Odic Environmental
Environmental Consulting & Real Estate Due Diligence
Tel 888-ODICENV 888-634-2368
Fax 213-380-0505
3255 Wilshire Blvd. Suite 1510
Los Angeles, CA 90010

RELIANCE LETTER

RECEIVED
By Alameda County Environmental Health 8:29 am, Sep 13, 2016

March 10, 2016

To: JPMorgan Chase Bank, NA ("Lender")
560 Mission Street, Floor 5
San Francisco, CA 94105

and

U.S. Small Business Administration ("SBA")

Re: Borrower Name: Carla K Martinez
Project Address ("Property"): 2449-2451 Santa Clara Avenue, Alameda, CA 94501
Environmental Investigation Report Number(s): 6360805ESAII

Dear Lender and SBA:

Hyung Kim ("Environmental Professional") meets the definition of an Environmental Professional as defined by 40 C.F.R. § 312.10(b) and has performed the following "Environmental Investigation(s)" (check all that apply):

___ A Transaction Screen of the Property dated _____, 20____, conducted in accordance with ASTM International's most recent standard (currently ASTM E1528-14);

___ A Phase I (or an Updated Phase I) Environmental Site Assessment of the Property dated _____, 20____, conducted in accordance with ASTM International's most recent standard (currently ASTM E1527-13). In addition, the Environmental Professional has addressed the performance of the "additional inquiries" set forth at 40 C.F.R. § 312.22;

_X_ A Phase II Environmental Site Assessment of the Property dated March 10, 2016, conducted in accordance with generally-accepted industry standards of practice and consisting of a scope of work that would be considered reasonable and sufficient to identify the presence, nature and extent of a Release as it impacts the Property.

Reliance by SBA and Lender. Environmental Professional (and Environmental Professional's firm, where applicable) understand(s) that the Property may serve as collateral for an SBA guaranteed loan, a condition for which is an Environmental Investigation of the Property by an Environmental Professional. Environmental Professional (and Environmental Professional's firm, where applicable) authorize(s) Lender and SBA to use and rely upon the Environmental Investigation. Further, Environmental Professional (and Environmental Professional's firm, where applicable) authorize(s) Lender and SBA to release a copy of the Environmental Investigation to the borrower for information purposes only. This letter is not an update or modification to the Environmental Investigation. Environmental Professional (and Environmental Professional's firm, where applicable) makes no representation or warranty, express or implied, that the condition of the Property on the date of this letter is the same or similar to the condition of the Property described in the Environmental Investigation.

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Insurance Coverage. Environmental Professional (and/or Environmental Professional's firm, where applicable) certifies that he or she or the firm is covered by errors and omissions liability insurance with a minimum coverage of $1,000,000 per claim (or occurrence) and that evidence of this insurance is attached. As to the Lender and SBA, Environmental Professional (and Environmental Professional's firm, where applicable) specifically waive(s) any dollar amount limitations on liability up to $1,000,000.

Waiver of Right to Indemnification. Environmental Professional and Environmental Professional's firm waive any right to indemnification from the Lender and SBA.

Impartiality. Environmental Professional certifies that (1) to the best of his or her knowledge, Environmental Professional is independent of and not a representative, nor an employee or affiliate of seller, borrower, operating company, or any person in which seller has an ownership interest; and (2) the Environmental Professional has not been unduly influenced by any person with regard to the preparation of the Environmental Investigation or the contents thereof.

Acknowledgment. The undersigned acknowledge(s) and agree(s) that intentionally falsifying or concealing any material fact with regard to the subject matter of this letter or the Environmental Investigations may, in addition to other penalties, result in prosecution under applicable laws including 18 U.S.C. § 1001.

_____
Environmental Professional
Printed Name: Hyung Kim

(Note: The Environmental Professional must always sign this letter above. If the Environmental Professional is employed or retained by an Environmental Firm, then an authorized representative of the firm must also sign below).

_____
Signature of representative of firm who is authorized to sign this letter
Printed Name & Title: Eric Miller, President
Name of Environmental Firm: Odic Environmental
Enclosure: Evidence of Insurance

ODICE-1 OP ID: BMG

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/20/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Van Oppen & Co. 2, Inc.
P.O. Box 793
Teton Village, WY 83025
Rick van Oppen

CONTACT NAME: Bobbi J. McGee-Zavala
PHONE (A/C, No, Ext): 800-746-0048 FAX (A/C, No): 866-784-4876
E-MAIL ADDRESS: service@vanoppenco2.com

INSURED
ODIC Environmental, Inc.
3255 Wilshire Blvd., #1510
Los Angeles, CA 90010

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Westchester Surplus Lines	10172
INSURER B : SCIF	35076
INSURER C : Hartford Fire Insurance Co.	19682
INSURER D :	
INSURER E :	
INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$	1,000,000
	CLAIMS-MADE X OCCUR			G27165357 002	10/21/2015	10/21/2017	DAMAGE TO RENTED PREMISES (Ea occurrence)	$	100,000
	X CPL(Pollution)						MED EXP (Any one person)	$	10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$	1,000,000
	X POLICY PRO-JECT LOC						GENERAL AGGREGATE	$	2,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	$	2,000,000
								$	
C	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$	1,000,000
	ANY AUTO						BODILY INJURY (Per person)	$	
	ALL OWNED AUTOS X SCHEDULED AUTOS			34UECVT5982	10/24/2015	10/24/2016	BODILY INJURY (Per accident)	$	
	X HIRED AUTOS X NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$	
								$	
A	UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	$	4,000,000
	X EXCESS LIAB CLAIMS-MADE			G27165473 002	10/21/2015	10/21/2017	AGGREGATE	$	4,000,000
	DED X RETENTION $ $0						XS GL/CPL	$	E&O/AL/EL
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						X PER STATUTE OTH-ER		
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N / A		9095492-2015	04/01/2015	04/01/2016	E.L. EACH ACCIDENT	$	1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$	1,000,000
							E.L. DISEASE - POLICY LIMIT	$	1,000,000
A	Professional Liab			G27165357 002	10/21/2015	10/21/2017	Ea Claim		1,000,000
	"Claims Made"			SUBJECT TO GL AGG			Aggregate		2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Umbrella policy provides additional limits/coverage over primary General Liability, Contractors Pollution Liability, Professional Liability, Auto Liability and Employer's Liability.

CERTIFICATE HOLDER

General Info

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

F. van Oppen

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Subject Property Address

2449-2451 Santa Clara Avenue

Alameda, CA 94501

Odic Project Number

6360805ESAII

Report Date

3/10/2016

Prepared for

Michael Beritzhoff, Co-Trustee & Christine King, Co-Trustee - A.S. Macdonald Trust

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3/10/2016

Michael Beritzhoff, Co-Trustee & Christine King, Co-Trustee - A.S. Macdonald Trust

Attached please find our PHASE II ENVIRONMENTAL SITE ASSESSMENT, ("the Report") for the above-mentioned Subject Property. This report has been prepared by Odic for the Client under the professional supervision of the principal and/or senior staff whose seal(s) and signatures appear hereon. Neither Odic, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties , and has no personal bias with respect to the parties involved.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The Report speaks only as of its date, in the absence of a specific written update of the Report, signed and delivered by Odic.

There are no intended or unintended third party beneficiaries to this Report, unless specifically named. Odic is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the Report or on the closing of any business transaction. Thank you for the opportunity to prepare this Report, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

By signing below, Odic declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312 and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. Odic has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully Submitted,

Hyung Kim

Environmental Professional §312.10, 40CFR312

TABLE OF CONTENTS

ATTACHMENTS

1.0 LIMITATIONS

The opinion expressed herein is based on the information collected during our study, our present understanding of the site conditions and our professional judgment in light of such information at the time of preparation of this report. No warranty is either expressed, implied or made as to the conclusions, advice and recommendations offered in this report.

Our investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable Engineers and Geologists practicing in this or similar localities. The samples taken and used for testing and the observations made are believed representative of the study area; however, soil and/or groundwater samples can vary significantly between borings, test pits, and/or test sample locations.

The interpretations and conclusions contained in this report are based on the results of laboratory tests and analysis intended to detect the presence and concentration of certain chemical constituents in samples taken from the subject property (hereinafter referred to as the Property). Such testing and analysis have been conducted by an independent laboratory which is certified by the State to conduct such test analyses and which used methodologies mandated by the Environmental Protection Agency or the State Department of Health Services in the performance of such test and analyses. The consultant has no involvement in, or control over, such testing and analysis, and has no non-laboratory means of confirming the accuracy of such laboratory results. The consultant, therefore, disclaims any responsibility for any inaccuracy in such laboratory results.

The findings, conclusions and recommendations in this report are considered valid as of the present date. However, changes in the conditions of the Property can occur with the passage of time, due to natural process or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur. Accordingly, portions of this report may be invalidated wholly or partially by the changes beyond our control.

INDEPENDENT CONTRACTOR STATUS

In performing Services under the scope of work contained in this Report and agreed Contract/Agreement, ODIC shall operate as, and have the status of, an independent contractor.

PROFESSIONAL RESPONSIBILITY

ODIC shall perform the Services consistent with that level of care and skill ordinarily exercised by other professional consultants under similar circumstances at the time the Services are performed. Client hereby acknowledges that whenever a Project involves hazardous or toxic materials there are certain inherent risk factors involved (such as limitations on laboratory analytical methods, variations in subsurface conditions, economic loss to Client or Property owner, a potential obligation for disclosure to regulatory agencies, a potential for a decrease in market value of real property, and the like) that may adversely affect the results of the Project, even though the Services are performed with such skill and care. No other representation, warranty, or guarantee, express or implied, is included or intended by the scope of work contained in this Report and agreed Contract/Agreement.

LIMITATION OF LIABILITY

Client agrees that the liability of ODIC and all officers, employees, agents, and subcontractors of ODIC (the "ODIC Parties") to Client for all claims, suits, arbitration, or other proceedings arising from the performance of the Services under the scope of work contained in this Report and agreed Contract/Agreement, including, but not limited to, ODIC's professional negligence, errors and omissions, or other professional acts, shall be limited to the professional and general liability coverage amount. ODIC Parties are not liable for any indirect, incidental or consequential damages, lost profits, lost revenue, or loss of property value based on the Services provided as part of the scope of work contained in this Report and agreed Contract/Agreement.

HAZARDOUS OR UNSAFE CONDITIONS

Client has fully informed ODIC of the type, quantity, and location of any hazardous, toxic, or dangerous materials or unsafe or unhealthy conditions that may affect the Project which Client knows to exist. If Client hereafter becomes aware of any such information, Client shall immediately inform ODIC. The discovery of unanticipated hazardous, toxic, or dangerous materials or unsafe or unhealthy conditions constitutes a Changed Condition that may justify a revision to Services and/or Fees. If ODIC takes emergency measures to protect the health and safety of ODIC Parties and/or the public or to prevent undue harm to the environment, the Fee shall be appropriately adjusted to compensate ODIC for the cost of such emergency measures.

RIGHT OF ENTRY

Client agrees to grant or arrange permission for right of entry from time to time by ODIC Parties upon all real property included in the Project Site(s) where the Services are to be performed, whether or not the Project Site(s) is owned by Client. Client recognizes that the use of investigative equipment and practice may unavoidable alter conditions or affect the environment at the existing Project Site(s). ODIC will operate with reasonable care to minimize damage to the Project Site(s). The cost of repairing such damage will be borne by Client, and in not included in the Fee unless otherwise stated.

UNDERGROUND UTILITIES

Client shall correctly designate on plans to be furnished to ODIC, the location of all subsurface structures, such as pipes, tanks, cables, and utilities within the property lines of the Project Site(s) and shall be responsible for any damage inadvertently caused by ODIC to any such structure or utility not so designated.

REPORTING AND DISPOSAL REQUIREMENTS

Nothing contained in this Report shall be construed or interpreted as requiring ODIC to assume the status of an owner, operator, generator, person who arranges for disposal, transportation, storage, treatment, or a disposal facility as those terms appear within any federal or state statute governing the treatment, storage, and disposal of hazardous substances or wastes. Client shall be solely responsible for notifying all appropriate federal, state, municipal, or other governmental agencies of the existence of any hazardous, toxic, or dangerous materials located on or in the Project Site(s), or discovered during the performance of the scope of work contained in this Report and agreed Contract/Agreement. Client agrees that ODIC is not responsible for disclosures, notifications, or reports that may be required to be made to third parties. Client shall be responsible for making and paying for all necessary arrangements to lawfully store, treat, recycle, dispose of, or otherwise handle hazardous or toxic substances or wastes, including but not limited to, samples and cuttings, to be handled in connection with the Project.

SAMPLES AND CUTTINGS

ODIC shall not be obligated to preserve samples such as oil, rock, water, building materials, fluids and other samples obtained from the Project Site(s) for a longer period of time than a laboratory will store the samples for no additional fee. If sample storage is requested by Client beyond standard laboratory time, Client will be responsible for any storage fee for those samples.

HEALTH AND SAFETY

ODIC shall not be responsible for the health and safety of any persons other than ODIC Parties, nor shall it have any responsibility for the operations, procedures, or practices of persons or entities other than ODIC Parties.

2.0 INTRODUCTION

2.1 PROJECT INFORMATION

Project Information	
ITEM	
ODIC Project Number	6360805-ESAII
Property Address	2449 and 2451 Santa Clara Avenue, Alameda, CA 94501
Property Name	The Property is occupied by the ReCrafting Co. (A craft supply store) at 2449 Santa Clara Avenue and Super Scholars (a preschool) at 2451 Santa Clara Avenue.
Pre-Drilling Activity	February 8, 2016
Drilling & Sampling Date	February 12, 2016
ODIC's Field Technician	Cora Olson, Environmental Assessor
Report Author	Cora Olson, Environmental Assessor
Copy Editor	Tamara Yerkes, Project Geologist
QAQC Reviewer	Hyung Kim, California Licensed Professional Civil Engineer
Property Location	The Property is located on the north side of the intersection of Santa Clara Avenue and Everett Street in Alameda, CA 94501.
General Setting	The general setting is commercial.
Property Type	The Property is occupied by a craft shop and a pre-school.

2.2 OBJECTIVE

The Property consists of a 0.1-acre rectangular-shaped parcel of land that is improved with a single-story commercial building and a paved parking lot. The current occupants are ReCrafting Co., an art/crafts supply retail store, and Super Scholars (a preschool).

The Property was vacant land until 1925 when a gas station was constructed at the Property. The gas station remained in operation until 1966 when it was demolished. The current two-unit commercial building was constructed in 1968. The building has been occupied by various businesses since that time including a candy store, insurance offices, realtor and title offices, a gym, a dance studio, and a martial arts studio.

The objective of this limited subsurface investigation is to determine the possible presence of remaining USTs from the former gas station and to determine subsurface conditions with regards to releases of petroleum hydrocarbons, or other potential contaminants of concern from previous gas station operations.

2.3 SCOPE OF WORK

To accomplish the aforementioned objective, ODIC performed the following tasks:

<u>Pre-Field Activities:</u>

A Site-specific Health and Safety Plan (Level D Health & Safety according to OSHA CFR 1910.120), Boring Plan, and Work Schedule were prepared and ODIC notified the Property Owner of the proposed work schedule. ODIC obtained a soil boring permit from the Alameda County Public Works Agency prior to completing drilling at the site.

On February 8, 2016 ODIC performed a site visit to verify existing conditions and pre-mark boring locations and notified Underground Service Alert (USA) of the intent to excavate or drill so that subsurface utilities would be marked to avoid potential damage. In addition, ODIC contracted a private

utility locator, Subtronics, to search for potential USTs or subsurface anomalies, and to determine the location of any utilities that may interfere with the proposed boring locations.

Field Investigation:
ODIC executed the following activities during the onsite site investigation conducted on February 12, 2016:

- Advanced eight soil borings (SB-1 through SB-8) within the building interior, surrounding entrance walkway and parking lot to a maximum depth of 10 feet below ground surface (bgs), or to first groundwater occurrence, which was encountered between 8 to 9 feet bgs (refer to Figure 2 Site Boring Location Map).

- Collected soil samples from borings SB-1 through SB-8 for chemical analysis at approximately 5-foot intervals in the eight boring locations.

- Collected groundwater grab samples from all eight soil boring locations for chemical analysis.

- Recorded pertinent information such as soil lithology, physical condition of the collected soil samples, moisture contents, visual and olfactory description of the collected soil samples, and the time each sample was collected on appropriate boring log forms.

- Submitted selected soil samples and one groundwater sample from each soil boring for laboratory chemical analysis of total petroleum hydrocarbons (TPH), gasoline-range organics (GRO), oil-range organics (ORO) and diesel-range organics (DRO) by EPA Method 8015B, and volatile organic compounds (VOCs) by EPA Method 8260B (refer to note below). Three of the six groundwater samples were analyzed for Title 22 Metals by EPA Method 6010B/7470A.

  Note: Groundwater samples obtained from SB-3 and SB-7 were not analyzed for diesel-range organics (DRO) due to the limited volume of water sample.

All samples were submitted to a State of California Certified Laboratory using Chain of Custody Protocols, for a regular turnaround.

Data Evaluation and Reporting:
ODIC evaluated the current and historical data, prepared summary tables, maps and other pertinent data summary figures, documented the methods used, and combined the findings into this limited subsurface investigation report.

Boring locations are shown on Figure 2 Soil Boring Map.

Soil borings were advanced using both hand auger and Geoprobe-type drilling equipment operated by Cascade Drilling, LP.

3.0 PROPERTY CHARACTERISTICS

3.1 SITE DESCRIPTION

The Property address is 2449 and 2451 Santa Clara Avenue, Alameda, CA 94501. The Property is located on the north side of the intersection of Santa Clara Avenue and Everett Street in Alameda, California. The Property consists of a 0.1-acre rectangular-shaped parcel of land that is improved with a single-story commercial building occupied by a craft shop and a preschool. A paved parking lot occupies the north side of the Property (refer to Figures 1 and 2).

3.2 BACKGROUND HISTORY

ODIC conducted a Phase I Environmental Site Assessment of the Property dated January 6, 2012. The Property consists of a 0.1-acre rectangular-shaped parcel of land that is improved with a single-story commercial building and a paved parking lot. The building measures 2,304 square feet and is divided into two separate units. The northwestern unit is addressed 2449 Santa Clara Avenue and is occupied by The ReCrafting Co., an art/crafts supply retail store. The southeastern unit is addressed 2451 Santa Clara Avenue and is occupied by Super Scholars (a preschool).

The Property was vacant land until 1925 when a gas station was constructed at the Property. The gas station remained in operation until 1966 when it was demolished. The current two-unit commercial building was constructed in 1968. The building has been occupied by various businesses since that time including a candy store, insurance offices, realtor and title offices, a gym, a dance studio, and a martial arts studio. The building is currently occupied by an art/craft supplies store (The ReCrafting Co.) and a preschool (Super Scholars).

In 1996, a limited subsurface investigation was conducted at the Property to evaluate whether or not the subsurface environment had been impacted by potential releases of petroleum hydrocarbons from the former gas station. It appears that relatively low concentrations were detected, although the groundwater data was open to interpretation. Relatively high concentrations of Total Petroleum Hydrocarbons as diesel were detected. However, the analytical laboratory indicated that the data may have been skewed by a high concentration of sediment in the samples.

Due to the limited nature of the scope of investigation conducted in 1996, and absence of documentation pertaining to former USTs at the Property, ODIC recommended that a subsurface investigation be conducted to evaluate the possible presence of USTs at the site, and to further characterize contamination discovered during 1996 sampling activities.

3.3 PHYSICAL SETTING

The Property's physical location was researched employing a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map relevant to the Property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and may show physical features with environmental significance such as wetlands, water bodies, roadways, mines, and buildings. The elevation of the Property is approximately 30 feet above mean sea level. There is a regional downslope to the northeast/east/south.

GEOLOGY AND HYDROGEOLOGY

Geologic and hydrogeologic information were obtained from an Environmental Phase I Site Assessment Report prepared for the Property, by Geovision Inc., dated August 8, 1996:

Information from a nearby site indicates that the subsurface is composed of medium brown sand containing moderate amounts of silts which extends to a depth of at least 25 feet below ground surface (bgs). Groundwater is located at approximately 18 feet bgs and the direction of flow is towards the northeast. The nearest surface water is a tidal canal of the San Francisco Bay located approximately 3,000 feet northeast of the subject property.

Groundwater was encountered at the site between 8 and 9 feet bgs during the course of this Phase II Subsurface investigation.

While groundwater flow direction at the Property cannot be confirmed without survey measurement of static groundwater level at triangulated points, it is expected to flow in the direction of surface topographical contour, or toward the wetland or nearest water body or discharge basin (percolation channel).

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

4.0 FIELD INVESTIGATION

4.1 FIELD INVESTIGATION

Prior to advancing the borings, the Site representative, property owner and site occupants were notified of the work schedule including locations of where drilling would be performed. ODIC performed a Site Visit on February 8, 2016 to verify the existing conditions and pre-mark boring locations and notified Underground Service Alert (USA) of the intent to excavate or drill so that subsurface utilities would be marked to avoid potential damage. A private utility company was contracted to complete a geophysical subsurface investigation to confirm the location of underground utilities and to identify subsurface anomalies. A Site-specific Health and Safety Plan was prepared and a field safety meeting was held among field personnel and drilling crew prior to the start of drilling on February 12, 2016.

Soil Boring Investigation and Groundwater Sampling

ODIC performed the following field investigation activities:

- Advanced eight soil borings (SB-1 through SB-8) inside the commercial building and in the area of the former oil degreasing, oil storage and gas station in the parking lot on the north side of the Property. The eight borings were advanced to a maximum depth of 10 feet bgs, or to first groundwater occurrence, and soil samples were collected at approximately 5-foot intervals. One selected soil sample from each boring was analyzed for TPH-GRO, TPH-DRO and TPH-ORO by EPA Method 8015B, and full VOCs by EPA Method 8260B.

  Refer to Figure 2, Boring Location Map for details of the boring locations.

- Collected eight groundwater samples at eight boring locations (SB-1 through SB-8) to be analyzed for TPH-GRO, TPH-DRO, and TPH-ORO by EPA Method 8015B, and full VOCs by EPA Method 8260B (refer to note below). In addition, three selected groundwater samples were also analyzed for Title 22 Metals via EPA Method 6010B.

  Note: Groundwater samples obtained from SB-3 and SB-7 were not analyzed for diesel-range organics (DRO) due to the limited volume of water sample.

- Preserved all collected soil and groundwater samples in an ice chest with ice at 4 degrees Celsius sample preservation temperature until the shipment of samples to Curtis and Tompkins Laboratories (CTL), a California State-certified environmental testing laboratory, for analysis. All samples were submitted to the laboratory for select analyses using chain-of-custody protocols.

- Logged each soil boring using the Unified Soils Classification System under the supervision of ODIC's project geologist. Soil boring logs are included in Appendix B.

- Backfilled each boring SB-1 through SB-8 with Portland cement grout and returned the surface conditions to their original condition (asphalt/concrete) upon completion of soil and groundwater sampling.

4.2 GEOPHYSICAL SURVEY

Under supervision and direction of ODIC, Subtronics used the TW-6 M-SCOpe, Schondstedt GA-72-CD magnetic locator, and the GSSI System 400 ground penetrating radar (GPR) with a 400 MHz antenna to survey the areas of concern on-site, as applicable, to locate the presence any USTs and locate any utility conflicts near proposed soil boring locations on-site.

TW-6 M-Scope

The Fisher TW-6 M-Scope is a split box inductive locater and metal detector mounted on a four-foot rod. The split box locater can detect metal lines “inductively”. The M-Scope is also used to detect buried metallic objects such as manhole covers, underground storage tanks, etc. The limits of detection for a TW-6 M-SCOPE are approximately five feet in depth.

Schondstedt GA-72-CD

The Schondstedt is a hand held magnetic gradiometer which detects the magnetic field caused by ferromagnetic objects. The Schondstedt produces an audible signal when it detects a variation in the magnetic field strength between the two sensors 14 in apart. In an area of little magnetic debris it can detect metallic objects up to 10 feet deep.

GSSI SIR-4000

A ground penetrating radar system graphically records subsurface structures. Both geological and man-made structures are recorded by the introduction of a pulse of electromagnetic energy into the ground. Reflected pulses received by the antenna are then processed for measurable contrast in electrical properties. The result is a visual pseudo-cross-sectional profile.

Subtronics's technician performed a subsurface utility investigation using Ground Penetrating Radar and Electro-Magnetic locating equipment to determine the absence or presence of buried features in the areas of concern on-site. Subtronic’s technician cleared & marked-out any utility conflicts at the proposed soil boring locations on-site. The final boring locations were determined based on the location of the underground utilities.

Based on the results of the magnetic locator and ground penetrating radar, it was interpreted that there is possibly a waste oil size UST located in the northwest corner of the parking lot (36 feet north of SW building corner and 10 east of the building wall). The object is approximately 6 feet long and about 4 feet wide, buried approximately 4 ½ feet deep. In addition, an area of disturbed soil which may be associated with the possible former greasing operations was also identified, encompassing an area approximately 4 feet wide by 10 long. Refer to Appendix D - Geophysical Subsurface Investigation for further details.

4.3 METHODOLOGY

On February 12, 2016, Cascade Drilling operated a hand auger and Geoprobe-type drill rig, and collected soil and groundwater samples from the borings locations. A site-specific Health and Safety plan was prepared and a field safety meeting was held among field personnel and drilling crew prior to the start of drilling.

Soil Sampling Method

Soil samples were collected from the hand auger bucket or with an acetate liner with the Geoprobe Large Bore Sampler that measures 2 feet by 1.5 inches capable of recovering discrete samples from specified locations. The liner is a thin-walled tube that fits inside the bore sample tube and facilitates retrieval of the sample and may be used for storage when applicable. Each liner was cut using a 1-inch diameter polyvinyl chloride (PVC) pipe-cutter. The lower half of the liner was capped on both ends with Teflon® tape and plastic caps. No headspace is present in the tube once the sample is collected. Soil samples were then packed in an ice chest to minimize potential volatilization prior to delivery to the laboratory.

The collected samples were labeled with the boring number, the sample number (the samples were numbered sequentially with increasing depth from the top for each boring), and the sampling depth. Care was taken throughout to avoid contamination of both the inside and outside of the sample container and its contents.

The soil in the upper half of the cut acetate liner was visually inspected for discoloration, monitored for odors, classified in accordance with the Unified Soil Classification System, placed in a sealable plastic bag, and field-screened with a photoionization detector (PID). ODIC's field technician monitored if soil samples exhibited any odor, discoloration, and/or PID readings suggesting the presence of elevated volatile organics concentrations. All field data were recorded on the field log. Soil boring logs are included in Appendix B.

All collected soil samples were preserved in an ice chest with ice to keep 4 degrees Celsius sample preservation temperature until the shipment of samples the same day of sample collection to a California State-certified environmental testing laboratory for analysis. U.S. Environmental Protection Agency approved chain-of-custody records were kept to track the possession of samples from the time they were taken in the field until the time they were analyzed.

Groundwater Sampling Method

Groundwater samples were collected by installing a temporary 1-inch diameter PVC well screen into the completed soil boring and allowing groundwater to stabilize. Once stabilized, a grab groundwater sample was collected by using disposable polyvinyl tubing equipped with a check valve. Laboratory-supplied containers were completely filled, labeled, and placed in an ice chest.

The collected samples were labeled with the groundwater number associated with the boring and the sampling depth. Care was taken throughout to avoid contamination of both the inside and the outside of the sample containers and their contents.

All collected groundwater samples were preserved in an ice chest with ice to keep 4 degrees Celsius sample preservation temperature until the shipment of samples the same day of sample collection to a California State-certified environmental testing laboratory for analysis. U.S. Environmental Protection Agency approved chain-of-custody records were kept to track the possession of samples from the time they were taken in the field until the time they were analyzed.

4.4 BACKFILL

Upon completion of soil and groundwater sampling in borings SB-1 to SB-8, each boring was backfilled with Portland cement grout under inspection by the Alameda County Public Works Department. Each borehole was restored to pre-drilling condition by applying patching materials.

4.5 LABORATORY ANALYSIS

All soil and groundwater samples were transported to Curtis and Tompkins Laboratories (CTL) for chemical analysis. CTL is a California State-certified environmental testing laboratory. The person collecting the soil and groundwater samples initiated chain-of-custody documentation.

Soil and groundwater samples were analyzed for TPH-GRO, TPH-DRO and TPH-ORO by EPA Method 8015B and full VOCs by EPA Method 8260B (refer to note below). In addition three of the six groundwater samples were further analyzed for Title 22 Metals via EPA Method 6010B.

Note: Groundwater samples obtained from SB-3 and SB-7 were not analyzed for diesel-range organics (DRO) due to the limited volume of water sample.

The laboratory analytical report of the soil and groundwater samples is included in Appendix C. Results are presented in Section 5.4 and Section 5.5.

5.0 FINDINGS AND RESULTS

5.1 SUBSURFACE CONDITIONS

- A subsurface anomaly that is approximately 6 feet by 4 feet, and buried approximately 4.5 feet deep, was discovered at the southwest side of the parking area. Additional shallow subsurface anomalies were identified at the north perimeter of the parking lot in the vicinity of known former greasing operations and driveway area (refer to Appendix D - Geophysical Subsurface Investigation for further details).
- Collected soil samples consisted of silty sand, and sand from ground surface to 10 feet bgs (maximum depth explored).
- Field indications of impact from VOCs and petroleum hydrocarbons (staining and odor) were observed in two soil borings, SB-4 and SB-6.
- Groundwater was encountered during drilling at approximately 8 to 9 feet bgs during drilling. Depth to groundwater in the vicinity of the Property was reported at approximately 18 feet bgs (refer to Section 3.2 for hydrogeology information).

5.2 EVALUATION CRITERIA

Soil and groundwater analyses were compared to the potentially applicable criteria listed below.

- SFB RWQCB (2016). San Francisco Bay Regional Water Quality Control Board (SFB RWQCB) *2016 Tier 1 Environmental Screening Levels Summary* February 2016.
- USEPA (2015). United States Environmental Protection Agency (USEPA), *Regional Screening Level (RSL) Composite Worker Soil Table*. November 2015.
- CEPA SWRCB (2015). California Environmental Protection Agency State Water Resources Control Board (CEPA SWRCB) Maximum Contaminant Levels (MCLs). September 23, 2015.

Supplemental comparison criteria are identified as applicable.

5.3 ANALYTICAL RESULTS OF SOIL SAMPLES

<u>TPH as GRO, DRO, and ORO in Soil</u>

Detected concentrations of TPH as GRO, DRO, and as ORO above their respective laboratory Reporting Limit (RL) in the soil samples analyzed were limited to the following (refer to Table 1 – Soil Analytical Results for TPH and VOCs):

- Gasoline (TPH-GRO) was detected in SB-6 at 6 feet bgs at a concentration of 660 milligrams per kilogram (mg/kg). This concentration exceeds the Tier 1 Environmental Screening Level (ESL) value of 100 mg/kg.
- Diesel (TPH-DRO) was detected in six soil samples at concentrations ranging from 1.1 mg/kg to 4,200 mg/kg in sample SB-6 at 6 feet bgs. The highest concentration exceeds the Tier 1 ESL value of 240 mg/kg.
- Motor Oil (TPH-ORO) was detected in two soil samples at concentrations ranging from 16 mg/kg to 10,000 mg/kg in sample SB-6 at 6 feet bgs. The highest concentration exceeds the Tier 1 ESL value of 100 mg/kg.

VOCs in Soil

Detected concentrations of VOCs above their respective laboratory RL in the soil samples analyzed were limited to the following (refer to Table 1 – Soil Analytical Results for TPH and VOCs):

- Acetone was detected in SB-6 at 6 feet bgs at a concentration of 30 µg/kg. This concentration is below applicable screening levels.
- 1,2,4- Trimethylbenzene was detected in SB-6 at 6 feet bgs at a concentration of 1,200 µg/kg. This concentration is below applicable screening levels.
- sec-Butylbenzene was detected in SB-6 at 6 feet bgs at a concentration of 690 µg/kg. This concentration is below applicable screening levels.
- para-Isopropyl Toluene was detected in SB-6 at 6 feet bgs at a concentration of 390 µg/kg. Screening levels have not been established for para-Isopropyl Toluene.
- n-Butylbenzene was detected in SB-6 at 6 feet bgs at a concentration of 820 µg/kg. This concentration is below applicable screening levels.
- Naphthalene was detected in SB-6 at 6 feet bgs at a concentration of 2,100 µg/kg. This concentration exceeds the Tier 1 ESL value of 23 µg/kg.

Refer to Section 6.0 for recommendations and opinions.

5.4 Analytical Results of Groundwater Samples

TPH as GRO, DRO, and ORO in Groundwater

Detected concentrations of TPH as GRO, DRO, and ORO above their respective laboratory RL in the groundwater samples analyzed were limited to the following (refer to Table 2 – Groundwater Analytical Results for TPH and VOCs):

- Gasoline (TPH-GRO) was detected in SB-4 at a concentration of 140 µg/L, and in SB-6 at a concentration of 880 µg/L. These concentrations exceed the Tier 1 ESL value of 100 µg/L.
- Diesel (TPH-DRO) was detected in SB-4 at a concentration of 54,000 µg/L, and in SB-6 at a concentration of 220,000 µg/L. These concentrations exceed the Tier 1 ESL value of 100 µg/L.
- Motor Oil (TPH-ORO) was detected in SB-4 at a concentration of 95,000 µg/L, and in SB-6 at a concentration of 500,000 µg/L. These concentrations exceed the Tier 1 ESL value of 100 µg/L.

VOCs in Groundwater

Detected concentrations of VOCs above their respective laboratory RL in the groundwater samples analyzed were limited to the following (refer to Table 2 – Groundwater Analytical Results for TPH and VOCs):

- 1,2,4- Trimethylbenzene was detected in SB-6 at a concentration of 6.7 µg/L. Tier 1 ESLs have not been established for 1,2,4- Trimethylbenzene.
- sec-Butylbenzene was detected in SB-6 at a concentration of 1.6 µg/L. Tier 1 ESLs have not been established for sec-Butylbenzene.
- para-Isopropyl Toluene was detected in SB-6 at a concentration of 0.9 µg/L. Tier 1 ESLs have not been established for para-Isopropyl Toluene.
- n-Butylbenzene was detected in SB-6 at a concentration of 1.7 µg/L. Tier 1 ESLs have not been established for n-Butylbenzene.

- Naphthalene was detected in SB-6 at a concentration of 9.7 µg/L. This concentration exceeds the Tier 1 ESL value of 0.12 µg/L.

Title 22 Metals in Groundwater

Detected concentrations of metals above their respective laboratory RL in the groundwater samples analyzed were limited to the following (refer to Table 3 – Groundwater Analytical Results for Metals):

- Antimony was detected in each groundwater sample tested at a concentration of 210 µg/L in sample SB-1, 140 µg/L in sample SB-2, and 95 µg/L in sample SB-4. These concentrations exceed: the Tier 1 ESL value of 6.0 µg/L, and California Environmental Protection Agency State Water Resources Control Board (CEPA SWRCB) Maximum Contaminant Levels (MCLs) of 6.0 µg/L.
- Arsenic was detected in each groundwater sample tested at a concentration of 96 µg/L in sample SB-1, 160 µg/L in sample SB-2, and 88 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 10 µg/L, and the MCL value of 10 µg/L.
- Barium was detected in each groundwater sample tested at a concentration of 7,500 µg/L in sample SB-1, 5,400 µg/L in sample SB-2, and 3,400 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 1,000 µg/L, and the MCL value of 1,000 µg/L.
- Beryllium was detected in two groundwater samples at a concentration of 26 µg/L in sample SB-1, and 17 µg/L in sample SB-2. These concentrations exceed: Tier 1 ESL value of 2.7 µg/L, and the MCL value of 4.0 µg/L.
- Cadmium was detected in one groundwater sample at a concentration of 57 µg/L in sample SB-1. These concentrations exceed: Tier 1 ESL value of 0.25 µg/L, and the MCL value of 5.0 µg/L.
- Chromium was detected in each groundwater sample tested at a concentration of 3,800 µg/L in sample SB-1, 2,800 µg/L in sample SB-2, and 1,900 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 50 µg/L, and the MCL value of 50 µg/L.
- Cobalt was detected in each groundwater sample tested at a concentration of 650 µg/L in sample SB-1, 490 µg/L in sample SB-2, and 310 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 3.0 µg/L, and the MCL value of 6.0 µg/L.
- Copper was detected in each groundwater sample tested at a concentration of 680 µg/L in sample SB-1, 550 µg/L in sample SB-2, and 410 µg/L in sample SB-4. These concentrations exceed the Tier 1 ESL value of 3.1 µg/L, but are under the MCL value of 1,000 µg/L.
- Lead was detected in each groundwater sample tested at a concentration of 280 µg/L in sample SB-1, 360 µg/L in sample SB-2, and 130 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 2.5 µg/L, and the MCL value of 15 µg/L.
- Mercury was detected in each groundwater sample tested at a concentration of 0.73 µg/L in sample SB-1, 1.1 µg/L in sample SB-2, and 0.51 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 0.051 µg/L, and the MCL value of 2.0 µg/L.
- Molybdenum was detected in one groundwater sample tested at a concentration of 70 µg/L in sample SB-4. This concentration is under the Tier 1 ESL and MCL value of 99 µg/L.
- Nickel was detected in each groundwater sample tested at a concentration of 4,400 µg/L in sample SB-1, 3,100 µg/L in sample SB-2, and 2,000 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 8.2 µg/L, and the MCL value of 100 µg/L.
- Vanadium was detected in each groundwater sample tested at a concentration of 2,300 µg/L in sample SB-1, 1,700 µg/L in sample SB-2, and 1,200 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 19 µg/L, and the MCL value of 50 µg/L.

- Zinc was detected in each groundwater sample tested at a concentration of 2,600 µg/L in sample SB-1, 1,800 µg/L in sample SB-2, and 1,200 µg/L in sample SB-4. These concentrations exceed: Tier 1 ESL value of 81 µg/L, and the MCL value of 5,000 µg/L.

Refer to Section 6.0 for recommendations and opinions.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Subsurface Anomalies:

Based on the results of the geophysical survey, several areas of subsurface anomalies were identified. Of specific note, a subsurface anomaly that is approximately 6 feet by 4 feet, and buried approximately 4.5 feet deep, was discovered at the southwest side of the parking area which may possibly be a small waste oil tank. Additional shallow subsurface anomalies were identified at the north perimeter of the parking lot in the vicinity of known former greasing operations and driveway area (refer to Appendix D - Geophysical Subsurface Investigation for further details).

Based on the findings, ODIC advanced two borings in the vicinity of the suspected underground storage tank to determine whether a release may have occurred in this area. Results for SB-7 and SB-8 indicated low to non-detected concentrations of TPH and VOCs.

Soil and Groundwater:

Concentrations of TPH-GROs, TPH-DROs, TPH-OROs, VOCs and metals were identified above the ESL in soil samples and groundwater samples analyzed in the vicinity of the former degreasing and motor oil storage areas at the northeast (Boring SB-4) and northwest (Boring SB-6) side of the parking lot.

Recommendations:

Based on the results and findings presented in this report, ODIC recommends the following additional investigation:

The subsurface anomaly (possible waste oil tank) should be uncovered and exposed in order to identify the source of anomaly and examine the subsurface conditions associated with it. In the event that an underground storage tank is identified, it should be properly decommissioned and removed under the regulatory oversight pursuant to applicable rules and regulations including but not limited to California Health and Safety Code and applicable local municipal code(s). Additional soil confirmation borings may be required within the UST cavity for laboratory analysis and testing.

Evidence of detectable soil and groundwater contamination with petroleum hydrocarbons and VOCs is present in the vicinity of SB-4 and SB-6 (former greasing area and motor oil storage area). Additional investigation should be conducted to delineate the vertical and horizontal extent of petroleum hydrocarbons and VOCs in soil and groundwater beneath the Property.

7.0 REFERENCES

Reference sources for site-specific information, hydro-geologic setting, technical data, historical research data, environmental reports and other records used are identified throughout this Report in corresponding sections. Any additional reference sources not cited in the preceding sections in this report are disclosed in this section.

- *USGS 7.5 Minute Topographical Map*
- *Environmental Phase I Site Assessment Report, 2447 Santa Clara Avenue, Alameda, by GeoVision Inc., August 8, 1996.*
- *Soil and Groundwater Investigation, 2447 Santa Clara Avenue, Alameda, by All Environmental Inc., October 22, 1996*
- *Phase I Environmental Site Assessment Report, 2449-2451 Santa Clara Avenue, Alameda, by Odic Environmental, January 6, 2016.*
- *California Water Resources Control Board Geotracker online database http://geotracker.waterboards.ca.gov/default.asp*
- *Tier 1 Environmental Screening Levels, San Francisco Regional Water Quality Control Board, February 2016, http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/ESL/Tier%201%20and%20Summary%20ESLs_22Feb16.pdf*
- *United States Environmental Protection Agency (USEPA), Regional Screening Level (RSL) Composite Worker Soil Table. November 2015. http://www.epa.gov/sites/production/files/2015-12/documents/indsoil_sl_table_run_nov2015.pdf*
- *California Environmental Protection Agency State Water Resources Control Board (CEPA SWRCB) Maximum Contaminant Levels (MCLs). September 23, 2015. http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/MCLsandPHGs.shtml*

FIGURES

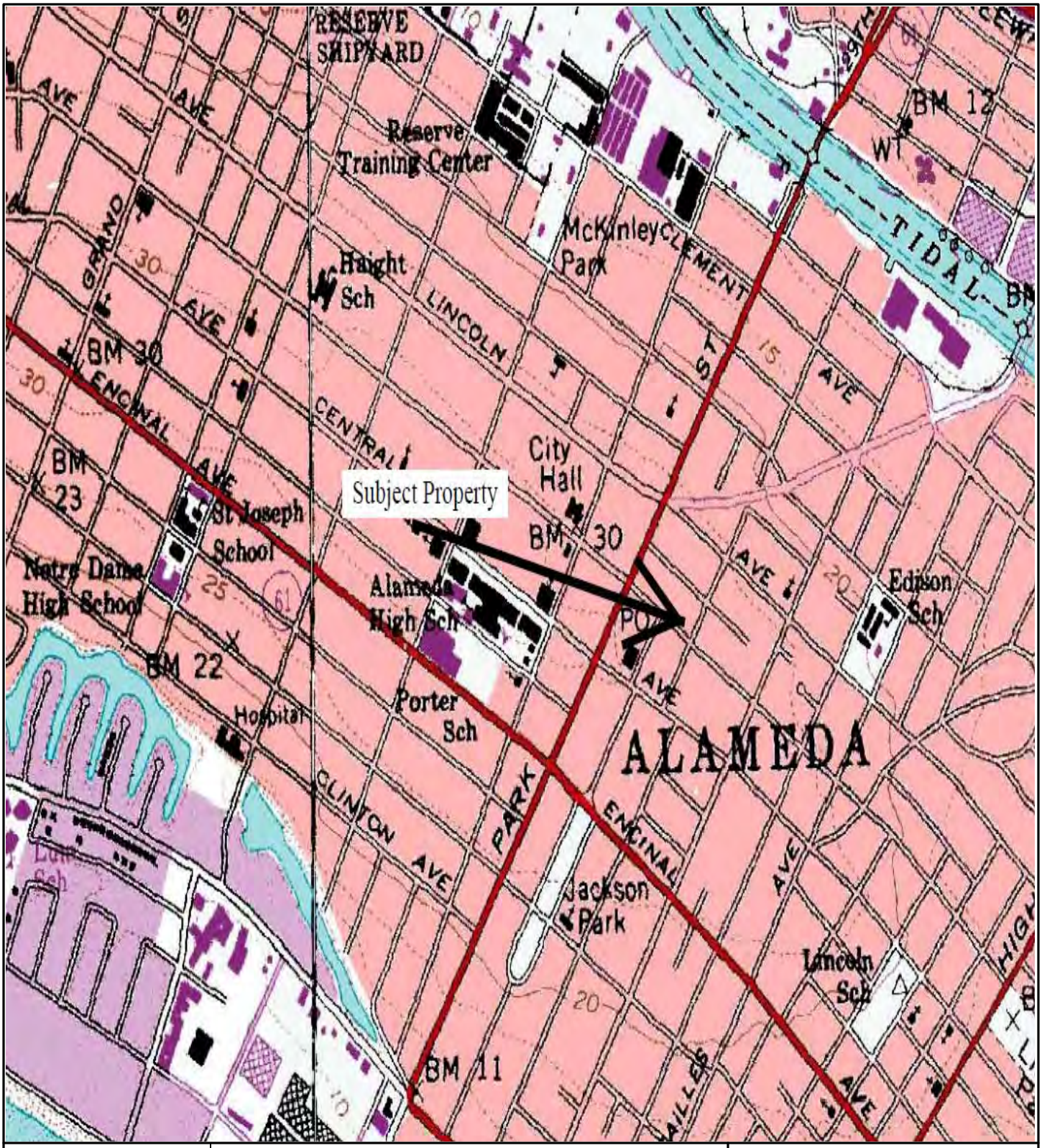


FIGURE 1

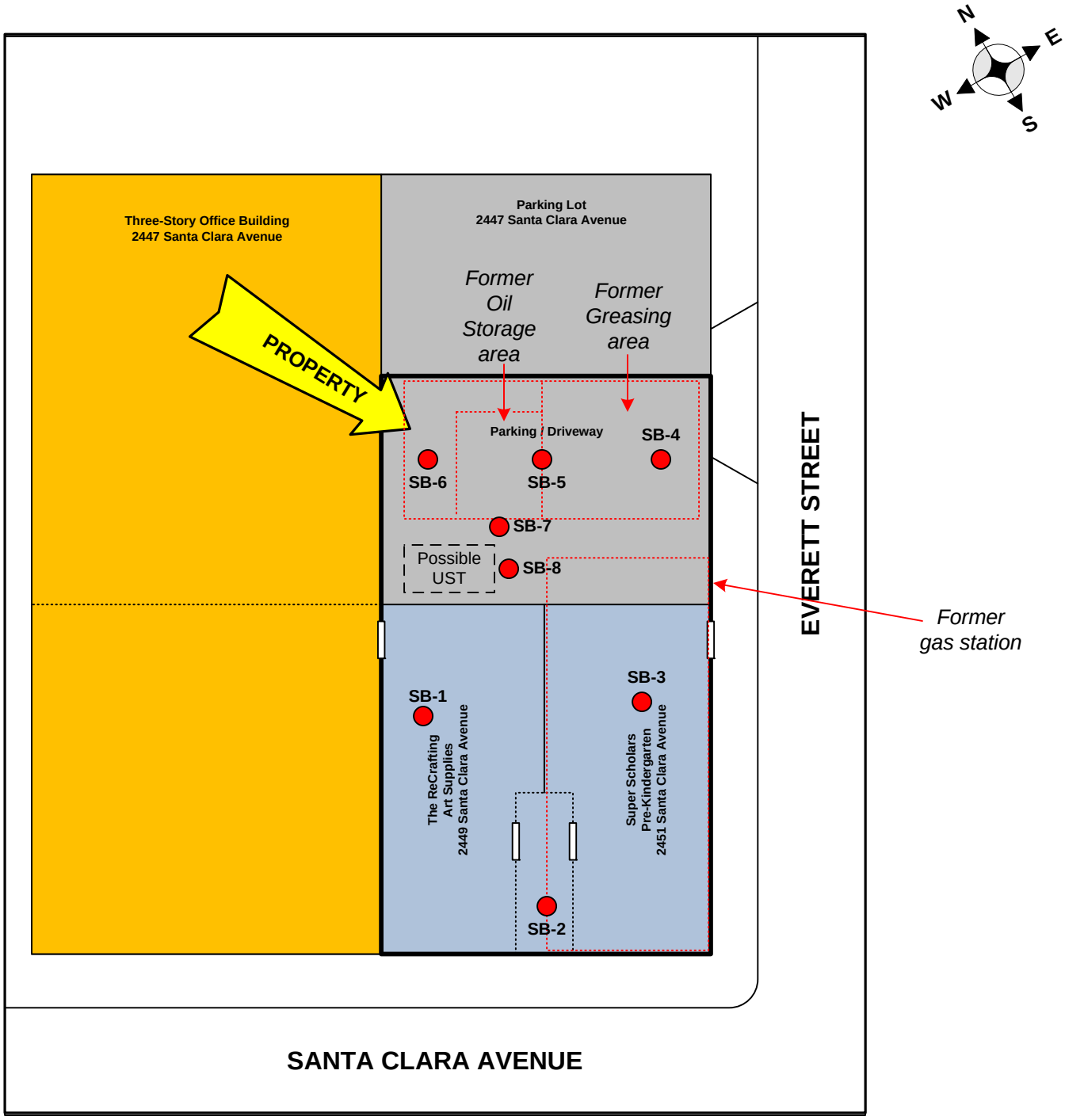
Site Location Map

N
W E
S

No Scale

ODIC Environmental

3255 Wilshire Blvd. #1510, Los Angeles, CA 90010
Tel: 213-380-0090 Fax: 213-380-0505



Soil Boring Locations

No Scale

FIGURE 2	**Soil Boring Map**	**ODIC** Environmental
SITE ADDRESSES:	Commercial Building 2449-2451 Santa Clara Avenue, Alameda, CA 94501	3255 Wilshire Blvd. #1510 Los Angeles, CA 90010 Tel: 213-380-0090 Fax: 213-380-0505

TABLE

Table 1
SOIL ANALYTICAL RESULTS FOR TPH AND VOCS
Commercial Building
2449-2451 Santa Clara Avenue
Alameda, CA 94501

Sample ID	Depth (ft bgs)	Date	TPH			Volatile Organic Compounds (VOCs)						
			GROs (C7 to C12)	DROs (C10 to C28)	OROs (C28+)	Acetone	1,2,4-Trimethylbenzene	sec-Butylbenzene	para-Isopropyl Toluene	n-Butylbenzene	Naphthalene	Other VOCs
Units			mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
EPA Method			8015B	8015B	8015B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
SB-1 @ 9'	9	2/12/2016	<0.97	<1.0	<5.0	<19	<4.8	<4.8	<4.8	<4.8	<4.8	<RL
SB-2 @ 9'	9	2/12/2016	<0.97	<1.0	<5.0	<19	<4.7	<4.7	<4.7	<4.7	<4.7	<RL
SB-3 @ 9'	9	2/12/2016	<1.0	<1.0	<5.0	<19	<4.6	<4.6	<4.6	<4.6	<4.6	<RL
SB-4 @ 10'	10	2/12/2016	<1.0	**2.8 Y**	<5.0	<19	<4.8	<4.8	<4.8	<4.8	<4.8	<RL
SB-5 @ 10'	*10*	2/12/2016	<1.0	<0.99	<5.0	<18	<4.5	<4.5	<4.5	<4.5	<4.5	<RL
SB-6 @ 6'	*6*	2/12/2016	**660 Y**	**4,200 Y**	**10,000**	**30**	**1,200**	**690**	**390**	**820**	**2,100**	<RL
SB-6 @ 10'	10	2/12/2016	<0.97	**6.7 Y**	**16**	<19	<4.9	<4.9	<4.9	<4.9	<4.9	<RL
SB-7 @ 5'	5	2/12/2016	<0.97	**1.1 Y**	<5.0	<19	<4.8	<4.8	<4.8	<4.8	<4.8	<RL
SB-7 @ 10'	10	2/12/2016	<1.0	<1.0	<5.0	<19	<4.7	<4.7	<4.7	<4.7	<4.7	<RL
SB-8 @ 5'	5	2/12/2016	<1.0	**1.5 Y**	<5.0	<19	<4.7	<4.7	<4.7	<4.7	<4.7	<RL
SB-8 @ 10'	10	2/12/2016	<0.98	**1.6 Y**	<5.0	<18	<4.5	<4.5	<4.5	<4.5	<4.5	<RL
Tier 1 ESLs - Soils			100	240	100	500	NE	NE	NE	NE	23	Varies
USEPA RSLs - Industrial			NE	NE	NE	670,000,000	240,000	120,000,000	NE	58,000,000	17	Varies

Notes:
ft bgs = Feet below ground surface
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds
DRO = Diesel range organics
ORO = Oil range organics
GRO = Gasoline range organics
mg/kg = Milligrams per kilogram
µg/kg = Micrograms per kilogram
Y = Sample exhibits chromatographic pattern which does not resemble standard
< = Analyte not detected at or above the laboratory detection limit
BOLD = Detected above laboratory Reporting Limit
<RL = Analyte not detected above respective laboratory Reporting Limit
Orange highlight = Analytical result above applicable screening level
Tier 1 ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016.

Table 2

GROUNDWATER ANALYTICAL RESULTS FOR TPH AND VOCS

Commercial Building

2449-2451 Santa Clara Avenue

Alameda, CA 94501

Sample ID	Depth (ft bgs)	Date	TPH			Volatile Organic Compounds (VOCs)					
			TPH GROs (C7 to C12)	TPH DROs (C10 to C24)	TPH OROs (C24 to C36)	1,2,4-Trimethylbenzene	sec-Butylbenzene	para-Isopropyl Toluene	n-Butylbenzene	Naphthalene	Other VOCs
Units			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EPA Method			**8015B**	**8015B**	**8015B**	**8260B**	**8260B**	**8260B**	**8260B**	**8260B**	**8260B**
SB-1	8	2/12/2016	<50	<47	<280	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
SB-2	8	2/12/2016	<50	<47	<280	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
SB-3	8	2/12/2016	<50	NS	<280	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
SB-4	9	2/12/2016	**140 Y**	**54,000 Y**	**95,000**	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
SB-5	9	2/12/2016	<50	**48 Y**	<280	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
SB-6	9	2/12/2016	**880 Y**	**220,000 Y**	**500,000**	**6.7**	**1.6**	**0.9**	**1.7**	**9.7**	<RL
SB-7	9	2/12/2016	<50	NS	<280	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
SB-8	9	2/12/2016	<50	<47	<280	<0.5	<0.5	<0.5	<0.5	<2.0	<RL
Tier 1 ESL - Groundwater			100	100	100*	NE	NE	NE	NE	0.12	Varies

Notes:

ft bgs = Feet below ground surface

TPH = Total petroleum hydrocarbons

DRO = Diesel range organics

ORO = Oil range organics

GRO = Gasoline range organics

VOCs = Volatile organic compounds

µg/L = Micrograms per liter

< = Analyte not detected at or above the laboratory detection limit

Y = Sample exhibits chromatographic pattern which does not resemble standard

BOLD = Detected above laboratory Reporting Limit

Orange highlight = Analytical result above applicable screening level

<RL = Analyte not detected above respective laboratory Reporting Limit

Table 3

GROUNDWATER ANALYTICAL RESULTS FOR METALS

Commercial Building

2449-2451 Santa Clara Avenue

Alameda, CA 94501

Sample ID	Date	Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc
Units			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EPA Method			6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B
SB-1	2/12/2016	9	**210**	**96**	**7,500**	**26**	**57**	**3,800**	**650**	**680**	**280**	**0.73**	<25	**4,400**	**2,300**	**2,600**
SB-2	2/12/2016	9	**140**	**160**	**5,400**	**17**	<25	**2,800**	**490**	**550**	**360**	**1.1**	<25	**3,100**	**1,700**	**1,800**
SB-4	2/12/2016	9	**95**	**88**	**3,400**	<10	<25	**1,900**	**310**	**410**	**130**	**0.51**	**70**	**2,000**	**1,200**	**1,200**
Tier 1 ESL - Groundwater			6.0	10	1,000	2.7	0.25	50	3.0	3.1	2.5	0.051	99	8.2	19	81
California's MCLs			6.0	10	1,000	4.0	5.0	50	6.0	1,000	15	2.0	99	100	50	5,000

Notes:

bgs = Below ground surface

µg/L = Micrograms per liter

< = Not detected at or above laboratory detection limit

BOLD = Detected above listed reporting limit

Orange highlight = Analytical result above applicable screening level

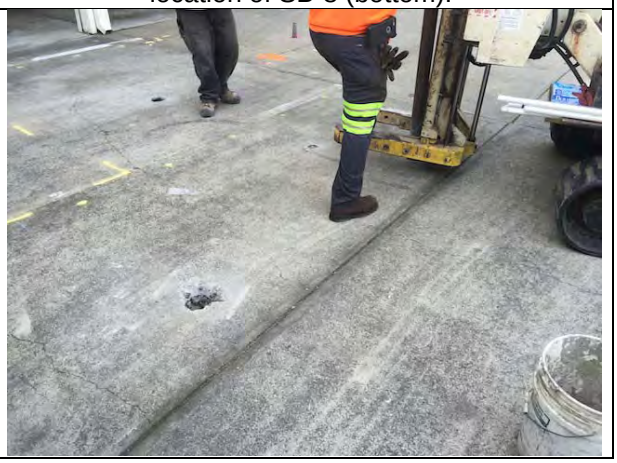
Tier 1 ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016.

Source: http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/ESL/Tier%201%20and%20Summary%20ESLs_22Feb16.pdf

APPENDIX A
Site Photographs

Location of Potential metal anomaly that could be a UST.	Additional view of metal anomaly located by GPR.
	

Drilling inside the craft shop.	Groundwater sampling in the craft shop.
	

View of surface completion in the craft shop.	Drilling in the parking lot on SB-.7 Also visible is location of SB-8 (bottom).
	

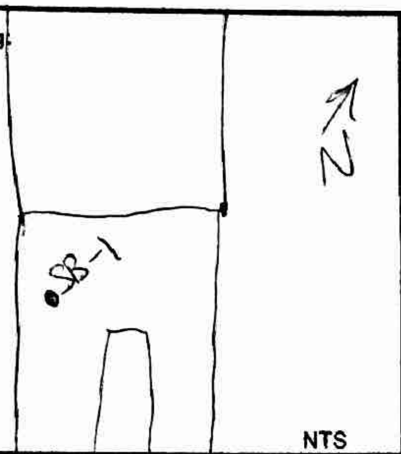
APPENDIX B
SOIL BORING LOGS

ODIC Environmental

Field Boring Log Sheet 1 of 1

Project: Santa Clara Blvd Alameda — Comercial Building	Boring No. SB-1
	Total Depth: 9'
Job No. 6360805ESAII	Logged by: C. Olson
Drilling Contractor: Cacasde	
Drill Rig Type: ~~GeoProbe or Dolly Rig~~ Hand Auger	
Drillers Name: Arturo	
Sampling Methods: ~~Acetate Liner~~ Auger Sample bucket	
Hammer WT. N/A	Drop N/A
Start Time 900	Date February 12, 2016
Completed Time 1000	Date February 12, 2016
Boring Depth: 9'	
Casing Depth: NA	
Water Depth: 8'	
Time: 930	
Date: 2/12/16	
Backfilled Time: 1000	Date: 2/12/16 By: Cascade
Surface Elev:	Datum:
Conditions:	

Location of Boring:



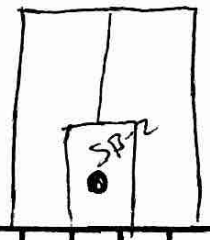
NTS

Liner Interval (feet)	Soil Type		Driven (inches)	Recovered (inches)	Sample Interval	Sample Time		Hydrocarbon Stain	Depth (feet)	Description
										Hand Auger
									1.0	
									3.0	
4-7										Silty ~~Clay~~/Sand, v. fine grain dk yllsh Brown (10YR 4/4) dry, no odor
					I	850				
									5.0	
										Same as above wet/damp
					I	855				
				Refusal w/ drill rig					7.0	940 ▽ Hand Auger
										Same as above, fine grain snd/clh yllsh brown wet
					I	920			9.0	End Boring @ 9'
									10.0	

ODIC Environmental

Field Boring Log Sheet 1 of 1

Location of Boring:

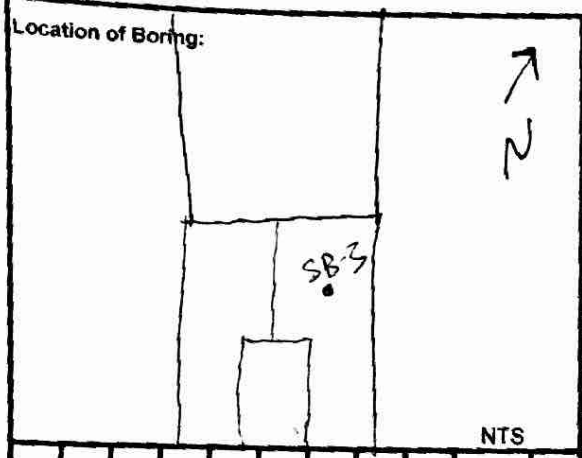


Project: Santa Clara Blvd Alameda Comercial Building	Boring No. SB-2
	Total Depth: 9'
Job No. 6360805ESA11	Logged by: C. Olson
Drilling Contractor: Cacasde	
Drill Rig Type: ~~GeoProbe or Dolly Rig~~ Hand Auger	
Drillers Name: Arturo	
Sampling Methods: ~~Acetate Liner~~ Sample bucket	
Hammer WT. N/A	Drop N/A
Start Time 1100	Date February 12, 2016
Completed Time 1215	Date February 12, 2016
Boring Depth: 9'	
Casing Depth: NA	
Water Depth: 8'	
Time: 1125	
Date: 2/12/16	
Backfilled Time: 1200 Date: 2/12/16 By: Cascade	
Surface Elev:	Datum:
Conditions:	

Liner Interval (feet)	Soil Type		Driven (inches)	Recovered (inches)	Sample Interval	Sample Time		Hydrocarbon Stain	Depth (feet)	
			Hand Auger						1.0	4" Concrete w/gravel Same gravel and Concrete pieces
									3.0	Silty Sand, very fine, poorly graded Sand, dark yellowish brown (10 YR 4/4), loose, dry
					I	1115			5.0	Same as above
									7.0	Same as above, damp
									1130 ▽	Same as above, wet
					I	1125			9.0	End Boring @ 9'
									10.0	

ODIC Environmental

Field Boring Log Sheet 1 of 1



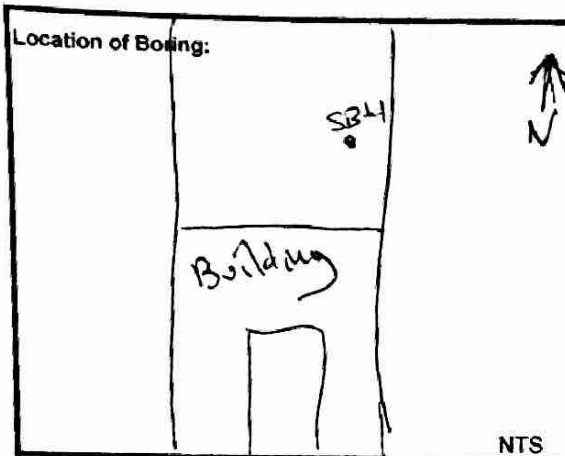
Project: Santa Clara Blvd Comercial Building Alameda	Boring No. SB-3
	Total Depth: 9'
Job No. 6360805ESAII	Logged by: C. Olson
Drilling Contractor: Cacasde	
Drill Rig Type: GeoProbe or Dolly Rig	
Drillers Name: Acnio	
Sampling Methods: Acetate Liner	
Hammer WT. N/A	Drop N/A
Start Time 1330	Date February 12, 2016
Completed Time 1340	Date February 12, 2016
Boring Depth: 9'	
Casing Depth: NA	
Water Depth: NA 8'	
Time:	
Date:	
Backfilled Time: 1300 Date: 2/12/16 By: Cascade	
Surface Elev:	Datum:
Conditions:	

Liner Interval (feet)	Soil Type		Driven (inches)	Recovered (inches)	Sample Interval	Sample Time		Hydrocarbon Stain	Depth (feet)	
			Hand Auger						1.0	12" - Concrete Slab
										Silty sand - poorly graded fine sand, dk yllsh brown (10YR 4/4) loose, no odor
									3.0	
				12					5.0	Same as above
									7.0	same as above, damp
				12					9.0	1305 Same as above, wet
									10.0	End Boring @ 9'

ODIC Environmental

Field Boring Log Sheet 1 of 1

Location of Boring:

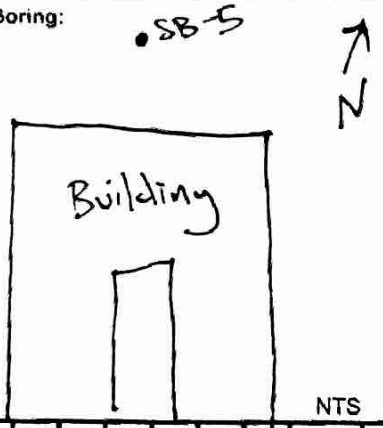


Project: Santa Clara	Boring No. SB-4
Comercial Bulding 8 W. Alameda	Total Depth: 10'
Job No. 6360805ESAII	Logged by: C. Olson
Drilling Contractor: Cacasde	
Drill Rig Type: GeoProbe ~~or Dolly Rig~~	
Drillers Name: Arturo	
Sampling Methods: Acetate Liner	
Hammer WT. N/A	Drop N/A
Start Time 1320	Date February 12, 2016
Completed Time 1420	Date February 12, 2016
Boring Depth: 10'	
Casing Depth: NA	
Water Depth: 9'	
Time: 1410	
Date: 2/12/16	
Backfilled Time: 1410	Date: 2/12/16 By: Cascade
Surface Elev:	Datum:
Conditions:	

Liner Interval (feet)	Soil Type		Driven (inches)	Recovered (inches)	Sample Interval	Sample Time		Hydrocarbon Stain	Depth (feet)	Description
										Concrete = 2" Hand Auger
									1.0	Silty Sand, olive brown (2.5Y4/4) damp, fine to med. sand, loose no odor
									3.0	Same as above
									5.0	same as above
						I	1412			
										Same as above
									7.0	
								Yes		Color change, grnsh grey (GLEY 5/1), slight petroleum odor
									1450	Color change, dk yllsh brown
									9.0 ▽	(10YR4/4), wet
						I	1420		10.0	
										End Boring @ 10'

Field Boring Log Sheet _____ of _____

Location of Boring: • SB-5



Project: Commercial Building		Boring No. SB-5	
2449-2451 Santa Clara Blvd		Total Depth: 10'	
6360805 ESA11		Logged by: C. Olson	
Drilling Contractor: Cascade			
Drill Rig Type: Geoprobe			
Driller Name: Arturo			
Sampling Methods: Acetate Liner			
Hammer WT. NA		Drop NA	
Start Time 1430		Date 2-12-16	
Completed Time 1510		Date 2-12-16	
Boring Depth:	10'		
Casing Depth:	NA		
Water Depth:	9'		
Time:	1450		
Date:	2/12/16		
Backfilled Time: 1520	Date: 2/12/16	By: Cascade	
Surface Elev:	Datum:		
Conditions:			

Depth (feet)	Type	Driven (inches)	Received (inches)	Sample	Time	Hydrocarbon Stain	Depth (feet)	
5', 8',					1430		5.0	
8', 10',					1435		9.0	1510
							10.0	

Concrete = 2"
Hand Auger to 5'
Silty Sand, v. fine grain, dk yllsh brown (10 YR 4/3) dry, no odor, loose

1.0

same as above

3.0

same as above

5.0

Increasing silt, damp no odor

7.0

Water @ 9', Increased sand wet, loose, no odor

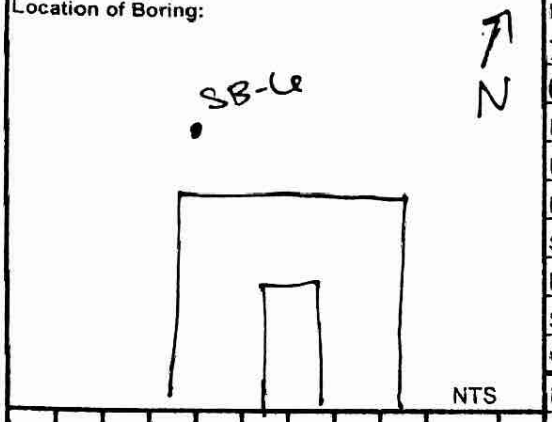
9.0

End Borng @ 10'

10.0

Field Boring Log Sheet 1 of 1

Location of Boring:



Project: Commercial Building Santa Clara Blvd, Arnold		Boring No.	SB-6
636080SFS411		Total Depth:	10'
		Logged by:	C. Olson
Drilling Contractor: Cascade			
Drill Rig Type: Geoprobe			
Driller Name: Arthur			
Sampling Methods: Acetate Liner			
Hammer WT. NA		Drop NA	
Start Time 1510		Date 2-12-16	
Completed Time 1540		Date 2-12-16	
Boring Depth:	10'		
Casing Depth:	NA		
Water Depth:	9'		
Time:	1530		
Date:	2-12-16		
Backfilled Time: 1540	Date: 2-12-16	By: Cascade	
Surface Elev:	Datum:		
Conditions:			

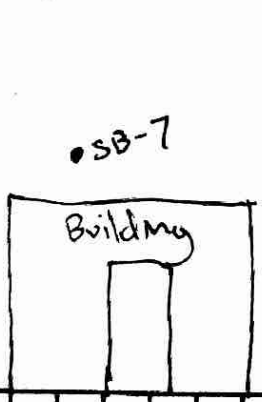
Depth (feet)	Type		Driven (inches)	Received (inches)	Sample Interval	Time		Hydrocarbon Stain	Depth (feet)	
5-8'					I	1535		Yes	1.0	4" = Concrete Silty Sand, poorly graded v. fine sand dk yllsh brn (10YR4/3) loose, no odor
									3.0	Same as above
									5.0	Sand w/silt, v. fine sand greensh grey (GLEY5/1), petroleum odor, damp, loose petroleum stain
									7.0	
8'-10'					I	1545			9.0	Silty Sand, fine sand, yllsh brown (10YR 4/3), slight petroleum odor, wet
									10.0	End Boring @ 10

Hand Auger to 5'

1600

Field Boring Log Sheet 1 of 1

Location of Boring:



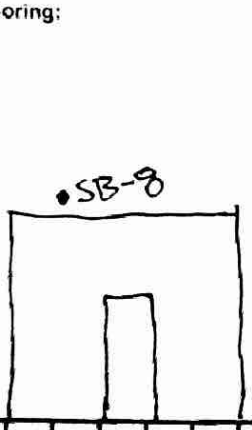
Project: Commercial Building Santa Clara Blvd Almeda	Boring No. SB-7
6360805 ESA II	Total Depth: 10'
	Logged by: C. Olson
Drilling Contractor: Cascade	
Drill Rig Type: Geoprobe	
Driller Name: Arturo	
Sampling Methods: Acetate Liner	
Hammer WT. NA	Drop NA
Start Time 1550	Date 2-12-16
Completed Time 1630	Date 2-12-16
Boring Depth: 10'	
Casing Depth: NA	
Water Depth: 9'	
Time: 1620	
Date: 2-12-16	
Backfilled Time: 1640 Date: 2-12-16 By: Cascade	
Surface Elev:	Datum:
Conditions:	

Depth (feet)	Type		Driven (inches)	Received (inches)	Sample Interval	Time		Hydrocarbon Stain	Depth (feet)	
									1.0	4" = Concrete Silty Sand, v. fine grain, olive brown (2.5Y 4/3) dry, fine sand, loose, no odor
									3.0	Same as above
5'-8'			↑	↑	I	1600			5.0	same as above Silty sand, fine grain, same color, loose, damp
8'-10'			↓	↓	I	1600			7.0 9.0 10.0	1620 Same as above wet, no odor End Boring @ 10'

Hand Augered to 5'

Field Boring Log Sheet 1 of 1

Location of Boring:



Project: Commercial BLD 2449-2451 Santa Clara Blvd	Boring No. SB-8
6360805ESA11	Total Depth: 10'
	Logged by: C. Olson
Drilling Contractor: Cascade	
Drill Rig Type: Geoprobe and Hand Auger	
Driller Name: Arturo	
Sampling Methods: Acetate Liners	
Hammer WT. NA	Drop NA
Start Time 1630	Date 2-12-16
Completed Time 1700	Date 2-12-16
Boring Depth: 10'	
Casing Depth: NA	
Water Depth: 9'	
Time: 1640	
Date: 2-12-16	
Backfilled Time: 1710 Date: 2-12-16 By: Cascade	
Surface Elev:	Datum:
Conditions:	

Depth (feet)	Type	Driven (inches)	Received (inches)	Sample Interval	Time	Hydrocarbon Stain	Depth (feet)	
							1.0	4" - Concrete
							3.0	Hand Augs to 5' Silty Sand, fine grain dk yllsh brown (10YR3/4), dry, no odor
							5.0	
5'-8'		↑	↑	I	1630			Same as above, damp
							7.0	Same as above
8'-10'		✱	✱				1640 ▽ 9.0	Sand w/ silt, v. fine grain, v. dark yllsh brown (10YR5/4), no odor wet
		↓	↓	I	1630		10.0	End Boring @ 10'

APPENDIX C
LABORATORY ANALYSIS REPORT


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 274186
ANALYTICAL REPORT

ODIC Environmental & Energy
3255 Wilshire Blvd. Suite 1510
Los Angeles, CA 90010

Project : STANDARD
Location : Commercial BLD - Alameda
Level : II

Sample ID	Lab ID
SB-1	274186-001
SB-2	274186-002
SB-3	274186-003
SB-4	274186-004
SB-5	274186-005
SB-6	274186-006
SB-7	274186-007
SB-8	274186-008
SB-5 @ 10'	274186-009
SB-6 @ 6'	274186-010
SB-6 @ 10'	274186-011
SB-7 @ 5'	274186-012
SB-7 @ 10'	274186-013
SB-8 @ 5'	274186-014
SB-8 @ 10'	274186-015
SB-1 @ 4'	274186-016
SB-1 @ 7'	274186-017
SB-1 @ 9'	274186-018
SB-2 @ 5'	274186-019
SB-2 @ 9'	274186-020
SB-3 @ 5'	274186-021
SB-3 @ 9'	274186-022
SB-4 @ 5'	274186-023
SB-4 @ 10'	274186-024
SB-5 @ 5'	274186-025

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

Signature: Mikelle Chong Date: 02/25/2016

Mikelle Chong
Project Manager
mikelle.chong@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**274186**
Client:	**ODIC Environmental & Energy**
Location:	**Commercial Bid - Alameda**
Request Date:	**02/12/16**
Samples Received:	**02/12/16**

This data package contains sample and QC results for eleven soil samples and eight water samples, requested for the above referenced project on 02/12/16. The samples were received on ice and intact, directly from the field. Some sample preservation was done upon receipt; see the attached receipt form.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
High surrogate recovery was observed for bromofluorobenzene (FID) in SB-6 @ 6' (lab # 274186-010). No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
SB-4 (lab # 274186-004) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:
High surrogate recoveries were observed for o-terphenyl in SB-1 @ 9' (lab # 274186-018) and SB-3 @ 9' (lab # 274186-022); no target analytes were detected in these samples. SB-6 @ 6' (lab # 274186-010) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
Low response was observed for tert-butyl alcohol (TBA) in the CCV analyzed 02/19/16 13:54; this analyte met minimum response criteria, and affected data was qualified with "b". Low recovery was observed for toluene in the MS for batch 232260; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. High RPD was observed for trichloroethene in the MS/MSD for batch 232260; this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Matrix spikes were not performed for this analysis in batch 232159 due to insufficient sample amount. High surrogate recovery was observed for bromofluorobenzene in SB-6 @ 6' (lab # 274186-010). SB-6 @ 6' (lab # 274186-010) was diluted due to high hydrocarbons. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
Chromium was detected above the RL in the method blank for batch 232137; this

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**274186**
Client:	**ODIC Environmental & Energy**
Location:	**Commercial Bid - Alameda**
Request Date:	**02/12/16**
Samples Received:	**02/12/16**

Metals (EPA 6010B and EPA 7470A):

analyte was detected in samples at a level at least 10 times that of the blank. No other analytical problems were encountered.

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

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

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

Client / Reporting Information

Company Name: ODIC Environmental
Address: 3255 Wilshire Blvd #1510
City: Los Angeles State: CA Zip:
Project Contact: Cora Olson / Mel Kim
Phone #: 213-380-0090
Samplers's Name: Cora Olson

Project Information

Project Name: Commercial BID-Alameda
Street: 2499-2451 Santa Clara Ave
City: Alameda State: CA
Project #: 6360805ESA11
EMAIL: melk@odicenv.com
Client Purchase Order #:

Requested Analysis: TPH-gas (8015M); TPH-diesel, oil (8015M); VOCs (fuel oxygenates) 8260B; Title 22 Metals

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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH-gas (8015M)	TPH-diesel, oil (8015M)	VOCs (fuel oxygenates) 8260B	Title 22 Metals	LAB USE ONLY
1	SB-1	2/12/16	940	CO	GW	6	3		1		2				X	X	X	X	
2	SB-2	2/12/16	1130	CO	GW	9	6		1		2				X	X	X	X	
3	SB-3	2/12/16	1305	CO	GW	9	6								X		X		
4	SB-4	2-12-16	1450	CO	GW	9	6		1	4	2				X	X	X	X	
5	SB-5	2-12-16	1510	CO	GW	9	6		1		2				X	X	X		
6	SB-6	2-12-16	1600	↓	↓	9	6		1		2				X	X	X		
7	SB-7	2-12-16	1620			9	6								X		X		
8	SB-8	2-12-16	1640	↓	↓	9	6		1		2				X	X	X		

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

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

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [ ] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker
- [ ] EDD Format________

Provide EDF Global ID ____________
Provide EDF Logcode: ____________

Comments / Remarks

C + T
cold direct

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	2-2-16 522	1 [signature]	2		2
Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by:	Date Time:	Received By: 5	Custody Seal #		

Appropriate Bottle / Pres. Y / N Headspace Y / N On Ice Y / N Cooler Temp. ________oC
Labels match Coc? Y / N Separate Receiving Check List used: Y / N

CHAIN OF CUSTODY

274186

2 of 3

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

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

Client / Reporting Information

Company Name: ODIC
Address: 3255 Wilshire Blvd #510
City: Los Angeles State: CA Zip: 90010
Project Contact: Mel Kim
Phone #: 213-380-0090
Samplers's Name: Cora Olsen

Project Information

Project Name: Commercial BLD
Street: 2949-2951 Santa Clara Ave
City: Alameda State: CA
Project #: 6560805ESA11
EMAIL: melk@odicenv.com
Client Purchase Order #:

Requested Analysis

TPH-gas (8015M)
TPH-diesel (8015M)
VOCs (8260B)
Fuel oxygenates (8260B)
Title 22 Metals

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LiQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH-gas	TPH-diesel	VOCs	Fuel oxygenates	Title 22 Metals
9	SB-5@10'	2-12-16	1435	CO	SO	1					X				X	X	X		
10	SB-6@5'	2-12-16	1555	CO	SO	1					X				X	X	X		
11	SB-6@10'		1615	CO	SO	1					X				X	X	X		
12	SB-7@5'		1600																
13	SB-7@10'		1600																
14	SB-8@5'		1630																
15	SB-8@10'		1630																

Turnaround Time (Business days)

Approved By:/ Date:

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

Emergency T/A data available VIA Lablink

Data Deliverable Information

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

Comments / Remarks

cold & iced

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
	2-12-16 1722	1 Trey Bobz	2		2
Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres. Y / N	Headspace Y / N	On Ice Y / N	Cooler Temp.
		5		Labels match Coc? Y / N	Separate Receiving Check List used: Y / N		oC

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CHAIN OF CUSTODY

274186

3 of 3

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

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

Client / Reporting Information

Company Name: ODIC Environmental
Address: 3255 Wilshire Blvd #1510
City: Los Angeles State: CA Zip:
Project Contact: Cora Olsen / Mel Kim
Phone #: 213-380-0090
Samplers's Name: Cora Olsen

Project Information

Project Name: Commercial BLD - Alameda
Street: 2449-2151 Santa Clara Ave
City: Alameda State: CA
Project #: C360805 ESA II
EMAIL: melk@odicenv.com
Client Purchase Order #:

Requested Analysis

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH - gas (8015M)	TPH - diesel / oil (8015M)	VOCs (8260B) (Oxygenates)	Methane, Ethane, Ethene		LAB USE ONLY
16	SB-1@4'	2/12/16	850	CO	SO	1					X				X	X	X		HOLD	
17	SB-1@7'	2/12/16	855	CO	SO	1					X				X	X	✓		HOLD	
18	SB-1@9'	2/12/16	920	CO	SO	1					X				X	X	X		X	
19	SB-2@5'	2/12/16	1115	CO	SO	1					X				X	X	X		HOLD	
20	SB-2@9'	2/12/16	1125	CO	SO	1					✓				X	X	X		X	
21	SB-3@5'	2/12/16	1250	CO	SO	1					X				X	X	X		HOLD	
22	SB-3@9'	2/12/16	1255	CO	SO	1					X				X	X	X			
23	SB-4@5	2/12/16	1412																HOLD	
24	SB-4@10	2/12/16	1420																	
25	SB-5@5'	2-2-16	1430																HOLD	

Turnaround Time (Business days)

Approved By:/ Date:

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

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [ ] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format_____

Provide EDF Global ID _____

Provide EDF Logcode: _____

Comments / Remarks

Cold aired

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		2-12-16 522	Troy Dobson	2		2
2	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
			3	4		4
3	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres. Y / N	Headspace Y / N	On Ice Y / N	Cooler Temp.
			5		Labels match Coc? Y / N	Separate Receiving Check List used: Y / N		_____oC

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COOLER RECEIPT CHECKLIST Curtis & Tompkins, Ltd.

Login # 274186 Date Received 2/12/16 Number of coolers 2
Client ODIC Env. Project Commercial BIP - Alameda

Date Opened 2/12 By (print) CW (sign)
Date Logged in 2/15 By (print) SL (sign)

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

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
How many Name Date
2B. Were custody seals intact upon arrival? YES NO (N/A)
3. Were custody papers dry and intact when received? (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)

☒ Bubble Wrap ☐ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

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

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

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

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

8. Were Method 5035 sampling containers present? YES (NO)
If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? (YES) NO
10. Are there any missing / extra samples? YES (NO)
11. Are samples in the appropriate containers for indicated tests? (YES) NO
12. Are sample labels present, in good condition and complete? (YES) NO
13. Do the sample labels agree with custody papers? (YES) NO
14. Was sufficient amount of sample sent for tests requested? (YES) NO
15. Are the samples appropriately preserved? YES (NO) N/A
16. Did you check preservatives for all bottles for each sample? (YES) NO N/A
17. Did you document your preservative check? (pH strip lot# HC412308) (YES) NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? (YES) NO N/A
21. Was the client contacted concerning this sample delivery? YES (NO)
If YES, Who was called? By Date:

COMMENTS
15.) Added HNO3 (113071) to pH<2 for sample 1 on 2/15/16 @ 1530

Rev 12, 12/01/15

Curtis & Tompkins Sample Preservation for 274186

Sample	pH: <2	>9	>12	Other
-001a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[X]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
-002a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[ ]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[X]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
-004a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[ ]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[X]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
-005a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[ ]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[X]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
-006a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[ ]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[X]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
-008a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[ ]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[X]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____

Analyst: SC
Date: 02/15/16

Curtis & Tompkins, Ltd.

Detections Summary for 274186

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

Client : ODIC Environmental & Energy
Project : STANDARD
Location : Commercial BLD - Alameda

Client Sample ID : SB-1 Laboratory Sample ID : 274186-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Antimony	210		50	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Arsenic	96		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Barium	7,500		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Beryllium	26		10	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Cadmium	57		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Chromium	3,800		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Cobalt	650		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Copper	680		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Lead	280		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Mercury	0.73		0.50	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Nickel	4,400		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Vanadium	2,300		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Zinc	2,600		100	ug/L	TOTAL	1.000	EPA 6010B	METHOD

Client Sample ID : SB-2 Laboratory Sample ID : 274186-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Antimony	140		50	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Arsenic	160		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Barium	5,400		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Beryllium	17		10	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Chromium	2,800		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Cobalt	490		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Copper	550		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Lead	360		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Mercury	1.1		0.50	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Nickel	3,100		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Vanadium	1,700		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Zinc	1,800		100	ug/L	TOTAL	1.000	EPA 6010B	METHOD

Client Sample ID : SB-3 Laboratory Sample ID : 274186-003

No Detections

Curtis & Tompkins, Ltd.

Client Sample ID : SB-4 Laboratory Sample ID : 274186-004

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	140	Y	50	ug/L	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	54,000	Y	470	ug/L	As Recd	10.00	EPA 8015B	EPA 3520C
Motor Oil C24-C36	95,000		2,800	ug/L	As Recd	10.00	EPA 8015B	EPA 3520C
Antimony	95		50	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Arsenic	88		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Barium	3,400		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Chromium	1,900		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Cobalt	310		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Copper	410		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Lead	130		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Mercury	0.51		0.50	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Molybdenum	70		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Nickel	2,000		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Vanadium	1,200		25	ug/L	TOTAL	1.000	EPA 6010B	METHOD
Zinc	1,200		100	ug/L	TOTAL	1.000	EPA 6010B	METHOD

Client Sample ID : SB-5 Laboratory Sample ID : 274186-005

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	48	Y	47	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C

Client Sample ID : SB-6 Laboratory Sample ID : 274186-006

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	880	Y	50	ug/L	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	220,000	Y	4,700	ug/L	As Recd	100.0	EPA 8015B	EPA 3520C
Motor Oil C24-C36	500,000		28,000	ug/L	As Recd	100.0	EPA 8015B	EPA 3520C
1,2,4-Trimethylbenzene	6.7		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
sec-Butylbenzene	1.6		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
para-Isopropyl Toluene	0.9		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
n-Butylbenzene	1.7		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Naphthalene	9.7		2.0	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : SB-7 Laboratory Sample ID : 274186-007

No Detections

Client Sample ID : SB-8 Laboratory Sample ID : 274186-008

No Detections

Client Sample ID : SB-5 @ 10' Laboratory Sample ID : 274186-009

No Detections

Client Sample ID : SB-6 @ 6' Laboratory Sample ID : 274186-010

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	660	Y	40	mg/Kg	As Recd	200.0	EPA 8015B	EPA 5030B
Diesel C10-C24	4,200	Y	100	mg/Kg	As Recd	100.0	EPA 8015B	EPA 3550B
Motor Oil C24-C36	10,000		500	mg/Kg	As Recd	100.0	EPA 8015B	EPA 3550B
Acetone	30		19	ug/Kg	As Recd	0.9259	EPA 8260B	EPA 5030B
1,2,4-Trimethylbenzene	1,200		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B
sec-Butylbenzene	690		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B
para-Isopropyl Toluene	390		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B
n-Butylbenzene	820		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B
Naphthalene	2,100		250	ug/Kg	As Recd	50.00	EPA 8260B	EPA 5030B

Client Sample ID : SB-6 @ 10' Laboratory Sample ID : 274186-011

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	6.7	Y	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	16		5.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Client Sample ID : SB-7 @ 5' Laboratory Sample ID : 274186-012

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.1	Y	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Client Sample ID : SB-7 @ 10' Laboratory Sample ID : 274186-013

No Detections

Client Sample ID : SB-8 @ 5' Laboratory Sample ID : 274186-014

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.5	Y	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Client Sample ID : SB-8 @ 10' Laboratory Sample ID : 274186-015

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.6	Y	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Client Sample ID : SB-1 @ 9' Laboratory Sample ID : 274186-018

No Detections

Client Sample ID : SB-2 @ 9' Laboratory Sample ID : 274186-020

No Detections

Client Sample ID : SB-3 @ 9' Laboratory Sample ID : 274186-022

No Detections

Client Sample ID : SB-4 @ 10' Laboratory Sample ID : 274186-024

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	2.8	Y	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B

Y = Sample exhibits chromatographic pattern which does not resemble standard

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/12/16
Units:	ug/L	Received:	02/12/16
Diln Fac:	1.000		

Field ID: SB-1 Batch#: 232292
Type: SAMPLE Analyzed: 02/21/16
Lab ID: 274186-001

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	80-132

Field ID: SB-2 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-002

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	80-132

Field ID: SB-3 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-003

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	80-132

Field ID: SB-4 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-004

Analyte	Result	RL
Gasoline C7-C12	140 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	80-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/12/16
Units:	ug/L	Received:	02/12/16
Diln Fac:	1.000		

Field ID: SB-5 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-005

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	109	80-132

Field ID: SB-6 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-006

Analyte	Result	RL
Gasoline C7-C12	880 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	118	80-132

Field ID: SB-7 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-007

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	80-132

Field ID: SB-8 Batch#: 232120
Type: SAMPLE Analyzed: 02/16/16
Lab ID: 274186-008

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	80-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/12/16
Units:	ug/L	Received:	02/12/16
Diln Fac:	1.000		

Type: BLANK
Lab ID: QC823490
Batch#: 232120
Analyzed: 02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	80-132

Type: BLANK
Lab ID: QC824202
Batch#: 232292
Analyzed: 02/21/16

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	80-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC823489	Batch#:	232120
Matrix:	Water	Analyzed:	02/16/16
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,049	105	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	80-132

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	SB-4	Batch#:	232120
MSS Lab ID:	274186-004	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/16/16
Diln Fac:	1.000		

Type: MS Lab ID: QC823491

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	135.2	2,000	2,313	109	76-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	124	80-132

Type: MSD Lab ID: QC823492

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,271	107	76-120	2	20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	127	80-132

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC824203	Batch#:	232292
Matrix:	Water	Analyzed:	02/21/16
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,076	108	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	111	80-132

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	SB-1	Batch#:	232292
MSS Lab ID:	274186-001	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/21/16
Diln Fac:	1.000		

Type: MS Lab ID: QC824204

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	48.19	2,000	2,079	102	76-120

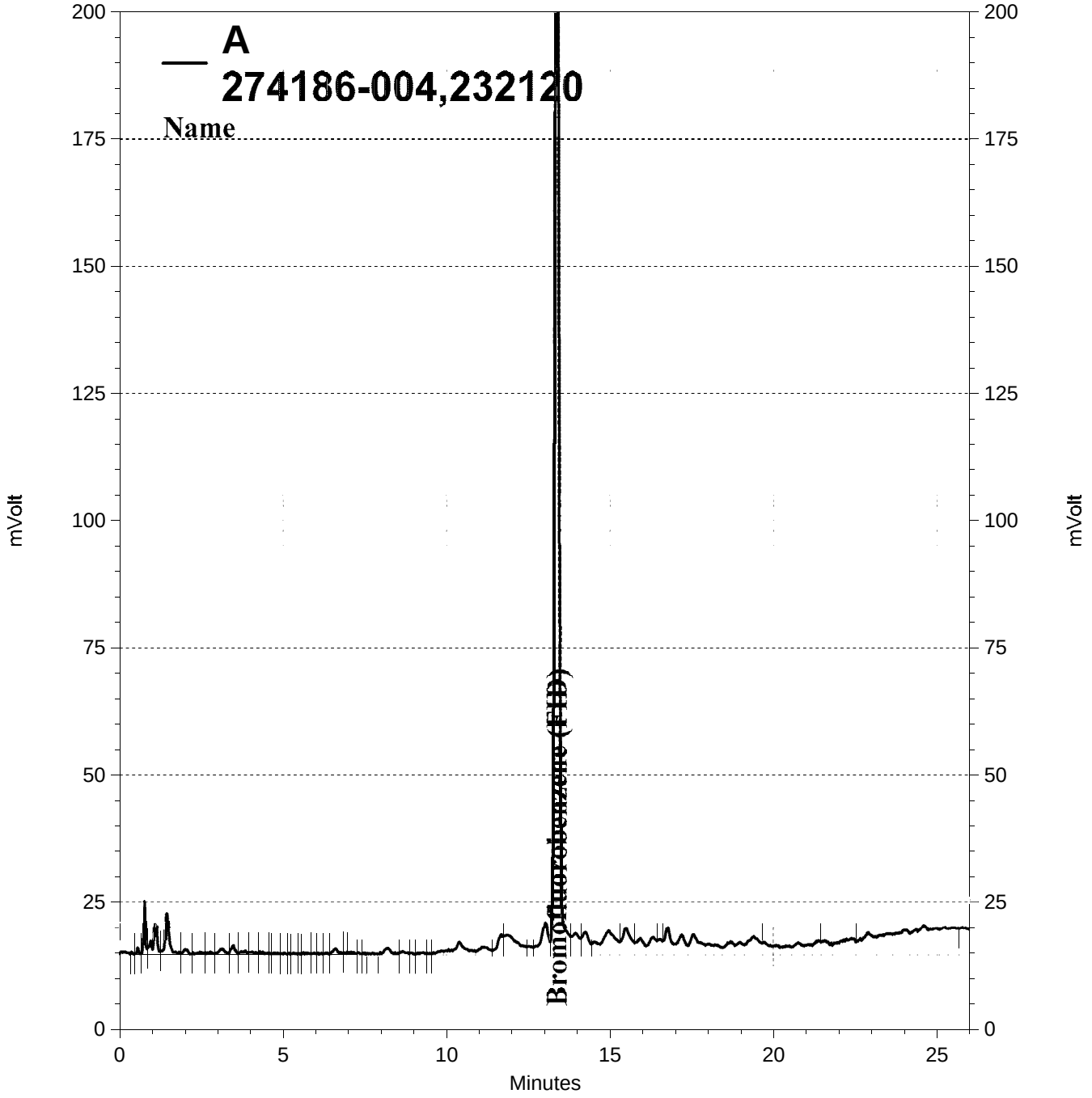
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	116	80-132

Type: MSD Lab ID: QC824205

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,038	100	76-120	2	20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	80-132

RPD= Relative Percent Difference



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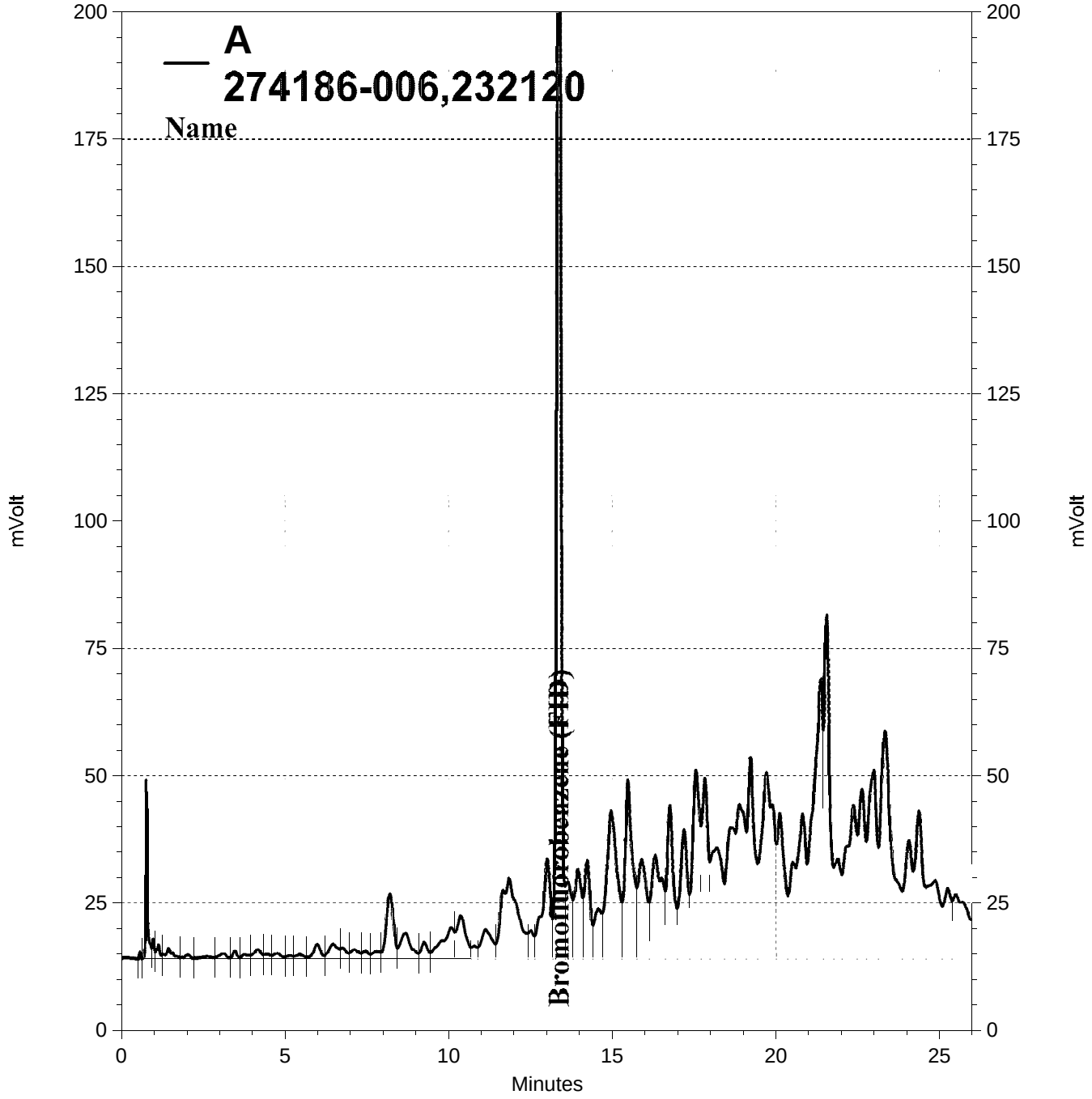

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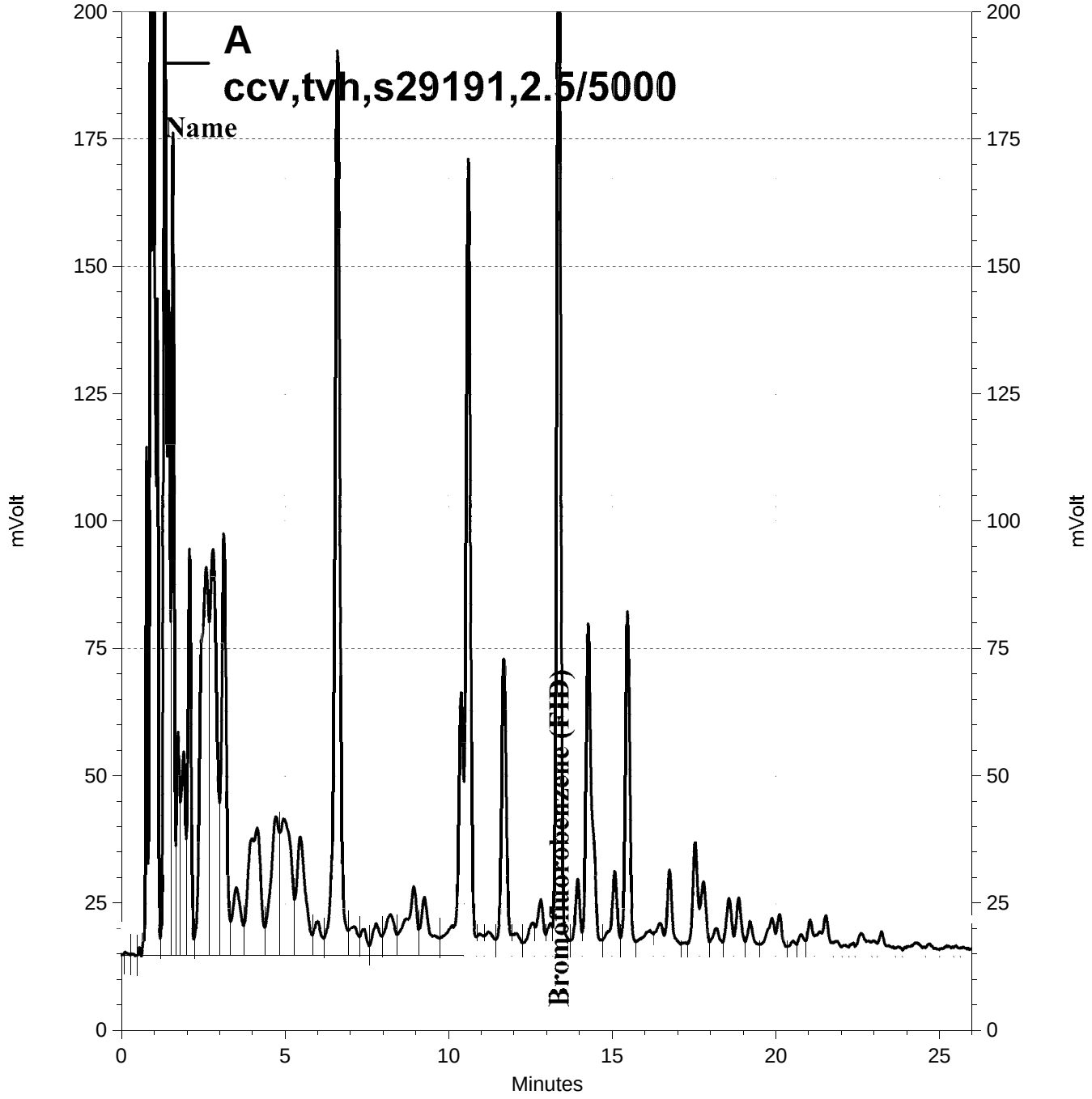

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Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received		

Field ID:	SB-5 @ 10'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-009	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	78-138

Field ID:	SB-6 @ 6'	Diln Fac:	200.0
Type:	SAMPLE	Batch#:	232126
Lab ID:	274186-010	Analyzed:	02/17/16

Analyte	Result	RL
Gasoline C7-C12	660 Y	40

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	153 *	78-138

Field ID:	SB-6 @ 10'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-011	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	78-138

Field ID:	SB-7 @ 5'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-012	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	78-138

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received		

Field ID:	SB-7 @ 10'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-013	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	78-138

Field ID:	SB-8 @ 5'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-014	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	78-138

Field ID:	SB-8 @ 10'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-015	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	0.98

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	78-138

Field ID:	SB-1 @ 9'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-018	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	78-138

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received		

Field ID:	SB-2 @ 9'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-020	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	78-138

Field ID:	SB-3 @ 9'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-022	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	78-138

Field ID:	SB-4 @ 10'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	232101
Lab ID:	274186-024	Analyzed:	02/16/16

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	78-138

Type:	BLANK	Batch#:	232101
Lab ID:	QC823424	Analyzed:	02/16/16
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	78-138

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received		

Type:	BLANK	Batch#:	232126
Lab ID:	QC823516	Analyzed:	02/16/16
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	78-138

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC823423	Batch#:	232101
Matrix:	Soil	Analyzed:	02/16/16
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9598	96	80-121

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	78-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	SB-6 @ 10'	Diln Fac:	1.000
MSS Lab ID:	274186-011	Batch#:	232101
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Type: MS Lab ID: QC823425

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.3230	10.31	8.688	81	50-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	78-138

Type: MSD Lab ID: QC823426

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.901	8.593	84	50-120	3	31

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	78-138

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC823517	Batch#:	232126
Matrix:	Soil	Analyzed:	02/16/16
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9101	91	80-121

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	78-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	274198-001	Batch#:	232126
Matrix:	Soil	Sampled:	02/15/16
Units:	mg/Kg	Received:	02/15/16
Basis:	as received	Analyzed:	02/16/16

Type: MS Lab ID: QC823533

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1853	9.709	9.755	99	50-120

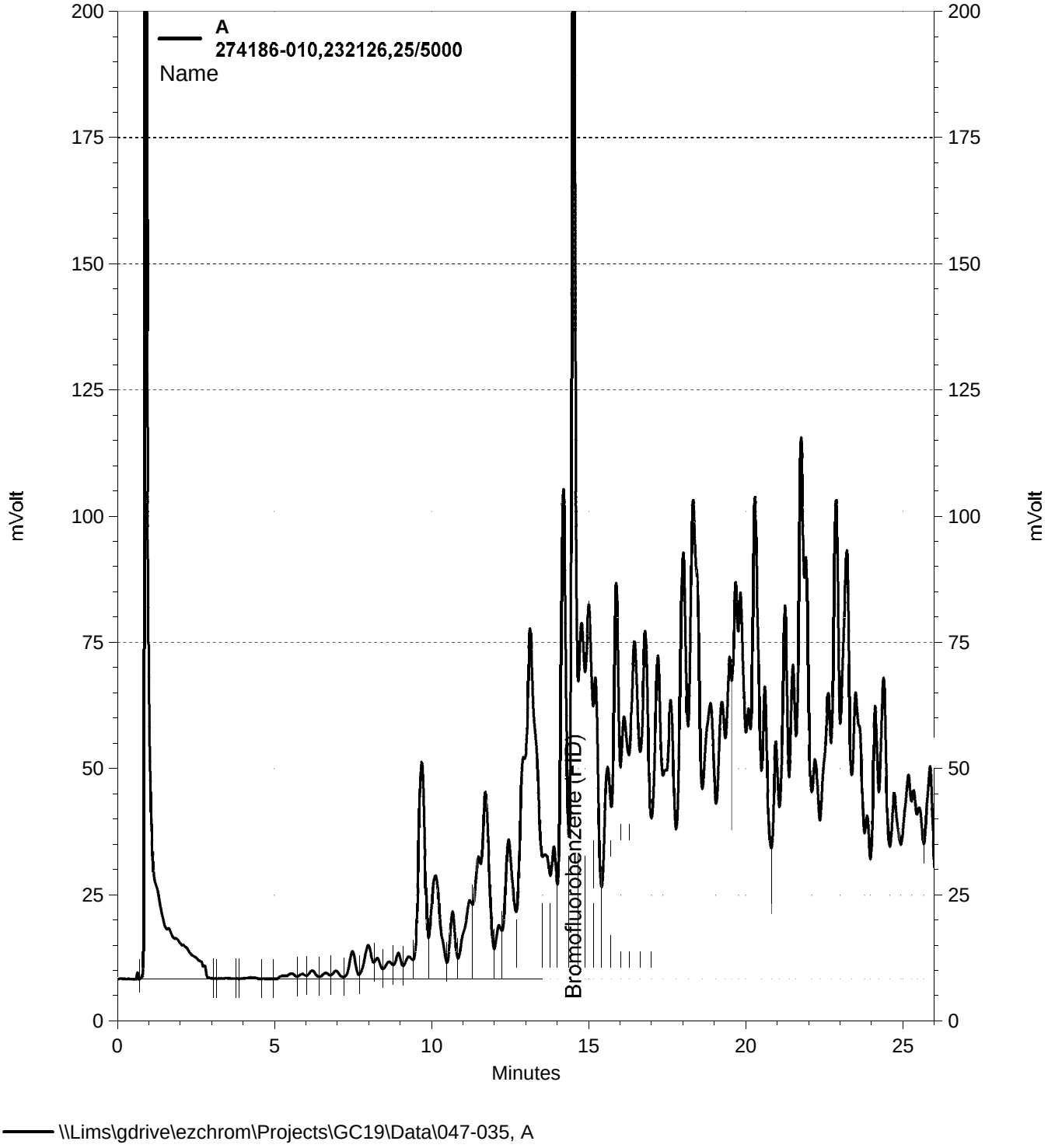
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	112	78-138

Type: MSD Lab ID: QC823534

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.31	9.758	93	50-120	6	31

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	110	78-138

RPD= Relative Percent Difference



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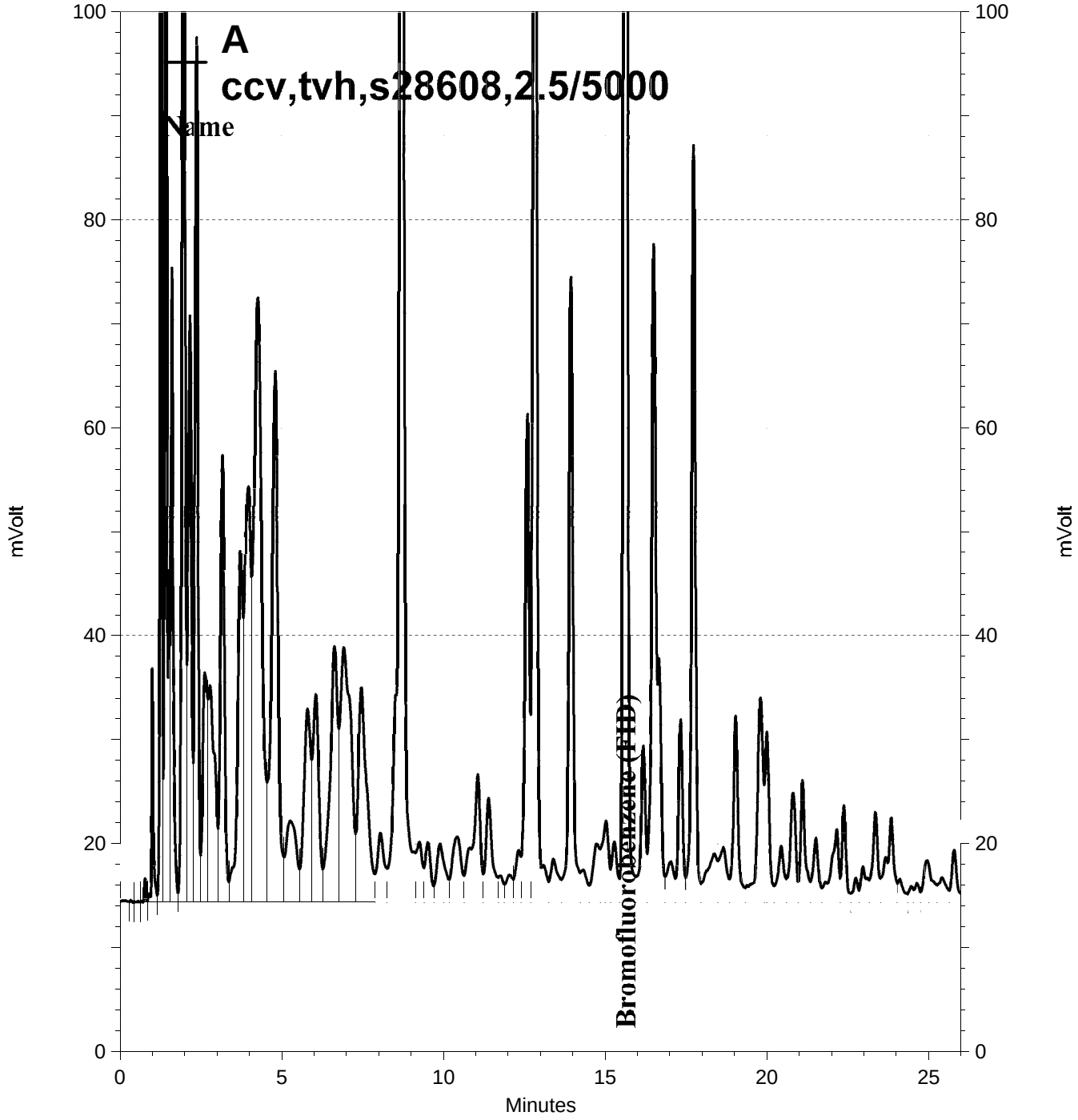
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5
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15
20
25
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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/12/16
Units:	ug/L	Received:	02/12/16
Batch#:	232165	Prepared:	02/17/16

Field ID: SB-1 Diln Fac: 1.000
Type: SAMPLE Analyzed: 02/18/16
Lab ID: 274186-001

Analyte	Result	RL
Diesel C10-C24	ND	47
Motor Oil C24-C36	ND	280

Surrogate	%REC	Limits
o-Terphenyl	104	67-136

Field ID: SB-2 Diln Fac: 1.000
Type: SAMPLE Analyzed: 02/18/16
Lab ID: 274186-002

Analyte	Result	RL
Diesel C10-C24	ND	47
Motor Oil C24-C36	ND	280

Surrogate	%REC	Limits
o-Terphenyl	111	67-136

Field ID: SB-4 Diln Fac: 10.00
Type: SAMPLE Analyzed: 02/19/16
Lab ID: 274186-004

Analyte	Result	RL
Diesel C10-C24	54,000 Y	470
Motor Oil C24-C36	95,000	2,800

Surrogate	%REC	Limits
o-Terphenyl	DO	67-136

Field ID: SB-5 Diln Fac: 1.000
Type: SAMPLE Analyzed: 02/18/16
Lab ID: 274186-005

Analyte	Result	RL
Diesel C10-C24	48 Y	47
Motor Oil C24-C36	ND	280

Surrogate	%REC	Limits
o-Terphenyl	115	67-136

Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/12/16
Units:	ug/L	Received:	02/12/16
Batch#:	232165	Prepared:	02/17/16

Field ID: SB-6 Diln Fac: 100.0
Type: SAMPLE Analyzed: 02/19/16
Lab ID: 274186-006

Analyte	Result	RL
Diesel C10-C24	220,000 Y	4,700
Motor Oil C24-C36	500,000	28,000

Surrogate	%REC	Limits
o-Terphenyl	DO	67-136

Field ID: SB-8 Diln Fac: 1.000
Type: SAMPLE Analyzed: 02/18/16
Lab ID: 274186-008

Analyte	Result	RL
Diesel C10-C24	ND	47
Motor Oil C24-C36	ND	280

Surrogate	%REC	Limits
o-Terphenyl	111	67-136

Type: BLANK Diln Fac: 1.000
Lab ID: QC823692 Analyzed: 02/18/16

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	110	67-136

Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	232165
Units:	ug/L	Prepared:	02/17/16
Diln Fac:	1.000	Analyzed:	02/18/16

Type: BS Lab ID: QC823693

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,427	97	60-121

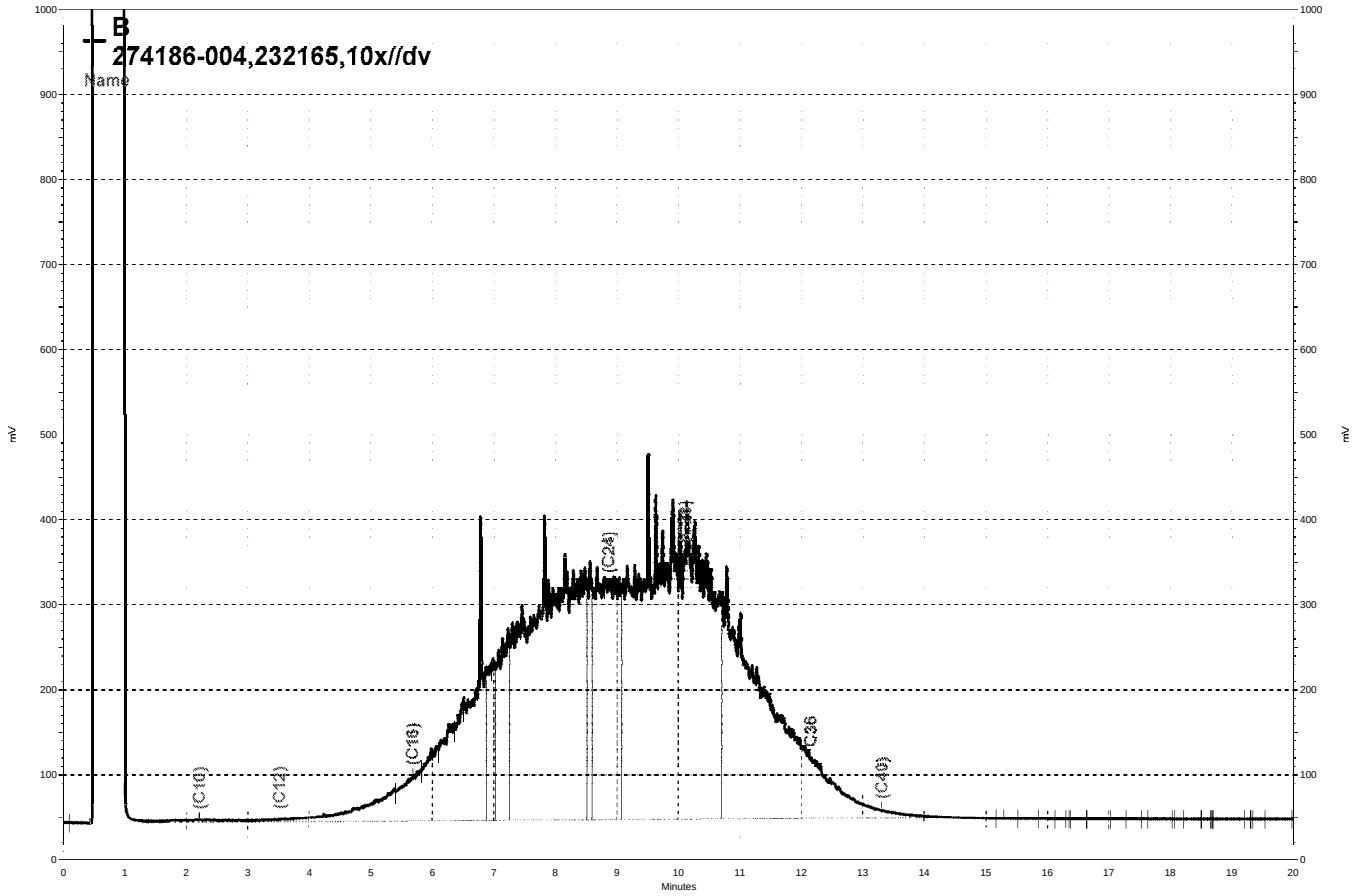
Surrogate	%REC	Limits
o-Terphenyl	119	67-136

Type: BSD Lab ID: QC823694

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,282	91	60-121	6	32

Surrogate	%REC	Limits
o-Terphenyl	108	67-136

RPD= Relative Percent Difference



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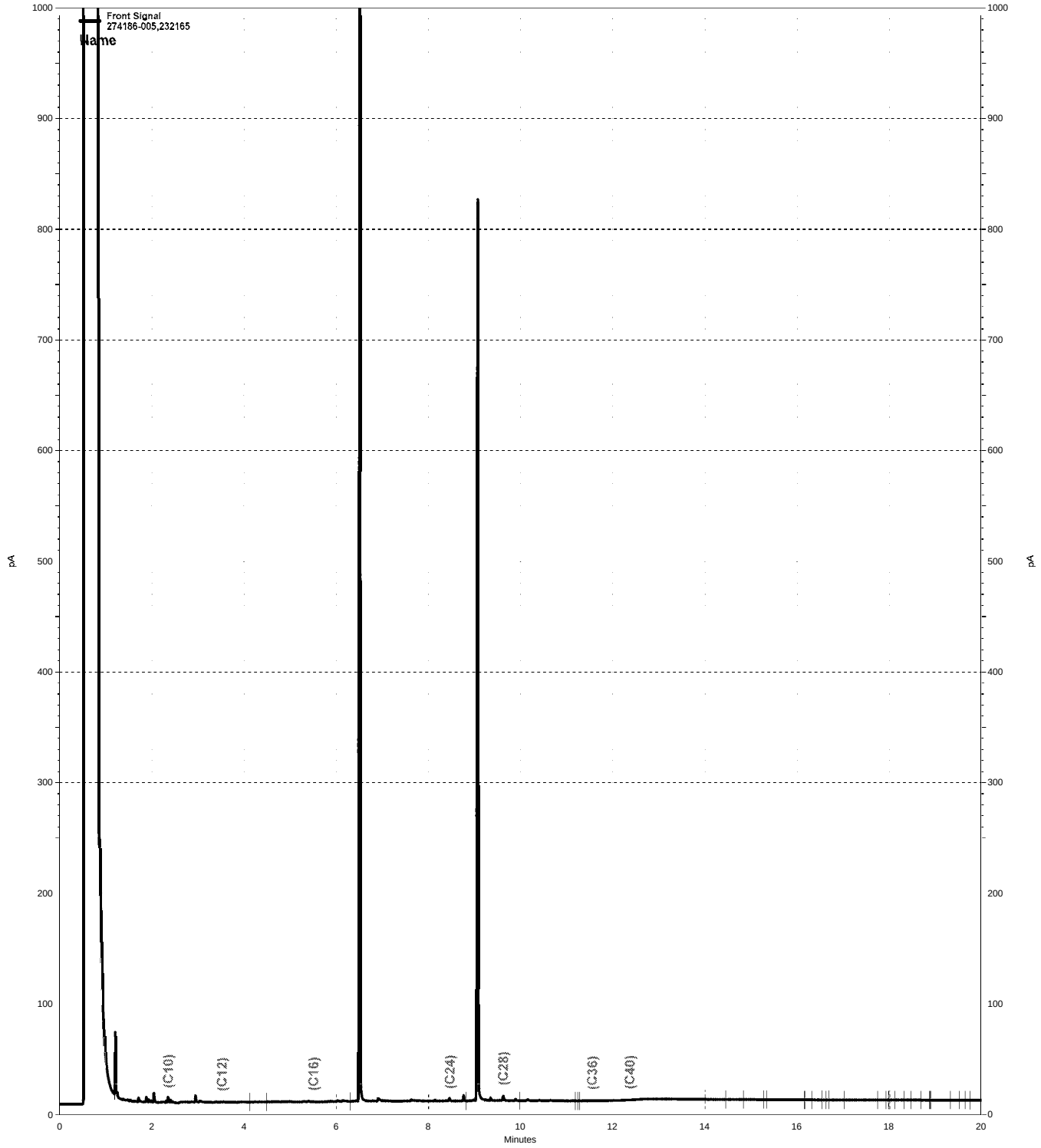

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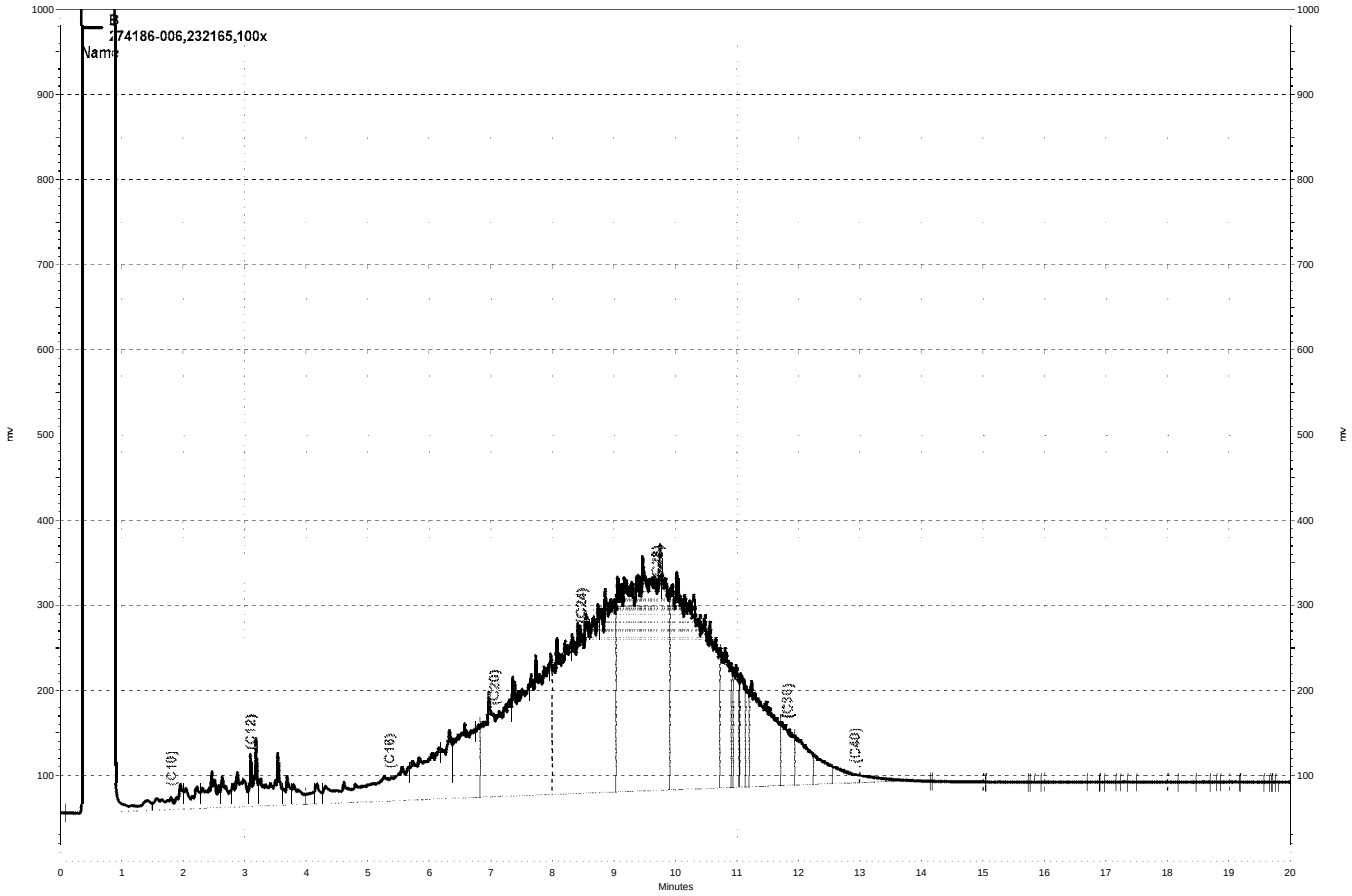

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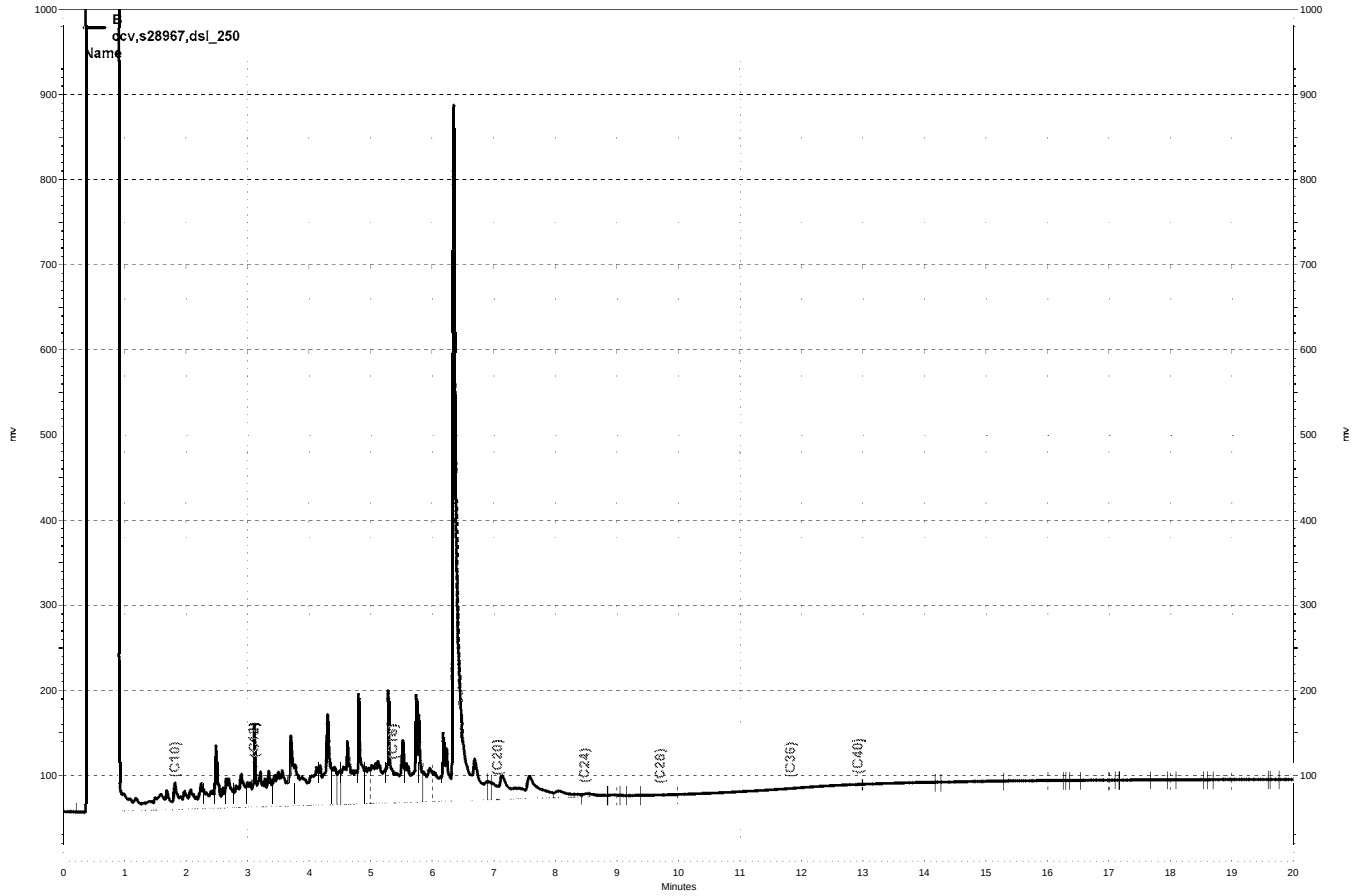

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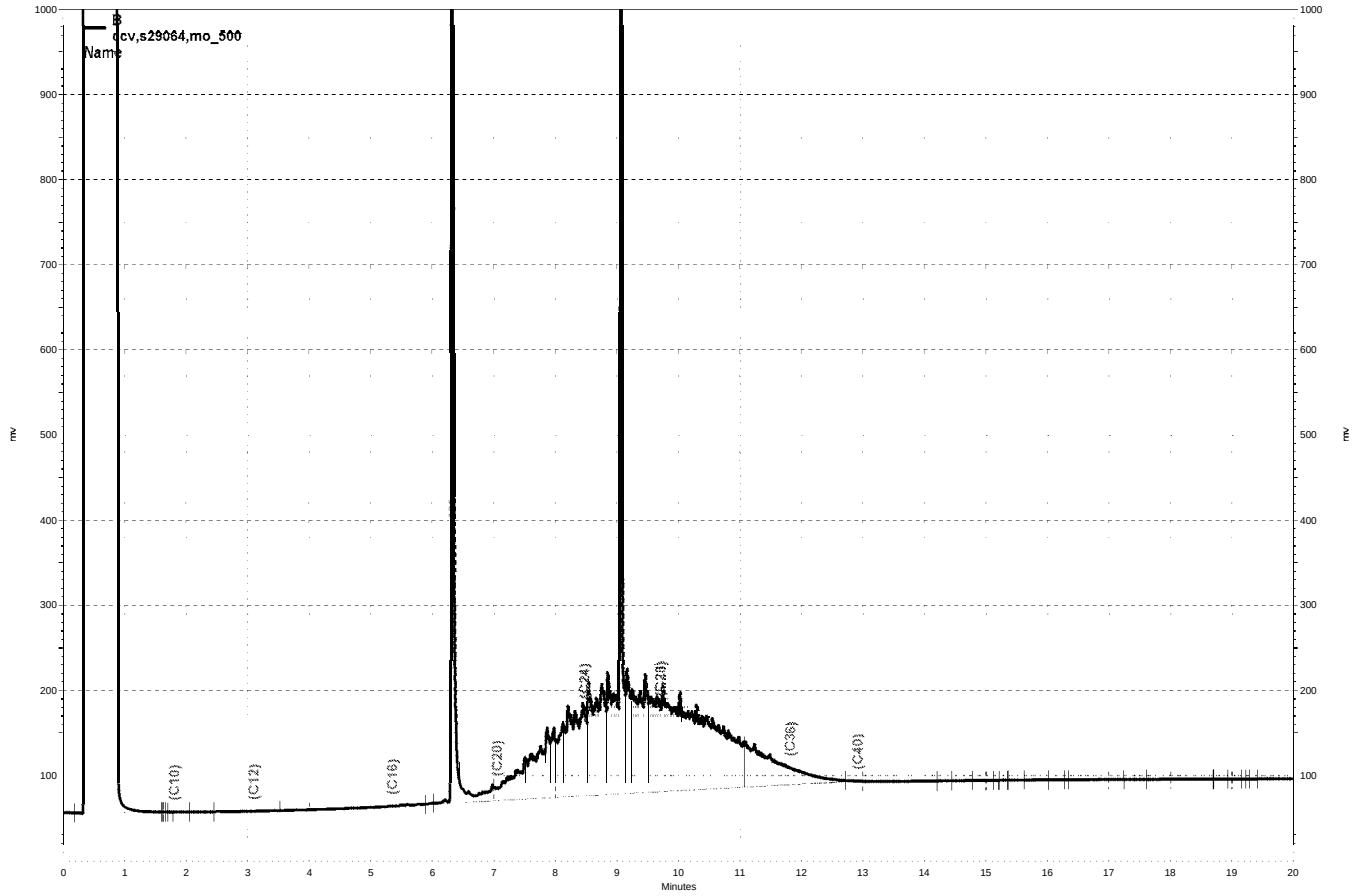

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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received	Prepared:	02/18/16
Batch#:	232220		

Field ID: SB-5 @ 10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/23/16
Lab ID: 274186-009

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	112	59-140

Field ID: SB-6 @ 6' | Diln Fac: 100.0
Type: SAMPLE | Analyzed: 02/22/16
Lab ID: 274186-010

Analyte	Result	RL
Diesel C10-C24	4,200 Y	100
Motor Oil C24-C36	10,000	500

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: SB-6 @ 10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/23/16
Lab ID: 274186-011

Analyte	Result	RL
Diesel C10-C24	6.7 Y	1.0
Motor Oil C24-C36	16	5.0

Surrogate	%REC	Limits
o-Terphenyl	105	59-140

Field ID: SB-7 @ 5' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/19/16
Lab ID: 274186-012

Analyte	Result	RL
Diesel C10-C24	1.1 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	140	59-140

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received	Prepared:	02/18/16
Batch#:	232220		

Field ID: SB-7 @ 10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/19/16
Lab ID: 274186-013

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	59-140

Field ID: SB-8 @ 5' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/23/16
Lab ID: 274186-014

Analyte	Result	RL
Diesel C10-C24	1.5 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	106	59-140

Field ID: SB-8 @ 10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/19/16
Lab ID: 274186-015

Analyte	Result	RL
Diesel C10-C24	1.6 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	129	59-140

Field ID: SB-1 @ 9' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/19/16
Lab ID: 274186-018

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	144 *	59-140

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/12/16
Units:	mg/Kg	Received:	02/12/16
Basis:	as received	Prepared:	02/18/16
Batch#:	232220		

Field ID: SB-2 @ 9' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/19/16
Lab ID: 274186-020

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	140	59-140

Field ID: SB-3 @ 9' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/19/16
Lab ID: 274186-022

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	145 *	59-140

Field ID: SB-4 @ 10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 02/24/16
Lab ID: 274186-024

Analyte	Result	RL
Diesel C10-C24	2.8 Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	107	59-140

Type: BLANK | Diln Fac: 1.000
Lab ID: QC823908 | Analyzed: 02/18/16

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	90	59-140

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC823909	Batch#:	232220
Matrix:	Soil	Prepared:	02/18/16
Units:	mg/Kg	Analyzed:	02/18/16

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.49	45.49	90	58-137

Surrogate	%REC	Limits
o-Terphenyl	97	59-140

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	SB-7 @ 10'	Batch#:	232220
MSS Lab ID:	274186-013	Sampled:	02/12/16
Matrix:	Soil	Received:	02/12/16
Units:	mg/Kg	Prepared:	02/18/16
Basis:	as received	Analyzed:	02/19/16
Diln Fac:	1.000		

Type: MS Lab ID: QC823910

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<0.3060	49.88	47.68	96	46-154

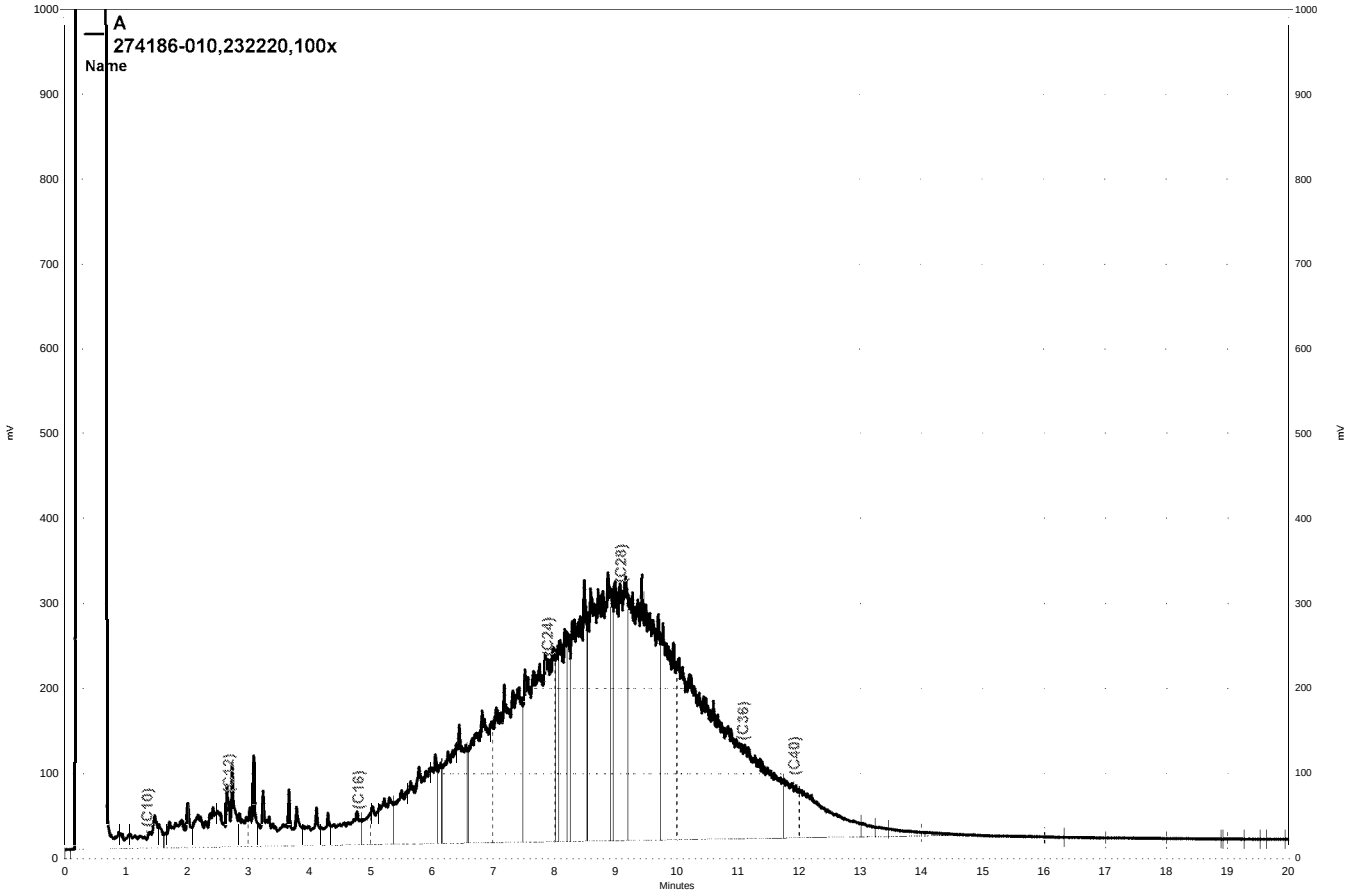
Surrogate	%REC	Limits
o-Terphenyl	89	59-140

Type: MSD Lab ID: QC823911

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.97	40.12	80	46-154	17	50

Surrogate	%REC	Limits
o-Terphenyl	84	59-140

RPD= Relative Percent Difference



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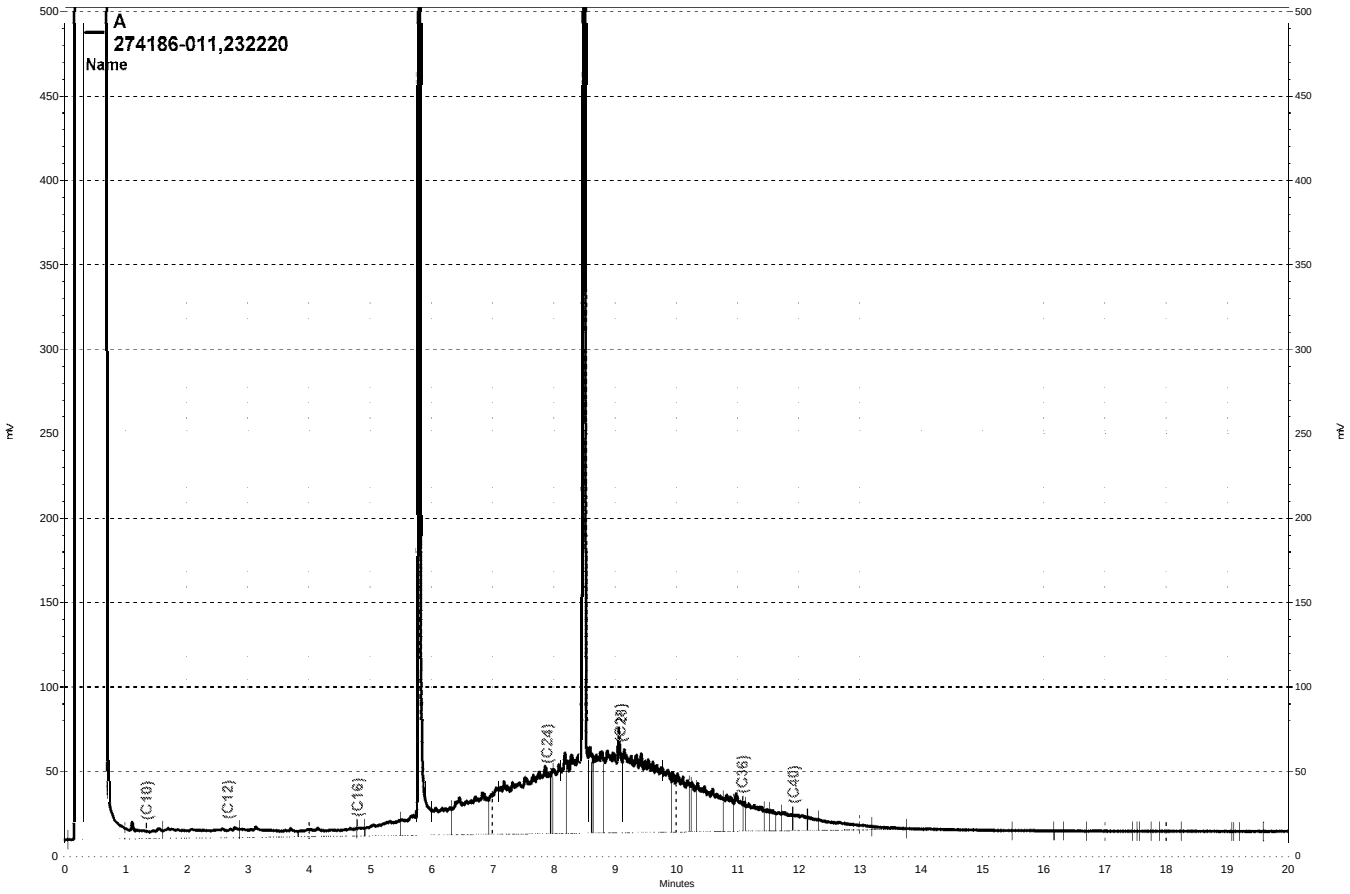

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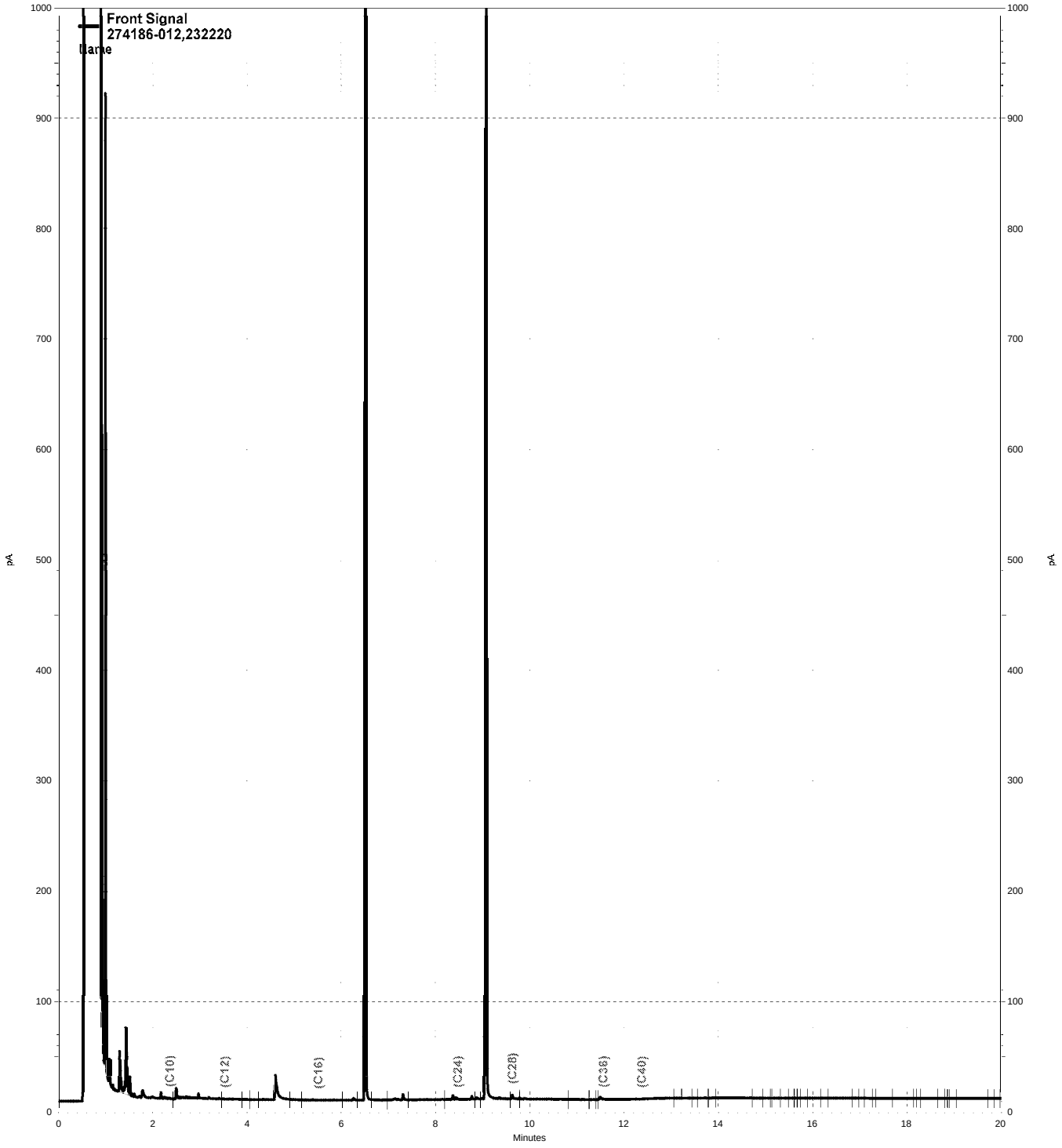

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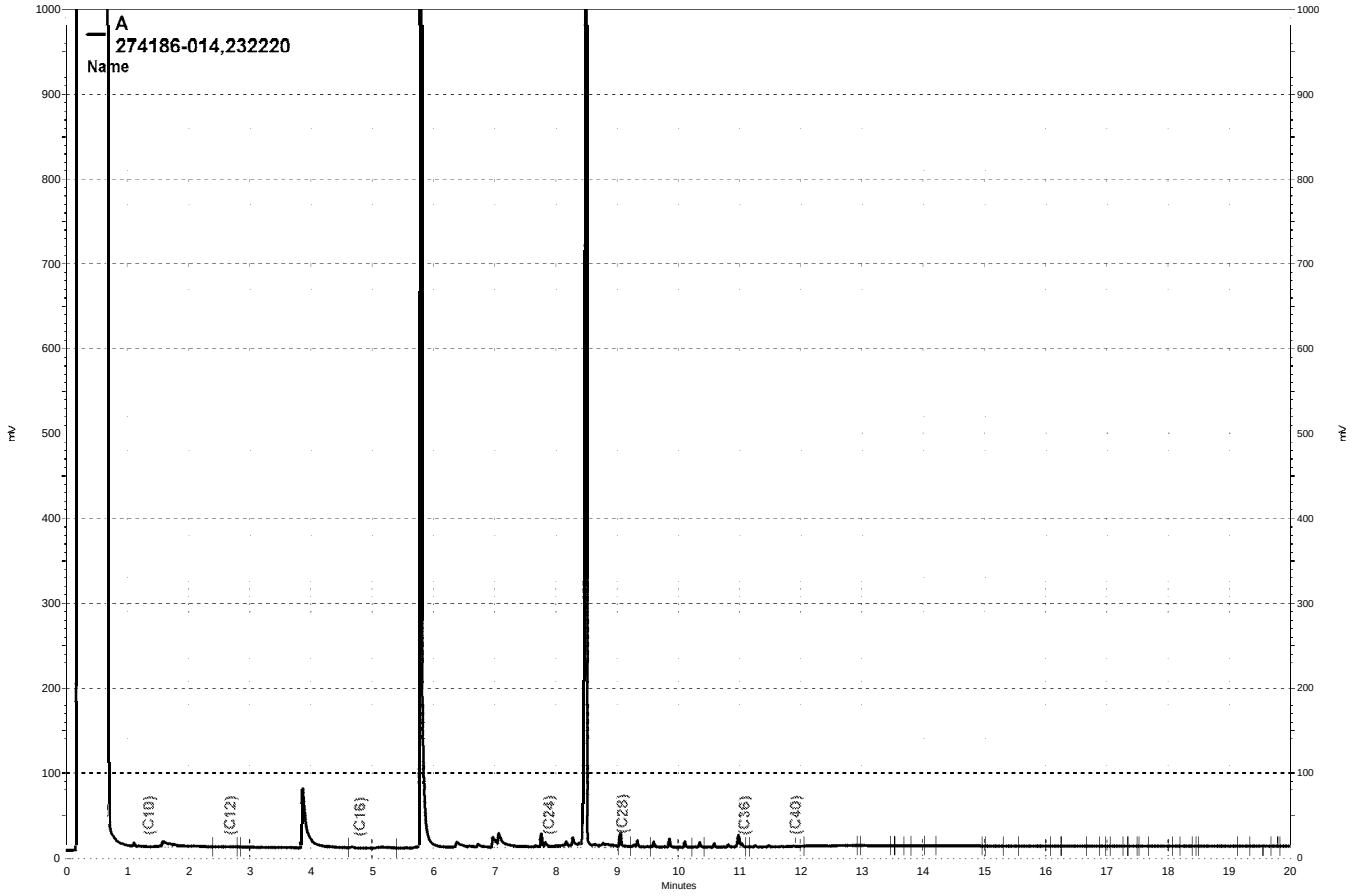

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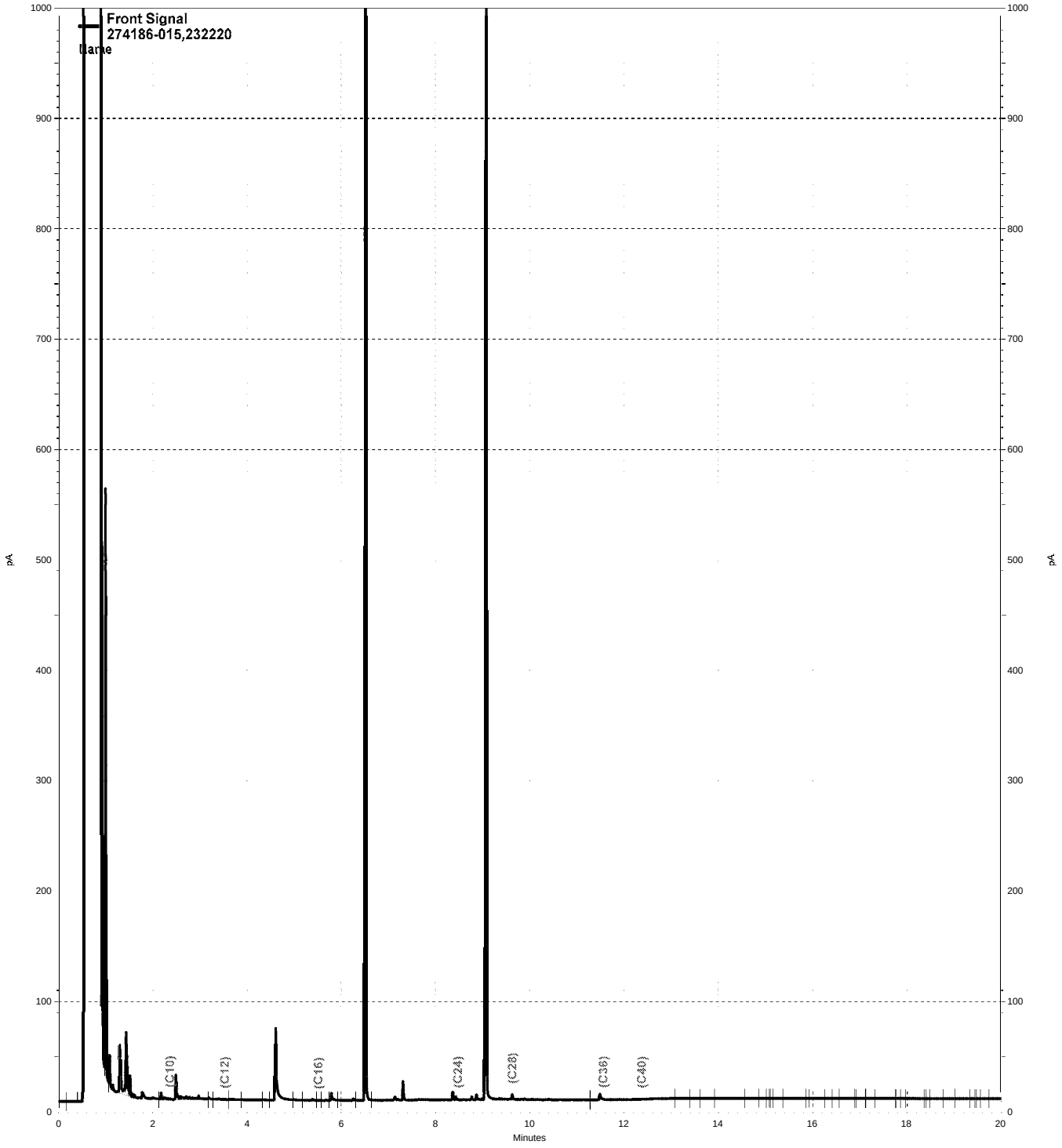

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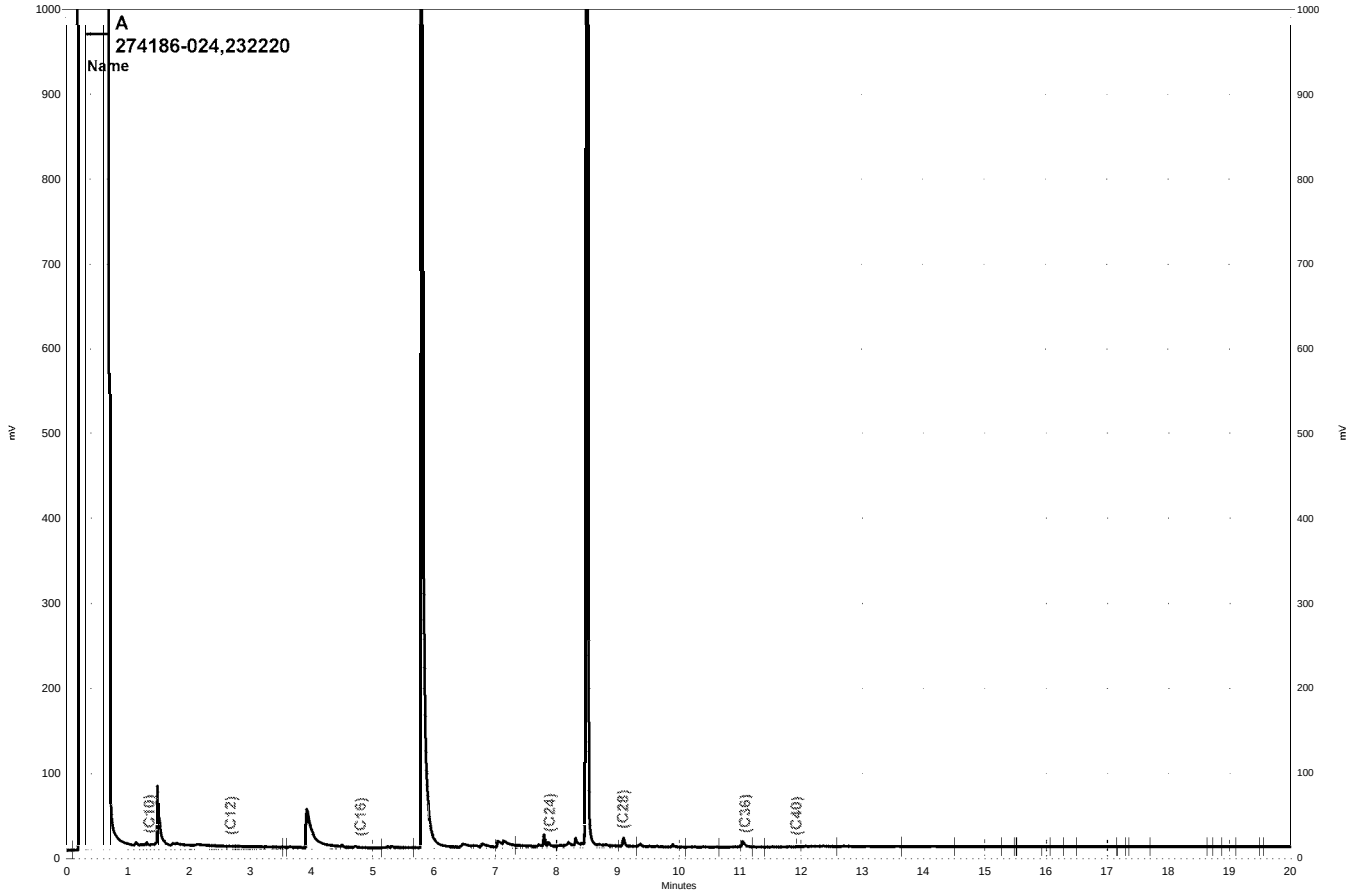

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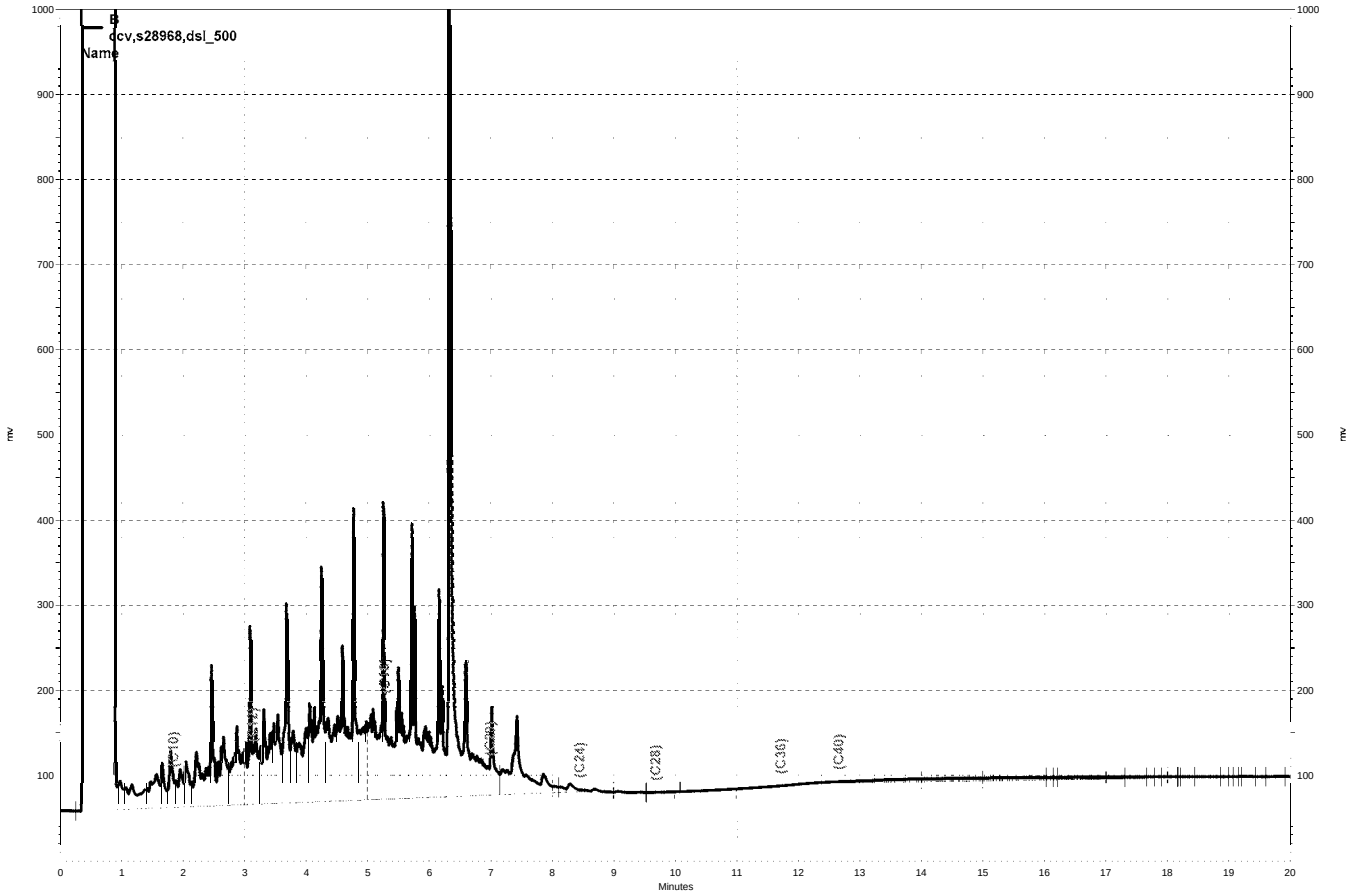

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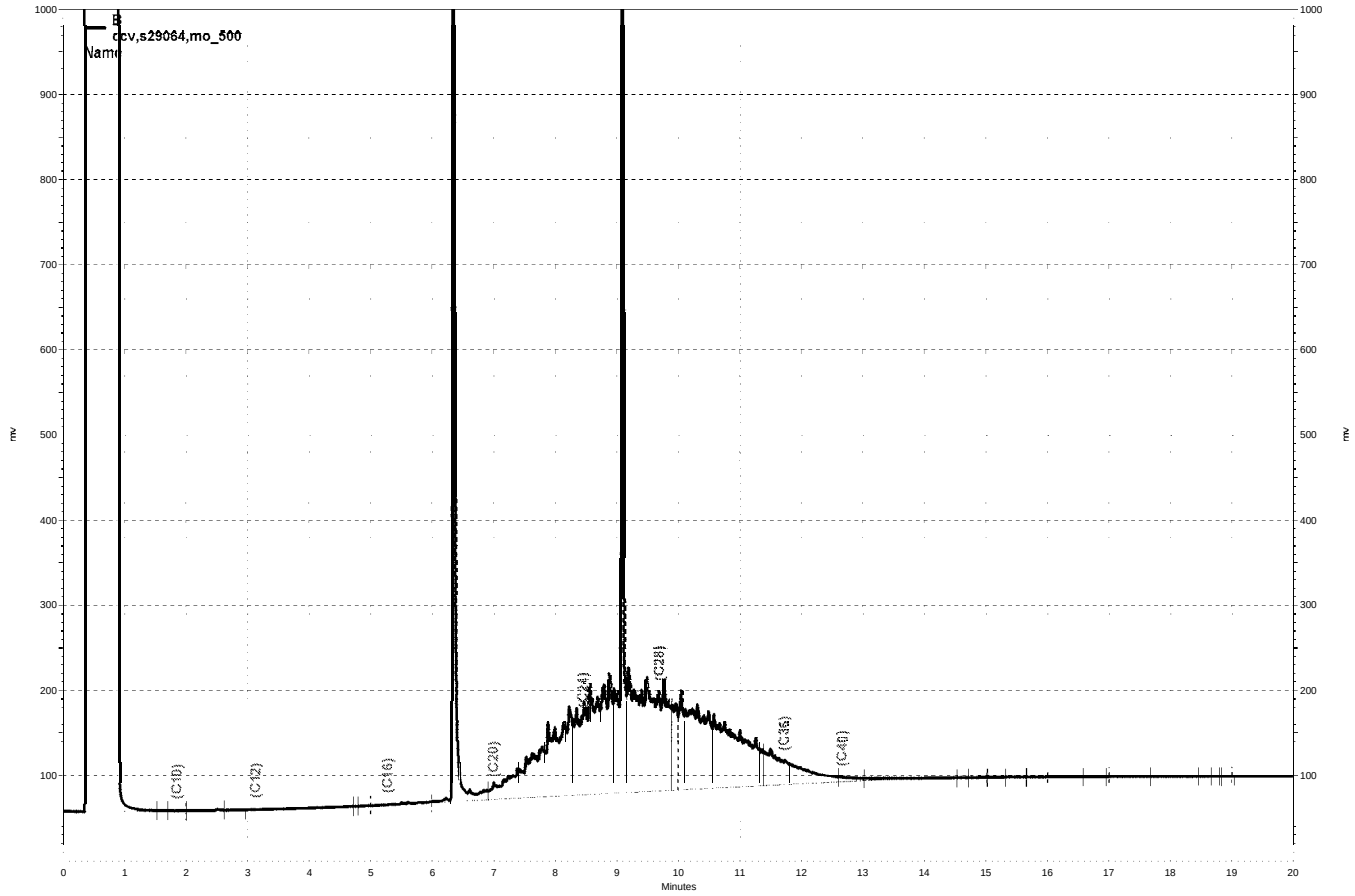

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Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-1	Batch#:	232260
Lab ID:	274186-001	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-1	Batch#:	232260
Lab ID:	274186-001	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-128
1,2-Dichloroethane-d4	98	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-2	Batch#:	232260
Lab ID:	274186-002	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-2	Batch#:	232260
Lab ID:	274186-002	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-3	Batch#:	232260
Lab ID:	274186-003	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-3	Batch#:	232260
Lab ID:	274186-003	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	92	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4	Batch#:	232260
Lab ID:	274186-004	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4	Batch#:	232260
Lab ID:	274186-004	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5	Batch#:	232272
Lab ID:	274186-005	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5	Batch#:	232272
Lab ID:	274186-005	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	98	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6	Batch#:	232272
Lab ID:	274186-006	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6	Batch#:	232272
Lab ID:	274186-006	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	6.7	0.5
sec-Butylbenzene	1.6	0.5
para-Isopropyl Toluene	0.9	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	1.7	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	9.7	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-7	Batch#:	232307
Lab ID:	274186-007	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-7	Batch#:	232307
Lab ID:	274186-007	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	98	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-8	Batch#:	232307
Lab ID:	274186-008	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-8	Batch#:	232307
Lab ID:	274186-008	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC824076	Batch#:	232260
Matrix:	Water	Analyzed:	02/19/16
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	62.50	39.62 b	63	32-155
Isopropyl Ether (DIPE)	12.50	12.28	98	57-128
Ethyl tert-Butyl Ether (ETBE)	12.50	11.49	92	62-120
Methyl tert-Amyl Ether (TAME)	12.50	10.69	86	69-120
1,1-Dichloroethene	12.50	13.91	111	66-135
Benzene	12.50	12.34	99	80-123
Trichloroethene	12.50	12.39	99	80-123
Toluene	12.50	11.93	95	80-121
Chlorobenzene	12.50	12.11	97	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-120

b= See narrative

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC824078	Batch#:	232260
Matrix:	Water	Analyzed:	02/19/16
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC824078	Batch#:	232260
Matrix:	Water	Analyzed:	02/19/16
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	232272
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Type: BS Lab ID: QC824124

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	62.50	46.51	74	32-155
Isopropyl Ether (DIPE)	12.50	11.40	91	57-128
Ethyl tert-Butyl Ether (ETBE)	12.50	11.32	91	62-120
Methyl tert-Amyl Ether (TAME)	12.50	11.03	88	69-120
1,1-Dichloroethene	12.50	10.33	83	66-135
Benzene	12.50	11.47	92	80-123
Trichloroethene	12.50	10.92	87	80-123
Toluene	12.50	11.13	89	80-121
Chlorobenzene	12.50	11.94	96	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	99	80-120

Type: BSD Lab ID: QC824125

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	62.50	51.88	83	32-155	11	33
Isopropyl Ether (DIPE)	12.50	11.39	91	57-128	0	20
Ethyl tert-Butyl Ether (ETBE)	12.50	11.47	92	62-120	1	20
Methyl tert-Amyl Ether (TAME)	12.50	11.15	89	69-120	1	20
1,1-Dichloroethene	12.50	10.34	83	66-135	0	24
Benzene	12.50	11.47	92	80-123	0	20
Trichloroethene	12.50	10.75	86	80-123	2	20
Toluene	12.50	10.96	88	80-121	2	20
Chlorobenzene	12.50	11.76	94	80-123	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-128
1,2-Dichloroethane-d4	97	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	99	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC824126	Batch#:	232272
Matrix:	Water	Analyzed:	02/19/16
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC824126	Batch#:	232272
Matrix:	Water	Analyzed:	02/19/16
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	232260
MSS Lab ID:	274099-001	Sampled:	02/10/16
Matrix:	Water	Received:	02/11/16
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	1.000		

Type: MS Lab ID: QC824132

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.701	125.0	108.6 b	87	49-155
Isopropyl Ether (DIPE)	<0.1000	25.00	26.16	105	65-122
Ethyl tert-Butyl Ether (ETBE)	<0.1000	25.00	25.32	101	69-120
Methyl tert-Amyl Ether (TAME)	<0.1000	25.00	23.39	94	74-120
1,1-Dichloroethene	<0.1268	25.00	21.29	85	73-129
Benzene	<0.1000	25.00	20.81	83	80-120
Trichloroethene	<0.1000	25.00	20.07	80	73-123
Toluene	<0.1000	25.00	19.55	78 *	80-120
Chlorobenzene	<0.1000	25.00	20.49	82	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-128
1,2-Dichloroethane-d4	100	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	100	80-120

Type: MSD Lab ID: QC824133

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	88.91	71	49-155	20	33
Isopropyl Ether (DIPE)	25.00	26.71	107	65-122	2	22
Ethyl tert-Butyl Ether (ETBE)	25.00	25.58	102	69-120	1	20
Methyl tert-Amyl Ether (TAME)	25.00	23.44	94	74-120	0	20
1,1-Dichloroethene	25.00	27.50	110	73-129	25	25
Benzene	25.00	24.46	98	80-120	16	20
Trichloroethene	25.00	24.78	99	73-123	21 *	20
Toluene	25.00	23.19	93	80-120	17	21
Chlorobenzene	25.00	23.85	95	80-120	15	24

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-120

*= Value outside of QC limits; see narrative
b= See narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	232272
MSS Lab ID:	274118-004	Sampled:	02/10/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	14.29		

Type: MS Lab ID: QC824138

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<30.01	892.9	770.6	86	49-155
Isopropyl Ether (DIPE)	<1.500	178.6	167.0	93	65-122
Ethyl tert-Butyl Ether (ETBE)	<1.429	178.6	167.7	94	69-120
Methyl tert-Amyl Ether (TAME)	<1.429	178.6	163.9	92	74-120
1,1-Dichloroethene	5.047	178.6	159.3	86	73-129
Benzene	<1.429	178.6	170.4	95	80-120
Trichloroethene	951.8	178.6	1,083	74 NM	73-123
Toluene	<1.429	178.6	167.4	94	80-120
Chlorobenzene	<1.429	178.6	180.9	101	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	98	80-120

Type: MSD Lab ID: QC824139

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	892.9	759.4	85	49-155	1	33
Isopropyl Ether (DIPE)	178.6	159.1	89	65-122	5	22
Ethyl tert-Butyl Ether (ETBE)	178.6	157.8	88	69-120	6	20
Methyl tert-Amyl Ether (TAME)	178.6	157.3	88	74-120	4	20
1,1-Dichloroethene	178.6	141.1	76	73-129	12	25
Benzene	178.6	157.4	88	80-120	8	20
Trichloroethene	178.6	1,037	48 NM	73-123	4	20
Toluene	178.6	149.9	84	80-120	11	21
Chlorobenzene	178.6	163.2	91	80-120	10	24

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-128
1,2-Dichloroethane-d4	97	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	98	80-120

NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	232307
Units:	ug/L	Analyzed:	02/20/16
Diln Fac:	1.000		

Type: BS Lab ID: QC824248

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	62.50	45.80	73	32-155
Isopropyl Ether (DIPE)	12.50	11.55	92	57-128
Ethyl tert-Butyl Ether (ETBE)	12.50	11.43	91	62-120
Methyl tert-Amyl Ether (TAME)	12.50	11.10	89	69-120
1,1-Dichloroethene	12.50	11.47	92	66-135
Benzene	12.50	11.97	96	80-123
Trichloroethene	12.50	11.66	93	80-123
Toluene	12.50	11.49	92	80-121
Chlorobenzene	12.50	12.33	99	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-128
1,2-Dichloroethane-d4	97	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-120

Type: BSD Lab ID: QC824249

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	62.50	42.14	67	32-155	8	33
Isopropyl Ether (DIPE)	12.50	10.35	83	57-128	11	20
Ethyl tert-Butyl Ether (ETBE)	12.50	10.24	82	62-120	11	20
Methyl tert-Amyl Ether (TAME)	12.50	10.11	81	69-120	9	20
1,1-Dichloroethene	12.50	10.86	87	66-135	5	24
Benzene	12.50	11.33	91	80-123	6	20
Trichloroethene	12.50	11.31	90	80-123	3	20
Toluene	12.50	11.15	89	80-121	3	20
Chlorobenzene	12.50	11.88	95	80-123	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	96	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC824250	Batch#:	232307
Matrix:	Water	Analyzed:	02/20/16
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC824250	Batch#:	232307
Matrix:	Water	Analyzed:	02/20/16
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	98	80-120
Bromofluorobenzene	98	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5 @ 10'	Dil'n Fac:	0.9009
Lab ID:	274186-009	Batch#:	232103
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.0
tert-Butyl Alcohol (TBA)	ND	90
Chloromethane	ND	9.0
Isopropyl Ether (DIPE)	ND	4.5
Vinyl Chloride	ND	9.0
Bromomethane	ND	9.0
Ethyl tert-Butyl Ether (ETBE)	ND	4.5
Chloroethane	ND	9.0
Methyl tert-Amyl Ether (TAME)	ND	4.5
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.0
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.0
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.0
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-5 @ 10'	Dil'n Fac:	0.9009
Lab ID:	274186-009	Batch#:	232103
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	94	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6 @ 6'	Basis:	as received
Lab ID:	274186-010	Sampled:	02/12/16
Matrix:	Soil	Received:	02/12/16
Units:	ug/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	9.3	0.9259	232113	02/16/16
tert-Butyl Alcohol (TBA)	ND	93	0.9259	232113	02/16/16
Chloromethane	ND	9.3	0.9259	232113	02/16/16
Isopropyl Ether (DIPE)	ND	4.6	0.9259	232113	02/16/16
Vinyl Chloride	ND	9.3	0.9259	232113	02/16/16
Bromomethane	ND	9.3	0.9259	232113	02/16/16
Ethyl tert-Butyl Ether (ETBE)	ND	4.6	0.9259	232113	02/16/16
Chloroethane	ND	9.3	0.9259	232113	02/16/16
Methyl tert-Amyl Ether (TAME)	ND	4.6	0.9259	232113	02/16/16
Trichlorofluoromethane	ND	4.6	0.9259	232113	02/16/16
Acetone	30	19	0.9259	232113	02/16/16
Freon 113	ND	4.6	0.9259	232113	02/16/16
1,1-Dichloroethene	ND	4.6	0.9259	232113	02/16/16
Methylene Chloride	ND	19	0.9259	232113	02/16/16
Carbon Disulfide	ND	4.6	0.9259	232113	02/16/16
MTBE	ND	4.6	0.9259	232113	02/16/16
trans-1,2-Dichloroethene	ND	4.6	0.9259	232113	02/16/16
Vinyl Acetate	ND	46	0.9259	232113	02/16/16
1,1-Dichloroethane	ND	4.6	0.9259	232113	02/16/16
2-Butanone	ND	9.3	0.9259	232113	02/16/16
cis-1,2-Dichloroethene	ND	4.6	0.9259	232113	02/16/16
2,2-Dichloropropane	ND	4.6	0.9259	232113	02/16/16
Chloroform	ND	4.6	0.9259	232113	02/16/16
Bromochloromethane	ND	4.6	0.9259	232113	02/16/16
1,1,1-Trichloroethane	ND	4.6	0.9259	232113	02/16/16
1,1-Dichloropropene	ND	4.6	0.9259	232113	02/16/16
Carbon Tetrachloride	ND	4.6	0.9259	232113	02/16/16
1,2-Dichloroethane	ND	4.6	0.9259	232113	02/16/16
Benzene	ND	4.6	0.9259	232113	02/16/16
Trichloroethene	ND	4.6	0.9259	232113	02/16/16
1,2-Dichloropropane	ND	4.6	0.9259	232113	02/16/16
Bromodichloromethane	ND	4.6	0.9259	232113	02/16/16
Dibromomethane	ND	4.6	0.9259	232113	02/16/16
4-Methyl-2-Pentanone	ND	9.3	0.9259	232113	02/16/16
cis-1,3-Dichloropropene	ND	4.6	0.9259	232113	02/16/16
Toluene	ND	4.6	0.9259	232113	02/16/16
trans-1,3-Dichloropropene	ND	4.6	0.9259	232113	02/16/16
1,1,2-Trichloroethane	ND	4.6	0.9259	232113	02/16/16
2-Hexanone	ND	9.3	0.9259	232113	02/16/16
1,3-Dichloropropane	ND	4.6	0.9259	232113	02/16/16
Tetrachloroethene	ND	4.6	0.9259	232113	02/16/16
Dibromochloromethane	ND	4.6	0.9259	232113	02/16/16
1,2-Dibromoethane	ND	4.6	0.9259	232113	02/16/16
Chlorobenzene	ND	4.6	0.9259	232113	02/16/16
1,1,1,2-Tetrachloroethane	ND	4.6	0.9259	232113	02/16/16
Ethylbenzene	ND	4.6	0.9259	232113	02/16/16
m,p-Xylenes	ND	4.6	0.9259	232113	02/16/16
o-Xylene	ND	4.6	0.9259	232113	02/16/16
Styrene	ND	4.6	0.9259	232113	02/16/16
Bromoform	ND	4.6	0.9259	232113	02/16/16
Isopropylbenzene	ND	250	50.00	232159	02/17/16
1,1,2,2-Tetrachloroethane	ND	250	50.00	232159	02/17/16
1,2,3-Trichloropropane	ND	250	50.00	232159	02/17/16
Propylbenzene	ND	250	50.00	232159	02/17/16

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6 @ 6'	Basis:	as received
Lab ID:	274186-010	Sampled:	02/12/16
Matrix:	Soil	Received:	02/12/16
Units:	ug/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Bromobenzene	ND	250	50.00	232159	02/17/16
1,3,5-Trimethylbenzene	ND	250	50.00	232159	02/17/16
2-Chlorotoluene	ND	250	50.00	232159	02/17/16
4-Chlorotoluene	ND	250	50.00	232159	02/17/16
tert-Butylbenzene	ND	250	50.00	232159	02/17/16
1,2,4-Trimethylbenzene	1,200	250	50.00	232159	02/17/16
sec-Butylbenzene	690	250	50.00	232159	02/17/16
para-Isopropyl Toluene	390	250	50.00	232159	02/17/16
1,3-Dichlorobenzene	ND	250	50.00	232159	02/17/16
1,4-Dichlorobenzene	ND	250	50.00	232159	02/17/16
n-Butylbenzene	820	250	50.00	232159	02/17/16
1,2-Dichlorobenzene	ND	250	50.00	232159	02/17/16
1,2-Dibromo-3-Chloropropane	ND	250	50.00	232159	02/17/16
1,2,4-Trichlorobenzene	ND	250	50.00	232159	02/17/16
Hexachlorobutadiene	ND	250	50.00	232159	02/17/16
Naphthalene	2,100	250	50.00	232159	02/17/16
1,2,3-Trichlorobenzene	ND	250	50.00	232159	02/17/16

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	103	78-134	0.9259	232113	02/16/16
1,2-Dichloroethane-d4	98	80-138	0.9259	232113	02/16/16
Toluene-d8	86	80-120	0.9259	232113	02/16/16
Bromofluorobenzene	130 *	78-123	50.00	232159	02/17/16
Trifluorotoluene (MeOH)	111	52-147	50.00	232159	02/17/16

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6 @ 10'	Dil'n Fac:	0.9728
Lab ID:	274186-011	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.9
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.9
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	19
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6 @ 10'	Dil'n Fac:	0.9728
Lab ID:	274186-011	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	92	78-134
1,2-Dichloroethane-d4	93	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	102	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-7 @ 5'	Dil'n Fac:	0.9597
Lab ID:	274186-012	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.6
tert-Butyl Alcohol (TBA)	ND	96
Chloromethane	ND	9.6
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.6
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-7 @ 5'	Dil'n Fac:	0.9597
Lab ID:	274186-012	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	105	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-7 @ 10'	Dil'n Fac:	0.9328
Lab ID:	274186-013	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.3
tert-Butyl Alcohol (TBA)	ND	93
Chloromethane	ND	9.3
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.3
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-7 @ 10'	Dil'n Fac:	0.9328
Lab ID:	274186-013	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	104	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-8 @ 5'	Dil'n Fac:	0.9488
Lab ID:	274186-014	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-8 @ 5'	Dil'n Fac:	0.9488
Lab ID:	274186-014	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	99	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-8 @ 10'	Dil'n Fac:	0.8977
Lab ID:	274186-015	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.0
tert-Butyl Alcohol (TBA)	ND	90
Chloromethane	ND	9.0
Isopropyl Ether (DIPE)	ND	4.5
Vinyl Chloride	ND	9.0
Bromomethane	ND	9.0
Ethyl tert-Butyl Ether (ETBE)	ND	4.5
Chloroethane	ND	9.0
Methyl tert-Amyl Ether (TAME)	ND	4.5
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.0
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.0
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.0
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-8 @ 10'	Dil'n Fac:	0.8977
Lab ID:	274186-015	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	99	80-120
Bromofluorobenzene	103	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-1 @ 9'	Dil'n Fac:	0.9690
Lab ID:	274186-018	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.7
tert-Butyl Alcohol (TBA)	ND	97
Chloromethane	ND	9.7
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.7
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-1 @ 9'	Dil'n Fac:	0.9690
Lab ID:	274186-018	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	99	80-120
Bromofluorobenzene	107	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-2 @ 9'	Dil'n Fac:	0.9311
Lab ID:	274186-020	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.3
tert-Butyl Alcohol (TBA)	ND	93
Chloromethane	ND	9.3
Isopropyl Ether (DIPE)	ND	4.7
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Ethyl tert-Butyl Ether (ETBE)	ND	4.7
Chloroethane	ND	9.3
Methyl tert-Amyl Ether (TAME)	ND	4.7
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-2 @ 9'	Dil'n Fac:	0.9311
Lab ID:	274186-020	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	96	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-3 @ 9'	Diln Fac:	0.9294
Lab ID:	274186-022	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.3
tert-Butyl Alcohol (TBA)	ND	93
Chloromethane	ND	9.3
Isopropyl Ether (DIPE)	ND	4.6
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Ethyl tert-Butyl Ether (ETBE)	ND	4.6
Chloroethane	ND	9.3
Methyl tert-Amyl Ether (TAME)	ND	4.6
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-3 @ 9'	Dil'n Fac:	0.9294
Lab ID:	274186-022	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4 @ 10'	Dil'n Fac:	0.9524
Lab ID:	274186-024	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Freon 12	ND	9.5
tert-Butyl Alcohol (TBA)	ND	95
Chloromethane	ND	9.5
Isopropyl Ether (DIPE)	ND	4.8
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
Chloroethane	ND	9.5
Methyl tert-Amyl Ether (TAME)	ND	4.8
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-4 @ 10'	Dil'n Fac:	0.9524
Lab ID:	274186-024	Batch#:	232113
Matrix:	Soil	Sampled:	02/12/16
Units:	ug/Kg	Received:	02/12/16
Basis:	as received	Analyzed:	02/16/16

Analyte	Result	RL
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	99	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC823428	Batch#:	232103
Matrix:	Soil	Analyzed:	02/16/16
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	123.8	99	49-131
Isopropyl Ether (DIPE)	25.00	23.23	93	54-129
Ethyl tert-Butyl Ether (ETBE)	25.00	23.12	92	60-120
Methyl tert-Amyl Ether (TAME)	25.00	22.72	91	70-120
1,1-Dichloroethene	25.00	22.97	92	70-134
Benzene	25.00	22.89	92	80-123
Trichloroethene	25.00	22.86	91	80-128
Toluene	25.00	23.06	92	80-120
Chlorobenzene	25.00	24.00	96	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	98	80-120
Bromofluorobenzene	96	78-123

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC823429	Batch#:	232103
Matrix:	Soil	Analyzed:	02/16/16
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC823429	Batch#:	232103
Matrix:	Soil	Analyzed:	02/16/16
Units:	ug/Kg		

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	97	80-120
Bromofluorobenzene	97	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC823463	Batch#:	232113
Matrix:	Soil	Analyzed:	02/16/16
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	106.9	86	49-131
Isopropyl Ether (DIPE)	25.00	24.70	99	54-129
Ethyl tert-Butyl Ether (ETBE)	25.00	23.74	95	60-120
Methyl tert-Amyl Ether (TAME)	25.00	24.12	96	70-120
1,1-Dichloroethene	25.00	29.97	120	70-134
Benzene	25.00	25.63	103	80-123
Trichloroethene	25.00	27.30	109	80-128
Toluene	25.00	25.86	103	80-120
Chlorobenzene	25.00	27.21	109	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-134
1,2-Dichloroethane-d4	92	80-138
Toluene-d8	97	80-120
Bromofluorobenzene	97	78-123

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC823464	Batch#:	232113
Matrix:	Soil	Analyzed:	02/16/16
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC823464	Batch#:	232113
Matrix:	Soil	Analyzed:	02/16/16
Units:	ug/Kg		

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	232103
MSS Lab ID:	274182-001	Sampled:	02/04/16
Matrix:	Soil	Received:	02/12/16
Units:	ug/Kg	Analyzed:	02/16/16
Basis:	as received		

Type: MS
Lab ID: QC823493
Diln Fac: 0.9785

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<4.503	244.6	227.0	93	44-120
Isopropyl Ether (DIPE)	<0.2506	48.92	44.06	90	46-120
Ethyl tert-Butyl Ether (ETBE)	<0.2810	48.92	45.74	93	48-120
Methyl tert-Amyl Ether (TAME)	<0.2245	48.92	42.05	86	52-120
1,1-Dichloroethene	<0.4487	48.92	51.86	106	56-133
Benzene	<0.3863	48.92	47.88	98	57-120
Trichloroethene	<0.3201	48.92	46.86	96	49-145
Toluene	<0.4450	48.92	43.65	89	51-120
Chlorobenzene	<0.4736	48.92	46.91	96	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-134
1,2-Dichloroethane-d4	97	80-138
Toluene-d8	93	80-120
Bromofluorobenzene	98	78-123

Type: MSD
Lab ID: QC823494
Diln Fac: 0.9488

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	237.2	238.6	101	44-120	8	46
Isopropyl Ether (DIPE)	47.44	42.27	89	46-120	1	41
Ethyl tert-Butyl Ether (ETBE)	47.44	43.89	93	48-120	1	40
Methyl tert-Amyl Ether (TAME)	47.44	40.74	86	52-120	0	36
1,1-Dichloroethene	47.44	49.06	103	56-133	2	46
Benzene	47.44	44.23	93	57-120	5	44
Trichloroethene	47.44	43.04	91	49-145	5	46
Toluene	47.44	41.39	87	51-120	2	47
Chlorobenzene	47.44	42.56	90	47-120	7	50

Surrogate	%REC	Limits
Dibromofluoromethane	109	78-134
1,2-Dichloroethane-d4	98	80-138
Toluene-d8	94	80-120
Bromofluorobenzene	99	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SB-6 @ 10'	Batch#:	232113
MSS Lab ID:	274186-011	Sampled:	02/12/16
Matrix:	Soil	Received:	02/12/16
Units:	ug/Kg	Analyzed:	02/16/16
Basis:	as received		

Type: MS Diln Fac: 0.9690
Lab ID: QC823546

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<8.424	242.2	209.8	87	44-120
Isopropyl Ether (DIPE)	<0.5498	48.45	42.81	88	46-120
Ethyl tert-Butyl Ether (ETBE)	<0.5536	48.45	42.00	87	48-120
Methyl tert-Amyl Ether (TAME)	<0.4722	48.45	43.66	90	52-120
1,1-Dichloroethene	<0.5824	48.45	57.96	120	56-133
Benzene	<0.6785	48.45	45.76	94	57-120
Trichloroethene	<0.7067	48.45	50.13	103	49-145
Toluene	<0.7432	48.45	45.11	93	51-120
Chlorobenzene	<0.6093	48.45	46.49	96	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	96	78-123

Type: MSD Diln Fac: 0.9960
Lab ID: QC823547

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	249.0	231.9	93	44-120	7	46
Isopropyl Ether (DIPE)	49.80	48.52	97	46-120	10	41
Ethyl tert-Butyl Ether (ETBE)	49.80	47.13	95	48-120	9	40
Methyl tert-Amyl Ether (TAME)	49.80	49.76	100	52-120	10	36
1,1-Dichloroethene	49.80	63.78	128	56-133	7	46
Benzene	49.80	50.68	102	57-120	7	44
Trichloroethene	49.80	55.36	111	49-145	7	46
Toluene	49.80	49.71	100	51-120	7	47
Chlorobenzene	49.80	52.76	106	47-120	10	50

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-134
1,2-Dichloroethane-d4	95	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	95	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	232159
Units:	ug/Kg	Analyzed:	02/17/16
Diln Fac:	1.000		

Type: BS Lab ID: QC823666

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	100.3	80	49-131
Isopropyl Ether (DIPE)	25.00	21.45	86	54-129
Ethyl tert-Butyl Ether (ETBE)	25.00	22.17	89	60-120
Methyl tert-Amyl Ether (TAME)	25.00	20.41	82	70-120
1,1-Dichloroethene	25.00	26.69	107	70-134
Benzene	25.00	23.28	93	80-123
Trichloroethene	25.00	23.83	95	80-128
Toluene	25.00	24.00	96	80-120
Chlorobenzene	25.00	24.09	96	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	112	78-134
1,2-Dichloroethane-d4	90	80-138
Toluene-d8	106	80-120
Bromofluorobenzene	99	78-123

Type: BSD Lab ID: QC823667

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	128.8	103	49-131	25	40
Isopropyl Ether (DIPE)	25.00	24.66	99	54-129	14	24
Ethyl tert-Butyl Ether (ETBE)	25.00	25.43	102	60-120	14	24
Methyl tert-Amyl Ether (TAME)	25.00	23.58	94	70-120	14	22
1,1-Dichloroethene	25.00	28.47	114	70-134	6	22
Benzene	25.00	25.46	102	80-123	9	21
Trichloroethene	25.00	25.29	101	80-128	6	23
Toluene	25.00	27.22	109	80-120	13	20
Chlorobenzene	25.00	25.98	104	80-123	8	20

Surrogate	%REC	Limits
Dibromofluoromethane	109	78-134
1,2-Dichloroethane-d4	88	80-138
Toluene-d8	108	80-120
Bromofluorobenzene	97	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC823668	Batch#:	232159
Matrix:	Soil	Analyzed:	02/17/16
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC823668	Batch#:	232159
Matrix:	Soil	Analyzed:	02/17/16
Units:	ug/Kg		

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	113	78-134
1,2-Dichloroethane-d4	86	80-138
Toluene-d8	106	80-120
Bromofluorobenzene	107	78-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD		
Field ID:	SB-1	Diln Fac:	1.000
Lab ID:	274186-001	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Analysis
Antimony	210	50	232137	02/16/16	02/21/16	EPA 6010B
Arsenic	96	25	232137	02/16/16	02/21/16	EPA 6010B
Barium	7,500	25	232137	02/16/16	02/21/16	EPA 6010B
Beryllium	26	10	232137	02/16/16	02/21/16	EPA 6010B
Cadmium	57	25	232137	02/16/16	02/21/16	EPA 6010B
Chromium	3,800	25	232137	02/16/16	02/21/16	EPA 6010B
Cobalt	650	25	232137	02/16/16	02/22/16	EPA 6010B
Copper	680	25	232137	02/16/16	02/21/16	EPA 6010B
Lead	280	25	232137	02/16/16	02/21/16	EPA 6010B
Mercury	0.73	0.50	232251	02/19/16	02/19/16	EPA 7470A
Molybdenum	ND	25	232137	02/16/16	02/21/16	EPA 6010B
Nickel	4,400	25	232137	02/16/16	02/21/16	EPA 6010B
Selenium	ND	50	232137	02/16/16	02/21/16	EPA 6010B
Silver	ND	25	232137	02/16/16	02/21/16	EPA 6010B
Thallium	ND	50	232137	02/16/16	02/21/16	EPA 6010B
Vanadium	2,300	25	232137	02/16/16	02/21/16	EPA 6010B
Zinc	2,600	100	232137	02/16/16	02/21/16	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD		
Field ID:	SB-2	Diln Fac:	1.000
Lab ID:	274186-002	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Analysis
Antimony	140	50	232137	02/16/16	02/23/16	EPA 6010B
Arsenic	160	25	232137	02/16/16	02/23/16	EPA 6010B
Barium	5,400	25	232137	02/16/16	02/23/16	EPA 6010B
Beryllium	17	10	232137	02/16/16	02/23/16	EPA 6010B
Cadmium	ND	25	232137	02/16/16	02/23/16	EPA 6010B
Chromium	2,800	25	232137	02/16/16	02/23/16	EPA 6010B
Cobalt	490	25	232137	02/16/16	02/23/16	EPA 6010B
Copper	550	25	232137	02/16/16	02/23/16	EPA 6010B
Lead	360	25	232137	02/16/16	02/23/16	EPA 6010B
Mercury	1.1	0.50	232251	02/19/16	02/19/16	EPA 7470A
Molybdenum	ND	25	232137	02/16/16	02/23/16	EPA 6010B
Nickel	3,100	25	232137	02/16/16	02/23/16	EPA 6010B
Selenium	ND	50	232137	02/16/16	02/22/16	EPA 6010B
Silver	ND	25	232137	02/16/16	02/23/16	EPA 6010B
Thallium	ND	50	232137	02/16/16	02/23/16	EPA 6010B
Vanadium	1,700	25	232137	02/16/16	02/23/16	EPA 6010B
Zinc	1,800	100	232137	02/16/16	02/23/16	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD		
Field ID:	SB-4	Diln Fac:	1.000
Lab ID:	274186-004	Sampled:	02/12/16
Matrix:	Water	Received:	02/12/16
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Analysis
Antimony	95	50	232137	02/16/16	02/23/16	EPA 6010B
Arsenic	88	25	232137	02/16/16	02/23/16	EPA 6010B
Barium	3,400	25	232137	02/16/16	02/23/16	EPA 6010B
Beryllium	ND	10	232137	02/16/16	02/23/16	EPA 6010B
Cadmium	ND	25	232137	02/16/16	02/23/16	EPA 6010B
Chromium	1,900	25	232137	02/16/16	02/23/16	EPA 6010B
Cobalt	310	25	232137	02/16/16	02/23/16	EPA 6010B
Copper	410	25	232137	02/16/16	02/23/16	EPA 6010B
Lead	130	25	232137	02/16/16	02/23/16	EPA 6010B
Mercury	0.51	0.50	232251	02/19/16	02/19/16	EPA 7470A
Molybdenum	70	25	232137	02/16/16	02/23/16	EPA 6010B
Nickel	2,000	25	232137	02/16/16	02/23/16	EPA 6010B
Selenium	ND	50	232137	02/16/16	02/23/16	EPA 6010B
Silver	ND	25	232137	02/16/16	02/23/16	EPA 6010B
Thallium	ND	50	232137	02/16/16	02/23/16	EPA 6010B
Vanadium	1,200	25	232137	02/16/16	02/23/16	EPA 6010B
Zinc	1,200	100	232137	02/16/16	02/23/16	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC823567	Batch#:	232137
Matrix:	Water	Prepared:	02/16/16
Units:	ug/L		

Analyte	Result	RL	Analyzed
Antimony	ND	10	02/21/16
Arsenic	ND	5.0	02/18/16
Barium	ND	5.0	02/18/16
Beryllium	ND	2.0	02/18/16
Cadmium	ND	5.0	02/18/16
Chromium	6.1 b	5.0	02/18/16
Cobalt	ND	5.0	02/18/16
Copper	ND	5.0	02/18/16
Lead	ND	5.0	02/18/16
Molybdenum	ND	5.0	02/21/16
Nickel	ND	5.0	02/18/16
Selenium	ND	10	02/18/16
Silver	ND	5.0	02/18/16
Thallium	ND	10	02/18/16
Vanadium	ND	5.0	02/18/16
Zinc	ND	20	02/18/16

b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Water	Batch#:	232137
Units:	ug/L	Prepared:	02/16/16
Diln Fac:	1.000	Analyzed:	02/17/16

Type: BS Lab ID: QC823568

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	96.99	97	79-120
Arsenic	100.0	96.82	97	80-120
Barium	100.0	102.9	103	80-120
Beryllium	100.0	104.1	104	80-120
Cadmium	100.0	100.9	101	80-120
Chromium	100.0	111.6	112	80-120
Cobalt	100.0	100.1	100	80-120
Copper	100.0	99.45	99	80-120
Lead	100.0	95.92	96	80-120
Molybdenum	100.0	99.81	100	80-120
Nickel	100.0	102.5	103	80-120
Selenium	100.0	98.22	98	80-120
Silver	100.0	99.25	99	77-120
Thallium	50.00	55.18	110	80-121
Vanadium	100.0	103.9	104	80-120
Zinc	100.0	102.9	103	80-120

Type: BSD Lab ID: QC823569

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	97.52	98	79-120	1	20
Arsenic	100.0	96.79	97	80-120	0	20
Barium	100.0	103.1	103	80-120	0	20
Beryllium	100.0	105.2	105	80-120	1	20
Cadmium	100.0	102.2	102	80-120	1	20
Chromium	100.0	112.7	113	80-120	1	20
Cobalt	100.0	101.4	101	80-120	1	20
Copper	100.0	100.3	100	80-120	1	20
Lead	100.0	96.39	96	80-120	0	20
Molybdenum	100.0	100.8	101	80-120	1	20
Nickel	100.0	104.2	104	80-120	2	20
Selenium	100.0	98.16	98	80-120	0	20
Silver	100.0	99.45	99	77-120	0	20
Thallium	50.00	56.78	114	80-121	3	20
Vanadium	100.0	104.3	104	80-120	0	20
Zinc	100.0	104.6	105	80-120	2	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	232137
MSS Lab ID:	274081-003	Sampled:	02/10/16
Matrix:	Water	Received:	02/11/16
Units:	ug/L	Prepared:	02/16/16
Diln Fac:	1.000	Analyzed:	02/17/16

Type: MS Lab ID: QC823570

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<2.000	100.0	98.39	98	74-120
Arsenic	3.362	100.0	103.5	100	80-127
Barium	49.93	100.0	151.6	102	80-120
Beryllium	<0.4000	100.0	106.9	107	80-120
Cadmium	<1.000	100.0	102.1	102	80-120
Chromium	20.48	100.0	124.7	104	80-120
Cobalt	<1.000	100.0	100.1	100	80-120
Copper	<1.452	100.0	104.1	104	80-120
Lead	<1.190	100.0	82.31	82	67-120
Molybdenum	7.261	100.0	109.5	102	80-120
Nickel	4.120	100.0	101.0	97	80-120
Selenium	6.757	100.0	109.3	103	73-132
Silver	2.632	100.0	105.6	103	67-120
Thallium	5.785	50.00	60.64	110	76-121
Vanadium	9.362	100.0	115.0	106	80-120
Zinc	77.18	100.0	177.5	100	80-122

Type: MSD Lab ID: QC823571

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	95.84	96	74-120	3	24
Arsenic	100.0	102.3	99	80-127	1	25
Barium	100.0	149.4	99	80-120	1	20
Beryllium	100.0	105.4	105	80-120	1	20
Cadmium	100.0	100.3	100	80-120	2	20
Chromium	100.0	122.1	102	80-120	2	20
Cobalt	100.0	98.28	98	80-120	2	20
Copper	100.0	102.3	102	80-120	2	20
Lead	100.0	79.29	79	67-120	4	23
Molybdenum	100.0	107.9	101	80-120	2	20
Nickel	100.0	99.56	95	80-120	1	20
Selenium	100.0	109.8	103	73-132	0	30
Silver	100.0	104.9	102	67-120	1	22
Thallium	50.00	59.52	107	76-121	2	20
Vanadium	100.0	112.7	103	80-120	2	20
Zinc	100.0	179.1	102	80-122	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	232251
Lab ID:	QC824045	Prepared:	02/19/16
Matrix:	Water	Analyzed:	02/19/16
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	232251
Matrix:	Water	Prepared:	02/19/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC824046	2.500	2.978	119	80-120		
BSD	QC824047	2.500	2.886	115	80-120	3	24

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	274186	Location:	Commercial BLD - Alameda
Client:	ODIC Environmental & Energy	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	232251
Field ID:	ZZZZZZZZZZ	Sampled:	02/09/16
MSS Lab ID:	274108-001	Received:	02/11/16
Matrix:	Water	Prepared:	02/19/16
Units:	ug/L	Analyzed:	02/19/16
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC824048	<0.02080	2.500	2.638	106	60-130		
MSD	QC824049		2.500	2.622	105	60-130	1	34

RPD= Relative Percent Difference

APPENDIX D
GEOPHYSICAL SUBSURFACE INVESTIGATION REPORT

subtronic corp
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GEOPHYSICAL SUBSURFACE INVESTIGATION
To Locate UNDERGROUND STORAGE TANK

Site: 2449 SANTA CLARA AVENUE, ALAMEDA CA

Sites and Objectives:

On February 9, 2016, Subtronic was asked to conduct a geophysical survey to determine if any underground storage tanks (USTs) were buried at 2449 Santa Clara Avenue, Alameda, California.

GEOPHYSICAL SURVEY FINDINGS

Site Description:
The site was formerly a gas station however now it consists of a single story office complex with a back parking lot. The whole lot is 120 feet by 50 feet, the parking lot 70 feet long by 50 feet wide.

Survey Methods:

The inside of the building was scanned using ground penetrating radar along linear traverses. Note theses scans were collected were there wasn't furniture in the way. Metal detectors could not be used due to the reinforced concrete. The back parking lot was scanned with both metal detectors (Schondstedt and the split box locator). Anomalous areas detected by the metal detectors were marked out and surveyed for a site sketch. Radar data in the parking lot was collected along traverses spaced 2 feet apart. The radar data was further analyzed in the office.

GEOPHYSICAL EQUIPMENT USED IN THIS SURVEY
The specialized equipment used at the site includes a TW-6 M-Scope, Schondstedt GA-72-CD, and the GSSI system 4000 ground penetrating radar (GPR) with a 400 MHz antenna.

TW-6 M-Scope
The Fisher TW-6 M-Scope is a split box inductive locater and metal detector mounted on a four-foot rod. The split box locater can detect metal lines "inductively". The M-Scope is also used to detect buried metallic objects such as manhole covers, underground storage tanks, etc… The limits of detection for a TW-6 M-SCOPE are approximately five feet in depth.

Schondstedt GA-72-CD
The Schondstedt is a hand held magnetic gradiometer which detects the magnetic field caused by ferromagnetic objects. The Schondstedt produces an audible signal when it detects a variation in the magnetic field strength between the two sensors 14 in apart. In an area of little magnetic debris it can detect metallic objects up to 10 feet deep.

GSSI SIR-4000

A ground penetrating radar system graphically records subsurface structures. Both geological and man made structures are recorded by the introduction of a pulse of electromagnetic energy into the ground. Reflected pulses received by the antenna are then processed for measurable contrast in electrical properties. The result is a visual pseudo-cross-sectional profile.

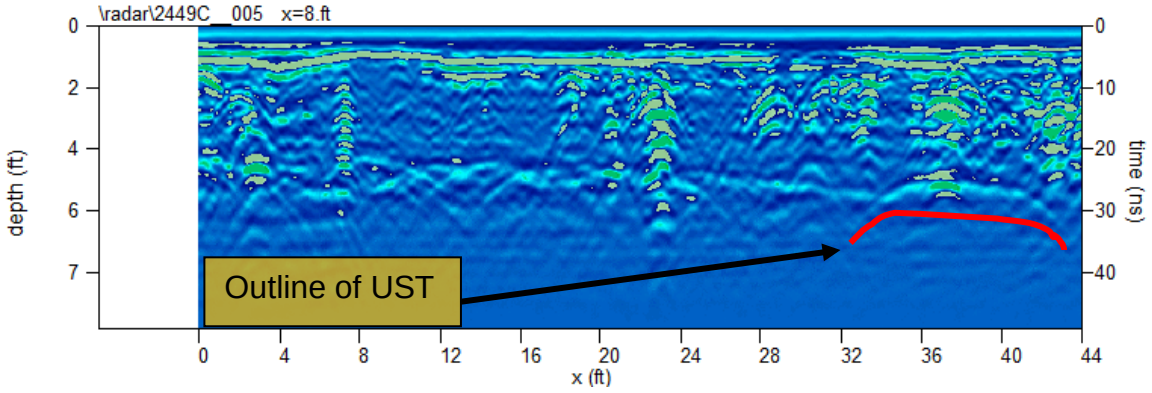
Primary applications of the GPR are detecting UST's, foundations, buried drums, previously excavated areas and detecting metallic and non-metallic utilities.

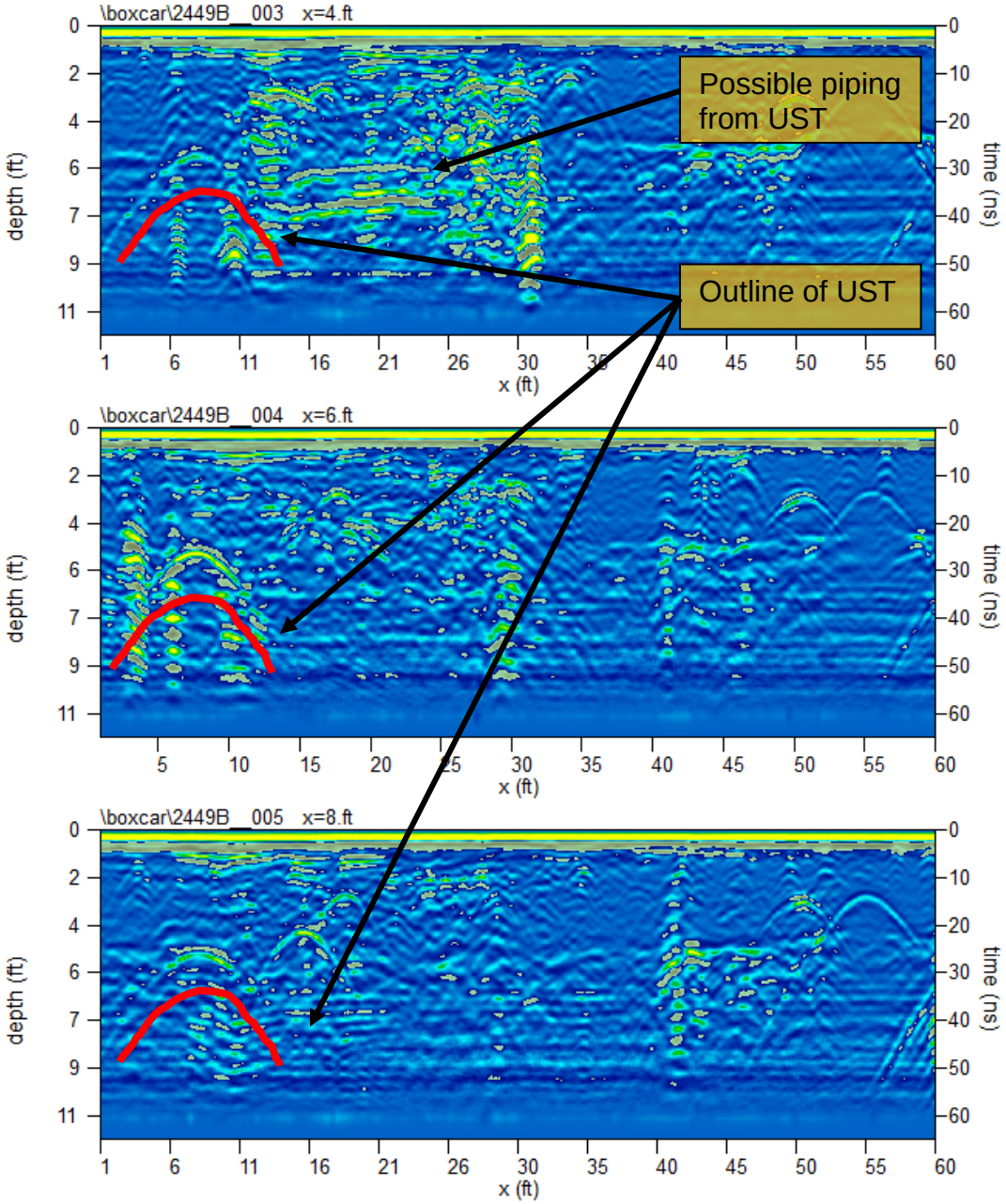
The GPR depth penetration is severely limited by clay-rich soil. Radar waves can penetrate deeper in sandy and gravelly soils.

Survey Results

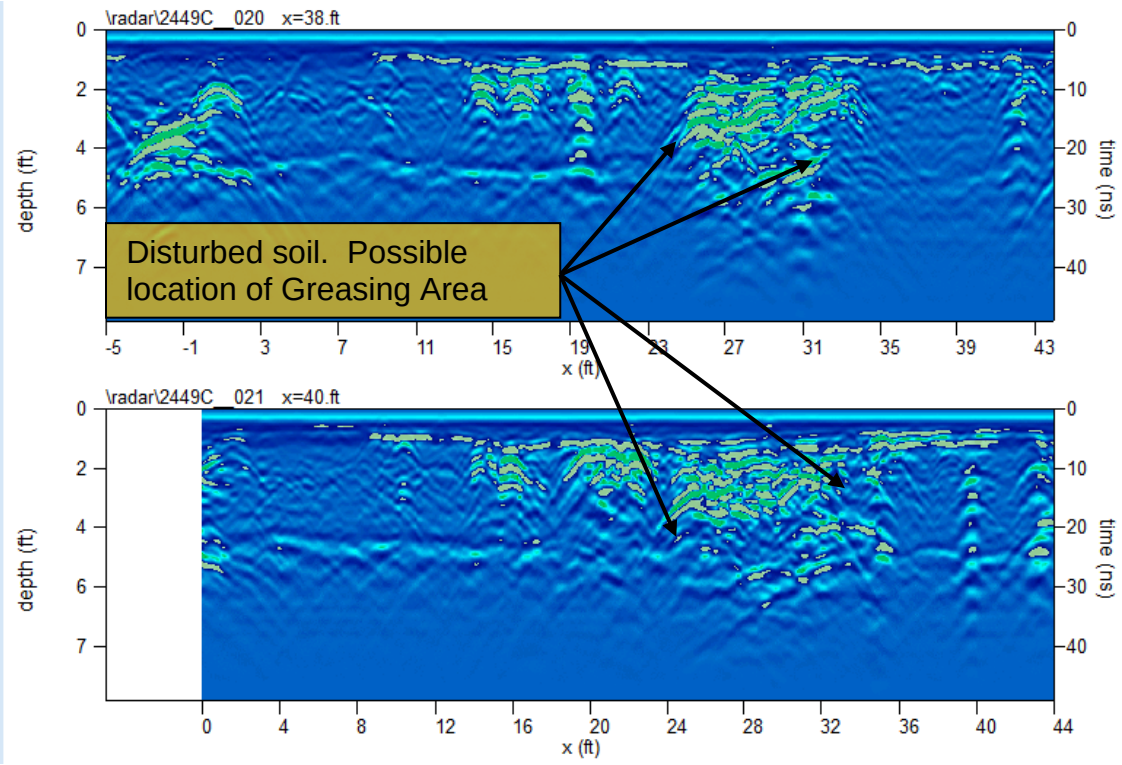
The radargrams collected inside the building did not show indications of an underground tank. Note that the radargrams showed strong echos from the rebar and ceiling make interpreting the scans indoors more difficult.

The results of the metal detection scan outdoors detected a broad deep metallic anomaly in the northwest corner of the parking lot and several shallow anomalies at the driveway entrance of the parking lot. Radar scans over the broad deep anomaly detected by the magnetic locator suggest that this anomaly is possibly a small waste oil tank buried approximately 4 ft 6 in deep.





From the radargrams shown below an anomalous area was identified with dimensions of 8 ft by 4 ft of radargrams. This area may be the location of the former greasing area.



Geophysical Survey Conclusions:
Based on the results of the magnetic locator and ground penetrating radar, it is interpreted that there is possibly a waste oil size UST located in the northwest corner of the parking lot (36 feet north of SW building corner and 10 east of the building wall). The object is approximately 6 feet long and about 4 feet wide, buried approximately 4 ½ feet deep. An area of disturbed soil which may be associated with the possible greasing area was found. This area is approximately 4 feet wide by 10 long. Lastly a small area of buried metal was found in the driveway.

A site sketch is included at the back page of this document. The sketch includes the locations of the possible UST, and degreaser area.

Limitations
The subsurface geology, object size and composition, burial depth, affect the size and shape of geophysical anomalies, which may impede their detection. Geophysical anomalies may not represent unique solutions. Apparently similar anomalies may be created by different subsurface phenomena.

The limits of discernment of this magnetic survey are the detection of objects within five feet to 10 feet of metal fences, buildings, vehicles and other identified metal objects.

Report Prepared By: _____

Pierre Armand, RGP 1021

ABBREVIATIONS

G	GAS
SS	SANITARY SEWER
COM	COMMUNICATION
WM	WATER METER
UN	UNKNOWN UTILITY

LEGEND:

GEOPHYSICAL SURVEY SITE MAP
SITE: 2449 SANTA CLARA AVE.
ALAMEDA, CA
SURVEY BY SUBTRONIC CORP.
ON FEBRUARY 8TH, 2016
BY PIERRE ARMAND