

RECEIVED

By Alameda County Environmental Health at 10:21 am, Jul 30, 2014

Classic Investments, LLC
4145 Broadway
Oakland, CA 94611
510-547-4436

July 28, 2014

Ms. Karel Detterman
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

SUBJECT: SOIL SAMPLE COLLECTION REPORT CERTIFICATION
ACEH Case # RO 0000509
Downtown Toyota
4145 Broadway
Oakland, CA

Dear Ms. Detterman:

You will find enclosed one copy of the following document prepared by RGA Environmental, Inc. for the subject site.

- Soil Sample Collection Report dated July 28, 2014 (document 0271.R6).

I declare, under penalty of perjury, that the information and/or recommendations contained in the above-mentioned report for the subject site is true and correct to the best of my knowledge.

Should you have any questions, please do not hesitate to call me at (510) 547-4635.

Cordially,
Classic Investments, LLC



Ralph Fattore
Managing Member

Cc: Mr. LeRoy Griffin, Oakland Fire Department, Emergency Services, 250 Frank Ogawa Plaza, Suite 3341, Oakland, CA 94612 (with enclosure)

0271.L12



July 28, 2014
Report 0271.R6
RGA Job# PZ35895

Mr. Ralph Fattore
Classic Investments, LLC
4145 Broadway
Oakland, CA

SUBJECT: SOIL SAMPLE COLLECTION REPORT
RO # 0000509
Downtown Toyota
4145 Broadway
Oakland, CA

Dear Mr. Fattore:

RGA Environmental, Inc. (RGA) has prepared this report documenting the collection of two soil samples (B1-0.0 and B1-2.0) from the planter of the adjacent residential property located at 325 Garnet Street.

This work was performed in accordance with an email dated June 16, 2014 from the Alameda County Department of Environmental Health (ACDEH) discussing a public comment received from Ms. Mildred Rose of 325 Garnet Street in Oakland on May 28, 2014 regarding her seeing a sudsy viscous liquid in her garden/planter area in the summer of 2012.

A Site Vicinity Aerial Photograph is attached as Figure 1, and a Site Plan for 325 Garnet Street is attached as Figure 2. All work was performed under the direct supervision of a professional geologist.

FIELD ACTIVITIES

RGA personnel met with Ms. Mildred Rose on July 13, 2014 at the 325 Garnet Street property. Mrs. Rose stated that she no longer had the bucket where she had placed some of the viscous fluid in 2012. Ms. Rose showed RGA personnel the location where she previously grew tomatoes and where she reported the sudsy viscous liquid to be present in her garden. The garden consisted of a small planter area abutting the adjacent car dealership (the Downtown Toyota facility located at 4145 Broadway). She said that she suspected that some washing had been performed on the roof of the adjacent car dealership and that the fluids had washed down the wall into her garden. No evidence of

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stains were observed on the side of the building extending from the roof to the garden. She also said that the sudsy fluid was observed at the ground surface, and that she did not excavate any deeper than the depth of the roots of weeds to observe the sudsy fluid. She said that she had used her garden hose to flush the fluid along the ground surface to the front of her property (towards Garnet Street), and had subsequently watered her garden very intensively to flush the fluid into the ground. She also mentioned that the area along the side of her house between the garden and the street had mostly been covered with artificial turf until just about 3 weeks prior to RGA's site visit.

RGA personnel initially used a post hole digger to excavate in the garden to a depth of approximately 1.0 foot below the ground surface (bgs), and then used a 3.0-inch outside diameter stainless steel hand auger to excavate to a depth of 2.0 feet. The upper foot of soil was black, dry, and silty with a low clay content. The lower foot was black, moist, silty, and had a slightly higher clay content. Based on the presence of glass and pieces of concrete in the soil to a depth of 1.5 feet bgs, the soil appears to be fill material to a depth of at least 1.5 feet bgs. No petroleum or solvent odors were detected, and there was no visual evidence of staining or discoloration of the soil. RGA personnel provided samples of the soil to Mrs. Rose from different depths of the borehole, and Ms. Rose agreed that the soil smelled like fresh soil.

A soil sample was collected adjacent to the borehole from the ground surface to a depth of 0.5 feet below the ground surface (bgs), and also from the bottom of the borehole between the depths of 2.0 and 2.5 feet bgs into 2.0-inch diameter 6-inch long stainless steel tubes using a sampler driven by a slide hammer. Following sample collection, each tube was removed from the sampler and the ends of the tube were sequentially covered with aluminum foil and plastic endcaps. Each tube was then labeled and stored in a cooler with ice pending delivery to the laboratory. Chain of custody procedures were observed for all sample handling.

Ms. Rose said that she was relieved to see that there was no evidence of contamination in the soil, and that her concerns had now been addressed.

LABORATORY ANALYSIS

The soil samples were analyzed at McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California. The soil samples were analyzed for Volatile Organic Compounds (VOCs) including methyl-tert-butyl ether (MTBE), benzene, toluene, ethylbenzene, and xylenes (MBTEX) using EPA Method 5030B in conjunction with EPA Method 8260B, for Total Petroleum Hydrocarbons as Gasoline (TPH-G) using EPA Method 5030B in conjunction with EPA Method 8021B and modified EPA Method 8015B, and for Total Petroleum Hydrocarbons as Diesel (TPH-D) and Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) using EPA Method 3550B in conjunction with EPA Method 8015B.

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The analytical results for the soil samples are summarized in Table 1 and copies of the laboratory analytical reports are attached with this report.

DISCUSSION AND RECOMMENDATIONS

Review of Table 1 shows that in sample B1-0.0 (collected at the ground surface) TPH-G, TPH-D, and TPH-MO were detected at concentrations of 1.9, 110, and 1,100 milligrams per kilogram (mg/kg), respectively. Further review of the laboratory analytical report shows that the laboratory described the TPH-D and TPH-MO results for both samples as consisting of both oil-range compounds and diesel-range compounds with no recognizable pattern. Review of Table 1 also shows that no analytes were detected in soil sample B1-2.0 (collected at a depth of 2.0 feet bgs) with the exceptions of TPH-D and TPH-MO at concentrations of 5.8 and 47 mg/kg, respectively. No VOCs were detected in either of the samples.

Review of Table 1 shows that TPH-D and TPH-MO concentrations exceeding San Francisco Bay Regional Water Quality Control Board December 2013 Environmental Screening Levels for shallow soil as identified in Tables A-1 and A-2 for residential land use are limited to depths of less than 2.0 feet bgs. For petroleum to originate from the adjacent dealership, it would be necessary for petroleum to migrate beneath the dealership building perimeter footing, and then migrate upwards to the shallow depth at which the elevated petroleum concentrations were encountered. The elevated surface petroleum concentrations and lower petroleum concentrations at a depth of 2.0 feet is not consistent with migration of petroleum in soil from under the dealership building perimeter footing.

Based on a conversation with personnel at the adjacent car dealership at 4171 Broadway, water from the roof is collected into roof drains that discharge to the gutter of Garnet Street. In addition, a parapet is present at the perimeter of the dealership building roof, preventing rain water from washing off of the roof and down the side of the dealership building.

The origin of the fill material encountered at sample location B1 is unknown, and could have been imported to the Garnet Street property from an unknown source. Based on the identified presence of fill in the area where the sudsy viscous fluid was historically identified, the detected TPH-D and TPH-MO is suspected of being related to the fill material. In addition, it is possible that the reported viscous fluid was a water and soil mixture.

Following soil sample collection on the day of the investigation at the Garnet Street property Ms. Rose commented that she was satisfied with the findings of the investigation based on the absence of visual evidence of staining or discoloration and the absence of odors in the soil. Based on the results of the investigation RGA recommends that no further investigation of the Garnet Street property be performed.

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DISTRIBUTION

A copy of this report will be uploaded to the ACDEH website, in accordance with ACDEH requirements. In addition, a copy of this report will be uploaded to the GeoTracker database.

LIMITATIONS

This report was prepared solely for the use of Classic Investments, LLC. The content and conclusions provided by RGA in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with the site owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgment based on said information at the time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the findings of this report.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

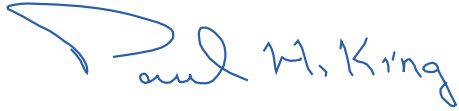
This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. RGA is not responsible for the accuracy or completeness of information provided by other individuals or entities that is used in this report. This report presents our professional judgment based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

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Report 0271.R6

Should you have any questions, please do not hesitate to contact us at (510) 658-4363.

Sincerely,

RGA Environmental, Inc.



Paul H. King
California Professional Geologist #5901
Expires: 12/31/15



Attachments:

Table 1 – Summary of Soil Sample Analytical Results

Figure 1 – Site Vicinity Aerial Photograph

Figure 2 – Site Plan For 325 Garnet Street

Laboratory Reports and Chain of Custody Documentation

PHK/ sjc
0271.R6

TABLES

Table 1
Summary of Soil Sample Analytical Results

Sample ID	Sample Date	Sample Depth (Ft bgs)	TPH-G	TPH-D	TPH-MO	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	VOCs by EPA Method 8260B
B1-0.0	7/13/2014	0.0	1.9	<u>110, a,b</u>	<u>1,100, a,b</u>	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	All ND
B1-2.0	7/13/2014	2.0	ND<1.0	5.8, a,b	47, a,b	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	All ND
<i>ESL¹</i>			100	100	100	0.023	0.044	2.9	3.3	2.3	Various
<i>ESL²</i>			500	110	500	0.023	0.044	2.9	3.3	2.3	Various
NOTES											
Ft bgs = Feet Below Ground Surface.											
TPH-G = Total Petroleum Hydrocarbons as Gasoline.											
TPH-D = Total Petroleum Hydrocarbons as Diesel.											
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.											
MTBE = Methyl-tert-Butyl Ether.											
VOCs = Volatile Organic Compounds.											
ND = Not Detected.											
a = Laboratory note: oil range compounds are significant.											
b = Laboratory note: diesel range compounds are significant; no recognizable pattern.											
<i>ESL¹</i> = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-1 – Shallow Soil Screening Levels, Groundwater is a current or potential drinking water resource. Residential Land Use.											
<i>ESL²</i> = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated December 2013, from Table A-2 – Shallow Soil Screening Levels, Groundwater is a current or potential drinking water resource. Commercial/Industrial Land Use.											
Values in bold exceed their respective <i>ESL¹</i> values.											
<u>Underlined values exceed their respective <i>ESL²</i> values.</u>											
Results and ESLs reported in milligrams per kilogram (mg/kg) unless otherwise indicated.											

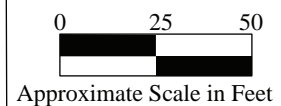
FIGURES

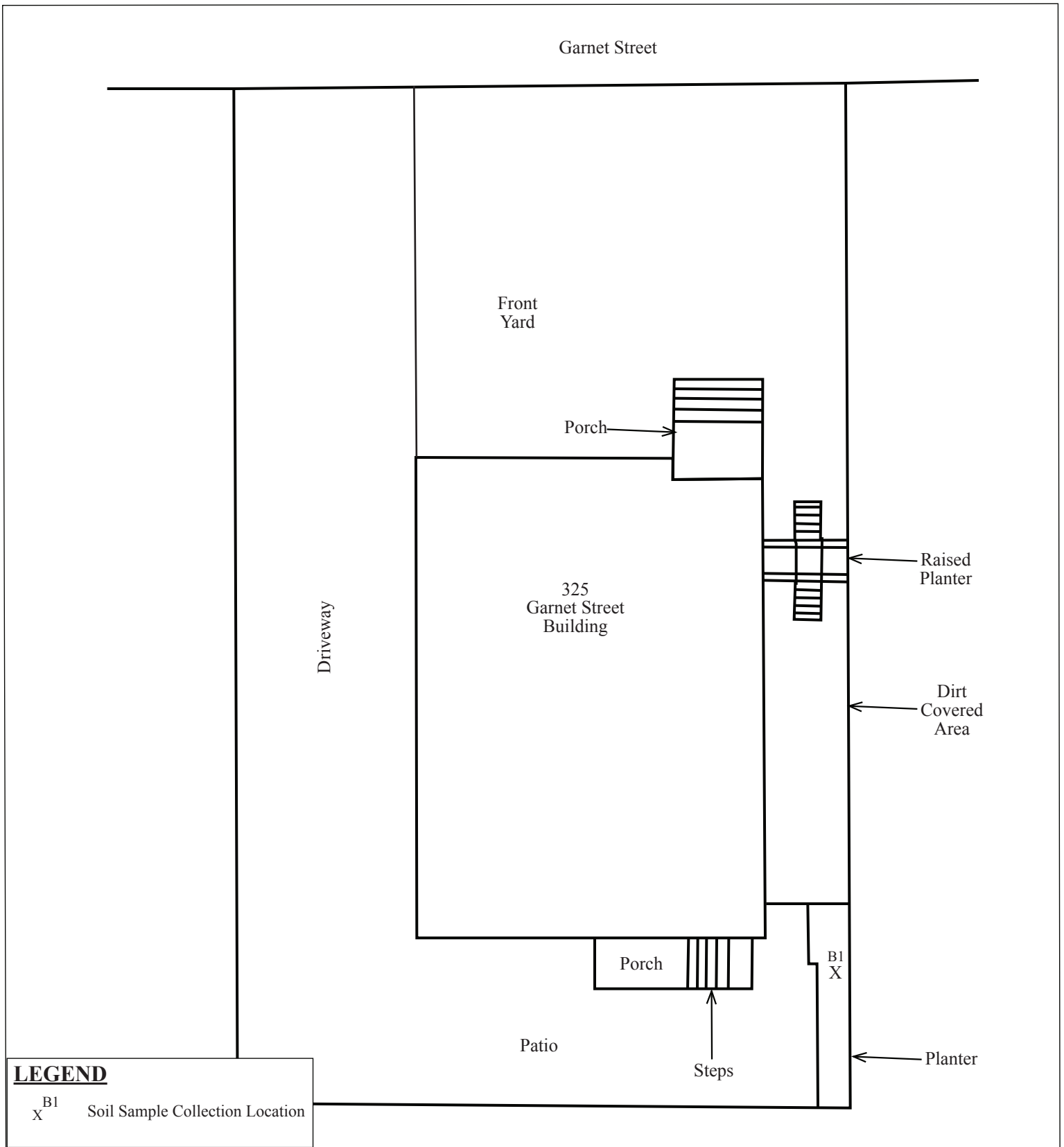


Figure 1
Site Vicinity Aerial Photograph
Downtown Toyota
4145 Broadway
Oakland, California

Base Map From:
Google Earth October 2009

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608





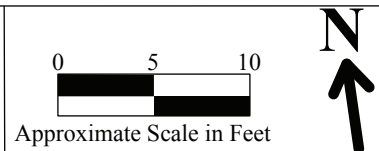
LEGEND

^{B1}
X Soil Sample Collection Location

Figure 2
 Site Plan for 325 Garnet Street
 Downtown Toyota
 4145 Broadway
 Oakland, California

Base Map From:
 RGA 7/14/14 using a rolatape.

RGA Environmental, Inc.
 1466 66th Street
 Emeryville, CA 94608



**LABORATORY ANALYTICAL REPORTS AND
CHAIN OF CUSTODY DOCUMENTATION**



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1407420

Report Created for: RGA Environmental
1466 66th Street
Emeryville, CA 94608

Project Contact: Paul King

Project P.O.:

Project Name: #PZ35895/0271; 325 Garnet Street, Oakland

Project Received: 07/14/2014

Analytical Report reviewed & approved for release on 07/21/2014 by:

*Question about
your data?*

[Click here to email
McC Campbell](#)

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: RGA Environmental
Project: #PZ35895/0271; 325 Garnet Street, Oakland
WorkOrder: 1407420

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Matrix interferences, or 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.
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

Analytical Qualifiers

d1	weakly modified or unmodified gasoline is significant
e2	diesel range compounds are significant; no recognizable pattern
e7	oil range compounds are significant



Analytical Report

Client: RGA Environmental
Project: #PZ35895/0271; 325 Garnet Street, Oakland
Date Received: 7/14/14 17:38
Date Prepared: 7/14/14

WorkOrder: 1407420
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B1-0.0	1407420-001A	Soil	07/13/2014	GC16	92695
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Acetone	ND		0.10	1	07/16/2014 03:25
tert-Amyl methyl ether (TAME)	ND		0.0050	1	07/16/2014 03:25
Benzene	ND		0.0050	1	07/16/2014 03:25
Bromobenzene	ND		0.0050	1	07/16/2014 03:25
Bromochloromethane	ND		0.0050	1	07/16/2014 03:25
Bromodichloromethane	ND		0.0050	1	07/16/2014 03:25
Bromoform	ND		0.0050	1	07/16/2014 03:25
Bromomethane	ND		0.0050	1	07/16/2014 03:25
2-Butanone (MEK)	ND		0.020	1	07/16/2014 03:25
t-Butyl alcohol (TBA)	ND		0.050	1	07/16/2014 03:25
n-Butyl benzene	ND		0.0050	1	07/16/2014 03:25
sec-Butyl benzene	ND		0.0050	1	07/16/2014 03:25
tert-Butyl benzene	ND		0.0050	1	07/16/2014 03:25
Carbon Disulfide	ND		0.0050	1	07/16/2014 03:25
Carbon Tetrachloride	ND		0.0050	1	07/16/2014 03:25
Chlorobenzene	ND		0.0050	1	07/16/2014 03:25
Chloroethane	ND		0.0050	1	07/16/2014 03:25
Chloroform	ND		0.0050	1	07/16/2014 03:25
Chloromethane	ND		0.0050	1	07/16/2014 03:25
2-Chlorotoluene	ND		0.0050	1	07/16/2014 03:25
4-Chlorotoluene	ND		0.0050	1	07/16/2014 03:25
Dibromochloromethane	ND		0.0050	1	07/16/2014 03:25
1,2-Dibromo-3-chloropropane	ND		0.0040	1	07/16/2014 03:25
1,2-Dibromoethane (EDB)	ND		0.0040	1	07/16/2014 03:25
Dibromomethane	ND		0.0050	1	07/16/2014 03:25
1,2-Dichlorobenzene	ND		0.0050	1	07/16/2014 03:25
1,3-Dichlorobenzene	ND		0.0050	1	07/16/2014 03:25
1,4-Dichlorobenzene	ND		0.0050	1	07/16/2014 03:25
Dichlorodifluoromethane	ND		0.0050	1	07/16/2014 03:25
1,1-Dichloroethane	ND		0.0050	1	07/16/2014 03:25
1,2-Dichloroethane (1,2-DCA)	ND		0.0040	1	07/16/2014 03:25
1,1-Dichloroethene	ND		0.0050	1	07/16/2014 03:25
cis-1,2-Dichloroethene	ND		0.0050	1	07/16/2014 03:25
trans-1,2-Dichloroethene	ND		0.0050	1	07/16/2014 03:25
1,2-Dichloropropane	ND		0.0050	1	07/16/2014 03:25
1,3-Dichloropropane	ND		0.0050	1	07/16/2014 03:25
2,2-Dichloropropane	ND		0.0050	1	07/16/2014 03:25
1,1-Dichloropropene	ND		0.0050	1	07/16/2014 03:25

(Cont.)



Analytical Report

Client: RGA Environmental
Project: #PZ35895/0271; 325 Garnet Street, Oakland
Date Received: 7/14/14 17:38
Date Prepared: 7/14/14

WorkOrder: 1407420
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B1-0.0	1407420-001A	Soil	07/13/2014	GC16	92695
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
cis-1,3-Dichloropropene	ND		0.0050	1	07/16/2014 03:25
trans-1,3-Dichloropropene	ND		0.0050	1	07/16/2014 03:25
Diisopropyl ether (DIPE)	ND		0.0050	1	07/16/2014 03:25
Ethylbenzene	ND		0.0050	1	07/16/2014 03:25
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	07/16/2014 03:25
Freon 113	ND		0.10	1	07/16/2014 03:25
Hexachlorobutadiene	ND		0.0050	1	07/16/2014 03:25
Hexachloroethane	ND		0.0050	1	07/16/2014 03:25
2-Hexanone	ND		0.0050	1	07/16/2014 03:25
Isopropylbenzene	ND		0.0050	1	07/16/2014 03:25
4-Isopropyl toluene	ND		0.0050	1	07/16/2014 03:25
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	07/16/2014 03:25
Methylene chloride	ND		0.0050	1	07/16/2014 03:25
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	07/16/2014 03:25
Naphthalene	ND		0.0050	1	07/16/2014 03:25
n-Propyl benzene	ND		0.0050	1	07/16/2014 03:25
Styrene	ND		0.0050	1	07/16/2014 03:25
1,1,1,2-Tetrachloroethane	ND		0.0050	1	07/16/2014 03:25
1,1,2,2-Tetrachloroethane	ND		0.0050	1	07/16/2014 03:25
Tetrachloroethene	ND		0.0050	1	07/16/2014 03:25
Toluene	ND		0.0050	1	07/16/2014 03:25
1,2,3-Trichlorobenzene	ND		0.0050	1	07/16/2014 03:25
1,2,4-Trichlorobenzene	ND		0.0050	1	07/16/2014 03:25
1,1,1-Trichloroethane	ND		0.0050	1	07/16/2014 03:25
1,1,2-Trichloroethane	ND		0.0050	1	07/16/2014 03:25
Trichloroethene	ND		0.0050	1	07/16/2014 03:25
Trichlorofluoromethane	ND		0.0050	1	07/16/2014 03:25
1,2,3-Trichloropropane	ND		0.0050	1	07/16/2014 03:25
1,2,4-Trimethylbenzene	ND		0.0050	1	07/16/2014 03:25
1,3,5-Trimethylbenzene	ND		0.0050	1	07/16/2014 03:25
Vinyl Chloride	ND		0.0050	1	07/16/2014 03:25
Xylenes, Total	ND		0.0050	1	07/16/2014 03:25
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	97		70-130		07/16/2014 03:25
Toluene-d8	113		70-130		07/16/2014 03:25
4-BFB	96		70-130		07/16/2014 03:25

(Cont.)



Analytical Report

Client: RGA Environmental
Project: #PZ35895/0271; 325 Garnet Street, Oakland
Date Received: 7/14/14 17:38
Date Prepared: 7/14/14

WorkOrder: 1407420
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B1-2.0	1407420-002A	Soil	07/13/2014	GC16	92695
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Acetone	ND		0.10	1	07/16/2014 04:08
tert-Amyl methyl ether (TAME)	ND		0.0050	1	07/16/2014 04:08
Benzene	ND		0.0050	1	07/16/2014 04:08
Bromobenzene	ND		0.0050	1	07/16/2014 04:08
Bromochloromethane	ND		0.0050	1	07/16/2014 04:08
Bromodichloromethane	ND		0.0050	1	07/16/2014 04:08
Bromoform	ND		0.0050	1	07/16/2014 04:08
Bromomethane	ND		0.0050	1	07/16/2014 04:08
2-Butanone (MEK)	ND		0.020	1	07/16/2014 04:08
t-Butyl alcohol (TBA)	ND		0.050	1	07/16/2014 04:08
n-Butyl benzene	ND		0.0050	1	07/16/2014 04:08
sec-Butyl benzene	ND		0.0050	1	07/16/2014 04:08
tert-Butyl benzene	ND		0.0050	1	07/16/2014 04:08
Carbon Disulfide	ND		0.0050	1	07/16/2014 04:08
Carbon Tetrachloride	ND		0.0050	1	07/16/2014 04:08
Chlorobenzene	ND		0.0050	1	07/16/2014 04:08
Chloroethane	ND		0.0050	1	07/16/2014 04:08
Chloroform	ND		0.0050	1	07/16/2014 04:08
Chloromethane	ND		0.0050	1	07/16/2014 04:08
2-Chlorotoluene	ND		0.0050	1	07/16/2014 04:08
4-Chlorotoluene	ND		0.0050	1	07/16/2014 04:08
Dibromochloromethane	ND		0.0050	1	07/16/2014 04:08
1,2-Dibromo-3-chloropropane	ND		0.0040	1	07/16/2014 04:08
1,2-Dibromoethane (EDB)	ND		0.0040	1	07/16/2014 04:08
Dibromomethane	ND		0.0050	1	07/16/2014 04:08
1,2-Dichlorobenzene	ND		0.0050	1	07/16/2014 04:08
1,3-Dichlorobenzene	ND		0.0050	1	07/16/2014 04:08
1,4-Dichlorobenzene	ND		0.0050	1	07/16/2014 04:08
Dichlorodifluoromethane	ND		0.0050	1	07/16/2014 04:08
1,1-Dichloroethane	ND		0.0050	1	07/16/2014 04:08
1,2-Dichloroethane (1,2-DCA)	ND		0.0040	1	07/16/2014 04:08
1,1-Dichloroethene	ND		0.0050	1	07/16/2014 04:08
cis-1,2-Dichloroethene	ND		0.0050	1	07/16/2014 04:08
trans-1,2-Dichloroethene	ND		0.0050	1	07/16/2014 04:08
1,2-Dichloropropane	ND		0.0050	1	07/16/2014 04:08
1,3-Dichloropropane	ND		0.0050	1	07/16/2014 04:08
2,2-Dichloropropane	ND		0.0050	1	07/16/2014 04:08
1,1-Dichloropropene	ND		0.0050	1	07/16/2014 04:08

(Cont.)



Analytical Report

Client: RGA Environmental
Project: #PZ35895/0271; 325 Garnet Street, Oakland
Date Received: 7/14/14 17:38
Date Prepared: 7/14/14

WorkOrder: 1407420
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B1-2.0	1407420-002A	Soil	07/13/2014	GC16	92695
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
cis-1,3-Dichloropropene	ND		0.0050	1	07/16/2014 04:08
trans-1,3-Dichloropropene	ND		0.0050	1	07/16/2014 04:08
Diisopropyl ether (DIPE)	ND		0.0050	1	07/16/2014 04:08
Ethylbenzene	ND		0.0050	1	07/16/2014 04:08
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	07/16/2014 04:08
Freon 113	ND		0.10	1	07/16/2014 04:08
Hexachlorobutadiene	ND		0.0050	1	07/16/2014 04:08
Hexachloroethane	ND		0.0050	1	07/16/2014 04:08
2-Hexanone	ND		0.0050	1	07/16/2014 04:08
Isopropylbenzene	ND		0.0050	1	07/16/2014 04:08
4-Isopropyl toluene	ND		0.0050	1	07/16/2014 04:08
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	07/16/2014 04:08
Methylene chloride	ND		0.0050	1	07/16/2014 04:08
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	07/16/2014 04:08
Naphthalene	ND		0.0050	1	07/16/2014 04:08
n-Propyl benzene	ND		0.0050	1	07/16/2014 04:08
Styrene	ND		0.0050	1	07/16/2014 04:08
1,1,1,2-Tetrachloroethane	ND		0.0050	1	07/16/2014 04:08
1,1,2,2-Tetrachloroethane	ND		0.0050	1	07/16/2014 04:08
Tetrachloroethene	ND		0.0050	1	07/16/2014 04:08
Toluene	ND		0.0050	1	07/16/2014 04:08
1,2,3-Trichlorobenzene	ND		0.0050	1	07/16/2014 04:08
1,2,4-Trichlorobenzene	ND		0.0050	1	07/16/2014 04:08
1,1,1-Trichloroethane	ND		0.0050	1	07/16/2014 04:08
1,1,2-Trichloroethane	ND		0.0050	1	07/16/2014 04:08
Trichloroethene	ND		0.0050	1	07/16/2014 04:08
Trichlorofluoromethane	ND		0.0050	1	07/16/2014 04:08
1,2,3-Trichloropropane	ND		0.0050	1	07/16/2014 04:08
1,2,4-Trimethylbenzene	ND		0.0050	1	07/16/2014 04:08
1,3,5-Trimethylbenzene	ND		0.0050	1	07/16/2014 04:08
Vinyl Chloride	ND		0.0050	1	07/16/2014 04:08
Xylenes, Total	ND		0.0050	1	07/16/2014 04:08
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	97		70-130		07/16/2014 04:08
Toluene-d8	113		70-130		07/16/2014 04:08
4-BFB	91		70-130		07/16/2014 04:08



Analytical Report

Client: RGA Environmental	WorkOrder: 1407420
Project: #PZ35895/0271; 325 Garnet Street, Oakland	Extraction Method: SW5030B
Date Received: 7/14/14 17:38	Analytical Method: SW8021B/8015Bm
Date Prepared: 7/14/14-7/21/14	Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B1-0.0	1407420-001A	Soil	07/13/2014	GC19	92710

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	1.9	1.0	1	07/19/2014 09:06
MTBE	---	0.050	1	07/19/2014 09:06
Benzene	---	0.0050	1	07/19/2014 09:06
Toluene	---	0.0050	1	07/19/2014 09:06
Ethylbenzene	---	0.0050	1	07/19/2014 09:06
Xylenes	---	0.0050	1	07/19/2014 09:06
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	Analytical Comments: d1	
2-Fluorotoluene	108	70-130		07/19/2014 09:06

B1-2.0	1407420-002A	Soil	07/13/2014	GC19	92954
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Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	07/21/2014 15:20
MTBE	---	0.050	1	07/21/2014 15:20
Benzene	---	0.0050	1	07/21/2014 15:20
Toluene	---	0.0050	1	07/21/2014 15:20
Ethylbenzene	---	0.0050	1	07/21/2014 15:20
Xylenes	---	0.0050	1	07/21/2014 15:20
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorotoluene	94	70-130		07/21/2014 15:20



Analytical Report

Client: RGA Environmental
Project: #PZ35895/0271; 325 Garnet Street, Oakland
Date Received: 7/14/14 17:38
Date Prepared: 7/14/14

WorkOrder: 1407420
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B1-0.0	1407420-001A	Soil	07/13/2014	GC11A	92692
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	110		10	10	07/15/2014 03:46
TPH-Motor Oil (C18-C36)	1100		50	10	07/15/2014 03:46
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: e7,e2	
C9	93		70-130		07/15/2014 03:46
B1-2.0	1407420-002A	Soil	07/13/2014	GC9b	92692
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	5.8		2.0	2	07/19/2014 08:39
TPH-Motor Oil (C18-C36)	47		10	2	07/19/2014 08:39
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	Analytical Comments: e7,e2	
C9	104		70-130		07/19/2014 08:39



Quality Control Report

Client: RGA Environmental
Date Prepared: 7/14/14
Date Analyzed: 7/15/14
Instrument: GC10
Matrix: Soil
Project: #PZ35895/0271; 325 Garnet Street, Oakland

WorkOrder: 1407420
BatchID: 92695
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/Kg
Sample ID: MB/LCS-92695
 1407412-010AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	0.10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0368	0.0050	0.050	-	73.6	70-130
Benzene	ND	0.0442	0.0050	0.050	-	88.3	70-130
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
2-Butanone (MEK)	ND	-	0.020	-	-	-	-
t-Butyl alcohol (TBA)	ND	0.175	0.050	0.20	-	87.7	70-130
n-Butyl benzene	ND	-	0.0050	-	-	-	-
sec-Butyl benzene	ND	-	0.0050	-	-	-	-
tert-Butyl benzene	ND	-	0.0050	-	-	-	-
Carbon Disulfide	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0456	0.0050	0.050	-	91.3	70-130
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0380	0.0040	0.050	-	76.1	70-130
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0412	0.0040	0.050	-	82.3	70-130
1,1-Dichloroethene	ND	0.0395	0.0050	0.050	-	78.9	70-130
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-

(Cont.)



Quality Control Report

Client: RGA Environmental
Date Prepared: 7/14/14
Date Analyzed: 7/15/14
Instrument: GC10
Matrix: Soil
Project: #PZ35895/0271; 325 Garnet Street, Oakland

WorkOrder: 1407420
BatchID: 92695
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/Kg
Sample ID: MB/LCS-92695
 1407412-010AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	0.0392	0.0050	0.050	-	78.4	70-130
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0398	0.0050	0.050	-	79.6	70-130
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
2-Hexanone	ND	-	0.0050	-	-	-	-
Isopropylbenzene	ND	-	0.0050	-	-	-	-
4-Isopropyl toluene	ND	-	0.0050	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0393	0.0050	0.050	-	78.6	70-130
Methylene chloride	ND	-	0.0050	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.0050	-	-	-	-
Naphthalene	ND	-	0.0050	-	-	-	-
n-Propyl benzene	ND	-	0.0050	-	-	-	-
Styrene	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
Tetrachloroethene	ND	-	0.0050	-	-	-	-
Toluene	ND	0.0481	0.0050	0.050	-	96.2	70-130
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0438	0.0050	0.050	-	87.5	70-130
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.0050	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Xylenes, Total	ND	-	0.0050	-	-	-	-

Surrogate Recovery

Dibromofluoromethane	0.117	0.165		0.18	93	94	70-130
Toluene-d8	0.130	0.175		0.18	104	100	70-130
4-BFB	0.0109	0.0171		0.018	87	98	70-130

(Cont.)



Quality Control Report

Client: RGA Environmental
Date Prepared: 7/14/14
Date Analyzed: 7/15/14
Instrument: GC10
Matrix: Soil
Project: #PZ35895/0271; 325 Garnet Street, Oakland

WorkOrder: 1407420
BatchID: 92695
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/Kg
Sample ID: MB/LCS-92695
 1407412-010AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	NR	NR	0	ND<0.5	NR	NR	-	NR	
Benzene	NR	NR	0	ND<0.5	NR	NR	-	NR	
t-Butyl alcohol (TBA)	NR	NR	0	ND<5	NR	NR	-	NR	
Chlorobenzene	NR	NR	0	ND<0.5	NR	NR	-	NR	
1,2-Dibromoethane (EDB)	NR	NR	0	ND<0.4	NR	NR	-	NR	
1,2-Dichloroethane (1,2-DCA)	NR	NR	0	ND<0.4	NR	NR	-	NR	
1,1-Dichloroethene	NR	NR	0	ND<0.5	NR	NR	-	NR	
Diisopropyl ether (DIPE)	NR	NR	0	ND<0.5	NR	NR	-	NR	
Ethyl tert-butyl ether (ETBE)	NR	NR	0	ND<0.5	NR	NR	-	NR	
Methyl-t-butyl ether (MTBE)	NR	NR	0	ND<0.5	NR	NR	-	NR	
Toluene	NR	NR	0	ND<0.5	NR	NR	-	NR	
Trichloroethene	NR	NR	0	ND<0.5	NR	NR	-	NR	
Surrogate Recovery									
Dibromofluoromethane	NR	NR	0		NR	NR	-	NR	
Toluene-d8	NR	NR	0		NR	NR	-	NR	
4-BFB	NR	NR	0		NR	NR	-	NR	



Quality Control Report

Client: RGA Environmental	WorkOrder: 1407420
Date Prepared: 7/14/14	BatchID: 92710
Date Analyzed: 7/15/14	Extraction Method: SW5030B
Instrument: GC19	Analytical Method: SW8021B/8015Bm
Matrix: Soil	Unit: mg/Kg
Project: #PZ35895/0271; 325 Garnet Street, Oakland	Sample ID: MB/LCS-92710 1407426-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.567	0.40	0.60	-	94.5	70-130
MTBE	ND	0.0970	0.050	0.10	-	97	70-130
Benzene	ND	0.104	0.0050	0.10	-	104	70-130
Toluene	ND	0.106	0.0050	0.10	-	106	70-130
Ethylbenzene	ND	0.106	0.0050	0.10	-	106	70-130
Xylenes	ND	0.337	0.0050	0.30	-	112	70-130

Surrogate Recovery

2-Fluorotoluene	0.107	0.104		0.10	107	104	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.497	0.482	0.60	ND	82.9	80.3	70-130	3.17	20
MTBE	0.0837	0.0807	0.10	ND	83.7	80.7	70-130	3.59	20
Benzene	0.0940	0.0878	0.10	ND	94	87.8	70-130	6.81	20
Toluene	0.0956	0.0898	0.10	ND	95.6	89.8	70-130	6.26	20
Ethylbenzene	0.0947	0.0895	0.10	ND	94.7	89.5	70-130	5.60	20
Xylenes	0.301	0.286	0.30	ND	100	95.3	70-130	5.24	20

Surrogate Recovery

2-Fluorotoluene	0.0939	0.0895	0.10		94	90	70-130	4.80	20
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Quality Control Report

Client:	RGA Environmental	WorkOrder:	1407420
Date Prepared:	7/21/14	BatchID:	92954
Date Analyzed:	7/21/14	Extraction Method:	SW5030B
Instrument:	GC3	Analytical Method:	SW8021B/8015Bm
Matrix:	Soil	Unit:	mg/Kg
Project:	#PZ35895/0271; 325 Garnet Street, Oakland	Sample ID:	MB/LCS-92954

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.672	0.40	0.60	-	112	70-130
MTBE	ND	0.0921	0.050	0.10	-	92.1	70-130
Benzene	ND	0.114	0.0050	0.10	-	114	70-130
Toluene	ND	0.105	0.0050	0.10	-	105	70-130
Ethylbenzene	ND	0.105	0.0050	0.10	-	105	70-130
Xylenes	ND	0.318	0.0050	0.30	-	106	70-130
Surrogate Recovery							
2-Fluorotoluene	0.0897	0.0970		0.10	90	97	70-130



Quality Control Report

Client: RGA Environmental	WorkOrder: 1407420
Date Prepared: 7/14/14	BatchID: 92692
Date Analyzed: 7/15/14	Extraction Method: SW3550B
Instrument: GC11B, GC6A	Analytical Method: SW8015B
Matrix: Soil	Unit: mg/Kg
Project: #PZ35895/0271; 325 Garnet Street, Oakland	Sample ID: MB/LCS-92692 1407408-001AMS/MSD

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	43.6	1.0	40	-	109	70-130

Surrogate Recovery

C9	25.2	25.0		25	101	100	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	45.5	45.3	40	2.580	107	107	70-130	0	30

Surrogate Recovery

C9	22.3	22.3	25		89	89	70-130	0	30
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1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1407420

ClientCode: RGAE

WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag

Report to:

Bill to:

Requested TAT:

5 days

Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608
(510) 547-7771 FAX: (510) 547-1983

Email: paul.king@rgaenv.com; pdking0000@aol.c
cc/3rd Party:
PO:
ProjectNo: #PZ35895/0271; 325 Garnet Street,
Oakland

Maura Lane
RGA Environmental
1466 66th Street
Emeryville, CA 94608
Maura.lane@rgaenv.com

Date Received: 07/14/2014

Date Printed: 07/14/2014

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
1407420-001	B1-0.0	Soil	7/13/2014	<input type="checkbox"/>	A	A										
1407420-002	B1-2.0	Soil	7/13/2014	<input type="checkbox"/>	A	A										

Test Legend:

1	8260B_S	2	G-MBTEX_S	3		4		5	
6		7		8		9		10	
11		12							

The following SamplIDs: 001A, 002A contain testgroup.

Prepared by: Jena Alfaro

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.



WORK ORDER SUMMARY

Client Name: RGA ENVIRONMENTAL

QC Level: LEVEL 2

Work Order: 1407420

Project: #PZ35895/0271; 325 Garnet Street, Oakland

Client Contact: Paul King

Date Received: 7/14/2014

Comments:

Contact's Email: paul.king@rgaenv.com; pdking0000@aol.com

WaterTrax
 WriteOn
 EDF
 Excel
 Fax
 Email
 HardCopy
 ThirdParty
 J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1407420-001A	B1-0.0	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Tube	<input type="checkbox"/>	7/13/2014	5 days			<input type="checkbox"/>
			SW8260B (VOCs)			<input type="checkbox"/>					5 days
1407420-002A	B1-2.0	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Tube	<input type="checkbox"/>	7/13/2014	5 days			<input type="checkbox"/>
			SW8260B (VOCs)			<input type="checkbox"/>					5 days

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

Stainless Tube =



Sample Receipt Checklist

Client Name: **RGA Environmental** Date and Time Received: **7/14/2014 5:38:09 PM**
 Project Name: **#PZ35895/0271; 325 Garnet Street, Oakland** LogIn Reviewed by: **Jena Alfaro**
 WorkOrder No: **1407420** Matrix: Soil Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes No
 Container/Temp Blank temperature Cooler Temp: 3°C NA
 Water - VOA vials have zero headspace / no bubbles? Yes No NA
 Sample labels checked for correct preservation? Yes No
 pH acceptable upon receipt (Metal: pH<2; 522: pH<4)? Yes No NA
 Samples Received on Ice? Yes No

(Ice Type: WET ICE)

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

 Comments: