2534	GGG492
Run #2							

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

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) ^b	0.451	0.094	0.047	mg/l	
	TPH (Motor Oil)	ND	0.19	0.094	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	71%		45-140%

- (a) Sample extracted beyond hold time. Client had the sample on hold.
 (b) Higher boiling gasoline compounds in Diesel range.

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: 9164-SP(A-D)COMP
 Lab Sample ID: C11991-6
 Matrix: SO - Soil
 Method: SW846 8260B
 Project: 5812 Hollis Street-Emeryville, CA

Date Sampled: 08/04/10
 Date Received: 08/04/10
 Percent Solids: n/a ^a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L1278.D	1	08/05/10	TF	n/a	n/a	VL47
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	75	ug/kg	
108-88-3	Toluene	ND	250	75	ug/kg	
100-41-4	Ethylbenzene	ND	250	75	ug/kg	
1330-20-7	Xylene (total)	ND	500	200	ug/kg	
106-93-4	1,2-Dibromoethane	ND	250	50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	250	75	ug/kg	
108-20-3	Di-Isopropyl ether	ND	250	75	ug/kg	
64-17-5	Ethyl alcohol	ND	25000	5000	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	250	75	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	250	50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	250	60	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	2000	500	ug/kg	
	TPH-GRO (C6-C10)	3390	5000	2500	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) All results reported on 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

Page 1 of 1

Client Sample ID: 9164-SP(A-D)COMP		Date Sampled: 08/04/10	
Lab Sample ID: C11991-6A		Date Received: 08/04/10	
Matrix: SO - Soil		Percent Solids: n/a ^a	
Method: SW846 8015B M SW846 3545A			
Project: 5812 Hollis Street-Emeryville, CA			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG16492.D	10	08/18/10	JH	08/13/10	OP2531	GGG494
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	100	50	mg/kg	
	TPH (Motor Oil) ^b	1240	200	100	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	106%		45-140%

(a) All results reported on wet weight basis.

(b) Estimate value due to multiple discrete peaks mixed with Motor Oil.

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

Page 1 of 1

Client Sample ID: 9164-SP(A-D)COMP

Lab Sample ID: C11991-6W

Matrix: SO - Soil

Date Sampled: 08/04/10

Date Received: 08/04/10

Percent Solids: n/a

Project: 5812 Hollis Street-Emeryville,CA

Metals Analysis, STLC Leachate CA WET

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	1.9		0.25	mg/l	1	08/13/10	08/17/10 RS	SW846 6010B ¹	SW3010A ²

(1) Instrument QC Batch: MA1372

(2) Prep QC Batch: MP2663

RL = Reporting Limit

MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID: 9164-VC(A-D)COMP
 Lab Sample ID: C11991-11
 Matrix: SO - Soil
 Method: SW846 8260B
 Project: 5812 Hollis Street-Emeryville, CA

Date Sampled: 08/04/10
 Date Received: 08/04/10
 Percent Solids: n/a ^a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L1279.D	1	08/05/10	TF	n/a	n/a	VL47
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	74	ug/kg	
108-88-3	Toluene	80.5	250	74	ug/kg	J
100-41-4	Ethylbenzene	298	250	74	ug/kg	
1330-20-7	Xylene (total)	1590	490	200	ug/kg	
106-93-4	1,2-Dibromoethane	ND	250	49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	250	74	ug/kg	
108-20-3	Di-Isopropyl ether	ND	250	74	ug/kg	
64-17-5	Ethyl alcohol	ND	25000	4900	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	250	74	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	250	49	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	250	59	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	2000	490	ug/kg	
	TPH-GRO (C6-C10)	72300	4900	2500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on 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

Page 1 of 1

Client Sample ID:	9164-VC(A-D)COMP	Date Sampled:	08/04/10
Lab Sample ID:	C11991-11A	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3545A		
Project:	5812 Hollis Street-Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH7801.D	1	08/13/10	JH	08/12/10	OP2531	GHH335
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	67%		45-140%

(a) All results reported on 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

Page 1 of 1

Client Sample ID: 9164-N-10		Date Sampled: 08/04/10	
Lab Sample ID: C11991-12		Date Received: 08/04/10	
Matrix: SO - Soil		Percent Solids: n/a ^a	
Method: SW846 8260B			
Project: 5812 Hollis Street-Emeryville, CA			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L1280.D	1	08/05/10	TF	n/a	n/a	VL47
Run #2							

Run #	Initial Weight
Run #1	5.10 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.9	0.98	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.9	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	490	98	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on 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

Page 1 of 1

Client Sample ID:	9164-N-10	Date Sampled:	08/04/10
Lab Sample ID:	C11991-12A	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3545A		
Project:	5812 Hollis Street-Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH7802.D	1	08/13/10	JH	08/12/10	OP2531	GHH335
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		45-140%

(a) All results reported on 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

Page 1 of 1

Client Sample ID: 9164-N-12		Date Sampled: 08/04/10	
Lab Sample ID: C11991-13		Date Received: 08/04/10	
Matrix: SO - Soil		Percent Solids: n/a ^a	
Method: SW846 8260B			
Project: 5812 Hollis Street-Emeryville, CA			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L1281.D	1	08/05/10	TF	n/a	n/a	VL47
Run #2							

Run #	Initial Weight
Run #1	5.10 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.9	0.98	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.9	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	490	98	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on 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

Page 1 of 1

Client Sample ID:	9164-N-12	Date Sampled:	08/04/10
Lab Sample ID:	C11991-13A	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3545A		
Project:	5812 Hollis Street-Emeryville,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG16493.D	4	08/18/10	JH	08/12/10	OP2531	GGG494
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	40	20	mg/kg	
	TPH (Motor Oil) ^b	224	80	40	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	98%		45-140%

(a) All results reported on wet weight basis.

(b) Estimate value due to multiple discrete peaks mixed with Motor Oil.

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

Page 1 of 1

Client Sample ID:	9164-S-10	Date Sampled:	08/04/10
Lab Sample ID:	C11991-14	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	5812 Hollis Street-Emeryville, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L1282.D	1	08/05/10	TF	n/a	n/a	VL47
Run #2							

Run #	Initial Weight
Run #1	5.10 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.9	0.98	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.9	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	490	98	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on 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

Page 1 of 1

Client Sample ID:	9164-S-10	Date Sampled:	08/04/10
Lab Sample ID:	C11991-14A	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3545A		
Project:	5812 Hollis Street-Emeryville, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH7803.D	1	08/13/10	JH	08/12/10	OP2531	GHH335
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	65%		45-140%

(a) All results reported on 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

Page 1 of 1

Client Sample ID:	9164-S-12	Date Sampled:	08/04/10
Lab Sample ID:	C11991-15	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	5812 Hollis Street-Emeryville, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L1283.D	1	08/05/10	TF	n/a	n/a	VL47
Run #2							

Run #	Initial Weight
Run #1	5.10 g
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.9	0.98	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.9	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	4.9	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	490	98	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	4.9	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	4.9	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	39	9.8	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on 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

Page 1 of 1

Client Sample ID: 9164-S-12
 Lab Sample ID: C11991-15A
 Matrix: SO - Soil
 Method: SW846 8015B M SW846 3545A
 Project: 5812 Hollis Street-Emeryville, CA

Date Sampled: 08/04/10
 Date Received: 08/04/10
 Percent Solids: n/a ^a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH7804.D	1	08/13/10	JH	08/12/10	OP2531	GHH335
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

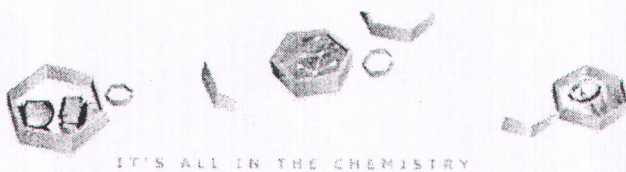
CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	64%		45-140%

(a) All results reported on 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

GGTRCASE2913¹¹

[illegible]

C11991: Chain of Custody

Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List

Job#: C11991
Sample Control Rep. Initial: EK/jm

Review Chain of Custody Chain of Custody is to be complete and legible.

- ☒ Are these regulatory (NPDES) samples? ~~GWA~~ Yes / No
☒ Is pH requested? Yes / No
☒ Was Client informed that hold time is 15 min? Yes / No Continue Yes / No
☒ Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No
☒ Are sample within hold time? Yes / No
 Are sample in danger of exceeding hold-time Yes / No
☒ Existing Client? Yes / No Existing Project? Yes / No
 If No: Is Report to info complete and legible, including;
☒ deliverable ☒ Name ☒ Address ☒ phone ☒ e-mail
 Is Bill to info complete and legible, including;
☐ PO# ☐ Credit card ☐ Contact address ☐ phone ☐ e-mail
 Is Contact and/or Project Manager identified, including;
☒ phone ☒ e-mail
☒ Project name / number ☐ Special requirements? Yes / No
☒ Sample IDs / date & time of collection provided? Yes / No
☒ Is Matrix listed and correct? Yes / No
☒ Analyses listed we do or client has authorized a subcontract? Yes / No
☒ Chain is signed and dated by both client and sample custodian? Yes / No
☒ TAT requested available? Yes / No Approved by PM

Review Coolers:

- ✓ Were Coolers temperatures measured at ≤6°C? Cooler # 1 Temp 4.3 °C
- If cooler is outside the ≤6°C; note down below the affected bottles in that cooler
 - Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)
- ✓ Shipment Received Method AC
- ✓ Custody Seals: Present: Yes / No If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

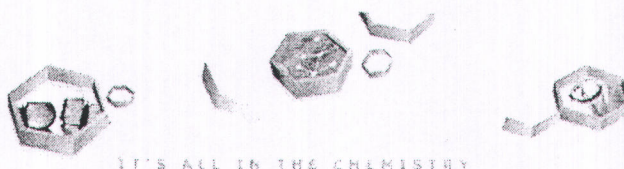
- ✓ Chain matches bottle labels? Yes / No ✓ Sample bottle intact? Yes / No
 ✓ Is there enough sample volume in proper bottle for requested analyses? Yes / No
 ✓ Proper Preservatives? Yes / No Check pH on preserved samples except 1664,
 625, 8270 and VOAs
 ✓ Headspace-VOAs? Greater than 6mm in diameter Yes / No
 List sample ID and affected container

[illegible]

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Anc-srv-file1\dd\Entech-Data\laboratory\SOPs\SOP_CompleteListing\SC001F1_1_Form1_SampleControl_SampleReceivingChecklist_2010-02-15.doc

C11991: 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

Page 1 of 1

Job Number: C11991

Account: GGTRCASF Golden Gate Tank Removal

Project: 5812 Hollis Street-Emerystown, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL47-MB	L1268.D	1	08/05/10	TF	n/a	n/a	VL47

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-6, C11991-11, C11991-12, C11991-13, C11991-14, C11991-15

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	100	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	93% 60-130%
2037-26-5	Toluene-D8	95% 60-130%
460-00-4	4-Bromofluorobenzene	97% 60-130%

Method Blank Summary

Page 1 of 1

Job Number: C11991

Account: GGTRCASF Golden Gate Tank Removal

Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW519-MB	W14763.D	1	08/05/10	BD	n/a	n/a	VW519

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%



C11991

18 of 24

ACCUTEST

Blank Spike Summary

Page 1 of 1

Job Number: C11991

Account: GGTRCASF Golden Gate Tank Removal

Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW519-BS	W14760.D	1	08/05/10	BD	n/a	n/a	VW519

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
---------	----------	---------------	-------------	----------	--------

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Page 1 of 1

Job Number: C11991

Account: GGTRCASF Golden Gate Tank Removal

Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL47-BS	L1269.D	1	08/05/10	TF	n/a	n/a	VL47

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-6, C11991-11, C11991-12, C11991-13, C11991-14, C11991-15

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	40	36.4	91	60-130
106-93-4	1,2-Dibromoethane	40	39.1	98	60-130
107-06-2	1,2-Dichloroethane	40	38.3	96	60-130
108-20-3	Di-Isopropyl ether	40	33.1	83	60-130
64-17-5	Ethyl alcohol	800	876	110	60-130
100-41-4	Ethylbenzene	40	38.0	95	60-130
637-92-3	Ethyl tert-Butyl Ether	40	37.0	93	60-130
1634-04-4	Methyl Tert Butyl Ether	40	36.5	91	60-130
994-05-8	Tert-Amyl Methyl Ether	40	37.9	95	60-130
75-65-0	Tert Butyl Alcohol	200	197	99	60-130
108-88-3	Toluene	40	36.0	90	60-130
1330-20-7	Xylene (total)	120	113	94	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	94%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike Summary

Page 1 of 1

Job Number: C11991
Account: GGTRCASF Golden Gate Tank Removal
Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW519-BS	W14762.D	1	08/05/10	BD	n/a	n/a	VW519

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	120	96	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	98%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Page 1 of 1

Job Number: C11991

Account: GGTRCASF Golden Gate Tank Removal

Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL47-BS	L1271.D	1	08/05/10	TF	n/a	n/a	VL47

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-6, C11991-11, C11991-12, C11991-13, C11991-14, C11991-15

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	214	86	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	60-130%
2037-26-5	Toluene-D8	96%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: C11991

Account: GGTRCASF Golden Gate Tank Removal

Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C11990-1MS	L1284.D	1	08/05/10	TF	n/a	n/a	VL47
C11990-1MSD	L1285.D	1	08/05/10	TF	n/a	n/a	VL47
C11990-1	L1274.D	1	08/05/10	TF	n/a	n/a	VL47

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-6, C11991-11, C11991-12, C11991-13, C11991-14, C11991-15

CAS No.	Compound	C11990-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		40	36.1	90	35.7	89	1	60-130/30
106-93-4	1,2-Dibromoethane	ND		40	42.0	105	41.1	103	2	60-130/30
107-06-2	1,2-Dichloroethane	ND		40	40.6	102	40.1	100	1	60-130/30
108-20-3	Di-Isopropyl ether	ND		40	32.7	82	33.2	83	2	60-130/30
64-17-5	Ethyl alcohol	ND		800	1090	136* a	1160	145* a	6	60-130/30
100-41-4	Ethylbenzene	ND		40	37.6	94	36.3	91	4	60-130/30
637-92-3	Ethyl tert-Butyl Ether	ND		40	37.0	93	37.7	94	2	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		40	37.9	95	38.3	96	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	ND		40	38.8	97	38.6	97	1	60-130/30
75-65-0	Tert Butyl Alcohol	ND		200	244	122	254	127	4	60-130/30
108-88-3	Toluene	ND		40	36.4	91	35.2	88	3	60-130/30
1330-20-7	Xylene (total)	ND		120	112	93	108	90	4	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C11990-1	Limits
1868-53-7	Dibromofluoromethane	98%	98%	95%	60-130%
2037-26-5	Toluene-D8	95%	93%	95%	60-130%
460-00-4	4-Bromofluorobenzene	101%	100%	99%	60-130%

(a) Outside laboratory control limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: C11991
Account: GGTRCASF Golden Gate Tank Removal
Project: 5812 Hollis Street-Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C11987-5MS	W14780.D	1	08/05/10	BD	n/a	n/a	VW519
C11987-5MSD	W14781.D	1	08/05/10	BD	n/a	n/a	VW519
C11987-5	W14773.D	1	08/05/10	BD	n/a	n/a	VW519

The QC reported here applies to the following samples:

Method: SW846 8260B

C11991-1

CAS No.	Compound	C11987-5 ug/l	Spike Q	ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
---------	----------	------------------	------------	------	------------	---------	-------------	----------	-----	-------------------

CAS No.	Surrogate Recoveries	MS	MSD	C11987-5	Limits
1868-53-7	Dibromofluoromethane	100%	99%	96%	60-130%
2037-26-5	Toluene-D8	99%	98%	100%	60-130%
460-00-4	4-Bromofluorobenzene	100%	99%	97%	60-130%

Technical Report for

Golden Gate Tank Removal

5812 Hollis Street-Emeryville, CA

9164

Accutest Job Number: C11991X

Sampling Date: 08/04/10


Report to:

Golden Gate Tank Removal
3730 Mission Street
San Francisco, CA 94110
Data@ggtr.com; j.alexander@ggtr.com
ATTN: Josh Alexander

Total number of pages in report:



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


Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Diane Theesen 408-588-0200

Certifications: CA (08258CA) DoD/ISO/IEC 17025:2005 (L2242)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Sample Summary

Golden Gate Tank Removal

Job No: C11991X

5812 Hollis Street-Emeryville, CA

Project No: 9164

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
C11991-6X	08/04/10	00:00 JA	08/04/10	SO Soil	9164-SP(A-D)COMP
C11991-11X	08/04/10	00:00 JA	08/04/10	SO Soil	9164-VC(A-D)COMP
C11991-12X	08/04/10	10:44 JA	08/04/10	SO Soil	9164-N-10
C11991-13X	08/04/10	11:24 JA	08/04/10	SO Soil	9164-N-12
C11991-14X	08/04/10	10:48 JA	08/04/10	SO Soil	9164-S-10
C11991-15X	08/04/10	11:28 JA	08/04/10	SO Soil	9164-S-12

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



Northern California

ACCUTEST

Laboratories

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131

(408) 588-0200 FAX: (408) 588-0201

"GGTRCASE2913"

FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest NC Job #: C 01991	
Client / Reporting Information		Project Information	
Company Name: Golden Gate Tank Removal		Project Name:	
Address: 3730 Mission St.		Street: 5812 Hollis St.	
City: San Francisco, CA 94114		City: Emeryville, CA	
Project Contact: Joshua Alexander		Project #: 9164	
Phone #: 415-512-1555		EMAIL: j.alexander@ggtr.com	
Samplers Name: Joshua Alexander		Client Purchase Order #	
Accutest Sample ID		Collection	
Sample ID / Field Point / Point of Collection		Date Time Sampled by Matrix # of bottles	
9164-R3		8/3/10 12:30 PM RVEH W 4	
9164-SP(A-D)		8/4/10 10:28 AM JOSH S 4	
9164-VC(A-D)		8/4/10 11:15 AM JOSH S 4	
9164-N-10		8/4/10 10:44 AM JOSH S 1	
9164-N-12		8/4/10 11:24 AM JOSH S 1	
9164-S-10		8/4/10 0:40 PM JOSH S 1	
9164-S-12		8/4/10 11:28 AM JOSH S 1	
Turnaround Time (Business days)		Data Deliverable Information	
<input type="checkbox"/> Standard TAT 15 Business Days <input type="checkbox"/> 10 Day (Workload dependent) <input type="checkbox"/> 5 Day (Workload dependent) <input type="checkbox"/> 3 Day (125% markup) <input type="checkbox"/> 2 Day (150% markup) <input type="checkbox"/> 1 Day (200% markup) <input type="checkbox"/> Same Day (300% markup)		<input type="checkbox"/> Commercial "A" - Results only <input checked="" type="checkbox"/> Commercial "B" - Results with QC summaries <input type="checkbox"/> Commercial "B+" - Results, QC, and chromatograms <input type="checkbox"/> FULL1 - Level 4 data package <input type="checkbox"/> EDF for Geotracker <input type="checkbox"/> EDD Format Provide EDF Global ID: _____ Provide EDF Logcode: _____	
Emergency T/A data available VIA Lablink		Comments / Remarks	
Sample Custody must be documented below each time samples change possession, including courier delivery.		3 vials each (10/HA) + 1 xilit Amber NIP	
Relinquished by Sampler:		(2"x3") Brass Tubes (x12)	
1 Relinquished by: [Signature]		Date Time: 8/4/10 12:44 PM	
2 Relinquished by:		Received By: [Signature]	
3 Relinquished by:		Date Time: 08/04/10	
4 Relinquished by:		Received By:	
5 Relinquished by:		Date Time:	
Custody Seal #		Appropriate Bottle / Pres Y/N	
Labels match Coc Y/N		Headspace Y/N	
Separate Receipt Log Y/N		On Ice Y/N	
Cooler Temp. 4.4 - 0.1 = 4.3 °C			

Job#: C11991
Sample Control Rep. Initial: EK/jm

☒ Are these regulatory (NPDES) samples? ~~CWA~~ Yes / No
☒ Is pH requested? Yes / No

Was Client informed that hold time is 15 min? Yes / No Continue Yes / No

Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No

☒ Are sample within hold time? Yes / No

Are sample in danger of exceeding hold-time Yes / No ☒ No

☒ Existing Client? Yes / No Existing Project? Yes / No

If No: Is Report to info complete and legible, including;

☒ deliverable ☒ Name ☒ Address ☒ phone ☒ e-mail

Is Bill to info complete and legible, including;

☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail

Is Contact and/or Project Manager identified, including;

☒ phone ☒ e-mail

☒ Project name / number ☐ Special requirements? Yes / No

☒ Sample IDs / date & time of collection provided? Yes/ No

☒ Is Matrix listed and correct? Yes/No

☒ Analyses listed we do or client has authorized a subcontract? Yes / No

☒ Chain is signed and dated by both client and sample custodian? Yes / No

Is TAT requested available? Yes / No Approved by pm

Were Coolers temperatures measured at $\leq 6^{\circ}\text{C}$? Cooler # 1 Temp 4.3 $^{\circ}\text{C}$

- If cooler is outside the $\leq 6^{\circ}\text{C}$; note down below the affected bottles in that cooler
- Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

✓ Shipment Received Method AC

<input checked="" type="checkbox"/> Custody Seals:	Present:	Yes / No	If Yes; Unbroken:	Yes / No
--	----------	----------	-------------------	----------

☒ Chain matches bottle labels? Yes / No ☒ Sample bottle intact? Yes / No

✓ Is there enough sample volume in proper bottle for requested analyses? Yes / No

☒ Proper Preservatives? Yes / No Check pH on preserved samples except 1664, 625, 8270 and VOAs

✓ Headspace-VOAs? Greater than 6mm in diameter Yes / No
List sample ID and affected container

[illegible]

\\Anc-srv-file1\1d\$\Entech-Data\Laboratory\SOPs\SOP_Complete\Listing\SC001F1_1_Form1__SampleControl_SampleReceivingChecklist_2010-02-15.doc

Subcontract Data

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mcccampbell.com E-mail: main@mcccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

Accutest Laboratories 2105 Lundy Ave San Jose, CA 95131	Client Project ID: #GGTRCASF2913	Date Sampled: 08/04/10
		Date Received: 08/05/10
	Client Contact: Diane Theesen	Date Reported: 08/06/10
	Client P.O.: #C11991	Date Completed: 08/06/10

WorkOrder: 1008136

August 06, 2010

Dear Diane:

Enclosed within are:

- 1) The results of the 6 analyzed samples from your project: #GGTRCASF2913,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

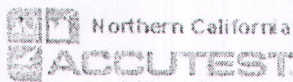
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



1008136

Accutest ID and PO#: C11991

2165 Lindy Avenue, San Jose, CA 95131 Phone : (408)588-0200 Fax: (408)588-0201

Subcontract Chain of Custody

Subcontract Lab: McCampbell Analytical

Date Sent: 08/05/10

Date Due: 08/10/10

Project Name: GGTRCASE2913

Project Location:

Accutest Lab Number	Customer Sample Name/Field Point ID	Matrix	Method	Collect Date	Collect Time
C11991-6		Soil	Lead (6010)	08/04/10	10:28
C11991-11		Soil	Lead (6010)	08/04/10	11:15
C11991-12		Soil	Lead (6010)	08/04/10	10:44
C11991-13		Soil	Lead (6010)	08/04/10	11:24
C11991-14		Soil	Lead (6010)	08/04/10	10:40
C11991-15		Soil	Lead (6010)	08/04/10	11:28

Comments: Report Due: 08/10/10.

* C11991-6 * & * C11991-11 * composited (4:1) @ Accutest.

Relinquished By: EKumar	Received By: Dark Ant	Date: 08/05/10	Time: 12:45
Relinquished By: Dark Ant	Received By: McCampbell	Date: 8-5-10	Time: 15:10

48
GOOD CONDITION ☒ APPROPRIATE
HEAD SPACE ADEQUATE ☒ CONTAINERS
DECLORINATED IN LAB ☒ PRESERVED IN LAB
ACAS (CALIF) METHODS COVERED

Send the Report to: dianet@accutest.com

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 1008136

ClientCode: EALY

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ Excel

☐ Fax

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

Report to:

Diane Theesen
Accutest Laboratories
2105 Lundy Ave
San Jose, CA 95131
(408) 588-0200 FAX (408) 588-0201

Email: dianet@accutest.com
cc:
PO: #C11991
ProjectNo: #GGTRCAS2913

Bill to:

Accounts Payable
Accutest Laboratories
2235 Route 130
Dayton, NJ 08810
laural@accutest.com

Requested TAT: 3 days

Date Received: 08/05/2010

Date Printed: 08/05/2010

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
1008136-001	C11991-6	Soil	8/4/2010 10:28	<input type="checkbox"/>	A											
1008136-002	C11991-11	Soil	8/4/2010 11:15	<input type="checkbox"/>	A											
1008136-003	C11991-12	Soil	8/4/2010 10:44	<input type="checkbox"/>	A											
1008136-004	C11991-13	Soil	8/4/2010 11:24	<input type="checkbox"/>	A											
1008136-005	C11991-14	Soil	8/4/2010 10:40	<input type="checkbox"/>	A											
1008136-006	C11991-15	Soil	8/4/2010 11:28	<input type="checkbox"/>	A											

Test Legend:

1	PB_S
6	
11	

2	
7	
12	

3	
8	

4	
9	

5	
10	

Prepared by: Melissa Valles

Comments:

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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Accutest Laboratories**

Project Name: **#GGTRCASF2913**

WorkOrder N°: **1008136** Matrix Soil

Date and Time Received: **8/5/2010 6:18:20 PM**

Checklist completed and reviewed by: **Melissa Valles**

Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sampler's name noted on COC?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature	Cooler Temp: 4.8°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Metal - pH acceptable upon receipt (pH<2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

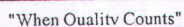
* NOTE: If the "No" box is checked, see comments below.

Client contacted:

Date contacted:

Contacted by:

Comments:



1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

San Jose, CA 95131

Client P.O.: #C11991

Date Analyzed: 08/06/10

Extraction method: SW3050B

Analytical methods: SW6010B

Work Order: 1008136

DF = Dilution Factor

 Angela Rydelius, Lab Manager

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701

Web: www.mccampbell.com E-mail: main@mccampbell.com

Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 1008136

EPA Method SW6010B			Extraction SW3050B			BatchID: 52332			Spiked Sample ID: 1008136-006A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	5.7	50	109	113	2.77	10	78.7	80.4	2.17	75 - 125	25	75 - 125	25
%SS:	115	250	98	98	0	250	118	98	18.7	70 - 130	20	70 - 130	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE													

BATCH 52332 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1008136-001A	08/04/10 10:28 AM	08/05/10	08/06/10 1:23 PM	1008136-002A	08/04/10 11:15 AM	08/05/10	08/06/10 1:26 PM
1008136-003A	08/04/10 10:44 AM	08/05/10	08/06/10 1:29 PM	1008136-004A	08/04/10 11:24 AM	08/05/10	08/06/10 1:37 PM
1008136-005A	08/04/10 10:40 AM	08/05/10	08/06/10 1:40 PM	1008136-006A	08/04/10 11:28 AM	08/05/10	08/06/10 12:44 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

 $\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

CITY OF EMERYVILLE FIRE DEPARTMENT 6303 HOLLIS STREET EMERYVILLE, CA., 94608 (510) 596-3750 3759	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> FIRE DEPARTMENT USE ONLY </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> FPB-5812-710 <small>(PERMIT NUMBER)</small> </div>
APPLICATION AND PERMIT	Application Received : Date: <u>7/29/10</u> Signed: <u>SW</u> Permit Issued: Date: <u>7/29/10</u> Signed: <u>SW</u> EFD Permit Type(s) : (see reverse) Expiration Date :
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> THIS APPLICATION IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED, VALIDATED AND FEES PAID. </div> ADDRESS: <u>5812 Hollis St.</u> BUSINESS NAME: <u>Golden Gate Tank Removal</u> CONTACT PERSON : TELEPHONE NUMBER: <u>(415) 512-1555</u>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> TOTAL FEES DUE: \$125.00 </div> MAKE CHECK PAYABLE TO THE CITY OF EMERYVILLE. FEES ARE ESTABLISHED THRU THE CITY OF EMERYVILLE MASTER FEE SCHEDULE ADOPTED JUNE 1, 1993. COPY AVAILABLE ON REQUEST.
DESCRIPTION OF OPERATION: <u>remove one (1) UG ST (est. 1,000 gal capacity)</u>	Occupancy Group/Division: (per UBC Table 5A)
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> APPLICANT READ AND SIGN BELOW: </div> I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS THAT RELATE TO THIS PERMIT. I HEREBY AUTHORIZE REPRESENTATIVES OF THE CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY TO VERIFY COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT, AT ANY REASONABLE TIME. <input type="checkbox"/> Building Owner : _____ <input type="checkbox"/> Business Operator : _____ Date of Application : _____	OCCUPANCY TYPE: Commercial <input type="checkbox"/> Assembly <input type="checkbox"/> Industrial <input type="checkbox"/> Educational <input type="checkbox"/> Residential <input type="checkbox"/> H-class <input type="checkbox"/> Other <input type="checkbox"/> Specify: _____ _____ _____
THIS PERMIT MUST BE AVAILABLE FOR INSPECTION AT ALL TIMES	

REVOCATION OF PERMIT

THE CHIEF IS AUTHORIZED TO SUSPEND/REVOKE A PERMIT WHEN THE CHIEF HAS
 DETERMINED THAT SECTION ~~4.107.1991~~ UFC HAS BEEN VIOLATED.

POSTING OF PERMIT

PERMIT(S) SHALL BE KEPT ON THE PREMISES DESIGNATED AT ALL TIMES AND
 SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME BY ANY PERSON(S) WHO
 ARE AUTHORIZED BY THE CHIEF OF THE EMERYVILLE FIRE DEPARTMENT.

DATE	INSPECTION NOTES/COMMENTS	INSPECTOR
7/29/10	Fees paid. Application signed Permit issued PENDING receipt/proof of Approved Closure Plan from ACDEH check # 23685	SW



CERTIFICATE OF DISPOSAL

DATE: August 3, 2010
PROJECT NUMBER: 9164
PROJECT ADDRESS: 5812 Hollis Street, Emeryville, CA 94608
TANK SIZE: 1100 gallons
ORIGINAL TANK CONTENTS: Gasoline

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

- This tank was cleaned by triple rinsing. The rinsate was sampled and analyzed for Total Petroleum Hydrocarbons and found to be below the City of Emeryville limit of 100 parts per million 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 Emeryville and County of Alameda as an appropriate disposal method.

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

Golden Gate Tank Removal, Inc.

CIRCOSTA IRON AND METAL, INC.

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

BUY NUMBER

333903

CUSTOMER GOLDEN GATE TANK

ADDRESS _____

LICENSE NO. _____

DRIVER'S LIC. NO. _____

JOB NO. _____

TIME IN _____

DATE: 8/4/00

24720 LB

LBS.
GROSS

23600 LB

LBS.
TARE

1120

LBS.
NET

LBS.
DEDUCTION

PAID

TIME AUG 04 2010

BY: _____

#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 \$ 170.00

AMOUNT \$ 9520

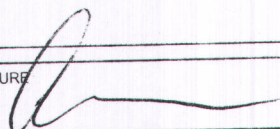
COMMENTS: _____

X Julian [Signature]
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.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number C A C 0 0 2 6 5 5 8 6 3	2. Page 1 of 1	3. Emergency Response Phone (510)476-1740	4. Manifest Tracking Number 007270566 JJK			
5. Generator's Name and Mailing Address EMERY STATION TRIANGLE 2 LLC 1120 NYE ST STE 400 SOMERVILLE CA 94901			Generator's Site Address (if different than mailing address) 5812 HOLLIS ST EMERYVILLE CA 94608					
6. Transporter 1 Company Name UNI WASTE			U.S. EPA ID Number C A T 0 0 0 3 1 7 3 2 0					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address CLEARWATER ENVIRONMENTAL 2430 ALMOND DRIVE SILVER SPRINGS NV 89429			U.S. EPA ID Number N V D 9 8 2 3 5 8 4 8 3					
9a. HM			9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.		NON RCRA HAZARDOUS WASTE LIQUID (DIESEL & WATER)		001	TT	600	G	223
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information WEAR PPE, ERG # 171								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name Reuben Limon			Signature Reuben Limon			Month Day Year 08/03/10		
16. International Shipments <input type="checkbox"/> Import to U.S. Transporter signature (for exports only):			<input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Tony Figueroa			Signature Tony Figueroa			Month Day Year 08/03/10		
Transporter 2 Printed/Typed Name			Signature			Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
18b. Alternate Facility (or Generator)						Manifest Reference Number: U.S. EPA ID Number		
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		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		

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

EMERGENCY <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> Yes <input type="checkbox"/> No		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 PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE 8/4/10		CASE #		SIGNED _____ DATE _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Annette Chen		PHONE (415) 512-1555		SIGNATURE 
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OWNER/OPERATOR <input checked="" type="checkbox"/> OTHER... contractor		COMPANY OR AGENCY NAME Golden Gate Tank Removal, Inc.		
RESPONSIBLE PARTY	ADDRESS 3730 Mission Street		San Francisco		STATE CA ZIP 94110
	NAME Emery Station Triangle II, L.L.C - Geoffrey Sears (care of) <input type="checkbox"/> Unknown				PHONE 415-457-4964
SITE LOCATION	ADDRESS 1120 Nye Street, Suite 400		San Rafael		STATE CA ZIP 94901
	FACILITY NAME (IF APPLICABLE)		OPERATOR		PHONE
	ADDRESS 5812 Hollis Street		Emeryville		STATE Alameda ZIP 94608
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Department of Environmental Health -Steven Plunkett				PHONE (510)337-9335
	REGIONAL BOARD				PHONE
SUBSTANCES INVOLVED	(1) NAME Gasoline				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> Unknown
	(2)				<input type="checkbox"/> Unknown
DISCOVERY/ABATEMENT	DATE DISCOVERED 8/4/10		HOW DISCOVERED <input type="checkbox"/> Tank Test <input checked="" type="checkbox"/> Tank Removal <input type="checkbox"/> Nuisance Conditions <input type="checkbox"/> Inventory Control <input type="checkbox"/> Subsurface Monitoring <input type="checkbox"/> Other...		
	DATE DISCHARGE BEGAN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> Unknown <input checked="" type="checkbox"/> Remove Contents <input checked="" type="checkbox"/> Close Tank & Removed <input type="checkbox"/> Repair Tank <input type="checkbox"/> Change Procedure <input type="checkbox"/> Replace Tank <input type="checkbox"/> Other... <input type="checkbox"/> Repair Piping		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 8/4/10 <small>IF YES, DATE</small>				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> Tank Leak <input type="checkbox"/> Piping Leak <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other...		CAUSE(S) <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Rupture/Failure <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Spill <input type="checkbox"/> Other...		
CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> Undetermined <input type="checkbox"/> Soil Only <input type="checkbox"/> Groundwater <input type="checkbox"/> Drinking Water - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> No Action Taken <input type="checkbox"/> Case Closed (Cleanup Completed or Unnecessary) <input type="checkbox"/> Leak Being Confirmed <input type="checkbox"/> Pollution Characterization <input type="checkbox"/> Remediation Plan <input type="checkbox"/> Post Cleanup Monitoring in Progress <input type="checkbox"/> Preliminary Site Assessment Workplan Submitted <input type="checkbox"/> Cleanup Underway <input type="checkbox"/> Preliminary Site Assessment Underway				
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> Cap Site (CD) <input type="checkbox"/> Excavate & Treat (ET) <input type="checkbox"/> Treatment at Hookup (HU) <input type="checkbox"/> Other... <input type="checkbox"/> Contamination Barrier (CB) <input type="checkbox"/> No Action Required (NA) <input type="checkbox"/> Enhanced Bio Degradation (IT) <input type="checkbox"/> Vacuum Extract (VE) <input type="checkbox"/> Remove Free Product (FP) <input type="checkbox"/> Replace Supply (RS) <input type="checkbox"/> Excavate & Dispose (ED) <input type="checkbox"/> Pump & Treat Groundwater (GT) <input type="checkbox"/> Vent Soil (VS)				
COMMENTS	Holes found in the tank.				

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 ENVIRONMENTAL HEALTH SERVICES
 1131 HARBOR BAY PARKWAY, RM 250
 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 reviewed and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your original plan indicated by this Department are to assure compliance with State and local laws. The project proposed herein is not 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 employees involved with the removal.

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Department of 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 Building and Piping
- Sampling
- Final Inspection

Issuance of all permits to operate is contingent upon the above plan closure, is dependent on completion of the required plan and all applicable laws and regulations.

THIS IS A FINAL PLAN FOR NOT CONTAINING FUEL REMOVAL

Control Operator



Steven Plunkett
 510 383-1767

See Table 2 enclosed for sample analysis for unknown fuel

AUG 3 2010

UNDERGROUND TANK CLOSURE PLAN

* * * Complete plan according to attached instructions * * *

1. Name of Business Golden Gate Tank Removal, Inc.
 Business Owner or Contact Person (PRINT) Joshua Alexander
2. Site Address 5812 Hollis Street
 City Emeryville Zip 94608 Phone (415)457-4964
3. Mailing Address 3730 Mission Street
 City San Francisco Zip 94110 Phone (415) 512-1555
4. Property Owner Emery Station Triangle II, LLC - Geoffrey Sears (care of)
 Business Name (if applicable) _____
 Address 1120 Nye Street, Suite 400
 City, State San Rafael CA Zip 94901
5. Generator name under which tank will be manifested
Emery Station Triangle II, LLC
 EPA ID# under which tank will be manifested CAC 002655863

SR0017311

8/3/10

6. Contractor Golden Gate Tank Removal, Inc.
Address 3730 Mission Street
City San Francisco Phone (415) 512-1555
License Type A C-8 HAZ ID# 616521
7. Consultant (if applicable) _____
Address _____
City, State _____ Phone _____
8. Main Contact Person for Investigation (if applicable)
Name Joshua Alexander 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 of underground tanks at this facility (**confirmed with owner or operator) 1 (to be removed)
10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

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

a) Product/Residual Sludge/Rinsate Transporter

Name Uniwaste, Inc. EPA I.D. No. CAL000317320
Hauler License No. 4919 License Exp. Date _____
Address P.O. Box 2404
City Union City State CA Zip _____

b) Product/Residual Sludge/Rinsate Disposal Site

Name Clearwater Environmental EPA ID# NVD982358483
Address 2430 Almond Drive
City Silver Springs State NV Zip 89429

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 _____

Address 3730 Mission Street

City San Francisco State CA Zip 94110

d) Tank and Piping Disposal Site

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

Address 1801 Evans Ave.

City San Francisco State CA Zip 94124

11. Sample Collector

Name Joshua Alexander

Company Golden Gate Tank Removal, Inc.

Address 3730 Mission Street

City San Francisco State CA Zip 94110 Phone (415) 512-1555

12. Laboratory

Name Accutest Laboratories

Address 3334 Victor court

City Santa Clara State CA Zip 95054

State Certification No. 2346

13. Have tanks or pipes leaked in the past? Yes[] No[] Unknown[X]

If yes, describe. _____

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

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

flush lines and triple rinse with water, if necessary

pump to vacuum truck, steam clean tank

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

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

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

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
1500 Gallons	unknown	soil samples & water if present	1. stockpile 2. north/ east end of excavation 3. south/west end of excavation

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

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

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

Will the excavated soil be returned to the excavation immediately after tank removal? ☐ yes ☐ no ☒ unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.

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

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

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Benzene	8021B	SW8020F	0.005 PPM
Toluene	8021B	SW8020F	0.005 PPM
Ethylbenzene	8021B	SW8020F	0.005 PPM
Xylenes	8021 B	SW8020F	0.010 PPM
MTBE	8015M/8021B	SW8020F	0.005 PPM
TPH-D	8015M	CATFH	1.0 PPM

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

18. Submit copy of Worker's Compensation Certificate

Name of Insurer State Fund Compensation Insurance

19. Submit Plot Plan (See Instructions)

20. Enclose Fee (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, if applicable).

TABLE #2
REVISED 21 NOVEMBER 2003

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

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

NOTES:

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

HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

Page of

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)

FACILITY ID#

1

TANK OWNER NAME

740

TANK OWNER ADDRESS

741

TANK OWNER CITY

742

STATE

743

ZIP CODE

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

STATUS OR AFFILIATION OF CERTIFYING PERSON

NAME OF CERTIFIER (Print)

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

☐ Yes ☐ No

Name of CUPA, authorized agency, or LIA:

TITLE OF CERTIFIER

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

ADDRESS

☐ a. Certified Industrial Hygienist (CIH)☐ b. Certified Safety Professional (CSP)

CITY

☐ c. Certified Marine Chemist (CMC)☐ d. Registered Environmental Health Specialist (REHS)

PHONE

☐ e. Professional Engineer (PE)

☐ f. Class II Registered Environmental Assessor

DATE _____

CERTIFICATION TIME

☐ g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS

(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.

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.

Hazardous Waste Tank Closure Certification

Complete and submit this page prior to initiating any cleaning, cutting, dismantling, or excavation of a tank system that meets the conditions below:

- Any tank system that previously held a hazardous material or a hazardous waste, that is identified as a hazardous waste, and that is destined to be disposed, reclaimed or closed in place.
- This does not apply to tank systems regulated under a hazardous waste facility permit, other than permit by rule (PBR), or to tank systems regulated under a grant of interim status, nor to a tank system or any portion thereof, that meets the definition of scrap metal in 22 CCR §66260.10 and is excluded from regulation pursuant to 22 CCR §66261.6(a)(3)(B).

Refer to 22 CCR §67383.3 and 23 CCR §2672 for disposal requirements for tank systems.

(Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.)

Please number all pages of your submittal. This helps your CUPA or local agency identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - Leave this blank. This number is assigned by the CUPA. This is the unique number which identifies your facility.

3. BUSINESS NAME - Enter the full legal name of the business.

740. TANK OWNER NAME - Complete items 740-744, unless all items are the same as the Business Owner
741. TANK OWNER ADDRESS information (items 111-116) on the Business Owner/Operator Identification page
742. TANK OWNER CITY (OES Form 2730). If the same, write "SAME AS SITE" across this section
743. TANK OWNER STATE
744. TANK OWNER ZIP CODE

745. TANK ID NUMBER 1-3 - Enter up to three owner's tank ID numbers. This is a unique number used by the owner to identify the tank. If more than three tanks are being closed, complete additional copies of this page. (Enter additional tank numbers in 748 and 751.)

746. CONCENTRATION OF FLAMMABLE VAPOR 1-3 - Enter three interior flammable vapor levels for each tank being closed, taken at the top, center, and bottom of the tank. (For more than one tank, enter additional tank readings in 749 and 752.)

747. CONCENTRATION OF OXYGEN 1-3 - Enter three interior oxygen levels for each tank being closed, taken at the top, center, and bottom of the tank. (For more than one tank, enter additional tank readings in 750 and 753).

SIGNATURE - The business owner or officer of the company who is authorized to make decisions for the facility and who has operational control, shall sign in the space provided.

754. CERTIFIER NAME - Enter the full printed name of the person signing the page.

755. CERTIFIER TITLE - Enter the title of the person signing the page.

756. CERTIFIER ADDRESS - Enter the address of the person signing the page.

757. CERTIFIER CITY - Enter the city for the signer's address.

758. CERTIFIER PHONE - Enter the phone number for the person signing the page.

759. DATE CERTIFIED - Enter the date that the document was signed. Enter the time that the readings were taken.

760. CERTIFIER REPRESENTS LOCAL AGENCY - Check "Yes" if the person certifying the tank is a representative of the CUPA, authorized agency, or LIA, check "No" if not.

761. NAME OF LOCAL AGENCY - Enter the name of the local agency represented by the person certifying the tank.

762. AFFILIATION OF CERTIFYING PERSON - Check the certification, license, or organization which the certifier holds or to which the certifying person belongs, if not a CUPA/ LIA.

763. TANK HELD FLAMMABLE OR COMBUSTIBLE MATERIALS - Check "Yes" if the tank held flammable or combustible materials, check "No" if not.

764. MANAGEMENT INSTRUCTIONS - Provide tank management instructions to the scrap dealer, disposal facility, etc., in this space.

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 is approved.

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


I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his 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 Annette Chen - Project Coordinator

Signature Annette Chen  Date 7/19/10

 Validity unknown

Digitally signed by Annette Chen
DN: cn=Annette Chen, c=US
Date: 2010.07.19 09:38:19
+00'00'

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business _____

Name of Individual Emery Station Triangle II, LLC - Geoffrey Sears (care of)

Signature  Date 7/19/10

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

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

I. FACILITY INFORMATION

TOTAL NUMBER OF USTs AT FACILITY 404. **1 (One)** FACILITY ID # (Agency Use Only) 1.

BUSINESS NAME (Same as Facility Name or DBA – Doing Business As) 3.
Commercial (Empty Lot)

BUSINESS SITE ADDRESS 103. **5812 Hollis Street** CITY 104. **Emeryville**

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

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407. **Emery Station Triangle II, LLC** PHONE 408. **(415) 457-4964**

MAILING ADDRESS 409. **1120 Nye Street, Suite 400**

CITY 410. **San Rafael** STATE 411. **CA** ZIP CODE 412. **94901**

III. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 428-1. **Same as #2** PHONE 428-2. **()**

MAILING ADDRESS 428-3.

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

IV. TANK OWNER INFORMATION

TANK OWNER NAME 414. **Same as #2** PHONE 415. **()**

MAILING ADDRESS 416.

CITY 417. STATE 418. ZIP CODE 419.

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

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

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

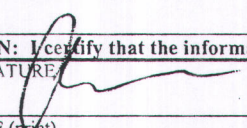
VI. PERMIT HOLDER INFORMATION

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

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

VII. APPLICANT SIGNATURE

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

APPLICANT SIGNATURE  DATE 424. **7/19/10** PHONE 425. **(415) 512-1555**

APPLICANT NAME (print) 426. **Annette Chen - On Behalf of Owner** APPLICANT TITLE 427. **Project Coordinator**

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

TYPE OF ACTION (Check one item only. For a UST closure or removal, complete only this section and Sections I, II, III, IV, and IX below)		430.
<input type="checkbox"/> 1. NEW PERMIT	<input type="checkbox"/> 3. RENEWAL PERMIT	<input type="checkbox"/> 5. CHANGE OF INFORMATION
<input type="checkbox"/> 6. TEMPORARY UST CLOSURE	<input type="checkbox"/> 7. UST PERMANENT CLOSURE ON SITE	<input checked="" type="checkbox"/> 8. UST REMOVAL
DATE UST PERMANENTLY CLOSED: _____		DATE EXISTING UST DISCOVERED: 2/18/10
430a.		

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only)		1.
BUSINESS NAME (Same as Facility Name or DBA – Doing Business As)		3.
Commercial (Empty Lot)		
BUSINESS SITE ADDRESS	CITY	104.
5812 Hollis Street	Emeryville	

II. TANK DESCRIPTION

TANK ID #	TANK MANUFACTURER	TANK CONFIGURATION: THIS TANK IS	434.
Unknown	Unknown	<input type="checkbox"/> 1. A STAND-ALONE TANK	Complete one page for each compartment in the unit.
DATE UST SYSTEM INSTALLED	TANK CAPACITY IN GALLONS	<input type="checkbox"/> 2. ONE IN A COMPARTMENTED UNIT	437.
Unknown	1500 gallons	NUMBER OF COMPARTMENTS IN THE UNIT	
		One	

III. TANK USE AND CONTENTS

TANK USE	<input checked="" type="checkbox"/> 1a. MOTOR VEHICLE FUELING	<input type="checkbox"/> 1b. MARINA FUELING	<input type="checkbox"/> 1c. AVIATION FUELING	439.
	<input type="checkbox"/> 3. CHEMICAL PRODUCT STORAGE	<input type="checkbox"/> 4. HAZARDOUS WASTE (Includes Used Oil)	<input type="checkbox"/> 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]	439a.
	<input type="checkbox"/> 6. OTHER GENERATOR FUEL	<input type="checkbox"/> 95. UNKNOWN	<input checked="" type="checkbox"/> 99. OTHER (Specify): Diesel	440.
CONTENTS	PETROLEUM:	<input type="checkbox"/> 1a. REGULAR UNLEADED	<input type="checkbox"/> 1c. MIDGRADE UNLEADED	
		<input type="checkbox"/> 3. DIESEL	<input type="checkbox"/> 5. JET FUEL	
		<input type="checkbox"/> 8. PETROLEUM BLEND FUEL	<input checked="" type="checkbox"/> 9. OTHER PETROLEUM (Specify): Diesel	440a.
	NON-PETROLEUM:	<input type="checkbox"/> 7. USED OIL	<input type="checkbox"/> 10. ETHANOL	
		<input type="checkbox"/> 11. OTHER NON-PETROLEUM (Specify):		440b.

IV. TANK CONSTRUCTION

TYPE OF TANK	<input checked="" type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 2. DOUBLE WALL	<input type="checkbox"/> 95. UNKNOWN	443.
PRIMARY CONTAINMENT	<input checked="" type="checkbox"/> 1. STEEL	<input type="checkbox"/> 3. FIBERGLASS	<input type="checkbox"/> 6. INTERNAL BLADDER	444.
	<input type="checkbox"/> 7. STEEL + INTERNAL LINING	<input type="checkbox"/> 95. UNKNOWN	<input type="checkbox"/> 99. OTHER (Specify):	444a.
SECONDARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 3. FIBERGLASS	<input type="checkbox"/> 6. EXTERIOR MEMBRANE LINER	445.
	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 95. UNKNOWN	<input type="checkbox"/> 99. OTHER (Specify):	445a.
OVERFILL PREVENTION	<input type="checkbox"/> 1. AUDIBLE & VISUAL ALARMS	<input type="checkbox"/> 2. BALL FLOAT	<input type="checkbox"/> 3. FILL TUBE SHUT-OFF VALVE	452.
	<input type="checkbox"/> 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT			

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION	<input checked="" type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 2. DOUBLE WALL	<input type="checkbox"/> 99. OTHER	460.
SYSTEM TYPE	<input checked="" type="checkbox"/> 1. PRESSURE	<input type="checkbox"/> 2. GRAVITY	<input checked="" type="checkbox"/> 3. CONVENTIONAL SUCTION	458.
PRIMARY CONTAINMENT	<input checked="" type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 8. FLEXIBLE	464.
	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 95. UNKNOWN	<input type="checkbox"/> 99. OTHER (Specify):	464a.
SECONDARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 8. FLEXIBLE	464b.
	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 95. UNKNOWN	<input type="checkbox"/> 99. OTHER (Specify):	464c.
PIPING/TURBINE CONTAINMENT SUMP TYPE	<input type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 2. DOUBLE WALL	<input type="checkbox"/> 90. NONE	464d.

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

VENT PRIMARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 99. OTHER (Specify):	464e.
VENT SECONDARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 99. OTHER (Specify):	464f.
VR PRIMARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 99. OTHER (Specify):	464g.
VR SECONDARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 99. OTHER (Specify):	464h.
VENT PIPING TRANSITION SUMP TYPE	<input type="checkbox"/> 1. SINGLE WALL <input type="checkbox"/> 2. DOUBLE WALL <input type="checkbox"/> 90. NONE					464i.
RISER PRIMARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 99. OTHER (Specify):	464j.
RISER SECONDARY CONTAINMENT	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 90. NONE	<input type="checkbox"/> 99. OTHER (Specify):	464k.
FILL COMPONENTS INSTALLED	<input type="checkbox"/> 1. SPILL BUCKET	<input type="checkbox"/> 3. STRIKER PLATE/BOTTOM PROTECTOR	<input type="checkbox"/> 4. CONTAINMENT SUMP			451a-c.

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE	<input type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 2. DOUBLE WALL	<input type="checkbox"/> 3. NO DISPENSERS	<input type="checkbox"/> 90. NONE	469a.
CONSTRUCTION MATERIAL	<input type="checkbox"/> 1. STEEL	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 10. RIGID PLASTIC	<input type="checkbox"/> 99. OTHER (Specify):	469b. 469c.

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION	<input type="checkbox"/> 2. SACRIFICIAL ANODE(S)	<input type="checkbox"/> 4. IMPRESSED CURRENT	<input type="checkbox"/> 6. ISOLATION	448.
----------------------------	--	---	---------------------------------------	------

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.		470.
APPLICANT SIGNATURE	DATE	7/19/10
APPLICANT NAME (print)	APPLICANT TITLE	472.
Annette Chen - On Behalf of Owner	Project Coordinator	

