



UNDERGROUND STORAGE TANK

CLOSURE REPORT

170 Woodland Way
Piedmont, CA 94611
Job No. 9609
February 06, 2017

Prepared For:

Marcia Redford
170 Woodland Way
Piedmont, CA 94611

**Tim
Hallen**

Digitally signed by Tim Hallen
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Gate Tank Removal, Inc., ou,
email=tim@ggtr.com, c=US
Date: 2017.02.07 13:28:28 -08'00'

Tim Hallen
General Manager

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COVER SHEET

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1. SITE LOCATION

The subject residential property is located at 170 Woodland Way, near the intersection of La Salle Avenue and Woodland Way in Piedmont, California. Figure 1 attached shows the general site location.

2. SITE HISTORY

One underground storage tank (UST) containing diesel was located in the driveway of the subject property. The tank had a capacity of approximately 300 gallons, measuring approximately 8 feet in length by 2.50 feet in diameter, and was constructed of single wall bare steel. The fill port was located on the east end of the tank. The age of the tank is unknown. The owner had no knowledge of the tank nor is there any indication of previous site investigation activities. Figure 2 depicts the approximate location of the tank as well as nearby streets.

3. TANK REMOVAL

In January 2017, Golden Gate Tank Removal, Inc. (GGTR) notified City of Piedmont Fire Department (CPFD) prior to the UST removal operations. Due to the small size of the residential heating oil tank, permits for tank removal at this property were not required by the City of Piedmont or Alameda County Department of Environmental Health.

On January 14, 2017, GGTR mobilized its equipment and began work on the project. The overburden soil covering the tank was removed and placed upon and covered by visqueen in a stockpile adjacent to the tank excavation. Field measurements indicate the bottom of the tank was 3.5 feet below grade surface (fbg). No exposed piping was found or visible during the tank removal activity.

As part of the removal operations, GGTR removed the residual product from the tank, then pressure-washed the interior of the tank with a 180-degree water using 3000-psi pressure. A non-toxic enzyme detergent was used to break down thick oil deposits. After a third washing GGTR removed the wash and rinse water from the tank transferring the liquid to seven 55-gallon drums (350 gallons). The drums were transported as Non-RCRA hazardous waste under Uniform Hazardous Waste Manifest No.00986447FLE to the US Ecology facility in Beatty, Nevada. A copy of the waste manifest is included as an attachment.

GGTR collected a sample of the tank product and rinse water for disposal characterization and submitted it to Curtis & Tompkins Ltd. (State Certification ELAP#2896) under a formal Chain-of-Custody protocol. The sample labeled as 9606-TANK, was analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel and Motor Oil (EPA Method 8015B), and Polychlorinated Biphenyls (PCBs) (EPA Method 8082). A copy of the laboratory certificate of analysis with chain of custody form (Curtis & Tompkins Laboratory Job # 285134) is included as an attachment.

On January 17, 2017, with Captain Berringer of the City of Piedmont Fire Department (CPFD) GGTR tested the lower explosive limit (LEL) and oxygen (O₂) levels inside the tank with a Cannonball 3 combustible gas meter. The LEL and O₂ levels were 0% and 20.9% respectively. Captain Berringer approved cutting the tank into sections using a reciprocating saw to facilitate tank removal.

Upon the approval from the CPFD, GGTR removed the tank sections from the excavation. After a visual inspection, the tank sections were loaded onto 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.

4. TANK AND SOIL CONDITION

The tank was found to be in good condition with no visible holes. Soil discoloration and hydrocarbon odors were observed in the tank overburden soil and in the soil beneath the tank. Overburden soil observed during the UST removal was predominantly sandy clay. Beneath the tank was solid rock. No groundwater was observed in the excavation during tank removal activities.

5. TANK REMOVAL SAMPLING

Immediately following tank removal activities, GGTR collected one four-point composite soil sample from the stockpiled overburden and one discrete soil sample from the loose soil directly beneath the west end of the former tank. The composite stockpile sample was labeled 9606-SP and the discrete sample was labeled 9606-W-5.5. Soil sample 9606-W-5.5 was collected at approximately 5.5 feet below grade (fbg). All samples were transported to Curtis & Tompkins Ltd. (State Certification ELAP#2896) under formal chain-of-custody protocol for the required analyses. Figure 2 depicts the approximate soil sample locations.

6. TANK SAMPLE LABORATORY ANALYSIS

All soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) Diesel by EPA Method 8015B, and Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Naphthalene and Methyl Tertiary Butyl Ether (MTBE) by EPA Method 8260B.

A summary of the analytical results is shown below and a copy of the laboratory certificate of analysis with chain of custody form (Curtis & Tompkins Laboratory Job # 285134) is included as an attachment.

SAMPLE I.D.	TPH-D (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Naphthalene (ppm)
9606-SP	9,800	ND	ND	ND	*400	ND	360
9606-W-5.5	14,000	ND	ND	ND	ND	ND	ND

Note: ppm - parts per million [equivalent to milligrams per kilogram]
*o-xylene

All soil samples show high concentration of TPH-Diesel, 9,800 mg/kg and 14,000 mg/kg respectively. Because of these results, an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report (attached) was submitted to County of Alameda Environmental Health Division along with the complete Laboratory Certificate.

7. WASTE MANAGEMENT & SOIL DISPOSAL

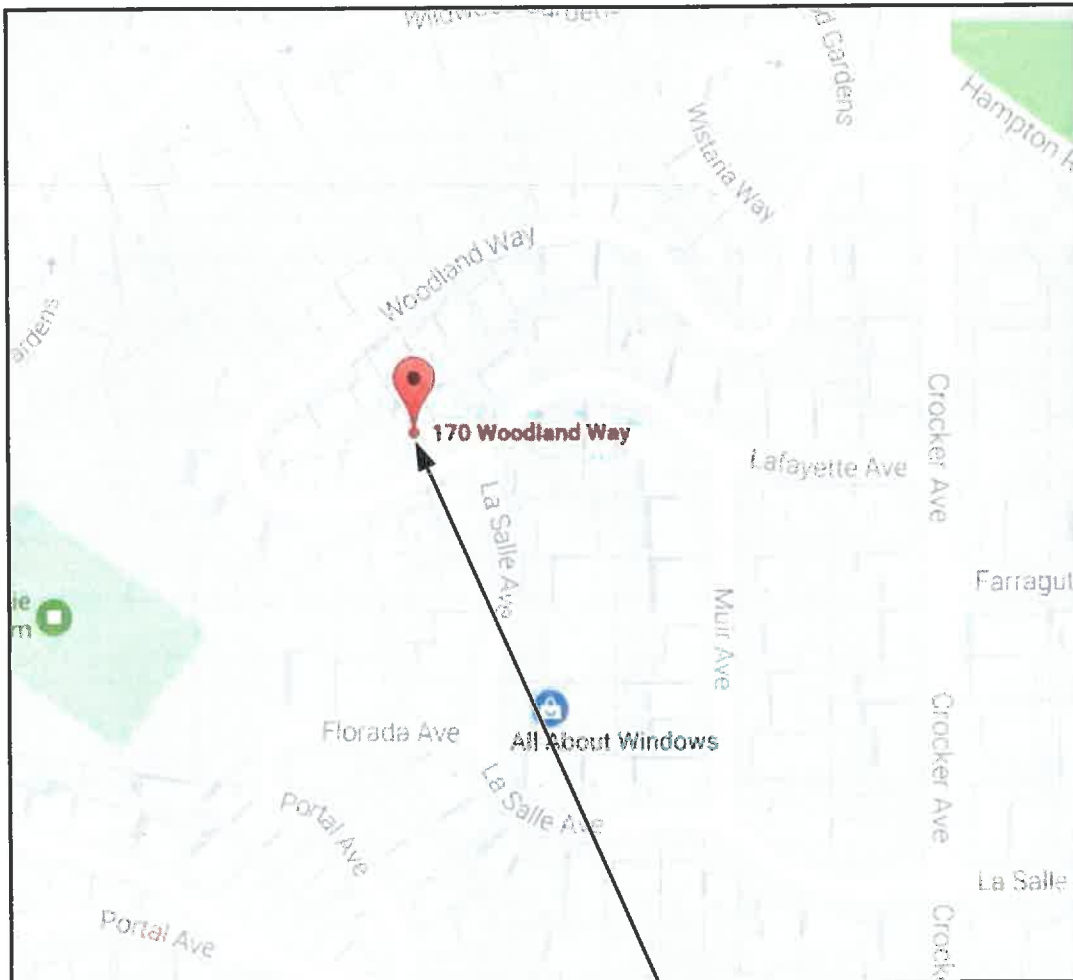
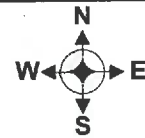
Based on the elevated TPH-Diesel concentration in the discrete excavation sample collected at 5.5 fbg and in the stockpiled overburdened soil, GGTR recommended removing the impacted soil and re sampling under the direction of the County of Alameda Environmental Health Services Agency.

Waste profiling was submitted and approved under Waste Profile Acceptance # 4212171680 by Republic Services, Inc.-Keller Canyon Landfill Facility in Pittsburg, California. On February 04, 2017, revisited the site to load the overburden stockpile and remaining loose soil from the excavation. Rain water was trapped in the excavation. GGTR transferred the trapped rainwater to eight (8) 55 gallon drums for temporary storage pending transport and disposed upon acceptance from a State Certified Waste Facility. The impacted stockpiled overburdened soil was

removed as well as the visually impacted soil in the UST cavity. The soil was loaded onto a truck and transported for disposal to Keller Canyon. A copy of the solid waste manifest and associated weight tag is included as an attachment.

8. SITE RESTORATION

Site restoration will be completed following inspection by Alameda County Health Services Agency, and if needed, additional sampling and laboratory analysis.



JOB SITE

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

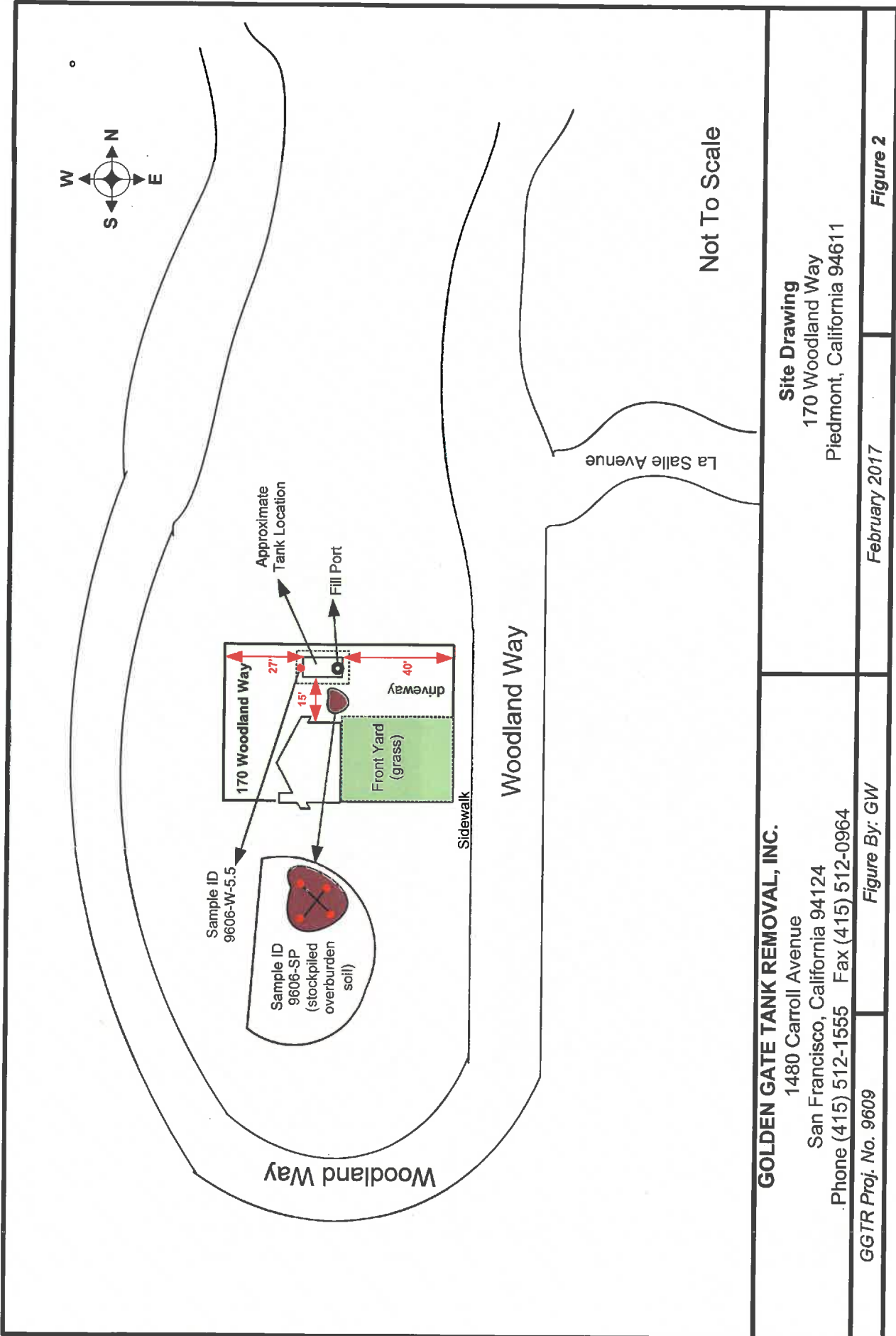
VICINITY MAP
170 Woodland Avenue
Piedmont, CA 94611

GGTR Project No.9609

Drawing By: CS

January 2017

Figure 1





TANK IN EXCAVATION



TANK REMOVAL IN PROGRESS

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

UST REMOVAL
170 Woodland Way
Piedmont, CA 94611

GGTR Project No. 9609

Drawing By: CS

February 2017

Figure 3



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


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

Laboratory Job Number 285134
ANALYTICAL REPORT

Golden Gate Tank Removal 1480 Carroll Avenue San Francisco, CA 94124	Project : 9609 Location : 170 Woodland Way Level : II
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<u>Sample ID</u>	<u>Lab ID</u>
9606-SP	285134-001
9606-TANK	285134-002
9606-W-5.5	285134-003

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

Signature: 
 Patrick McCarthy
 Project Manager
 patrick.mccarthy@ctberk.com
 (510) 204-2236

Date: 01/26/2017

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 285134
Client: Golden Gate Tank Removal
Project: 9609
Location: 170 Woodland Way
Request Date: 01/17/17
Samples Received: 01/17/17

This data package contains sample and QC results for two soil samples and one oil sample, requested for the above referenced project on 01/17/17. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B) Soil:

Matrix spikes QC868991, QC868992 (batch 243506) were not reported because the parent sample required a dilution that would have diluted out the spikes. 9606-SP (lab # 285134-001) and 9606-W-5.5 (lab # 285134-003) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Miscell.:

No analytical problems were encountered.

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

9606-SP (lab # 285134-001) and 9606-W-5.5 (lab # 285134-003) were diluted due to high hydrocarbons. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. High surrogate recovery was observed for decachlorobiphenyl in the method blank for batch 243456; no target analytes were detected in the sample. No other analytical problems were encountered.

COOLER RECEIPT CHECKLIST



Login # 285134 Date Received 1/17/17 Number of coolers 0
Client GGTR Project 9606

Date Opened 1/17/17 By (print) HF (sign) [Signature]
Date Logged in [Arrow] By (print) [Arrow] (sign) [Arrow]
Date Labeled [Arrow] By (print) [Arrow] (sign) [Arrow]

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

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

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

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

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

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

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

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

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

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

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

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

8. Were Method 5035 sampling containers present? YES NO

If YES, what time were they transferred to freezer?

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

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

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

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

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

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

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

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

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

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

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

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

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

If YES, Who was called? By Date:

COMMENTS
(3) Sample 2 Identified by Sampling Time

Detections Summary for 285134

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

Client : Golden Gate Tank Removal
 Project : 9609
 Location : 170 Woodland Way

Client Sample ID : 9606-SP Laboratory Sample ID : 285134-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	9,800		50	mg/Kg	As Recd	50.00	EPA 8015B	EPA 3550B
o-Xylene	400		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B
Naphthalene	360		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B

Client Sample ID : 9606-TANK Laboratory Sample ID : 285134-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	20,000		400	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3580

Client Sample ID : 9606-W-5.5 Laboratory Sample ID : 285134-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	14,000		50	mg/Kg	As Recd	50.00	EPA 8015B	EPA 3550B

Total Extractable Hydrocarbons

Lab #:	285134	Location:	170 Woodland Way
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9609	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/17/17
Units:	mg/Kg	Received:	01/17/17
Basis:	as received	Prepared:	01/18/17
Batch#:	243506		

Field ID: 9606-SP Diln Fac: 50.00
 Type: SAMPLE Analyzed: 01/23/17
 Lab ID: 285134-001

Analyte	Result	RL
Diesel C10-C24	9,800	50

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: 9606-W-5.5 Diln Fac: 50.00
 Type: SAMPLE Analyzed: 01/23/17
 Lab ID: 285134-003

Analyte	Result	RL
Diesel C10-C24	14,000	50

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Type: BLANK Diln Fac: 1.000
 Lab ID: QC868989 Analyzed: 01/19/17

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
o-Terphenyl	117	59-140

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit
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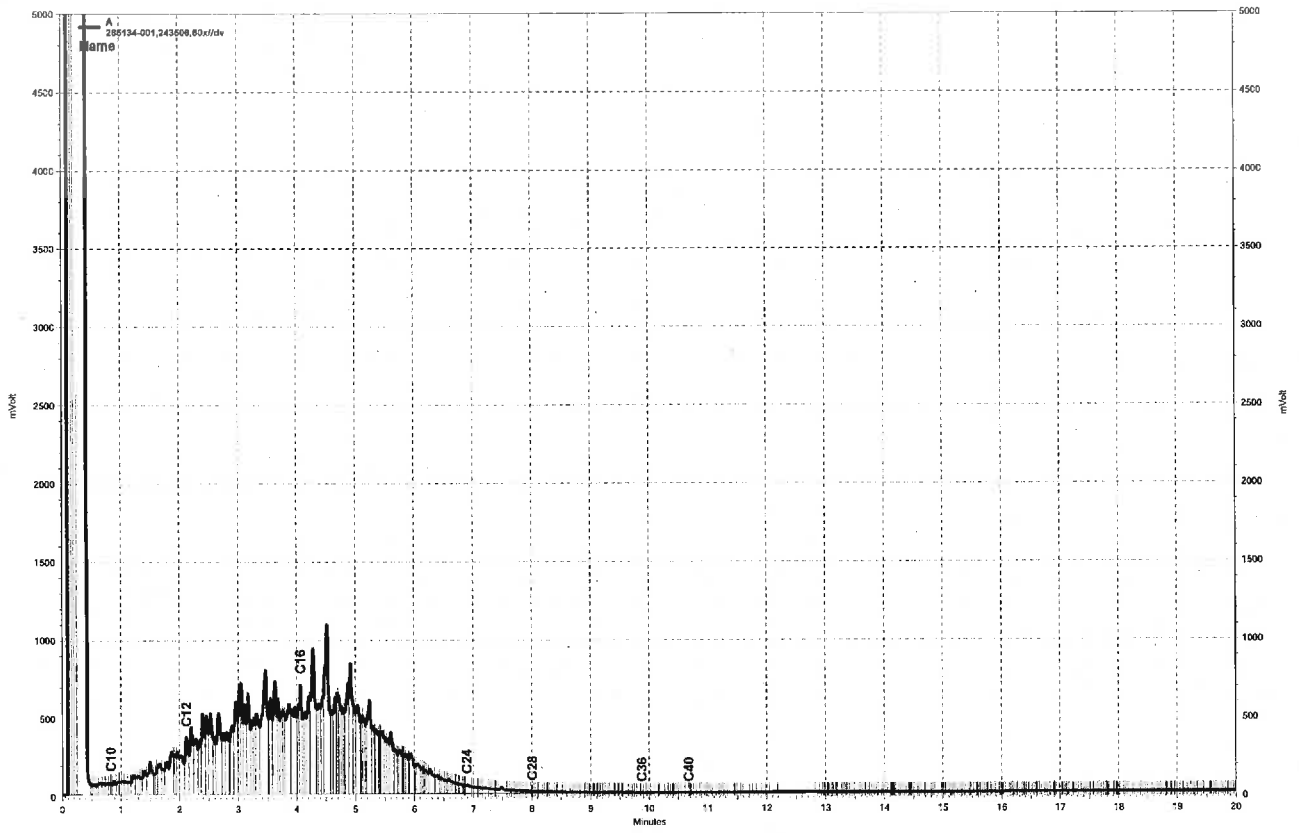
Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 3550B
Project#:	9606	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC868990	Batch#:	243506
Matrix:	Soil	Prepared:	01/18/17
Units:	mg/Kg	Analyzed:	01/19/17

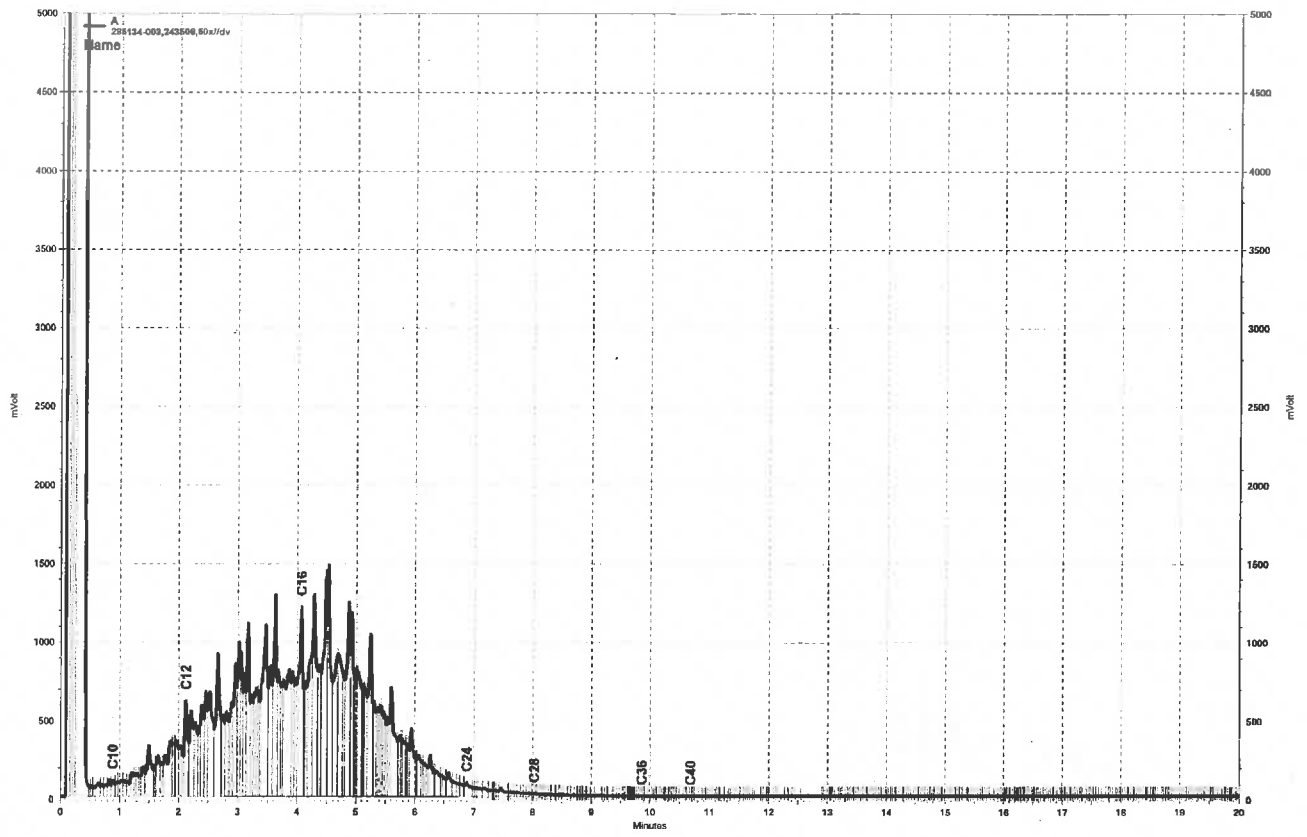
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.00	40.89	82	58-137

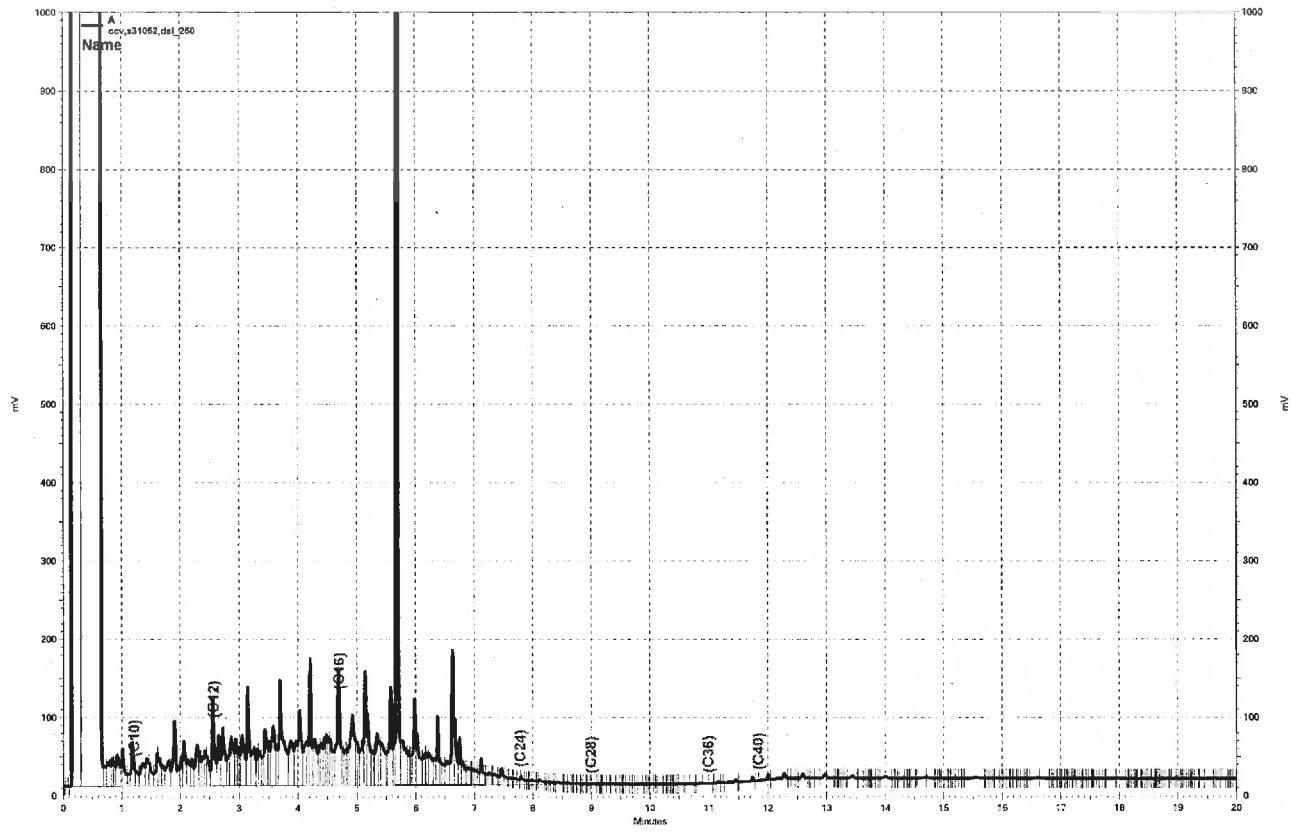
Surrogate	%REC	Limits
o-Terphenyl	86	59-140



— \\kraken\gdrive\ezchrom\Projects\GC26\data\023a005, A



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Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	285134	Location:	170 Woodland Way
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9609	Analysis:	EPA 8015B
Matrix:	Miscell.	Batch#:	243483
Units:	mg/Kg	Prepared:	01/18/17
DiIn Fac:	1.000	Analyzed:	01/18/17

Type: BS Lab ID: QC868902

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	19,200	19,800	103	58-137

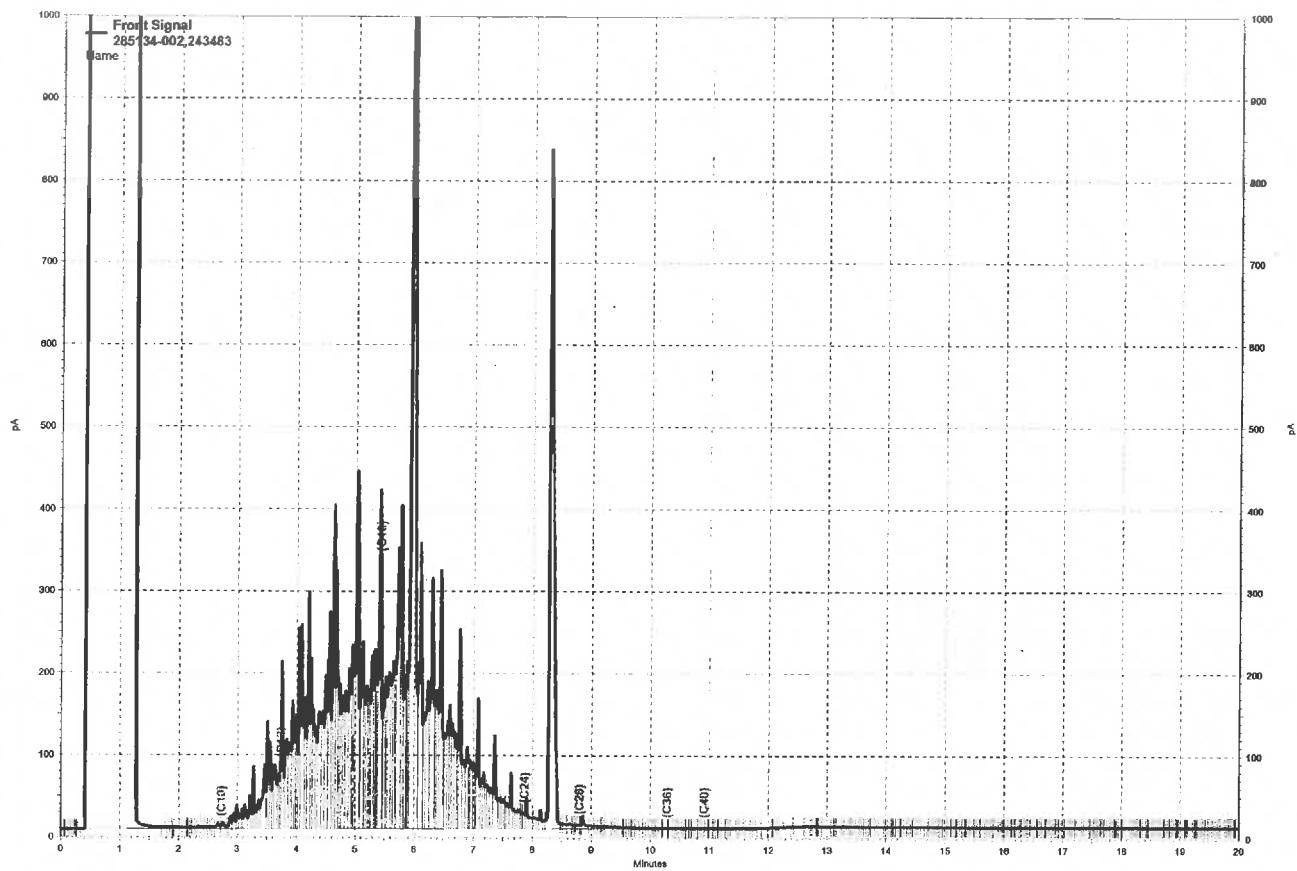
Surrogate	%REC	Limits
o-Terphenyl	103	59-140

Type: BSD Lab ID: QC868903

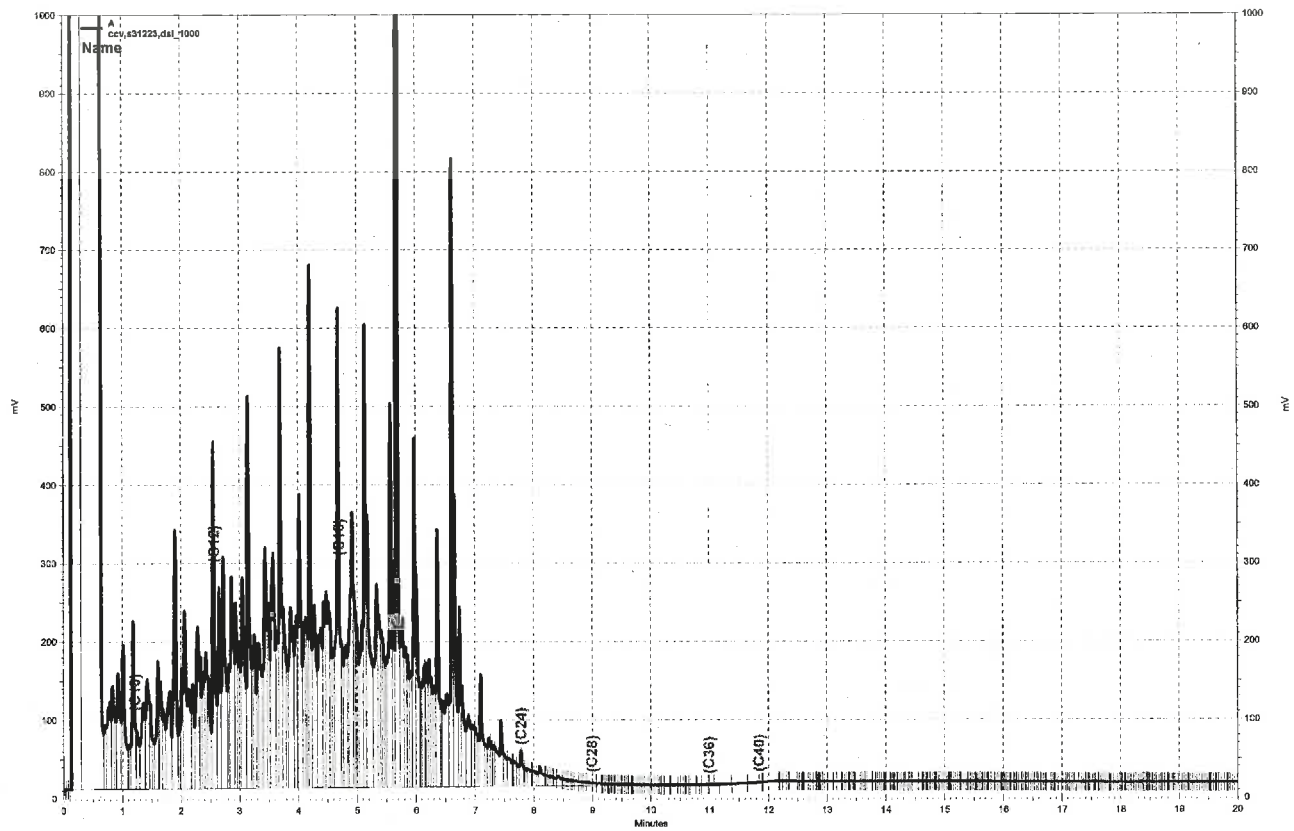
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	19,200	20,570	107	58-137	4	20

Surrogate	%REC	Limits
o-Terphenyl	104	59-140

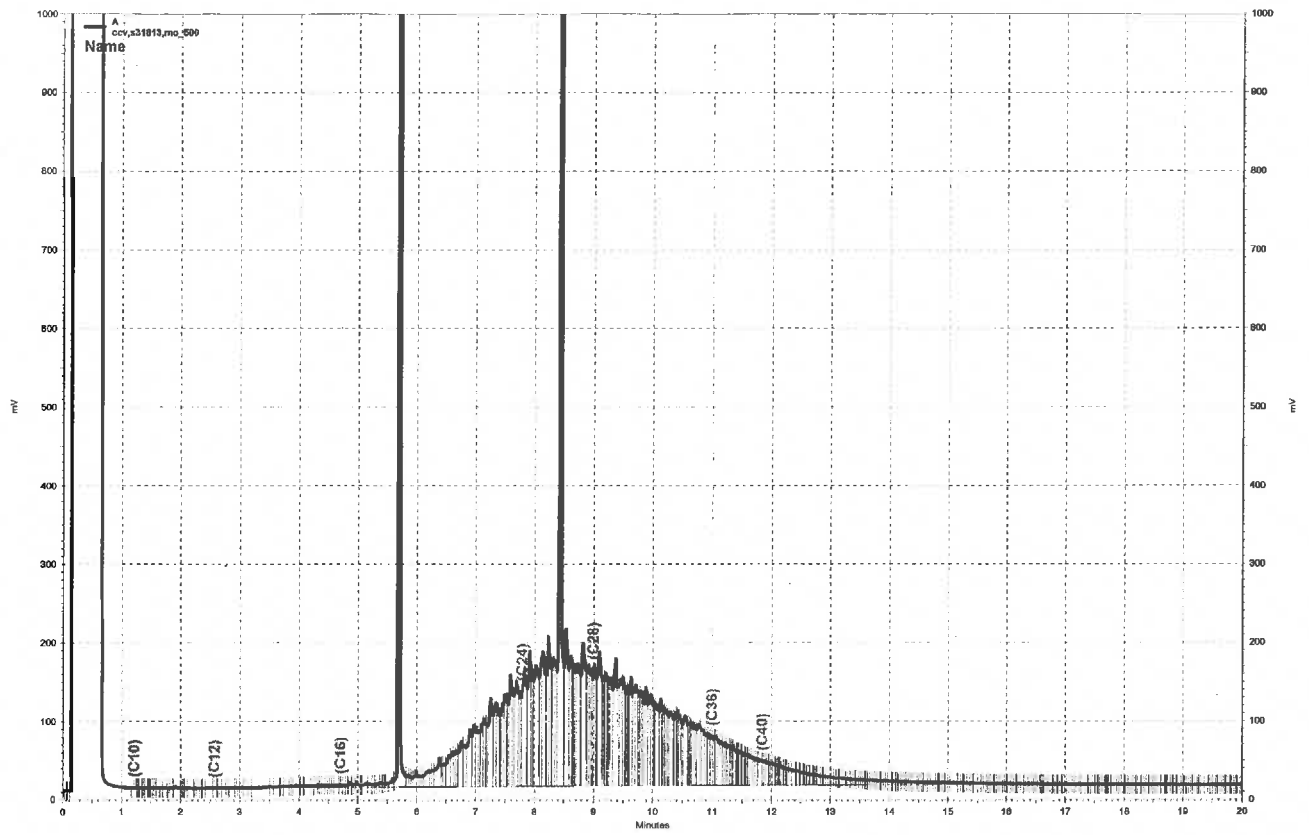
RPD= Relative Percent Difference



— \\kraken\drive\ezchrom\Projects\GC27\Data\018a032.dat, Front Signal



— \\kraken\gdrive\ezchrom\Projects\GC17a\Data\018a016, A



— \\kraken\gdrive\ezchrom\Projects\GC17a\Data\018a017, A

Purgeable Aromatics by GC/MS

Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9606	Analysis:	EPA 8260B
Field ID:	9606-SP	Diln Fac:	50.00
Lab ID:	285134-001	Batch#:	243623
Matrix:	Soil	Sampled:	01/17/17
Units:	ug/Kg	Received:	01/17/17
Basis:	as received	Analyzed:	01/21/17

Analyte	Result	RL
MTBE	ND	250
Benzene	ND	250
Toluene	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	ND	250
o-Xylene	400	250
Naphthalene	360	250

Surrogate	%REC	Limits
Dibromofluoromethane	84	78-134
1,2-Dichloroethane-d4	101	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	118	78-123
Trifluorotoluene (MeOH)	78	52-147

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

Purgeable Aromatics by GC/MS

Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9606	Analysis:	EPA 8260B
Field ID:	9606-W-5.5	Diln Fac:	100.0
Lab ID:	285134-003	Batch#:	243623
Matrix:	Soil	Sampled:	01/17/17
Units:	ug/Kg	Received:	01/17/17
Basis:	as received	Analyzed:	01/22/17

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

Surrogate	%REC	Limits
Dibromofluoromethane	83	78-134
1,2-Dichloroethane-d4	100	80-138
Toluene-d8	96	80-120
Bromofluorobenzene	107	78-123
Trifluorotoluene (MeOH)	79	52-147

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9606	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC869451	Batch#:	243623
Matrix:	Soil	Analyzed:	01/21/17
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	21.52	86	61-122
Benzene	25.00	23.32	93	80-123
Toluene	25.00	22.42	90	80-120
Ethylbenzene	25.00	22.00	88	80-122
m,p-Xylenes	50.00	42.67	85	80-127
o-Xylene	25.00	21.67	87	80-125

Surrogate	%REC	Limits
Dibromofluoromethane	87	78-134
1,2-Dichloroethane-d4	100	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	97	78-123

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9606	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC869452	Batch#:	243623
Matrix:	Soil	Analyzed:	01/21/17
Units:	ug/Kg		

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

Surrogate	%REC	Limits
Dibromofluoromethane	87	78-134
1,2-Dichloroethane-d4	102	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	99	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Aromatics by GC/MS			
Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 5030B
Project#:	9606	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	243623
MSS Lab ID:	285310-001	Sampled:	01/20/17
Matrix:	Soil	Received:	01/20/17
Units:	ug/Kg	Analyzed:	01/21/17
Basis:	as received		

Type: MS Diln Fac: 0.9653
 Lab ID: QC869457

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.4708	24.13	24.80	103	49-120
Benzene	<0.6785	24.13	24.34	101	57-120
Toluene	<0.7432	24.13	23.06	96	51-120
Ethylbenzene	<0.6941	24.13	22.85	95	45-120
m,p-Xylenes	<1.342	48.26	44.12	91	45-123
o-Xylene	<0.5791	24.13	22.38	93	44-122

Surrogate	%REC	Limits
Dibromofluoromethane	88	78-134
1,2-Dichloroethane-d4	106	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	100	78-123

Type: MSD Diln Fac: 0.9579
 Lab ID: QC869458

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	23.95	23.01	96	49-120	7	40
Benzene	23.95	23.53	98	57-120	3	44
Toluene	23.95	21.78	91	51-120,	5	47
Ethylbenzene	23.95	21.30	89	45-120	6	55
m,p-Xylenes	47.89	40.72	85	45-123	7	53
o-Xylene	23.95	20.83	87	44-122	6	55

Surrogate	%REC	Limits
Dibromofluoromethane	88	78-134
1,2-Dichloroethane-d4	106	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	98	78-123

RPD= Relative Percent Difference

Polychlorinated Biphenyls (PCBs)

Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9606	Analysis:	EPA 8082
Field ID:	9606-TANK	Batch#:	243456
Matrix:	Miscell.	Sampled:	01/17/17
Units:	ug/Kg	Received:	01/17/17
Basis:	as received	Analyzed:	01/19/17
Diln Fac:	1.000		

Type: SAMPLE Prepared: 01/18/17
 Lab ID: 285134-002

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

Surrogate	%REC	Limits
Decachlorobiphenyl	117	25-135

Type: BLANK Prepared: 01/17/17
 Lab ID: QC868805

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

Surrogate	%REC	Limits
Decachlorobiphenyl	138 *	25-135

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	285134	Location:	170 Woodland
Client:	Golden Gate Tank Removal	Prep:	EPA 3580
Project#:	9606	Analysis:	EPA 8082
Matrix:	Miscell.	Batch#:	243456
Units:	ug/Kg	Prepared:	01/17/17
Diln Fac:	1.000	Analyzed:	01/19/17

Type: BS Lab ID: QC868806

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	10,000	11,290	113	64-140
Aroclor-1260	10,000	12,610	126	65-146

Surrogate	%REC	Limits
Decachlorobiphenyl	102	25-135

Type: BSD Lab ID: QC868807

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	10,000	10,730	107	64-140	5	35
Aroclor-1260	10,000	10,880	109	65-146	15	36

Surrogate	%REC	Limits
Decachlorobiphenyl	93	25-135

RPD= Relative Percent Difference

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC 002 882 883	2. Page 1 of 1	3. Emergency Response Phone 510-541-2128	4. Manifest Tracking Number 009864477 FLE		
5. Generator's Name and Mailing Address 170 Woodland Way 170 Woodland Way Fresno, CA 94811				Generator's Site Address (if different than mailing address)			
Generator's Phone: 510-855-2184							
6. Transporter 1 Company Name BIG SKY ENVIRONMENTAL SOLUTIONS				U.S. EPA ID Number CAL 000346010			
7. Transporter 2 Company Name EQ Industrial Service				U.S. EPA ID Number MIK 435 642 742			
8. Designated Facility Name and Site Address Highway 85, 11 Miles South of Beatty Beatty, NV 89003				U.S. EPA ID Number NVT330010000			
Facility's Phone: 775-553-2203							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1.	Non RCRA HAZARDOUS WASTE, LIQUID (oily water)	007	PM	350	G	223	
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information WEAR PPE ERG#171 Profile 1b: 070131570-19587 EMERGENCY CONTACT JEFF RHODES							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name MARCIA REDFORD				Signature <i>Marcia Redford</i>		Month Day Year 02 02 17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Joe Raley				Signature <i>Joe Raley</i>		Month Day Year 02 02 17	
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							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. _____		2. _____		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

Style CP27 LABELMASTER (800) 621-5808 www.labelmaster.com

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

Page _____ of _____

I. FACILITY IDENTIFICATION


BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) ^{3.}	FACILITY ID#
170 Woodland Way	
TANK OWNER NAME 740.	
Marcia Redford	
TANK OWNER ADDRESS 741.	
170 Woodland Way	
TANK OWNER CITY 742.	STATE 743. ZIP CODE 744.
Piedmont	CA 94611

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  <small>Digitally signed by Tim Hallen DN: cn=Tim Hallen, ou=Golden Gate Tank Removal, Inc., ou=email=tim@ggtjrc.com, c=US Date: 2017.02.07 13:29:10 -0800</small>	STATUS OR AFFILIATION OF CERTIFYING PERSON 760. Certifier is a representative of the CUPA, authorized agency, or LIA: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name of CUPA, authorized agency, or LIA: 761. <hr/> If certifier is other than CUPA / LIA check appropriate box below: 762. <input type="checkbox"/> a. Certified Industrial Hygienist (CIH) <input type="checkbox"/> b. Certified Safety Professional (CSP) <input type="checkbox"/> c. Certified Marine Chemist (CMC) <input type="checkbox"/> d. Registered Environmental Health Specialist (REHS) <input type="checkbox"/> e. Professional Engineer (PE) <input type="checkbox"/> f. Class II Registered Environmental Assessor <input checked="" type="checkbox"/> g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)
NAME OF CERTIFIER (Print) 754.	
Tim Hallen	
TITLE OF CERTIFIER 755.	
General Manager	
ADDRESS 756.	
1480 Carroll Avenue	
CITY 757.	
San Francisco	
PHONE 758.	
415-512-1555	
DATE 759.	CERTIFICATION TIME
01/17/17	17:00

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS 763.
 (If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.) Yes No

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

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

170 WOODLAND
Piedmont

Circosta Iron and Metal Company Inc.

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

RC2707

Tick#	144634	By Sam	6:47:00 AM	1/18/2017
Gross	Tare	Net Lbs	Price	Amount
HMS - HMS #1			(SC=\$90.00)	
7,100.00	6,680.00	420.00	90.00	18.90
Amt (Before Tax)				18.90
Sales Tax (0.08%)				0.00
Amt (After Tax)				\$18.90
Ticket Total				18.90

* EIGHTEEN AND 90 / 100

Date	Mode	Trn #	Amount
1/18/2017	Cash		18.90

Print Name: JULIAN MORENO MALDONADO

CUSTOMER COPY

Address: 28289 CARDINAL ST

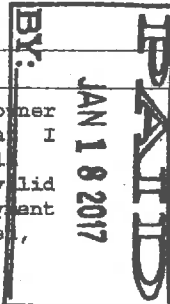
City/ST/Zip: HAYWARD/CA/94545

ID#: V9079601 Vehicle: 8k69189

State of issuance:

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

Circosta Iron and Metal Company Inc.



X

You must return this receipt 3 days

THANK YOU!



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: Marcia Redford 170 Woodland Way Piedmont, CA 94611 f. Phone: 510-655-2184			e. Generator's Mailing Address: Marcia Redford 170 Woodland Way Piedmont, CA 94611 g. Phone: 510-655-2184		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No.	n. Total Quantity
				Type	o. Unit Wt/Vol
4212171680	01/26/2018	Soil			
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Carlyn D. Santos					02/03/2017
p. Generator Authorized Agent Name (Print)			q. Signature		r. Date

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

a. Transporter's Name and Address: Golden Gate Tank Removal, Inc. 1480 Carroll Avenue San Francisco, CA 94124			Truck = 101-8K69189		
b. Phone: 415-512-1555					
c. Driver Name (Print) Julian Maldonado		d. Signature 		e. Date 2-5-17	

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

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd Pittsburg, CA 94565 b. Phone: 925-458-9800		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) F. P. P. Cornaga		f. Signature 	
		g. Date 2-4-17	

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

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
h. Signature 			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number N/A		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: Marcia Redford 170 Woodland Way Piedmont, CA 94611 f. Phone: 510-655-2184			e. Generator's Mailing Address: Marcia Redford 170 Woodland Way Piedmont, CA 94611 g. Phone: 510-655-2184		
f. Owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No.	n. Total Quantity
				Type	o. Unit Wt/Vol
4212171680	01/26/2018	Soil			
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Carlyn D. Santos				02/03/2017	
p. Generator Authorized Agent Name (Print)			q. Signature		r. Date

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

a. Transporter's Name and Address: Golden Gate Tank Removal, Inc. 1480 Carroll Avenue San Francisco, CA 94124		Truck # 101-8K 69189	
b. Phone: 415-512-1555			
c. Driver Name (Print) Julian Maldonado		e. Date 2-6-17	
d. Signature Julian Maldonado			

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

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd Pittsburg, CA 94565 b. Phone: 925-458-9800		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print) Felipe Lopez		f. Signature	g. Date 2-6-17

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

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
h. Signature			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

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

CUSTOMER 674678
 Golden Gate Tank Removal, Inc.
 1480 Carroll Avenue
 San Francisco, CA 94124
 Contract:4212171680
 Generator:Marcia Redford

SITE 01	TICKET #	1110136	CELL
WEIGHMASTER		Felipe C.	
DATE/TIME IN		2/6/17 8:49 am	DATE/TIME OUT 2/6/17 9:09 am
VEHICLE		GGTR101	CONTAINER
REFERENCE			
BILL OF LADING			

SCALE IN GROSS WEIGHT	11,880	NET TONS	1.43	INBOUND
SCALE OUT TARE WEIGHT	9,020	NET WEIGHT	2,860	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
5.00	YD	Tracking QTY				
1.43	tn	SW-BENEFICIAL REUSE Origin:PIEDMONT 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

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

TOMER 674678
 Golden Gate Tank Removal, Inc.
 1480 Carroll Avenue
 San Francisco, CA 94124
 Contract:4212171680
 Generator:Marcia Redford

SITE01	TICKET #	1110061	CELL
WEIGHMASTER		Felipe C.	
DATE/TIME IN		2/4/17 10:39 am	DATE/TIME OUT 11:14 am
VEHICLE		GGTR101	CONTAINER
REFERENCE			
BILL OF LADING			

SCALE IN GROSS WEIGHT	17,860	NET TONS	4.44	INBOUND
SCALE OUT TARE WEIGHT	8,980	NET WEIGHT	8,880	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
5.00	YD	Tracking QTY				
4.44	tn	SW-BENEFICIAL REUSE Origin:PIEDMONT 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

SIGNATURE *Marcia Redford*