Classic Investments, LLC
4145 Broadway
Oakland, California 94611

November 18, 2013

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

SUBJECT: SUBSURFACE INVESTIGATION REPORT CERTIFICATION
ACEH Case # RO 0000509
Downtown Toyota
4145 Broadway
Oakland, CA

Dear Ms. Roe:

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

- Subsurface Investigation Report dated November 18, 2013 (document 0271.R5).

In accordance with recommendations set forth in the report, I request that the case be closed in accordance with the Low Threat Closure Policy.

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

Daniel P. Varosh for Classic Investments, LLC

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

0271.L11

November 18, 2013
Report 0271.R5
RGA Job# PZ33580

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

SUBJECT: SUBSURFACE INVESTIGATION REPORT (B8 AND B9)
RO # 0000509
Downtown Toyota
4145 Broadway
Oakland, CA

Dear Mr. Fattore:

RGA Environmental, Inc. (RGA) has prepared this report documenting activities associated with drilling of two soil borings (B8 and B9) at the subject site to obtain additional information for evaluation of conformance with Low Threat Closure Policy (LTCP) criteria for the site.

This work was performed in accordance with a letter dated July 9, 2013 from the Alameda County Environmental Health Department (ACEH) discussing LTCP criteria for the site, an August 16, 2013 meeting at ACEH offices to discuss methods for evaluating compliance with LTCP criteria, and RGA's Subsurface Investigation Work Plan (B8 and B9) dated August 19, 2013 (document 0271.W2).

Drilling and sampling activities associated with boreholes B8 and B9 were performed on October 3, 4, and 7, 2013. Borehole B8 was located adjacent to the former waste oil UST excavation (the historical source area) and borehole B9 was located adjacent to historical borehole PS08 (the location where the highest historical groundwater petroleum concentration was detected). Boreholes B8 and B9 were continuously cored to depths of 20 and 15 feet below the ground surface (bgs), respectively. Soil and groundwater samples were collected from each borehole, and the presence of free product was evaluated on the surface of the water that accumulated in each borehole. No petroleum hydrocarbons were detected in the soil and water samples with the exception of two Polynuclear Aromatic Hydrocarbon (PAH) compounds that were detected in the soil sample collected from borehole B9 at a depth of 9.0 feet bgs. The two detected PAH compounds concentrations are below their respective LTCP Table 1 Concentrations of Petroleum Constituents That Will Have No Significant Risk of Adversely Affecting Human Health for each of residential, commercial/industrial, and utility worker exposure. The two detected PAH

compounds concentrations are below their respective LTCP Table 1 Concentrations of Petroleum Constituents That Will Have No Significant Risk of Adversely Affecting Human Health for each of residential, commercial/industrial, and utility worker exposure. The two detected PAH compound concentrations are also below their respective San Francisco Bay Regional Water Quality Control Board (RWQCB) May 2013 Table A-1 shallow soil screening levels for each of residential and commercial land use. In addition, no free product was detected on the surface of the water that accumulated in the boreholes. Based on the sample results RGA recommends that the case be closed.

A Site Location Map is attached as Figure 1, a Site Vicinity Map is attached as Figure 2, and a Site Plan Detail showing borehole locations is attached as Figure 3. All work was performed under the direct supervision of a professional geologist.

BACKGROUND

The site is surrounded by commercial properties located along Broadway, and residential housing for structures that are not located adjacent to Broadway. The site is presently used as an automotive repair and sales dealership facility. One 500-gallon underground waste oil tank was removed from the site on February 7, 1992. A detailed discussion of historical investigations at the site is provided in RGA's Subsurface Investigation Work Plan dated July 19, 2007 (document 0271.W1). Documentation of historical investigations at the site is provided in the following documents.

- Patterson Ranch Used Oil Storage Tank Removal report dated May 21, 1992 prepared by Burlington Environmental, Inc. (Burlington),
- Preliminary Site Assessment Report dated March 11, 1994 prepared by Burlington,
- Further Assessment of Groundwater report dated November 4, 1999 prepared by Geo-Logic,
- Subsurface Investigation Work Plan dated July 19, 2007 prepared by RGA,
- Well Survey Report dated February 23, 2010 prepared by RGA,
- Preferential Pathway Survey Report dated February 23, 2010 prepared by RGA.
- Site Conceptual Model Report dated May 4, 2011 prepared by RGA.

FIELD ACTIVITIES

Prior to drilling, Alameda County Public Works Agency (ACPWA) permit W2013-0833 was obtained for the drilling of boreholes B8 and B9. In addition, the drilling locations were marked with white paint, Underground Service Alert (USA) was notified for underground utility location, and a health and safety plan was prepared.

Continuous Coring and Depth-Discrete Groundwater Sample Collection

On October 3 and 4, 2013 RGA personnel oversaw drilling at locations B8 and B9 (see Figure 2). Drilling was performed by Vironex, Inc. of Concord, California (Vironex) using Geoprobe direct push technology. Continuous cores were collected at locations B8 and B9 to total depths of 20.0 and 15.0 feet bgs, respectively, using a Geoprobe Macrocore barrel sampler lined with transparent PVC sleeves.

The soil from the continuously cored boreholes was logged in the field in accordance with the Unified Soil Classification System (USCS) and was field screened with a photoionization detector (PID) equipped with a 10.6 eV bulb and calibrated with a 100 ppm isobutylene standard. PID values were recorded on the boring logs. The soil from the continuous cores was also field screened for odors, staining, and discoloration. Elevated PID values were measured and odors, staining, and discoloration were observed only in the soil from continuously cored borehole B9 as follows.

- In borehole B9 discoloration was observed between the depths of 9.0 and 12.5 feet bgs; and moderate petroleum odors with associated PID values of 43 to 52 ppm were encountered between the depths of 9.0 and 13.0 feet bgs.

Soil samples were retained for laboratory analysis from borehole B8 at depths of 2.5 and 7.5 feet bgs and from borehole B9 at depths of 2.5 and 9.0 feet bgs by sequentially covering the ends of the selected portion of the barrel sampler transparent PVC tube with aluminum foil and plastic endcaps, and then labeling and storing each tube in a cooler with ice pending delivery to the laboratory. Chain of custody procedures will be observed for all sample handling.

Groundwater was not encountered in continuously cored borehole B8 during drilling to a depth of 15.0 feet bgs on October 3, 2013. A temporary 1-inch diameter slotted PVC pipe was placed in the borehole and the casing was dry and remained dry during October 3, 2013. The borehole was temporarily capped with bentonite at the end of the day and allowed to recharge overnight. At the beginning of October 4, 2013 following determination that the temporary slotted PVC casing in borehole B8 was dry, the temporary PVC casing was removed from the borehole and the borehole was continuously cored to 20.0 feet bgs using methods described above. Groundwater was encountered at 18.0 feet bgs during drilling and a temporary 1-inch diameter slotted casing was placed in borehole B8 to a depth of 20.0 feet bgs. However, no water was detected in the temporary PVC casing. The borehole was temporarily capped again with bentonite and allowed to recharge over the weekend. On October 7, 2013 water was measured in borehole B8 at a depth of 11.1 feet bgs.

Groundwater was encountered in continuously cored borehole B9 at a depth of 12.0 feet bgs during drilling to a depth of 15.0 feet bgs on October 3, 2013. A temporary 1-inch diameter

slotted casing was placed in the borehole, and the borehole was temporarily capped with a bentonite seal to allow any potential free product to enter the borehole. On October 4, 2013 water was measured in borehole B9 at a depth of 9.7 feet bgs.

Copies of the boring logs for the continuously cored boreholes are attached with this report as Appendix A.

Prior to groundwater sample collection in each borehole, the presence of free product on water in the borehole was evaluated in the following manner. A steel tape with petroleum-finding paste and water-finding paste was inserted into the borehole to determine if any measurable free product was present. No measurable free product was detected on the water in the borehole. The presence of free product was also evaluated by inserting a polyethylene tube into the temporary PVC pipe that was connected to a peristaltic pump. The pump was operated while the bottom of the tube was still above the liquid in the borehole and the tube was slowly inserted into the temporary PVC pipe until the surface of the fluid in the borehole was drawn into the tubing. The fluid that was drawn into the tube was discharged into a container and was evaluated for the presence of a separate phase layer, including evidence of a sheen and petroleum hydrocarbon odor. No separate phase layer, petroleum hydrocarbon odor, or sheen was observed on the water for either borehole.

A groundwater sample was collected from the temporary PVC pipe using new polyethylene tubing and silicone tubing for each borehole with a peristaltic pump. The borehole B9 groundwater sample was collected on October 4, 2013 and the borehole B8 groundwater sample was collected on October 7, 2013. Each groundwater sample was transferred to 40-milliliter VOAs directly from the discharge tubing. All of the VOAs were supplied by the laboratory and contained hydrochloric acid preservative. The sample bottles were labeled and placed in a cooler with ice pending delivery to the laboratory. Chain of custody procedures were observed for all sample handling.

All drilling and sampling equipment was cleaned with an Alconox solution followed by a clean water rinse prior to use in each borehole. Following completion of logging and sample collection activities, the boreholes were filled with neat cement grout. All soil generated during subsurface investigation was stored in a labeled five gallon bucket at the site pending characterization and proper disposal.

Investigation-Derived Waste Disposal

On November 4, 2013 one five gallon bucket of soil was removed from the site as non-hazardous waste by Icon Environmental, Inc. (Icon) of Union City California to the Icon Union facility for subsequent disposal at a facility designated for disposal of petroleum-impacted using non-hazardous waste manifest 10323. A copy of the non-hazardous waste manifest is attached with this report as Appendix B.

GEOLOGY AND HYDROGEOLOGY

A detailed discussion of the site geology and hydrogeology is provided in RGA's May 4, 2011 Site Conceptual Model Report (document 0271.R4). The subsurface materials encountered in boreholes B8 and B9 are consistent with the predominantly clay and silt materials previously encountered in boreholes at the site. Coarse-grained materials encountered in the boreholes at the site consisted of clayey sand in borehole B8 between the depths of 10.0 and 10.5 feet bgs, and in borehole B9 between the depths of 9.0 to 11.0 and 12.0 to 13.0 feet bgs.

There are no groundwater monitoring wells at the site to provide historical groundwater level measurements or groundwater flow direction. Groundwater has historically been reported at depths ranging from approximately 9 to 14 feet bgs in the former waste oil UST pit and soil borings at the site. The static groundwater level in boreholes B8 and B9 was measured at 11.1 and 9.7 feet bgs, respectively prior to groundwater sample collection.

At the nearby site at 3943 Broadway, approximately 850 feet south of the subject site, water level measurements reported between November 2001 and June 2008 in 12 groundwater monitoring wells typically ranged between approximately 8 and 11 feet bgs, with most measurements between either 8 and 10 feet bgs or 9 and 11 feet bgs. Based on water level measurements in the groundwater monitoring wells at 3943 Broadway, the groundwater flow direction calculated by others has ranged from the west-southwest to the southwest. This west-southwest to southwest groundwater flow direction is consistent with the expected groundwater flow direction at the subject site based on the surface topography in the immediate vicinity of the subject site.

LABORATORY ANALYSIS

All of the soil and groundwater samples collected from boreholes B8 and B9 were analyzed at McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California. The soil samples were analyzed for PAHs using EPA Method 3550B in conjunction with EPA Method 8270C-SIM and for Volatile Organic Compounds (VOCs) using EPA Method 5030B in conjunction with EPA Method 8260B. The groundwater samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G) using EPA Method 5030B in conjunction with EPA Method 8021B and modified EPA Method 8015B, for Total Petroleum Hydrocarbons as Diesel (TPH-D) and Total Petroleum Hydrocarbons as Bunker Oil (TPH-BO) using EPA Methods 3510C and 3630C in conjunction with EPA Method 8015B using silica gel cleanup, for methyl-tert-butyl ether (MTBE), benzene, toluene, ethylbenzene, and xylenes (MBTEX) using EPA Method 5030B in conjunction with EPA Method 8260B.

The analytical results for the soil samples collected from boreholes B8 and B9 (B8-2.5, B8-7.5, B9-2.5, and B9-9.0) are summarized in Table 1, and the analytical results for the groundwater

samples B8-W and B9-W are summarized in Table 2. Copies of the laboratory analytical reports are attached to this report as Appendix C.

DISCUSSION AND RECOMMENDATIONS

In accordance with the ACEH July 9, 2012 letter, the August 16, 2013 meeting at ACEH offices, and RGA's August 19, 2013 work plan borehole B8 was drilled adjacent to the former waste oil UST pit (the source area), and borehole B9 was drilled where the highest groundwater petroleum hydrocarbon concentration was detected at the site to evaluate LTCP criteria as follows:

- General Criteria d (Free Product),
- Media Specific Critera for Groundwater,
- Media Specific Criteria for Direct Contact and Outdoor Air Criteria.

Review of Table 1 shows that no analytes were detected in soil samples B8-2.5, B8-7.5, B9-2.5, and B9-9.0 with the exceptions of the two PAHs chrysene and pyrene in sample B9-9.0 at concentrations of 0.016 and 0.026 milligrams per kilogram (mg/kg). Review of Table 2 shows that no analytes were detected in either groundwater sample B8-W or B9-W.

Review of the two detected PAHs shows that only chrysene is evaluated for the benzo(a)pyrene toxicity equivalent (BaPe) value when comparing PAH sample results with LTCP Table 1 Concentrations of Petroleum Constituents That Will Have No Significant Risk of Adversely Affecting Human Health screening levels. The BaPe procedure consists of multiplying all detected PAHs that are considered during the BaPe evaluation (benzo(a)pyrene, benzo(a)anthracene), benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) by their corresponding toxicity equivalent factors, followed by a summation of these BaPe concentrations and comparison of the sum with the screening level. The toxicity equivalent factor for chrysene is 0.016. The BaPe value for the detected chrysene in sample B9-9.0 is calculated as follows:

0.016 mg/kg X 0.016 = 0.00026 mg/kg.

Review of the detected soil sample results in Table 1 shows that no analytes were detected at concentrations that exceed their respective LTCP Table 1 Concentrations of Petroleum Constituents That Will Have No Significant Risk of Adversely Affecting Human Health for each of residential, commercial/industrial, and utility worker exposure. The two detected PAH compound concentrations are also below their respective San Francisco Bay Regional Water Quality Control Board (RWQCB) May 2013 Table A-1 shallow soil screening levels for each of residential and commercial land use.

The results of the evaluation of the three LTCP criteria that were identified by the ACEH as requiring further evaluation prior to consideration of the site for closure are as follows.

- General Criteria d (Free Product) – No free product was identified in either of the boreholes.
- Media Specific Critera for Groundwater – The extent of petroleum hydrocarbons in groundwater at the site has been defined by the sample results which showed that no petroleum hydrocarbons were detected. The site satisfies Class 1 criteria for Groundwater-Specific Criteria.
- Media Specific Criteria for Direct Contact and Outdoor Air Criteria – No analytes were detected at concentrations exceeding their respective LTCP Table 1 Concentrations of Petroleum Constituents That Will Have No Significant Risk of Adversely Affecting Human Health for each of residential, commercial/industrial, and utility worker exposure.

Based on the absence of free product in either of the boreholes, the defined extent of petroleum hydrocarbons in groundwater, and the absence of compounds exceeding LTCP Table 1 criteria, RGA recommends that no further action be performed and that the case be closed in accordance with the LTCP.

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.

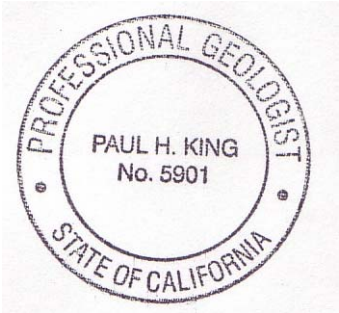
November 18, 2013
Report 0271.R5

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: 12/31/13



Attachments:

Table 1 –Summary of Borehole Soil Sample Analytical Results
Table 2 – Summary of Borehole Groundwater Sample Analytical Results

Figure 1 – Site Location Map
Figure 2 – Site Vicinity Map
Figure 3 – Site Plan Detail

Appendix A – Boring Logs
Appendix B – Uniform Non-Hazardous Waste Manifest
Appendix C – Laboratory Reports and Chain of Custody Documentation

PHK/ hd/mld/sjc
0271.R5

TABLES

Table 1
Summary of Borehole Soil Sample Analytical Results

Sample ID	Sample Date	Sample Depth (Ft bgs)	PAHs by EPA Method 8270C	Naphthalene	VOCs by EPA Method 8260B
B8-2.5	10/3/2013	2.5	All ND	ND<0.0050	All ND
B8-7.5	10/3/2013	7.5	All ND	ND<0.0050	All ND
B9-2.5	10/3/2013	2.5	All ND	ND<0.0050	All ND
B9-9.0	10/3/2013	9.0	All ND, except chrysene = 0.016, pyrene = 0.026	ND<0.0050	All ND
LTCP[1]		0 to 5	PAH = 0.063	9.7	Benzene = 1.9, Ethylbenzene = 21
		5 to 10	PAH = NA	9.7	Benzene = 2.8, Ethylbenzene = 32
LTCP[2]		0 to 5	PAH = 0.68	45	Benzene = 8.2, Ethylbenzene = 89
		5 to 10	PAH = NA	45	Benzene = 12, Ethylbenzene = 134
LTCP[3]		0 to 10	PAH = 4.5	219	Benzene = 14, Ethylbenzene = 314
ESL [1]		0 to 9.9	*chrysene = 3.8, pyrene = 85*	*1.2*	*Various*
ESL [2]		0 to 9.9	*chrysene = 4.5, pyrene = 85*	*1.2*	*Various*

NOTES

Ft bgs = Feet Below Ground Surface.

PAHs = Polynuclear Aromatic Hydrocarbons

VOCs = Volatile Organic Compounds.

ND = Not Detected.

LTCP[1] = Low Threat Closure Policy by State Water Resources Control Board August 17, 2012 Table 1 - Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health - Residential Exposure Scenario.

LTCP[2] = Low Threat Closure Policy by State Water Resources Control Board August 17, 2012 Table 1 - Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health - Commercial/Industrial Exposure Scenario.

LTCP[3] = Low Threat Closure Policy by State Water Resources Control Board August 17, 2012 Table 1 - Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health - Utility Worker Exposure Scenario.

ESL [1] = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated May 2013, from Table A-1 – Shallow Soil Screening Levels, Groundwater is a current or potential drinking water resource. Residential Land Use.

ESL [2] = Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated May 2013, from Table A-2 – Shallow Soil Screening Levels, Groundwater is a current or potential drinking water resource. Commercial/Industrial Land Use.

Results, LTCP values and ESLs reported in milligrams per kilogram (mg/kg) unless otherwise indicated.

Table 2
Summary of Borehole Groundwater Sample Analytical Results

Sample ID	Sample Date	TPH-G	TPH-D	TPH-BO	MTBE	Benzene	Toluene	Ethylbenzene	Total Xylenes
B8-W	10/7/2013	ND<50	ND<50	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B9-W	10/4/2013	ND<50	ND<50	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
ESL [1]		*100*	*100*	*100*	*5.0*	*1.0*	*40*	*30*	*20*
NOTES:									
TPH-G = Total Petroleum Hydrocarbons as Gasoline.									
TPH-D = Total Petroleum Hydrocarbons as Diesel.									
TPH-BO = Total Petroleum Hydrocarbons as Bunker oil.									
MTBE = Methyl-tert-Butyl Ether.									
ND = Not Detected.									
ESL [1] =Environmental Screening Level, by San Francisco Bay – Regional Water Quality Control Board, updated May 2013, from Table F-1a – Groundwater Screening Levels,									
groundwater is a current or potential drinking water resource.									
Results and ESLs reported in micrograms per liter (µg/L) unless otherwise indicated.									

FIGURES

Figure 1
Site Location Map
Downtown Toyota
4145 Broadway
Oakland, California

Base Map From:
U.S. Geological Survey Oakland West, California 7.5-minute Quadrangle
Photorevised 1993

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

0 1,000 2,000
Approximate Scale in Feet

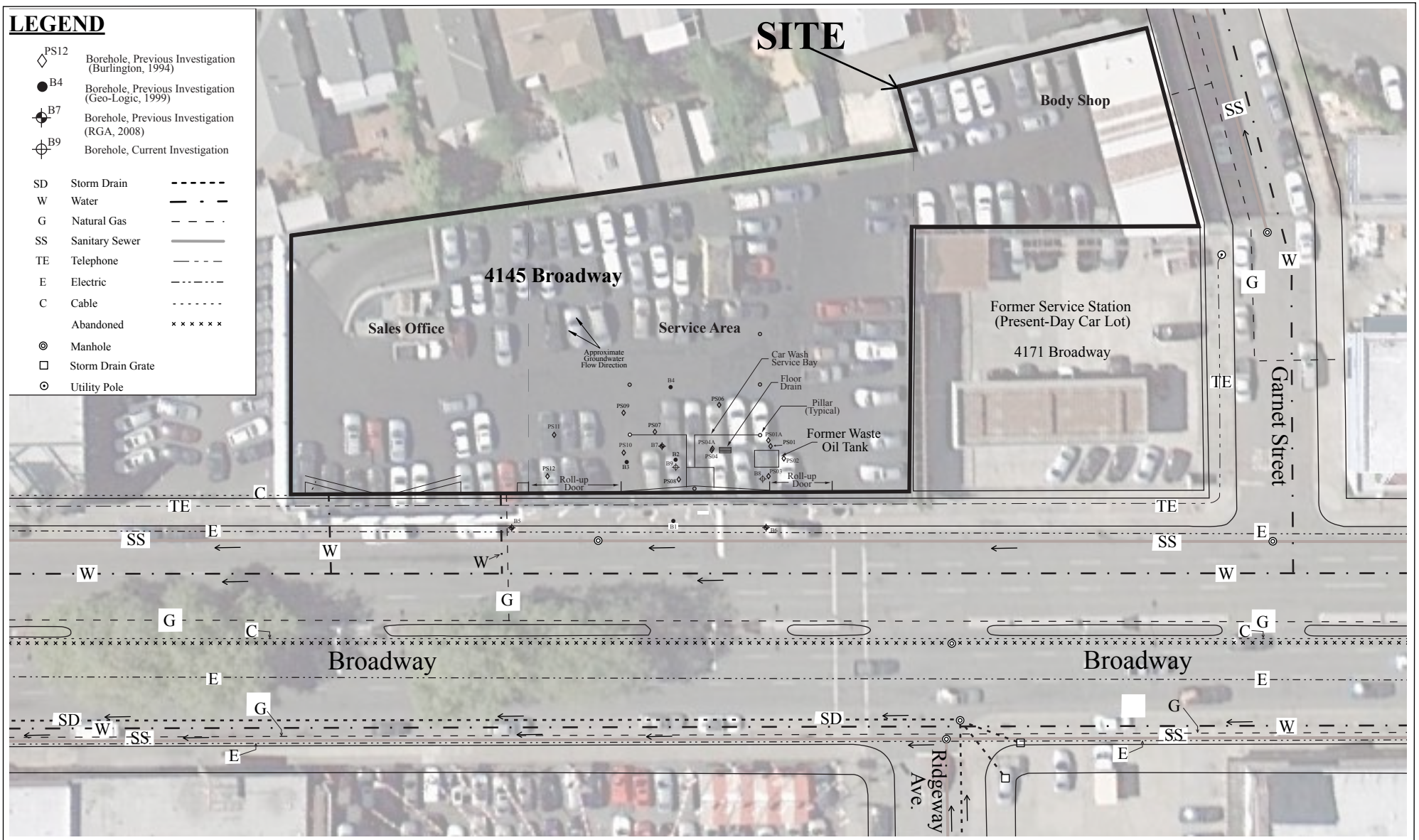


Figure 2
Site Vicinity Map
Downtown Toyota
4145 Broadway
Oakland, California

N

Base Map from:
Andrew P. Anderson, Architect
Doten Pontiac Site Plan
June 1966, and Google Earth October 2009

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

0 25 50
Approximate Scale in Feet

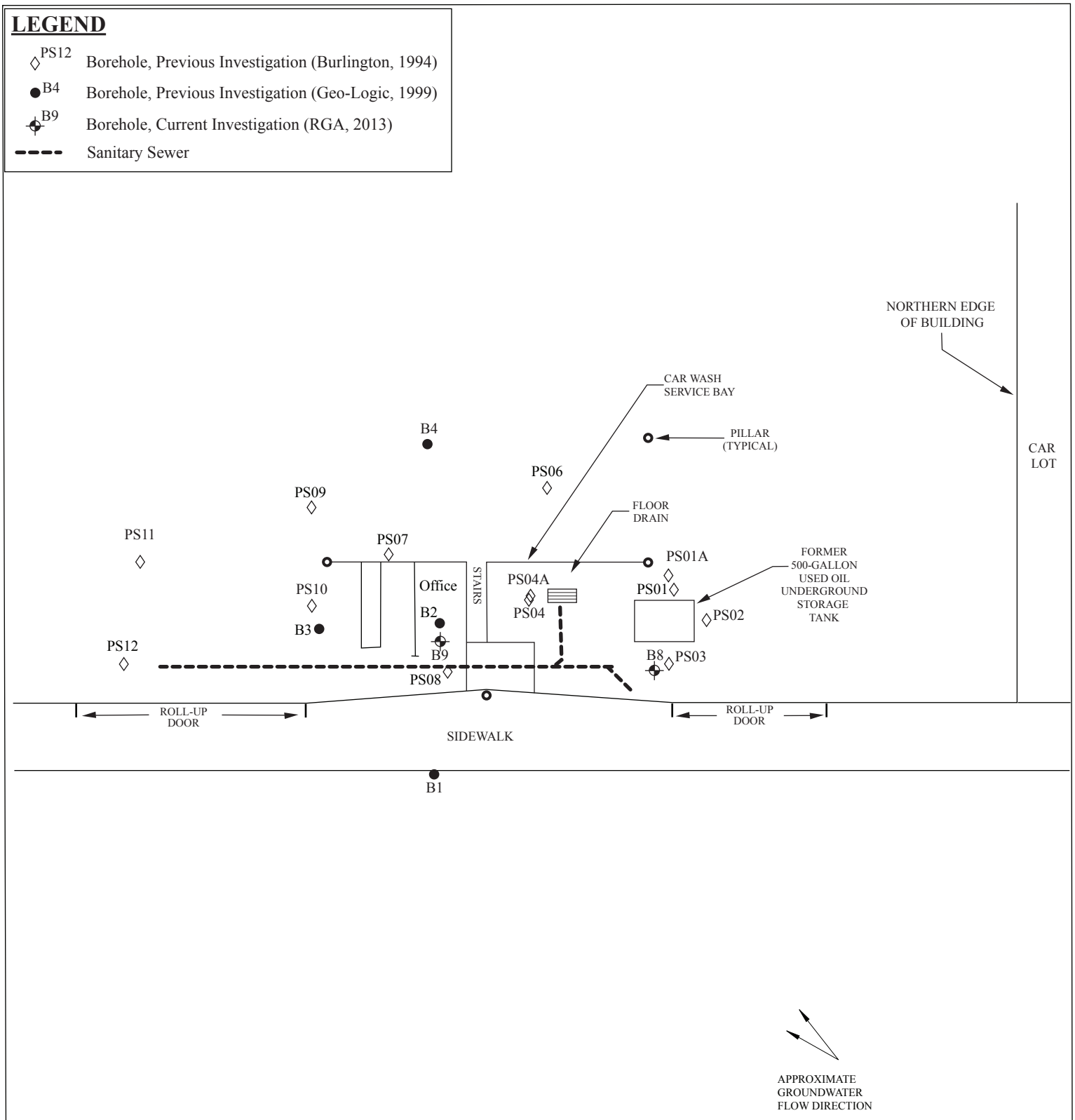


Figure 3
Site Plan Detail
Downtown Toyota
4145 Broadway
Oakland, California

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

0 10 20
Approximate Scale in Feet

N

APPENDIX A

Boring Logs

RGA ENVIRONMENTAL, INC.

BORING NO.: B8	PROJECT NO.: 0271	PROJECT NAME: 4145 Broadway, Oakland	
BORING LOCATION: Approximately 2 ft. south and 3 ft. west of roll-up door			ELEVATION AND DATUM: None
DRILLING AGENCY: Vironex, Inc.	DRILLER: Matt	DATE & TIME STARTED: 10/03/13 0955	DATE & TIME FINISHED: 10/07/13 1000
DRILLING EQUIPMENT: Geoprobe Badger			
COMPLETION DEPTH: 20.0 Feet	BEDROCK DEPTH: Not Encountered	LOGGED BY: MLBD	CHECKED BY: PMK
FIRST WATER DEPTH: 18.0 Feet	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 0.5 ft. Concrete (5-inch) and base rock.			No Well Constructed		On 10/03/13 borehole continuously cored from 0.0 to 15.0 ft. using a 3.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The barrel sampler was lined with a 2.8-foot long 1.5-inch O.D. transparent PVC tube.
	0.5 to 4.0 ft. Black clay (CL); medium stiff, moist, with trace coarse sand. No Petroleum Hydrocarbon (PHC) odor. (0,5,95) X			B8-2.5	0	
5		CL			0	0.0 to 3.0 ft. 2.8 ft. recovery 3.0 to 6.0 ft. 2.8 ft. recovery 6.0 to 9.0 ft. 2.8 ft. recovery 9.0 to 12.0 ft. 2.8 ft. recovery 12.0 to 15.0 ft. 2.8 ft. recovery
	4.0 to 10.0 ft. Dark Brown gravelly sandy clay (CL); medium stiff, moist, with few coarse angular gravel to 0.25-inch diameter, and orange mottling. No PHC odor. (5,15,80) X			B8-7.5	0	Water not encountered during drilling to 15.0 ft. Temporary 1.0-inch diameter slotted PVC casing placed in borehole. Casing was dry at 1540.
10	10.0 to 10.5 ft. Dark brown clayey sand (SC); medium dense, moist, with light brown mottling. No PHC odor. (0,75,15)	SC			0	On 10/04/13 borehole was dry at 0730. Borehole advanced to 20.0 ft.
	10.5 to 12.0 ft. Brown sandy silt (ML); medium stiff, moist, with orange mottling. No PHC odor. (0,30,70)	ML	▼			15.0 to 18.0 ft. 2.8 ft. recovery 18.0 to 20.0 ft. 1.8 ft. recovery
	12.0 to 17.5 ft. Dark brown sandy clay (CL); hard, moist, with some medium coarse sand. No PHC odor. (0,15,85)				0	Water encountered during drilling at 18.0 ft. at 0800. Borehole was dry at 0930. Borehole was temporarily capped with bentonite to allow for recharge over the weekend.
15	17.5 to 18.0 ft. Dark brown gravelly sandy clay (CL); soft, wet, with some coarse angular gravel to 0.25-inch diameter. No PHC odor. (10,60,30) Wet at 17.5 ft. Saturated at 18.0 ft.	CL			0	Water level was measured at 11.1 ft. at 0844 on 10/07/13. Also on 10/07/13 borehole checked for free product using a steel tape and water and petroleum finding pastes. Free product also evaluated using a peristaltic pump and polyethylene tubing. No free product detected.
	18.0 to 20.0 ft. Brown silty clay (CL); stiff, saturated. No PHC odor. (0,0,100)		▽		0	
20						Water sample B8-W collected at 0910 using new unused disposable polyethylene tubing and a peristaltic pump. No odor or sheen on sample. Water level measured after water sample collection at 11.5 ft. at 0932. Borehole grouted on 10/07/13 using neat cement and a tremie pipe. Mr. Steve Miller with Alameda County Public Works Agency gave verbal approval to grout the borehole without his presence.
25						Drilling Notes: 1) Field estimates of percent gravel, sand, and fines are shown in parentheses. 2) Density determinations are qualitative and are not based on quantitative evaluation.
30						

RGA ENVIRONMENTAL, INC.

BORING NO.: B9	PROJECT NO.: 0271	PROJECT NAME: 4145 Broadway, Oakland	
BORING LOCATION: Approximately 4 ft. south and 11 ft. east of northwest corner of office		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex, Inc.	DRILLER: Matt	DATE & TIME STARTED: 10/03/13 1345	DATE & TIME FINISHED: 10/04/13 0800
DRILLING EQUIPMENT: Geoprobe Badger			
COMPLETION DEPTH: 15.0 Feet	BEDROCK DEPTH: Not Encountered	LOGGED BY: MLBD	CHECKED BY: PMK
FIRST WATER DEPTH: 12.0 Feet	NO. OF SAMPLES: 2 Soil, 1 Water		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 0.5 ft. Concrete (5-inch) and base rock.			No Well Constructed		On 10/03/13 borehole continuously cored from 0.0 to 15.0 ft. using a 3.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The barrel sampler was lined with a 2.8-foot long 1.5-inch O.D. transparent PVC tube.
	0.5 to 3.5 ft. Black clay (CL); medium stiff, moist, with trace coarse sand. No Petroleum Hydrocarbon (PHC) odor. (0,5,95) X			B9-2.5		
5	3.5 to 7.0 ft. Dark brown silty clay (CL); medium stiff, moist, with few coarse sand. No PHC odor. (0,5,95)	CL			0	0.0 to 3.0 ft. 2.8 ft. recovery 3.0 to 6.0 ft. 2.8 ft. recovery 6.0 to 9.0 ft. 2.8 ft. recovery 9.0 to 12.0 ft. 2.8 ft. recovery 12.0 to 15.0 ft. 2.8 ft. recovery
	7.0 to 9.0 ft. Brown gravelly sandy clay (CL); medium stiff, moist, with few coarse angular gravel to 0.25-inch diameter, and orange mottling. No PHC odor. (5,15,80)				0	Water encountered during drilling at 12.0 ft. at 1430.Temporary 1.0-inch diameter slotted PVC casing placed in borehole.
	9.0 to 11.0 ft. Brown gravelly clayey sand (SC); medium dense, moist, with abundant coarse angular gravel to 0.5-inch diameter. Moderate PHC odor. (15,65,20) 9.0 to 10.0 ft. bluish-gray staining. X			B9-9.0 ▼		
10		SC			52	On 10/03/13 water level was measured at 9.8 ft. at 1440 and at 9.8 ft. at 1450. Borehole was temporarily capped with bentonite to allow for potential free product to enter the borehole.
	11.0 to 12.0 ft. Brown clayey silt (ML); medium stiff, moist to wet, with black mottling and bluish-gray staining from 12.0 ft. to 12.5 ft. No PHC odor. (0,0,100) Wet at 11.5 ft. Saturated at 12.0 ft.	ML		▽	0.2	
		SC			43	Water level was measured on 10/04/13 at 9.7 ft. at 0732. Borehole checked for free product using a steel tape and water and petroleum finding pastes. Free product was
	12.0 to 13.0 ft. Dark brown gravelly clayey sand (SC); soft, saturated, with abundant coarse angular gravel to 0.5-inch diameter. Moderate PHC odor. (20,40,40)	CL			1.8	
	13.0 to 14.0 ft. Brown gravelly sandy clay (CL); medium dense, saturated, with few coarse angular gravel to 0.5-inch diameter, and orange mottling. Slight PHC odor. (90,30,60)	ML			0	
15	14.0 to 15.0 ft. Brown clayey silt (ML); dense, saturated, with black mottling. No PHC odor. (0,0,100)					also evaluated using a peristaltic pump and polyethylene tubing. No free product detected. Water sample B9-W collected at 0740 using new unused disposable polyethylene tubing and a peristaltic pump. No odor or sheen on sample.
20						Water level measured after water sample collection at 9.6 ft. at 0755. Borehole grouted on 10/04/13 using neat cement and a tremie pipe. Mr. Steve Miller with Alameda County Public Works Agency onsite to observe and document grouting of the borehole.
25						<u>Drilling Notes:</u> 1) Field estimates of percent gravel, sand, and fines are shown in parentheses. 2) Density determinations are qualitative and are not based on quantitative evaluation.
30						

APPENDIX B

Uniform Non-Hazardous Waste Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	2. Page 1 of 1	3. Document Number
		No. 10323

GENERATOR

4. Generator's Name and Mailing Address

Downtown Toyota of Oakland
4145 Broadway
Oakland, CA 94611

Generator's Phone

5. Transporter Company Name	6. US EPA ID Number	7. Transporter Phone
Icon Environmental Services	CAL 000 362 980	

8. Designated Facility Name and Site Address	9. US EPA ID Number	10. Facility's Phone
Icon Environmental Services Inc 1220 Whipple Road Union City, CA 94587	CAL 000 369 026	510-476-1740

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous waste, ~~liquid~~ Solid	002	DF	20	P
b.				

15. Special Handling Instructions and Additional Information

WEAR PPE
Emergency Contact
510-476-1740
attn: charley Seaton

P & D Environmental

Handling Codes for Wastes Listed Above	
11a.	11b.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
X DANIEL VAROSH	X	11	4	13

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles Seaton		11	04	13

FACILITY

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name	Signature	Month	Day	Year

WHITE – ORIGINAL (Return to Generator) YELLOW – TSDF (Retain Copy) PINK – TRANSPORTER COPY GOLDENROD – GENERATOR'S COPY

APPENDIX C

Laboratory Reports and Chain of Custody Documentation

- **McCampbell Work Order # 1310196: Soil Samples B8-2.5, B8-7.5, B9-2.5, and B9-9.0 PAHs and VOCs Results**
- **McCampbell Work Order # 1310238: Groundwater Sample B8-W TPH and MBTEX Results**
- **McCampbell Work Order # 1310187: Groundwater Sample B9-W TPH and MBTEX Results**

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1310196

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

Project Contact: Paul King
Project P.O.:
Project Name: PZ33580/0271.R5; Downtown Toyota

Project Received: 10/04/2013

Analytical Report reviewed & approved for release on 10/11/2013 by:

Question about your data?

Click here to email McCampbell

Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

Glossary of Terms & Qualifier Definitions

Client: RGA Environmental
Project: PZ33580/0271.R5; Downtown Toyota
WorkOrder: 1310196

Glossary Abbreviation	Description
95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
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.
RD	Relative Difference
RL	Reporting Limit
RPD	Relative Percent Deviation
SPK Val	Spike Value
SPKRef Val	Spike Reference Value

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B8-2.5	1310196-001A	Soil	10/03/2013 10:40	GC10	82528

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	10/11/2013 04:09
tert-Amyl methyl ether (TAME)	ND	0.0050	1	10/11/2013 04:09
Benzene	ND	0.0050	1	10/11/2013 04:09
Bromobenzene	ND	0.0050	1	10/11/2013 04:09
Bromochloromethane	ND	0.0050	1	10/11/2013 04:09
Bromodichloromethane	ND	0.0050	1	10/11/2013 04:09
Bromoform	ND	0.0050	1	10/11/2013 04:09
Bromomethane	ND	0.0050	1	10/11/2013 04:09
2-Butanone (MEK)	ND	0.020	1	10/11/2013 04:09
t-Butyl alcohol (TBA)	ND	0.050	1	10/11/2013 04:09
n-Butyl benzene	ND	0.0050	1	10/11/2013 04:09
sec-Butyl benzene	ND	0.0050	1	10/11/2013 04:09
tert-Butyl benzene	ND	0.0050	1	10/11/2013 04:09
Carbon Disulfide	ND	0.0050	1	10/11/2013 04:09
Carbon Tetrachloride	ND	0.0050	1	10/11/2013 04:09
Chlorobenzene	ND	0.0050	1	10/11/2013 04:09
Chloroethane	ND	0.0050	1	10/11/2013 04:09
Chloroform	ND	0.0050	1	10/11/2013 04:09
Chloromethane	ND	0.0050	1	10/11/2013 04:09
2-Chlorotoluene	ND	0.0050	1	10/11/2013 04:09
4-Chlorotoluene	ND	0.0050	1	10/11/2013 04:09
Dibromochloromethane	ND	0.0050	1	10/11/2013 04:09
1,2-Dibromo-3-chloropropane	ND	0.0040	1	10/11/2013 04:09
1,2-Dibromoethane (EDB)	ND	0.0040	1	10/11/2013 04:09
Dibromomethane	ND	0.0050	1	10/11/2013 04:09
1,2-Dichlorobenzene	ND	0.0050	1	10/11/2013 04:09
1,3-Dichlorobenzene	ND	0.0050	1	10/11/2013 04:09
1,4-Dichlorobenzene	ND	0.0050	1	10/11/2013 04:09
Dichlorodifluoromethane	ND	0.0050	1	10/11/2013 04:09
1,1-Dichloroethane	ND	0.0050	1	10/11/2013 04:09
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	10/11/2013 04:09
1,1-Dichloroethene	ND	0.0050	1	10/11/2013 04:09
cis-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 04:09
trans-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 04:09
1,2-Dichloropropane	ND	0.0050	1	10/11/2013 04:09
1,3-Dichloropropane	ND	0.0050	1	10/11/2013 04:09
2,2-Dichloropropane	ND	0.0050	1	10/11/2013 04:09
1,1-Dichloropropene	ND	0.0050	1	10/11/2013 04:09

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B8-2.5	**1310196-001A**	**Soil**	**10/03/2013 10:40**	**GC10**	**82528**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 04:09
trans-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 04:09
Diisopropyl ether (DIPE)	ND	0.0050	1	10/11/2013 04:09
Ethylbenzene	ND	0.0050	1	10/11/2013 04:09
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	10/11/2013 04:09
Freon 113	ND	0.10	1	10/11/2013 04:09
Hexachlorobutadiene	ND	0.0050	1	10/11/2013 04:09
Hexachloroethane	ND	0.0050	1	10/11/2013 04:09
2-Hexanone	ND	0.0050	1	10/11/2013 04:09
Isopropylbenzene	ND	0.0050	1	10/11/2013 04:09
4-Isopropyl toluene	ND	0.0050	1	10/11/2013 04:09
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	10/11/2013 04:09
Methylene chloride	ND	0.0050	1	10/11/2013 04:09
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	10/11/2013 04:09
Naphthalene	ND	0.0050	1	10/11/2013 04:09
n-Propyl benzene	ND	0.0050	1	10/11/2013 04:09
Styrene	ND	0.0050	1	10/11/2013 04:09
1,1,1,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 04:09
1,1,2,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 04:09
Tetrachloroethene	ND	0.0050	1	10/11/2013 04:09
Toluene	ND	0.0050	1	10/11/2013 04:09
1,2,3-Trichlorobenzene	ND	0.0050	1	10/11/2013 04:09
1,2,4-Trichlorobenzene	ND	0.0050	1	10/11/2013 04:09
1,1,1-Trichloroethane	ND	0.0050	1	10/11/2013 04:09
1,1,2-Trichloroethane	ND	0.0050	1	10/11/2013 04:09
Trichloroethene	ND	0.0050	1	10/11/2013 04:09
Trichlorofluoromethane	ND	0.0050	1	10/11/2013 04:09
1,2,3-Trichloropropane	ND	0.0050	1	10/11/2013 04:09
1,2,4-Trimethylbenzene	ND	0.0050	1	10/11/2013 04:09
1,3,5-Trimethylbenzene	ND	0.0050	1	10/11/2013 04:09
Vinyl Chloride	ND	0.0050	1	10/11/2013 04:09
Xylenes, Total	ND	0.0050	1	10/11/2013 04:09

Surrogates	REC (%)	Limits	
Dibromofluoromethane	103	70-130	10/11/2013 04:09
Toluene-d8	105	70-130	10/11/2013 04:09
4-BFB	105	70-130	10/11/2013 04:09

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B8-7.5	**1310196-002A**	**Soil**	**10/03/2013 10:50**	**GC10**	**82528**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	10/11/2013 04:51
tert-Amyl methyl ether (TAME)	ND	0.0050	1	10/11/2013 04:51
Benzene	ND	0.0050	1	10/11/2013 04:51
Bromobenzene	ND	0.0050	1	10/11/2013 04:51
Bromochloromethane	ND	0.0050	1	10/11/2013 04:51
Bromodichloromethane	ND	0.0050	1	10/11/2013 04:51
Bromoform	ND	0.0050	1	10/11/2013 04:51
Bromomethane	ND	0.0050	1	10/11/2013 04:51
2-Butanone (MEK)	ND	0.020	1	10/11/2013 04:51
t-Butyl alcohol (TBA)	ND	0.050	1	10/11/2013 04:51
n-Butyl benzene	ND	0.0050	1	10/11/2013 04:51
sec-Butyl benzene	ND	0.0050	1	10/11/2013 04:51
tert-Butyl benzene	ND	0.0050	1	10/11/2013 04:51
Carbon Disulfide	ND	0.0050	1	10/11/2013 04:51
Carbon Tetrachloride	ND	0.0050	1	10/11/2013 04:51
Chlorobenzene	ND	0.0050	1	10/11/2013 04:51
Chloroethane	ND	0.0050	1	10/11/2013 04:51
Chloroform	ND	0.0050	1	10/11/2013 04:51
Chloromethane	ND	0.0050	1	10/11/2013 04:51
2-Chlorotoluene	ND	0.0050	1	10/11/2013 04:51
4-Chlorotoluene	ND	0.0050	1	10/11/2013 04:51
Dibromochloromethane	ND	0.0050	1	10/11/2013 04:51
1,2-Dibromo-3-chloropropane	ND	0.0040	1	10/11/2013 04:51
1,2-Dibromoethane (EDB)	ND	0.0040	1	10/11/2013 04:51
Dibromomethane	ND	0.0050	1	10/11/2013 04:51
1,2-Dichlorobenzene	ND	0.0050	1	10/11/2013 04:51
1,3-Dichlorobenzene	ND	0.0050	1	10/11/2013 04:51
1,4-Dichlorobenzene	ND	0.0050	1	10/11/2013 04:51
Dichlorodifluoromethane	ND	0.0050	1	10/11/2013 04:51
1,1-Dichloroethane	ND	0.0050	1	10/11/2013 04:51
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	10/11/2013 04:51
1,1-Dichloroethene	ND	0.0050	1	10/11/2013 04:51
cis-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 04:51
trans-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 04:51
1,2-Dichloropropane	ND	0.0050	1	10/11/2013 04:51
1,3-Dichloropropane	ND	0.0050	1	10/11/2013 04:51
2,2-Dichloropropane	ND	0.0050	1	10/11/2013 04:51
1,1-Dichloropropene	ND	0.0050	1	10/11/2013 04:51

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B8-7.5	**1310196-002A**	**Soil**	**10/03/2013 10:50**	**GC10**	**82528**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 04:51
trans-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 04:51
Diisopropyl ether (DIPE)	ND	0.0050	1	10/11/2013 04:51
Ethylbenzene	ND	0.0050	1	10/11/2013 04:51
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	10/11/2013 04:51
Freon 113	ND	0.10	1	10/11/2013 04:51
Hexachlorobutadiene	ND	0.0050	1	10/11/2013 04:51
Hexachloroethane	ND	0.0050	1	10/11/2013 04:51
2-Hexanone	ND	0.0050	1	10/11/2013 04:51
Isopropylbenzene	ND	0.0050	1	10/11/2013 04:51
4-Isopropyl toluene	ND	0.0050	1	10/11/2013 04:51
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	10/11/2013 04:51
Methylene chloride	ND	0.0050	1	10/11/2013 04:51
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	10/11/2013 04:51
Naphthalene	ND	0.0050	1	10/11/2013 04:51
n-Propyl benzene	ND	0.0050	1	10/11/2013 04:51
Styrene	ND	0.0050	1	10/11/2013 04:51
1,1,1,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 04:51
1,1,2,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 04:51
Tetrachloroethene	ND	0.0050	1	10/11/2013 04:51
Toluene	ND	0.0050	1	10/11/2013 04:51
1,2,3-Trichlorobenzene	ND	0.0050	1	10/11/2013 04:51
1,2,4-Trichlorobenzene	ND	0.0050	1	10/11/2013 04:51
1,1,1-Trichloroethane	ND	0.0050	1	10/11/2013 04:51
1,1,2-Trichloroethane	ND	0.0050	1	10/11/2013 04:51
Trichloroethene	ND	0.0050	1	10/11/2013 04:51
Trichlorofluoromethane	ND	0.0050	1	10/11/2013 04:51
1,2,3-Trichloropropane	ND	0.0050	1	10/11/2013 04:51
1,2,4-Trimethylbenzene	ND	0.0050	1	10/11/2013 04:51
1,3,5-Trimethylbenzene	ND	0.0050	1	10/11/2013 04:51
Vinyl Chloride	ND	0.0050	1	10/11/2013 04:51
Xylenes, Total	ND	0.0050	1	10/11/2013 04:51

Surrogates	REC (%)	Limits	
Dibromofluoromethane	105	70-130	10/11/2013 04:51
Toluene-d8	104	70-130	10/11/2013 04:51
4-BFB	103	70-130	10/11/2013 04:51

(Cont.)

CDPH ELAP 1644 ♦ NELAP 12283CA

BB Analyst's Initial

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B9-2.5	**1310196-003A**	**Soil**	**10/03/2013 13:50**	**GC16**	**82528**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	10/11/2013 15:16
tert-Amyl methyl ether (TAME)	ND	0.0050	1	10/11/2013 15:16
Benzene	ND	0.0050	1	10/11/2013 15:16
Bromobenzene	ND	0.0050	1	10/11/2013 15:16
Bromochloromethane	ND	0.0050	1	10/11/2013 15:16
Bromodichloromethane	ND	0.0050	1	10/11/2013 15:16
Bromoform	ND	0.0050	1	10/11/2013 15:16
Bromomethane	ND	0.0050	1	10/11/2013 15:16
2-Butanone (MEK)	ND	0.020	1	10/11/2013 15:16
t-Butyl alcohol (TBA)	ND	0.050	1	10/11/2013 15:16
n-Butyl benzene	ND	0.0050	1	10/11/2013 15:16
sec-Butyl benzene	ND	0.0050	1	10/11/2013 15:16
tert-Butyl benzene	ND	0.0050	1	10/11/2013 15:16
Carbon Disulfide	ND	0.0050	1	10/11/2013 15:16
Carbon Tetrachloride	ND	0.0050	1	10/11/2013 15:16
Chlorobenzene	ND	0.0050	1	10/11/2013 15:16
Chloroethane	ND	0.0050	1	10/11/2013 15:16
Chloroform	ND	0.0050	1	10/11/2013 15:16
Chloromethane	ND	0.0050	1	10/11/2013 15:16
2-Chlorotoluene	ND	0.0050	1	10/11/2013 15:16
4-Chlorotoluene	ND	0.0050	1	10/11/2013 15:16
Dibromochloromethane	ND	0.0050	1	10/11/2013 15:16
1,2-Dibromo-3-chloropropane	ND	0.0040	1	10/11/2013 15:16
1,2-Dibromoethane (EDB)	ND	0.0040	1	10/11/2013 15:16
Dibromomethane	ND	0.0050	1	10/11/2013 15:16
1,2-Dichlorobenzene	ND	0.0050	1	10/11/2013 15:16
1,3-Dichlorobenzene	ND	0.0050	1	10/11/2013 15:16
1,4-Dichlorobenzene	ND	0.0050	1	10/11/2013 15:16
Dichlorodifluoromethane	ND	0.0050	1	10/11/2013 15:16
1,1-Dichloroethane	ND	0.0050	1	10/11/2013 15:16
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	10/11/2013 15:16
1,1-Dichloroethene	ND	0.0050	1	10/11/2013 15:16
cis-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 15:16
trans-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 15:16
1,2-Dichloropropane	ND	0.0050	1	10/11/2013 15:16
1,3-Dichloropropane	ND	0.0050	1	10/11/2013 15:16
2,2-Dichloropropane	ND	0.0050	1	10/11/2013 15:16
1,1-Dichloropropene	ND	0.0050	1	10/11/2013 15:16

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B9-2.5	**1310196-003A**	**Soil**	**10/03/2013 13:50**	**GC16**	**82528**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 15:16
trans-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 15:16
Diisopropyl ether (DIPE)	ND	0.0050	1	10/11/2013 15:16
Ethylbenzene	ND	0.0050	1	10/11/2013 15:16
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	10/11/2013 15:16
Freon 113	ND	0.10	1	10/11/2013 15:16
Hexachlorobutadiene	ND	0.0050	1	10/11/2013 15:16
Hexachloroethane	ND	0.0050	1	10/11/2013 15:16
2-Hexanone	ND	0.0050	1	10/11/2013 15:16
Isopropylbenzene	ND	0.0050	1	10/11/2013 15:16
4-Isopropyl toluene	ND	0.0050	1	10/11/2013 15:16
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	10/11/2013 15:16
Methylene chloride	ND	0.0050	1	10/11/2013 15:16
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	10/11/2013 15:16
Naphthalene	ND	0.0050	1	10/11/2013 15:16
n-Propyl benzene	ND	0.0050	1	10/11/2013 15:16
Styrene	ND	0.0050	1	10/11/2013 15:16
1,1,1,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 15:16
1,1,2,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 15:16
Tetrachloroethene	ND	0.0050	1	10/11/2013 15:16
Toluene	ND	0.0050	1	10/11/2013 15:16
1,2,3-Trichlorobenzene	ND	0.0050	1	10/11/2013 15:16
1,2,4-Trichlorobenzene	ND	0.0050	1	10/11/2013 15:16
1,1,1-Trichloroethane	ND	0.0050	1	10/11/2013 15:16
1,1,2-Trichloroethane	ND	0.0050	1	10/11/2013 15:16
Trichloroethene	ND	0.0050	1	10/11/2013 15:16
Trichlorofluoromethane	ND	0.0050	1	10/11/2013 15:16
1,2,3-Trichloropropane	ND	0.0050	1	10/11/2013 15:16
1,2,4-Trimethylbenzene	ND	0.0050	1	10/11/2013 15:16
1,3,5-Trimethylbenzene	ND	0.0050	1	10/11/2013 15:16
Vinyl Chloride	ND	0.0050	1	10/11/2013 15:16
Xylenes, Total	ND	0.0050	1	10/11/2013 15:16

Surrogates	REC (%)	Limits	
Dibromofluoromethane	93	70-130	10/11/2013 15:16
Toluene-d8	96	70-130	10/11/2013 15:16
4-BFB	97	70-130	10/11/2013 15:16

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B9-9.0	**1310196-004A**	**Soil**	**10/03/2013 14:05**	**GC10**	**82528**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	10/11/2013 05:33
tert-Amyl methyl ether (TAME)	ND	0.0050	1	10/11/2013 05:33
Benzene	ND	0.0050	1	10/11/2013 05:33
Bromobenzene	ND	0.0050	1	10/11/2013 05:33
Bromochloromethane	ND	0.0050	1	10/11/2013 05:33
Bromodichloromethane	ND	0.0050	1	10/11/2013 05:33
Bromoform	ND	0.0050	1	10/11/2013 05:33
Bromomethane	ND	0.0050	1	10/11/2013 05:33
2-Butanone (MEK)	ND	0.020	1	10/11/2013 05:33
t-Butyl alcohol (TBA)	ND	0.050	1	10/11/2013 05:33
n-Butyl benzene	ND	0.0050	1	10/11/2013 05:33
sec-Butyl benzene	ND	0.0050	1	10/11/2013 05:33
tert-Butyl benzene	ND	0.0050	1	10/11/2013 05:33
Carbon Disulfide	ND	0.0050	1	10/11/2013 05:33
Carbon Tetrachloride	ND	0.0050	1	10/11/2013 05:33
Chlorobenzene	ND	0.0050	1	10/11/2013 05:33
Chloroethane	ND	0.0050	1	10/11/2013 05:33
Chloroform	ND	0.0050	1	10/11/2013 05:33
Chloromethane	ND	0.0050	1	10/11/2013 05:33
2-Chlorotoluene	ND	0.0050	1	10/11/2013 05:33
4-Chlorotoluene	ND	0.0050	1	10/11/2013 05:33
Dibromochloromethane	ND	0.0050	1	10/11/2013 05:33
1,2-Dibromo-3-chloropropane	ND	0.0040	1	10/11/2013 05:33
1,2-Dibromoethane (EDB)	ND	0.0040	1	10/11/2013 05:33
Dibromomethane	ND	0.0050	1	10/11/2013 05:33
1,2-Dichlorobenzene	ND	0.0050	1	10/11/2013 05:33
1,3-Dichlorobenzene	ND	0.0050	1	10/11/2013 05:33
1,4-Dichlorobenzene	ND	0.0050	1	10/11/2013 05:33
Dichlorodifluoromethane	ND	0.0050	1	10/11/2013 05:33
1,1-Dichloroethane	ND	0.0050	1	10/11/2013 05:33
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	10/11/2013 05:33
1,1-Dichloroethene	ND	0.0050	1	10/11/2013 05:33
cis-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 05:33
trans-1,2-Dichloroethene	ND	0.0050	1	10/11/2013 05:33
1,2-Dichloropropane	ND	0.0050	1	10/11/2013 05:33
1,3-Dichloropropane	ND	0.0050	1	10/11/2013 05:33
2,2-Dichloropropane	ND	0.0050	1	10/11/2013 05:33
1,1-Dichloropropene	ND	0.0050	1	10/11/2013 05:33

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method**	SW5030B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8260B
Date Prepared:	10/4/13	**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
B9-9.0	**1310196-004A**	**Soil**	**10/03/2013 14:05**	**GC10**	**82528**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 05:33
trans-1,3-Dichloropropene	ND	0.0050	1	10/11/2013 05:33
Diisopropyl ether (DIPE)	ND	0.0050	1	10/11/2013 05:33
Ethylbenzene	ND	0.0050	1	10/11/2013 05:33
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	10/11/2013 05:33
Freon 113	ND	0.10	1	10/11/2013 05:33
Hexachlorobutadiene	ND	0.0050	1	10/11/2013 05:33
Hexachloroethane	ND	0.0050	1	10/11/2013 05:33
2-Hexanone	ND	0.0050	1	10/11/2013 05:33
Isopropylbenzene	ND	0.0050	1	10/11/2013 05:33
4-Isopropyl toluene	ND	0.0050	1	10/11/2013 05:33
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	10/11/2013 05:33
Methylene chloride	ND	0.0050	1	10/11/2013 05:33
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	10/11/2013 05:33
Naphthalene	ND	0.0050	1	10/11/2013 05:33
n-Propyl benzene	ND	0.0050	1	10/11/2013 05:33
Styrene	ND	0.0050	1	10/11/2013 05:33
1,1,1,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 05:33
1,1,2,2-Tetrachloroethane	ND	0.0050	1	10/11/2013 05:33
Tetrachloroethene	ND	0.0050	1	10/11/2013 05:33
Toluene	ND	0.0050	1	10/11/2013 05:33
1,2,3-Trichlorobenzene	ND	0.0050	1	10/11/2013 05:33
1,2,4-Trichlorobenzene	ND	0.0050	1	10/11/2013 05:33
1,1,1-Trichloroethane	ND	0.0050	1	10/11/2013 05:33
1,1,2-Trichloroethane	ND	0.0050	1	10/11/2013 05:33
Trichloroethene	ND	0.0050	1	10/11/2013 05:33
Trichlorofluoromethane	ND	0.0050	1	10/11/2013 05:33
1,2,3-Trichloropropane	ND	0.0050	1	10/11/2013 05:33
1,2,4-Trimethylbenzene	ND	0.0050	1	10/11/2013 05:33
1,3,5-Trimethylbenzene	ND	0.0050	1	10/11/2013 05:33
Vinyl Chloride	ND	0.0050	1	10/11/2013 05:33
Xylenes, Total	ND	0.0050	1	10/11/2013 05:33

Surrogates	REC (%)	Limits	
Dibromofluoromethane	106	70-130	10/11/2013 05:33
Toluene-d8	101	70-130	10/11/2013 05:33
4-BFB	105	70-130	10/11/2013 05:33

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method:**	SW3550B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8270C-SIM
Date Prepared:	10/6/13	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B8-2.5	**1310196-001A**	**Soil**	**10/03/2013 10:40**	**GC17**	**82537**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.010	1	10/10/2013 12:21
Acenaphthylene	ND	0.010	1	10/10/2013 12:21
Anthracene	ND	0.010	1	10/10/2013 12:21
Benzo (a) anthracene	ND	0.010	1	10/10/2013 12:21
Benzo (b) fluoranthene	ND	0.010	1	10/10/2013 12:21
Benzo (k) fluoranthene	ND	0.010	1	10/10/2013 12:21
Benzo (g,h,i) perylene	ND	0.010	1	10/10/2013 12:21
Benzo (a) pyrene	ND	0.010	1	10/10/2013 12:21
Chrysene	ND	0.010	1	10/10/2013 12:21
Dibenzo (a,h) anthracene	ND	0.010	1	10/10/2013 12:21
Fluoranthene	ND	0.010	1	10/10/2013 12:21
Fluorene	ND	0.010	1	10/10/2013 12:21
Indeno (1,2,3-cd) pyrene	ND	0.010	1	10/10/2013 12:21
1-Methylnaphthalene	ND	0.010	1	10/10/2013 12:21
2-Methylnaphthalene	ND	0.011	1	10/10/2013 12:21
Naphthalene	ND	0.010	1	10/10/2013 12:21
Phenanthrene	ND	0.010	1	10/10/2013 12:21
Pyrene	ND	0.010	1	10/10/2013 12:21

Surrogates	REC (%)	Limits	
1-Fluoronapthalene	75	30-130	10/10/2013 12:21
2-fluorobiphenyl	67	30-130	10/10/2013 12:21

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method:**	SW3550B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8270C-SIM
Date Prepared:	10/6/13	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B8-7.5	**1310196-002A**	**Soil**	**10/03/2013 10:50**	**GC17**	**82537**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.010	1	10/10/2013 14:43
Acenaphthylene	ND	0.010	1	10/10/2013 14:43
Anthracene	ND	0.010	1	10/10/2013 14:43
Benzo (a) anthracene	ND	0.010	1	10/10/2013 14:43
Benzo (b) fluoranthene	ND	0.010	1	10/10/2013 14:43
Benzo (k) fluoranthene	ND	0.010	1	10/10/2013 14:43
Benzo (g,h,i) perylene	ND	0.010	1	10/10/2013 14:43
Benzo (a) pyrene	ND	0.010	1	10/10/2013 14:43
Chrysene	ND	0.010	1	10/10/2013 14:43
Dibenzo (a,h) anthracene	ND	0.010	1	10/10/2013 14:43
Fluoranthene	ND	0.010	1	10/10/2013 14:43
Fluorene	ND	0.010	1	10/10/2013 14:43
Indeno (1,2,3-cd) pyrene	ND	0.010	1	10/10/2013 14:43
1-Methylnaphthalene	ND	0.010	1	10/10/2013 14:43
2-Methylnaphthalene	ND	0.010	1	10/10/2013 14:43
Naphthalene	ND	0.010	1	10/10/2013 14:43
Phenanthrene	ND	0.010	1	10/10/2013 14:43
Pyrene	ND	0.010	1	10/10/2013 14:43

Surrogates	REC (%)	Limits	
1-Fluoronapthalene	73	30-130	10/10/2013 14:43
2-fluorobiphenyl	64	30-130	10/10/2013 14:43

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method:**	SW3550B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8270C-SIM
Date Prepared:	10/6/13	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B9-2.5	**1310196-003A**	**Soil**	**10/03/2013 13:50**	**GC17**	**82537**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.010	1	10/10/2013 15:11
Acenaphthylene	ND	0.010	1	10/10/2013 15:11
Anthracene	ND	0.010	1	10/10/2013 15:11
Benzo (a) anthracene	ND	0.010	1	10/10/2013 15:11
Benzo (b) fluoranthene	ND	0.010	1	10/10/2013 15:11
Benzo (k) fluoranthene	ND	0.010	1	10/10/2013 15:11
Benzo (g,h,i) perylene	ND	0.010	1	10/10/2013 15:11
Benzo (a) pyrene	ND	0.010	1	10/10/2013 15:11
Chrysene	ND	0.010	1	10/10/2013 15:11
Dibenzo (a,h) anthracene	ND	0.010	1	10/10/2013 15:11
Fluoranthene	ND	0.010	1	10/10/2013 15:11
Fluorene	ND	0.010	1	10/10/2013 15:11
Indeno (1,2,3-cd) pyrene	ND	0.010	1	10/10/2013 15:11
1-Methylnaphthalene	ND	0.010	1	10/10/2013 15:11
2-Methylnaphthalene	ND	0.010	1	10/10/2013 15:11
Naphthalene	ND	0.010	1	10/10/2013 15:11
Phenanthrene	ND	0.010	1	10/10/2013 15:11
Pyrene	ND	0.010	1	10/10/2013 15:11

Surrogates	REC (%)	Limits	Date Analyzed
1-Fluoronapthalene	75	30-130	10/10/2013 15:11
2-fluorobiphenyl	67	30-130	10/10/2013 15:11

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Project:	PZ33580/0271.R5; Downtown Toyota	**Extraction Method:**	SW3550B
Date Received:	10/4/13 21:28	**Analytical Method:**	SW8270C-SIM
Date Prepared:	10/6/13	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B9-9.0	**1310196-004A**	**Soil**	**10/03/2013 14:05**	**GC17**	**82537**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.010	1	10/10/2013 15:40
Acenaphthylene	ND	0.010	1	10/10/2013 15:40
Anthracene	ND	0.010	1	10/10/2013 15:40
Benzo (a) anthracene	ND	0.030	1	10/10/2013 15:40
Benzo (b) fluoranthene	ND	0.010	1	10/10/2013 15:40
Benzo (k) fluoranthene	ND	0.010	1	10/10/2013 15:40
Benzo (g,h,i) perylene	ND	0.010	1	10/10/2013 15:40
Benzo (a) pyrene	ND	0.010	1	10/10/2013 15:40
Chrysene	**0.016**	0.010	1	10/10/2013 15:40
Dibenzo (a,h) anthracene	ND	0.010	1	10/10/2013 15:40
Fluoranthene	ND	0.010	1	10/10/2013 15:40
Fluorene	ND	0.010	1	10/10/2013 15:40
Indeno (1,2,3-cd) pyrene	ND	0.010	1	10/10/2013 15:40
1-Methylnaphthalene	ND	0.010	1	10/10/2013 15:40
2-Methylnaphthalene	ND	0.010	1	10/10/2013 15:40
Naphthalene	ND	0.010	1	10/10/2013 15:40
Phenanthrene	ND	0.010	1	10/10/2013 15:40
Pyrene	**0.026**	0.010	1	10/10/2013 15:40

Surrogates	REC (%)	Limits	
1-Fluoronapthalene	73	30-130	10/10/2013 15:40
2-fluorobiphenyl	65	30-130	10/10/2013 15:40

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Date Prepared:	10/4/13	**BatchID:**	82528
Date Analyzed:	10/9/13 - 10/10/13	**Extraction Method**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	PZ33580/0271.R5; Downtown Toyota	**Sample ID:**	MB/LCS-82528

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	0.0474	0.0050	0.050	-	94.8	70-130
Benzene	ND	0.04551	0.0050	0.050	-	91	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	0.2278	0.050	0.20	-	114	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	0.04588	0.0050	0.050	-	91.8	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	0.04745	0.0040	0.050	-	94.9	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	0.04608	0.0040	0.050	-	92.2	70-130
1,1-Dichloroethene	ND	0.03606	0.0050	0.050	-	72.1	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.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Date Prepared:	10/4/13	**BatchID:**	82528
Date Analyzed:	10/9/13 - 10/10/13	**Extraction Method**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	PZ33580/0271.R5; Downtown Toyota	**Sample ID:**	MB/LCS-82528

QC SUMMARY REPORT FOR SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	0.05038	0.0050	0.050	-	101	70-130
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.04785	0.0050	0.050	-	95.7	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	0.05007	0.0050	0.050	-	100	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	0.04911	0.0050	0.050	-	98.2	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	0.04139	0.0050	0.050	-	82.8	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	0.1155	0.1221		0.12	92	98	70-130
Toluene-d8	0.1238	0.126		0.12	99	101	70-130
4-BFB	0.01248	0.01223		0.012	100	98	70-130

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310196
Date Prepared:	10/6/13	**BatchID:**	82537
Date Analyzed:	10/7/13	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270C-SIM
Matrix:	Soil	**Unit:**	mg/kg
Project:	PZ33580/0271.R5; Downtown Toyota	**Sample ID:**	MB/LCS-82537 1310103-034AMS/MSD

QC SUMMARY REPORT FOR SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	-	0.010	-	-	-	-
Acenaphthylene	ND	-	0.010	-	-	-	-
Anthracene	ND	-	0.010	-	-	-	-
Benzo (a) anthracene	ND	-	0.010	-	-	-	-
Benzo (b) fluoranthene	ND	-	0.010	-	-	-	-
Benzo (k) fluoranthene	ND	-	0.010	-	-	-	-
Benzo (g,h,i) perylene	ND	-	0.010	-	-	-	-
Benzo (a) pyrene	ND	0.1517	0.010	0.20	-	75.8	30-130
Chrysene	ND	0.1693	0.010	0.20	-	84.6	30-130
Dibenzo (a,h) anthracene	ND	-	0.010	-	-	-	-
Fluoranthene	ND	-	0.010	-	-	-	-
Fluorene	ND	-	0.010	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	0.010	-	-	-	-
1-Methylnaphthalene	ND	0.1859	0.010	0.20	-	92.9	30-130
2-Methylnaphthalene	ND	0.1608	0.010	0.20	-	80.4	30-130
Naphthalene	ND	-	0.010	-	-	-	-
Phenanthrene	ND	0.1742	0.010	0.20	-	87.1	30-130
Pyrene	ND	0.1784	0.010	0.20	-	89.2	30-130
Surrogate Recovery							
1-Fluoronapthalene	0.3503	0.343		0.50	70	69	30-130
2-fluorobiphenyl	0.3072	0.3016		0.50	61	60	30-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Benzo (a) pyrene	NR	NR	0	0.041	NR	NR	-	NR	
Chrysene	NR	NR	0	0.041	NR	NR	-	NR	
1-Methylnaphthalene	NR	NR	0	ND<0.02	NR	NR	-	NR	
2-Methylnaphthalene	NR	NR	0	ND<0.02	NR	NR	-	NR	
Phenanthrene	NR	NR	0	0.03	NR	NR	-	NR	
Pyrene	NR	NR	0	0.064	NR	NR	-	NR	
Surrogate Recovery									
1-Fluoronapthalene	NR	NR	0		NR	NR	-	NR	
2-fluorobiphenyl	NR	NR	0		NR	NR	-	NR	

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1310196 **ClientCode: RGAE**

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

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608
(510) 658-6916 FAX: (510) 834-0152

Email: paul.king@rgaenv.com; pdking0000@aol.c
cc:
PO:
ProjectNo: PZ33580/0271.R5; Downtown Toyota

Bill to:
Nick Hecht
RGA Environmental
1466 66th Street
Emeryville, CA 94608
nick.hecht@rgaenv.com

Requested TAT: **5 days**

Date Received: **10/04/2013**
Date Printed: **10/04/2013**

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
1310196-001	B8-2.5	Soil	10/3/2013 10:40	☐	A	A										
1310196-002	B8-7.5	Soil	10/3/2013 10:50	☐	A	A										
1310196-003	B9-2.5	Soil	10/3/2013 13:50	☐	A	A										
1310196-004	B9-9.0	Soil	10/3/2013 14:05	☐	A	A										

Test Legend:

1	8260B_S	2	8270D-PNA_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Zoraida Cortez

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.

CHAIN OF CUSTODY RECORD

1310196

PAGE 1 OF 1

RGA ENVIRONMENTAL

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608
(510) 658-4363

PROJECT NUMBER: PZ33580/0271.R5

PROJECT NAME: DOWNTOWN TOYOTA 4145 BROADWAY OAKLAND, CA

SAMPLED BY: (PRINTED & SIGNATURE) MICHAEL BASS-DESCHENES

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): PAHs (INCLUDING NAPHTHALENE) BY EPA 8270C	VOCs BY EPA 8260B	PRESERVATIVE	REMARKS
B8-2.5	10/3/13	1040	SOIL		1	X	X	ICE	NORMAL TAT
B8-7.5	"	1050	"		1	X	X	"	" "
B9-2.5	10/3/13	1350	SOIL		1	X	X	ICE	" "
B9-9.0	"	1405	"		1	X	X	"	" "

ICE/°C 2.3
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	Total No. of Samples (This Shipment)	LABORATORY:
MICHAEL BASS-DESCHENES	10/4/13	1550		4	MCCAMPBELL ANALYTICAL, INC
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	Total No. of Containers (This Shipment) 4	LABORATORY CONTACT: ANGELA RYDELINS
	10/9/13	1645			LABORATORY PHONE NUMBER: (877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO	

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

McCampbell Analytical, Inc.
"When Quality Counts"

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

Sample Receipt Checklist

Client Name: **RGA Environmental**
Date and Time Received: **10/4/2013 9:28:10 PM**

Project Name: **PZ33580/0271.R5; Downtown Toyota**
LogIn Reviewed by: Zoraida Cortez

WorkOrder N°: **1310196** 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: 2.3°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

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

Comments:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1310238

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

Project Contact: Paul King
Project P.O.:
Project Name: #PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA
Project Received: 10/07/2013

Analytical Report reviewed & approved for release on 10/16/2013 by:

Question about your data?

Click here to email McCampbell

Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

Glossary of Terms & Qualifier Definitions

Client: RGA Environmental
Project: #PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA
WorkOrder: 1310238

Glossary Abbreviation	Description
95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
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.
RD	Relative Difference
RL	Reporting Limit
RPD	Relative Percent Deviation
SPK Val	Spike Value
SPKRef Val	Spike Reference Value

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway	**Extraction Method**	SW5030B
Date Received:	10/7/13 21:07	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	10/9/13	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B8-W	**1310238-001A**	**Water**	**10/07/2013 09:10**	**GC3**	**82686**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	10/09/2013 03:47
MTBE	---	5.0	1	10/09/2013 03:47
Benzene	---	0.50	1	10/09/2013 03:47
Toluene	---	0.50	1	10/09/2013 03:47
Ethylbenzene	---	0.50	1	10/09/2013 03:47
Xylenes	---	0.50	1	10/09/2013 03:47
Surrogates	REC (%)	Limits		
aaa-TFT	104	70-130		10/09/2013 03:47

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway	**Extraction Method**	SW5030B
Date Received:	10/7/13 21:07	**Analytical Method:**	SW8260B
Date Prepared:	10/12/13	**Unit:**	µg/L

MTBE and BTEX by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B8-W	**1310238-001B**	**Water**	**10/07/2013 09:10**	**GC28**	**82839**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.50	1	10/12/2013 22:27
Ethylbenzene	ND	0.50	1	10/12/2013 22:27
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/12/2013 22:27
Toluene	ND	0.50	1	10/12/2013 22:27
Xylenes, Total	ND	0.50	1	10/12/2013 22:27
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	107	70-130		10/12/2013 22:27
Toluene-d8	99	70-130		10/12/2013 22:27

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway	**Extraction Method**	SW3510C/3630C
Date Received:	10/7/13 21:07	**Analytical Method:**	SW8015B
Date Prepared:	10/14/13	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B8-W	**1310238-001A**	**Water**	**10/07/2013 09:10**	**GC9a**	**82872**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	10/15/2013 14:14
TPH-Bunker Oil (C10-C36)	ND	100	1	10/15/2013 14:14
Surrogates	**REC (%)**	**Limits**		
C9	84	70-130		10/15/2013 14:14

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Date Prepared:	10/8/13	**BatchID:**	82686
Date Analyzed:	10/8/13	**Extraction Method**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82686 1310238-001AMS/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	57.52	40	60	-	95.9	70-130
MTBE	ND	10.34	5.0	10	-	103	70-130
Benzene	ND	10.32	0.50	10	-	103	70-130
Toluene	ND	10.53	0.50	10	-	105	70-130
Ethylbenzene	ND	10.42	0.50	10	-	104	70-130
Xylenes	ND	31.66	0.50	30	-	106	70-130
Surrogate Recovery							
aaa-TFT	10.12	10.11		10	101	101	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	61.71	58.89	60	ND	103	98.2	70-130	4.67	20
MTBE	10.73	10.52	10	ND	107	105	70-130	2.03	20
Benzene	10.65	10.36	10	ND	107	104	70-130	2.83	20
Toluene	10.84	10.55	10	ND	108	105	70-130	2.70	20
Ethylbenzene	10.81	10.5	10	ND	108	105	70-130	2.88	20
Xylenes	32.69	31.94	30	ND	109	106	70-130	2.34	20
Surrogate Recovery									
aaa-TFT	10.19	9.973	10		102	100	70-130	2.17	20

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Date Prepared:	10/12/13	**BatchID:**	82839
Date Analyzed:	10/12/13 - 10/13/13	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82839 1310225-001DMS/MSD

QC SUMMARY REPORT FOR SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	-	0.50	-	-	-	-
Benzene	ND	19.04	0.50	20	-	95.2	70-130
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	-	2.0	-	-	-	-
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	-	0.50	-	-	-	-
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	-	0.50	-	-	-	-
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	-	0.50	-	-	-	-
1,1-Dichloroethene	ND	-	0.50	-	-	-	-
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Date Prepared:	10/12/13	**BatchID:**	82839
Date Analyzed:	10/12/13 - 10/13/13	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82839 1310225-001DMS/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	-	0.50	-	-	-	-
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	-	0.50	-	-	-	-
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	21.93	0.50	20	-	110	70-130
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	19.6	0.50	20	-	98	70-130
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	-	0.50	-	-	-	-
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	26.8	26.35		25	107	105	70-130
Toluene-d8	24.77	24.76		25	99	99	70-130
4-BFB	2.435	-		2.5	97	-	-

(Cont.)

CDPH ELAP 1644 ♦ NELAP 12283CA

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Date Prepared:	10/12/13	**BatchID:**	82839
Date Analyzed:	10/12/13 - 10/13/13	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82839 1310225-001DMS/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
Benzene	18.48	19.18	20	ND	92.4	95.9	70-130	3.70	20
Methyl-t-butyl ether (MTBE)	21.2	22.44	20	ND	106	112	70-130	5.65	20
Toluene	18.68	19.4	20	ND	93.4	97	70-130	3.77	20
Surrogate Recovery									
Dibromofluoromethane	26.8	26.68	25		107	107	70-130	0	20
Toluene-d8	24.55	24.3	25		98	97	70-130	1.03	20

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310238
Date Prepared:	10/14/13	**BatchID:**	82872
Date Analyzed:	10/15/13	**Extraction Method**	SW3510C/3630C
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82872

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	920.3	50	1000	-	92	70-130
Surrogate Recovery							
C9	482.8	549		625	77	88	70-130

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1310238 **ClientCode: RGAE**

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

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608
(510) 658-6916 FAX: (510) 834-0152

Email: paul.king@rgaenv.com; pdking0000@aol.c
cc:
PO:
ProjectNo: #PZ33580/0271; Downtown Toyota 4145 Broadway Oakland, CA

Bill to:
Nick Hecht
RGA Environmental
1466 66th Street
Emeryville, CA 94608
nick.hecht@rgaenv.com

Requested TAT: **5 days**

Date Received: **10/07/2013**
Date Printed: **10/07/2013**

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
1310238-001	B8-W	Water	10/7/2013 9:10	☐	B	A										

Test Legend:

1	MBTEX-8260B_W	2	TPH(D)WSG_W	3		4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Daniel Loa

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.

CHAIN OF CUSTODY RECORD 1310238

PAGE 1 OF 1

RGA ENVIRONMENTAL

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608
(510) 658-4363

PROJECT NUMBER: PZ33580/0271

PROJECT NAME: DOWNTOWN TOYOTA 4145 BROADWAY OAKLAND, CA

SAMPLED BY: (PRINTED & SIGNATURE) MICHAEL BASS-DESCHENES

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH(G,D,Ba) BY 8015B WITH SILICA GEL CLEANUP	BTEX AND MTBE BY EPA 8260B	PRESERVATIVE	REMARKS
B8-W	10/7/13	0910	H2O		7	X	X	ICE	NORMAL TAT

ICE/t° 3.1
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE 10/7/13	TIME 1425	RECEIVED BY: (SIGNATURE)	Total No. of Samples (This Shipment) 1	LABORATORY: MCCAMPBELL ANALYTICAL, INC.
RELINQUISHED BY: (SIGNATURE)	DATE 10/7/13	TIME 1530	RECEIVED BY: (SIGNATURE)	Total No. of Containers (This Shipment) 7	LABORATORY CONTACT: ANGELA RYDELIUS
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		LABORATORY PHONE NUMBER: (877) 252-9262
					SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (✓) NO

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS: ALL VOAS PRESERVED WITH HCL

McCampbell Analytical, Inc.
"When Quality Counts"

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

Sample Receipt Checklist

Client Name: **RGA Environmental** Date and Time Received: **10/7/2013 9:07:56 PM**

Project Name: **#PZ33580/0271; Downtown Toyota 4145 Broadway Oakland** LogIn Reviewed by: Daniel Loa

WorkOrder N°: **1310238** Matrix: Water 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: 3.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

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

Comments:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1310187

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

Project Contact: Paul King
Project P.O.:
Project Name: #PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA
Project Received: 10/04/2013

Analytical Report reviewed & approved for release on 10/11/2013 by:

Question about your data?

Click here to email McCampbell

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.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
NELAP: 12283CA ♦ ELAP: 1644 ♦ ISO/IEC: 17025:2005 ♦ WSDE: C972-11 ♦ ADEC: UST-098 ♦ UCMR3

McCampbell Analytical, Inc.
"When Quality Counts"

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

Glossary of Terms & Qualifier Definitions

Client: RGA Environmental
Project: #PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA
WorkOrder: 1310187

Glossary Abbreviation	Description
95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
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.
RD	Relative Difference
RL	Reporting Limit
RPD	Relative Percent Deviation
SPK Val	Spike Value
SPKRef Val	Spike Reference Value

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broad	**Extraction Method**	SW5030B
Date Received:	10/4/13 19:46	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	10/9/13	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B9-W	**1310187-001A**	**Water**	**10/04/2013 07:40**	**GC3**	**82555**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	10/09/2013 06:43
MTBE	---	5.0	1	10/09/2013 06:43
Benzene	---	0.50	1	10/09/2013 06:43
Toluene	---	0.50	1	10/09/2013 06:43
Ethylbenzene	---	0.50	1	10/09/2013 06:43
Xylenes	---	0.50	1	10/09/2013 06:43
Surrogates	REC (%)	Limits		
aaa-TFT	104	70-130		10/09/2013 06:43

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broad	**Extraction Method**	SW5030B
Date Received:	10/4/13 19:46	**Analytical Method:**	SW8260B
Date Prepared:	10/8/13	**Unit:**	µg/L

MTBE and BTEX by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B9-W	**1310187-001B**	**Water**	**10/04/2013 07:40**	**GC28**	**82619**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.50	1	10/08/2013 21:52
Ethylbenzene	ND	0.50	1	10/08/2013 21:52
Methyl-t-butyl ether (MTBE)	ND	0.50	1	10/08/2013 21:52
Toluene	ND	0.50	1	10/08/2013 21:52
Xylenes, Total	ND	0.50	1	10/08/2013 21:52
Surrogates	**REC (%)**	**Limits**		
dibromofluromethane	108	70-130		10/08/2013 21:52
toluene-d8	97	70-130		10/08/2013 21:52

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broad	**Extraction Method**	SW3510C/3630C
Date Received:	10/4/13 19:46	**Analytical Method:**	SW8015B
Date Prepared:	10/4/13	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B9-W	**1310187-001A**	**Water**	**10/04/2013 07:40**	**GC6B**	**82503**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	10/10/2013 22:09
TPH-Bunker Oil (C10-C36)	ND	100	1	10/10/2013 22:09
Surrogates	**REC (%)**	**Limits**		
C9	94	70-130		10/10/2013 22:09

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Date Prepared:	10/4/13	**BatchID:**	82555
Date Analyzed:	10/5/13	**Extraction Method**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82555 1310119-055AMS/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	51.65	40	60	-	86.1	70-130
MTBE	ND	9.572	5.0	10	-	95.7	70-130
Benzene	ND	10.86	0.50	10	-	109	70-130
Toluene	ND	11.03	0.50	10	-	110	70-130
Ethylbenzene	ND	10.87	0.50	10	-	109	70-130
Xylenes	ND	32.9	0.50	30	-	110	70-130
Surrogate Recovery							
aaa-TFT	10.38	10.68		10	104	107	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	54.91	54.99	60	ND	91.5	91.7	70-130	0.158	20
MTBE	10.13	10.93	10	ND	101	109	70-130	7.65	20
Benzene	10.5	10.34	10	ND	105	103	70-130	1.51	20
Toluene	10.69	10.6	10	ND	107	106	70-130	0.884	20
Ethylbenzene	10.66	10.61	10	ND	107	106	70-130	0.458	20
Xylenes	32.4	32.25	30	ND	108	108	70-130	0	20
Surrogate Recovery									
aaa-TFT	10.07	9.911	10		101	99	70-130	1.55	20

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Date Prepared:	10/8/13	**BatchID:**	82619
Date Analyzed:	10/8/13	**Extraction Method**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82619 1310187-001BMS/MSD

QC SUMMARY REPORT FOR SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	-	0.50	-	-	-	-
Benzene	ND	20.63	0.50	20	-	103	70-130
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	-	2.0	-	-	-	-
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	-	0.50	-	-	-	-
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	-	0.50	-	-	-	-
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	-	0.50	-	-	-	-
1,1-Dichloroethene	ND	-	0.50	-	-	-	-
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Date Prepared:	10/8/13	**BatchID:**	82619
Date Analyzed:	10/8/13	**Extraction Method**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82619 1310187-001BMS/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	-	0.50	-	-	-	-
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	-	0.50	-	-	-	-
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	18.04	0.50	20	-	90.2	70-130
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	19.38	0.50	20	-	96.9	70-130
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	-	0.50	-	-	-	-
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	26.38	26.76		25	106	107	70-130
Toluene-d8	24.6	24.49		25	98	98	70-130
4-BFB	2.438	-		2.5	98	-	-

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Date Prepared:	10/8/13	**BatchID:**	82619
Date Analyzed:	10/8/13	**Extraction Method**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82619 1310187-001BMS/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
Benzene	18.72	19.26	20	ND	93.6	96.3	70-130	2.87	20
Methyl-t-butyl ether (MTBE)	18.05	18.15	20	ND	90.2	90.8	70-130	0.579	20
Toluene	17.82	18.7	20	ND	89.1	93.5	70-130	4.80	20
Surrogate Recovery									
Dibromofluoromethane	26.8	26.43	25		107	106	70-130	1.36	20
Toluene-d8	24	23.87	25		96	95	70-130	0.538	20

McCampbell Analytical, Inc.
"When Quality Counts"

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

Quality Control Report

Client:	RGA Environmental	**WorkOrder:**	1310187
Date Prepared:	10/4/13	**BatchID:**	82503
Date Analyzed:	10/7/13	**Extraction Method**	SW3510C/3630C
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	#PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA	**Sample ID:**	MB/LCS-82503

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	943.5	50	1000	-	94.3	70-130
Surrogate Recovery							
C9	504.2	505.3		625	81	81	70-130

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1310187 **ClientCode: RGAE**

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

Report to:
Paul King
RGA Environmental
1466 66th Street
Emeryville, CA 94608
(510) 658-6916 FAX: (510) 834-0152

Email: paul.king@rgaenv.com; pdking0000@aol.c
cc:
PO:
ProjectNo: #PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakland, CA

Bill to:
Nick Hecht
RGA Environmental
1466 66th Street
Emeryville, CA 94608
nick.hecht@rgaenv.com

Requested TAT: **5 days**

Date Received: **10/04/2013**
Date Printed: **10/04/2013**

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
1310187-001	B9-W	Water	10/4/2013 7:40	☐	A	B	A									

Test Legend:

1	G-MBTEX_W	2	MBTEX-8260B_W	3	TPH(D)WSG_W	4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Daniel Loa

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.

1310187

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

RGA ENVIRONMENTAL

RGA Environmental, Inc.
1466 66th Street
Emeryville, CA 94608
(510) 658-4363

PROJECT NUMBER: P233580/0271.R5

PROJECT NAME: DOWNTOWN TOYOTA 4145 BROADWAY OAKLAND, CA

SAMPLED BY: (PRINTED & SIGNATURE) MICHAEL BASS-DESCHENES

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH (G, D, B0) BY EPA 8015B W/ SILICA GEL CLEANUP	BTEX AND MTBE BY EPA 8260B	PRESERVATIVE	REMARKS
B9-W	10/4/13	0740	H2O		6	X	X	ICE	NORMAL TAT

ICE/t° 2.3
GOOD CONDITION ____ APPROPRIATE
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE 10/4/13	TIME 1530	RECEIVED BY: (SIGNATURE)	Total No. of Samples (This Shipment) 1	LABORATORY: MCCAMPBELL ANALYTICAL, INC
RELINQUISHED BY: (SIGNATURE)	DATE 10/4/13	TIME 1645	RECEIVED BY: (SIGNATURE)	Total No. of Containers (This Shipment) 6	LABORATORY CONTACT: ANGELA RYDELIUS
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		LABORATORY PHONE NUMBER: (877) 252-9262
					SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO

Results and billing to:
RGA Environmental, Inc.
paul.king@rgaenv.com

REMARKS:

McCampbell Analytical, Inc.
"When Quality Counts"

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

Sample Receipt Checklist

Client Name: **RGA Environmental** Date and Time Received: **10/4/2013 7:46:58 PM**

Project Name: **#PZ33580/0271.R5; Downtown Toyota 4145 Broadway Oakl** LogIn Reviewed by: Daniel Loa

WorkOrder N°: **1310187** Matrix: Water 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: 2.3°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

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

Comments: