CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: January 7, 2013

REFERENCE NO.: 240695

PROJECT NAME: 4895 Hacienda Drive, Dublin

TO: Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
By Alameda County Environmental Health at 8:54 am, Jan 14, 2013

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
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- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Subsurface Investigation Report

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
If you have any questions regarding the content of this document, please contact Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
Carl Cox, CJC Hacienda LLC (property owner), 4431 Stoneridge Drive #100, Pleasanton, CA 94588-8417
Colleen Winey, Zone 7 Water Agency (electronic copy)
R. Jackson Pope, Regal Cinemas, Inc. (adjacent property owner), 7231 Mike Campbell Drive, Knoxville, TN 37918
Thomas P. Sullivan, Brown and Sullivan, LLP (adjacent property owner's representative), 1051 Pacific Marina, Suite 101, Alameda, CA 94501

Completed by: Peter Schaefer Signed:

Filing: **Correspondence File**

Denis L. Brown
Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Shell-branded Service Station
4895 Hacienda Drive
Dublin, California
SAP Code 165112
Incident No. 97795893
ACEH Case No. RO0002985

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Senior Program Manager

SUBSURFACE INVESTIGATION REPORT

SHELL-BRANDED SERVICE STATION
4895 HACIENDA DRIVE
DUBLIN, CALIFORNIA

SAP CODE	165112
INCIDENT NO.	97795893
AGENCY NO.	RO0002985

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

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web: http://www.CRAworld.com

JANUARY 7, 2013
REF. NO. 240695 (9)
This report is printed on recycled paper.

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EXECUTIVE SUMMARY

- Four CPT borings were drilled during this investigation to evaluate groundwater conditions down gradient of the site.
- Grab groundwater samples were collected at various depths from the borings.
- Grab groundwater samples collected from the borings contained up to 59 µg/L TPHd and 1.0 µg/L MTBE. No other constituents of concern were detected.
- The TPHd and MTBE detections do not exceed the RWQCB ESLs for groundwater where groundwater is a drinking water source.
- The groundwater plume has been adequately delineated by these grab groundwater analytical results. Based on current soil and groundwater conditions, CRA recommends closure of this environmental case.
- CRA requests that ACEH suspend the groundwater monitoring program during the closure review.

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent investigation activities at the referenced site. The purpose of the investigation was to investigate groundwater down gradient from the site. CRA followed the scope of work presented in our May 24, 2012 *Subsurface Investigation Report* which was approved by Alameda County Environmental Health (ACEH) in their July 2, 2012 letter. We followed the procedures presented in our May 27, 2011 *Revised Subsurface Investigation Work Plan,* which was approved by ACEH in their June 20, 2011 letter. ACEH's October 31, 2012 electronic correspondence extended the due date for this report to January 11, 2013.

The subject site is an active Shell-branded Service Station located on the northeastern corner of Hacienda Drive and Martinelli Way in a primarily commercial area of Dublin, California (Figure 1). The site layout includes a fuel underground storage tank complex, four dispensers, a car wash, and a station building (Figure 2).

A summary of previous work performed at the site and additional background information is contained in Appendix A.

2.0 INVESTIGATION ACTIVITIES

2.1 PERMITS

CRA obtained a drilling permit from Zone 7 Water Agency and an encroachment permit from the City of Dublin (Appendix B).

2.2 DRILLING DATES

November 5 through 9, 2012.

2.3 DRILLING COMPANY

Gregg Drilling & Testing, Inc. (Gregg)

2.4 CRA PERSONNEL

CRA staff scientist Cristina Arganbright directed the drilling activities under the supervision of California Professional Geologist Peter Schaefer.

2.5 DRILLING METHOD

Cone penetration test (CPT).

2.6 NUMBER OF BORINGS

Gregg advanced four CPT borings (CPT-5 through CPT-8) during this investigation. The boring specifications and soil types encountered are described on the CPT logs contained in Appendix C. The boring locations are shown on Figure 2.

2.7 BORING DEPTHS

54.5 to 59 fbg.

2.8 WASTE DISPOSAL

Five drums of sludge and one drum of soil were generated during field activities, stored in 55-gallon drums on site, sampled, and profiled for disposal. Waste disposal documentation is pending and will be provided upon request.

3.0 FINDINGS

3.1 GRAB GROUNDWATER

CRA summarizes the grab groundwater chemical analytical data in Table 1, presents total petroleum hydrocarbons as diesel (TPHd), total petroleum hydrocarbons as gasoline (TPHg), benzene, and methyl tertiary-butyl ether (MTBE) analytical results on Figure 2, and includes the laboratory analytical reports in Appendix D.

4.0 DISCUSSION

The purpose of the investigation was to investigate groundwater down gradient from the site. Three CPT borings were drilled off site in the mall parking lot south and south-southeast of the site, and one CPT boring was drilled in Hacienda Drive south-southwest of the site. CRA collected grab groundwater samples at various depths from each boring.

Grab groundwater samples collected from the borings contained up to 59 micrograms per liter (µg/L) TPHd and 1.0 µg/L MTBE. No other constituents of concern were detected.

The TPHd and MTBE detections do not exceed San Francisco Bay Regional Water Quality Control Board environmental screening levels for groundwater where groundwater is a current or potential drinking water source.[1]

5.0 CONCLUSIONS

The groundwater plume has been adequately delineated by these grab groundwater analytical results.

6.0 RECOMMENDATIONS

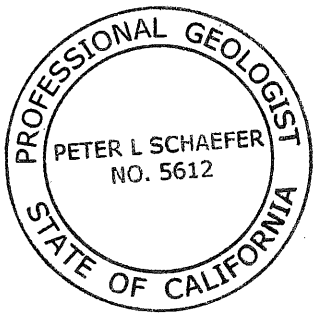
Based on current soil and groundwater conditions, CRA recommends closure of this environmental case. CRA requests that ACEH suspend the groundwater monitoring program during the closure review.

---

1 *Screening for Environmental Concerns at Site With Contaminated Soil and Groundwater,* California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CEG, CHG



for

Aubrey K. Cool, PG

FIGURES

02/08/2011

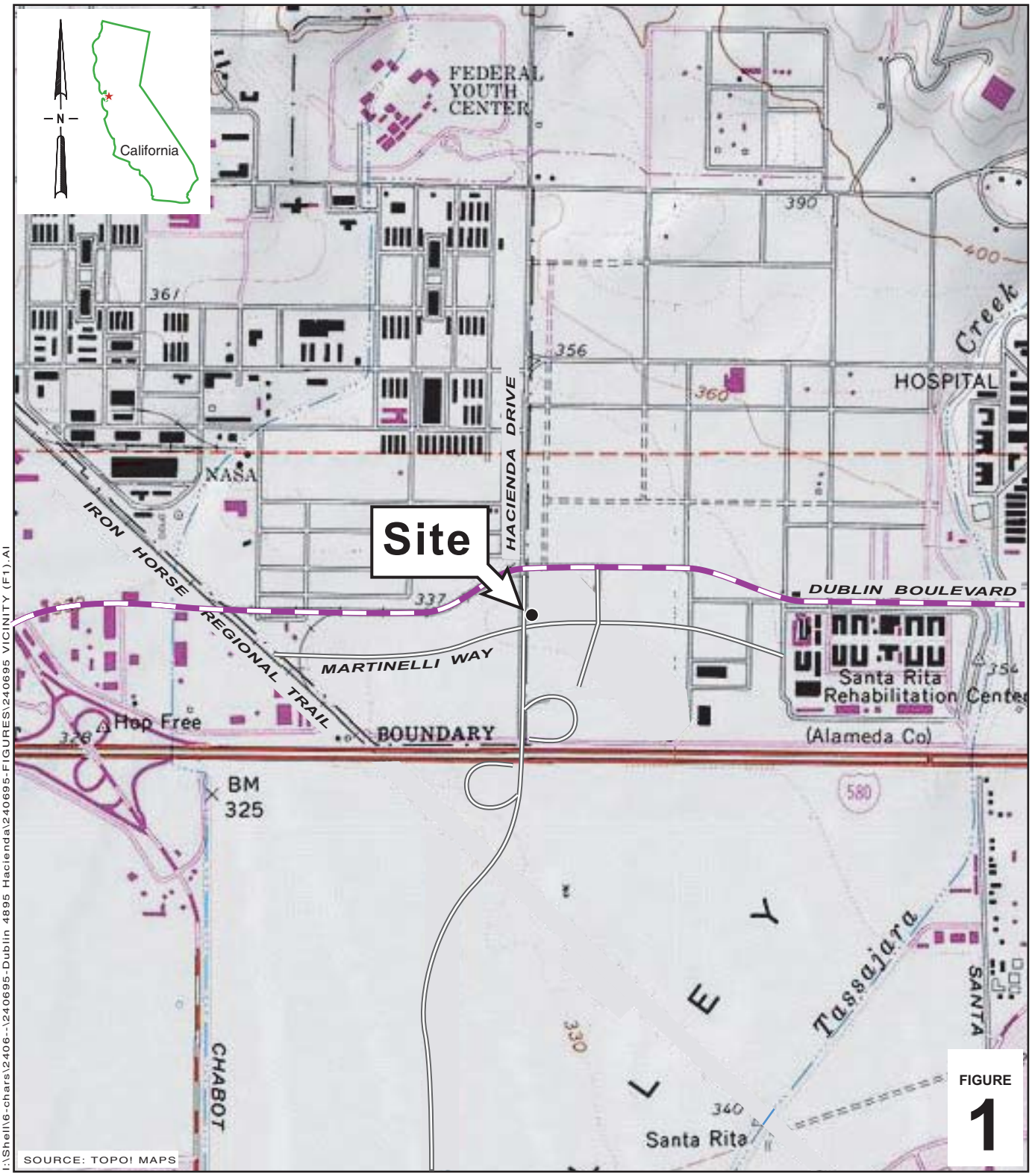


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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station

4895 Hacienda Drive

Dublin, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

EXPLANATION

CPT-5	CPT location (CRA, 11/2012)
CPT-1	CPT location (CRA, 03/2012)
MW-1	Monitoring well location
B-1	Soil boring location (Delta, 2008)

Electrical line (E)
Telecommunication line (T)
Gas line (G)
Storm drain line (STM)
Sanitary sewer line (SAN)
Water line (W)
Unknown utility line (?)
Catch basin
Fire hydrant

Sample ID	Sample Date	Sample Depth	TPHd (µg/L)	TPHg (µg/L)	Benzene (µg/L)	MTBE (µg/L)
CPT-5	11/09/2012	22	59	<50	<0.50	<0.50
CPT-5	11/09/2012	32	<50	<50	<0.50	<0.50
CPT-5	11/09/2012	55	<47	<50	<0.50	<0.50

Notes:
Grab groundwater sample ID, date, depth in feet below grade, and concentrations in micrograms per liter (µg/L)
TPHd = Total petroleum hydrocarbons as diesel
TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tertiary-butyl ether
<X = Not detected at reporting limit X
Results in **bold** equal or exceed ESLs

MW-1
B-1
B-2
MW-2
CPT-1
MW-6
B-3
MW-4
B-4
CPT-2
MW-3
MW-5
Shell Station
4895 Hacienda Drive
USTs
Station Building
Car Wash
Dispenser Islands & Canopy
Air/Water
Parking
Planter
Sidewalk
Sign
MARTINELLI WAY
Planted Median
HACIENDA DRIVE
Median
Romano's Macaroni Grill Restaurant
4805 Hacienda Drive
Trash
CPT-3
Mimi's Cafe
4775 Hacienda Drive
CPT-8
CPT-4
CPT-7
CPT-5
CPT-6
Parking Lot
Planted Median

Sample ID	Sample Date	Sample Depth	TPHd (µg/L)	TPHg (µg/L)	Benzene (µg/L)	MTBE (µg/L)
CPT-8	11/08/2012	19	<50	<50	<0.50	0.54
CPT-8	11/08/2012	34	<48	<50	<0.50	1.0
CPT-8	11/08/2012	50.5	NA	<50	<0.50	<0.50

Sample ID	Sample Date	Sample Depth	TPHd (µg/L)	TPHg (µg/L)	Benzene (µg/L)	MTBE (µg/L)
CPT-7	11/09/2012	19	<54	<50	<0.50	<0.50
CPT-7	11/09/2012	29	<50	<50	<0.50	<0.50
CPT-7	11/09/2012	53	<49	<50	<0.50	<0.50

Sample ID	Sample Date	Sample Depth	TPHd (µg/L)	TPHg (µg/L)	Benzene (µg/L)	MTBE (µg/L)
CPT-6	11/08/2012	23	<49	<50	<0.50	<0.50
CPT-6	11/08/2012	40	<48	<50	<0.50	<0.50
CPT-6	11/08/2012	55	54	<50	<0.50	<0.50

Sample ID	Sample Date	Sample Depth	TPHd (µg/L)	TPHg (µg/L)	Benzene (µg/L)	MTBE (µg/L)
CPT-5	11/09/2012	22	59	<50	<0.50	<0.50
CPT-5	11/09/2012	32	<50	<50	<0.50	<0.50
CPT-5	11/09/2012	55	<47	<50	<0.50	<0.50

N

0 20 60ft

Figure 2

Grab Groundwater Concentration Map
November 8-9, 2012
Shell-branded Service Station
4895 Hacienda Drive
Dublin, California

I:\Shell\6-chars\2406--\240695-Dublin 4895 Hacienda\240695-FIGURES\240695 SITE PLAN.DWG (01/04/2013)

TABLE

TABLE 1

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
4895 HACIENDA DRIVE, DUBLIN, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*EDB (µg/L)*	*1,2-DCA (µg/L)*	*Ethanol (µg/L)*
B-1	8/20/2008	20	---	<50	<0.50	<1.0	<1.0	<2.0	2.3	<10	<2.0	<2.0	<2.0	<1.0	<0.50	<100
B-2	8/20/2008	20	---	**320**	<2.5	<5.0	<5.0	<10	**370**	<50	<10	<10	<10	<5.0	<2.5	<500
MW-5	2/17/2010	42	55	<50	<0.50	<1.0	<1.0	<1.0	1.2	<10	<2.0	<2.0	<2.0	<1.0	<0.50	<100
CPT-1	3/14/2012	45-49	**100**	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-1	3/14/2012	56-59	**110**	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-2	3/15/2012	56-60	86	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-3	3/15/2012	29-32	53	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-4	3/16/2012	20.5-24.5	<47	**310**	<2.5	<2.5	<2.5	<5.0	**410**	<50	<2.5	<2.5	<2.5	<2.5	<2.5	---
CPT-4	3/16/2012	31-34	53	**180**	<1.3	<1.3	<1.3	<2.5	**240**	<25	<1.3	<1.3	<1.3	<1.3	<1.3	---
CPT-4	3/16/2012	54-57	88	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-5	11/9/2012	22	59 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-5	11/9/2012	32	<50 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-5	11/9/2012	55	<47 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-6	11/8/2012	23	<49 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-6	11/8/2012	40	<48 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-6	11/8/2012	55	54 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-7	11/9/2012	19	<54 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-7	11/9/2012	29	<50 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-7	11/9/2012	53	<49 a	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-8	11/8/2012	19	<50 a	<50	<0.50	<0.50	<0.50	<1.0	0.54	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
4895 HACIENDA DRIVE, DUBLIN, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*EDB (µg/L)*	*1,2-DCA (µg/L)*	*Ethanol (µg/L)*
CPT-8	11/8/2012	34	<48 a	<50	<0.50	<0.50	<0.50	<1.0	1.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
CPT-8	11/8/2012	50.5	---	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	---
Groundwater ESL [b]:			100	100	1.0	40	30	20	5.0	12	NA	NA	NA	0.050	0.50	NA

Notes:
TPHd = Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015M
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
EDB = 1,2-Dibromoethane analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B
fbg = Feet below grade
µg/L = Micrograms per liter
<x = Not detected at reporting limit x
--- = Not analyzed
ESL = Environmental screening level
NA =No applicable ESL
Results in **bold** equal or exceed applicable ESL

a = Analyzed with silica gel cleanup
b = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is a potential source of drinking water (Tables A and C of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

APPENDIX A

SITE HISTORY

SITE HISTORY

2008 Phase II Investigation: In August 2008, Delta Consultants (Delta) drilled four soil borings (B-1 through B-4) to characterize soil and groundwater beneath the site. Soil samples collected from the soil borings contained up 39 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as diesel (TPHd) and 0.073 mg/kg methyl tertiary-butyl ether (MTBE). Grab groundwater samples collected from soil borings B-1 and B-2 contained up to 320 micrograms per liter (µg/L) total petroleum hydrocarbons as gasoline (TPHg) and 370 µg/L MTBE. No other constituents of concern (COCs) were detected in the soil or grab groundwater samples. Based on these results, Shell Oil Products US submitted an *Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report* on September 4, 2008. Delta's October 28, 2008 *Phase II Site Assessment* presents results of this investigation.

2010 Subsurface Investigation: In February 2010, Delta installed six groundwater monitoring wells (MW-1 through MW-6). Soil samples collected from the well borings contained up to 0.057 mg/kg MTBE. No other COCs were detected in the soil samples. Delta's April 15, 2010 *Well Installation Report* presents results of this investigation.

2010 Well Survey: Delta conducted a survey of Zone 7 Water Agency (Zone 7) and California Department of Well Resources (DWR) records for wells within 2,000 feet of the site. Delta identified one water supply well (3S/1E-5K1) approximately 1,750 feet southeast of the site. A 1912 DWR log for the well indicates the well was drilled to 130 feet below grade (fbg). Mr. Wyman Hong of Zone 7 reported to Delta that the well was un-locatable and most likely destroyed. Delta also identified a 35-foot-deep test well (3S/1E-5H1) installed in 1986. Mr. Hong stated that the well's location could not be field-verified. Delta's September 10, 2010 *Additional Site Assessment Work Plan* presents results of the well survey.

2012 Subsurface Investigation: In March 2012, CRA drilled four cone penetrometer test (CPT) borings to evaluate groundwater conditions on site and down gradient from the site. Grab groundwater samples collected from the CPT borings contained up to 110 µg/L TPHd, 310 µg/L TPHg, and 410 µg/L MTBE. No other COCs were detected. CRA's May 24, 2012 *Subsurface Investigation Report* provides investigation results.

Groundwater Monitoring Program: Groundwater sampling began in March 2010. Groundwater depth at the site has historically ranged from 11.65 to 14.49 fbg, and groundwater flow direction is generally southerly to southeasterly.

APPENDIX B

PERMITS

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Shell-branded Service Station
4895 Hacienda Dr, Dublin, CA

PERMIT NUMBER 2012096
WELL NUMBER
APN 986-008-013-00

Coordinates Source _____ ft. Accuracy _____ ft.
LAT: _____ ft. LONG: _____ ft.
APN 986-8-13

CLIENT
Name Shell Oil Products US.
Address 20945 S. Wilmington Ave Phone 707-865-0251
City Carson, CA Zip 90810

APPLICANT
Name Cambria Envir. Tech. Group
Email _____ Fax _____
Address 1144 65th St. Suite B Phone 510-420-0700
City Oakland, CA Zip 94608

TYPE OF PROJECT:

Well Construction	—	Geotechnical Investigation	—
Well Destruction	—	Contamination Investigation	—
Cathodic Protection	—	Other	—

PROPOSED WELL USE:

Domestic	—	Irrigation	—
Municipal	—	Remediation	—
Industrial	—	Groundwater Monitoring	—
Dewatering	—	Other	—

DRILLING METHOD:
Mud Rotary — Air Rotary — Hollow Stem Auger
Cable Tool — Direct Push — Other CPT

DRILLING COMPANY Gregg Drilling
950 Howe St., Martinez, CA 94553
DRILLER'S LICENSE NO. 485108

WELL SPECIFICATIONS:
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS:
Number of Borings 4
Hole Diameter 2 in. Maximum Depth ~60 ft.

ESTIMATED STARTING DATE Nov. 1st, 2012
ESTIMATED COMPLETION DATE Nov 8th, 2012

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE _____ Date 9/21/12

ATTACH SITE PLAN OR SKETCH

PERMIT CONDITIONS
(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report (DWR Form 188), signed by the driller.
3. Permit is void if project not begun within 90 days of approval date.
4. Notify Zone 7 at least 24 hours before the start of work.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved Wyman Hong Date 9/24/12
Wyman Hong

Revised: January 4, 2010

PERMIT 2012096

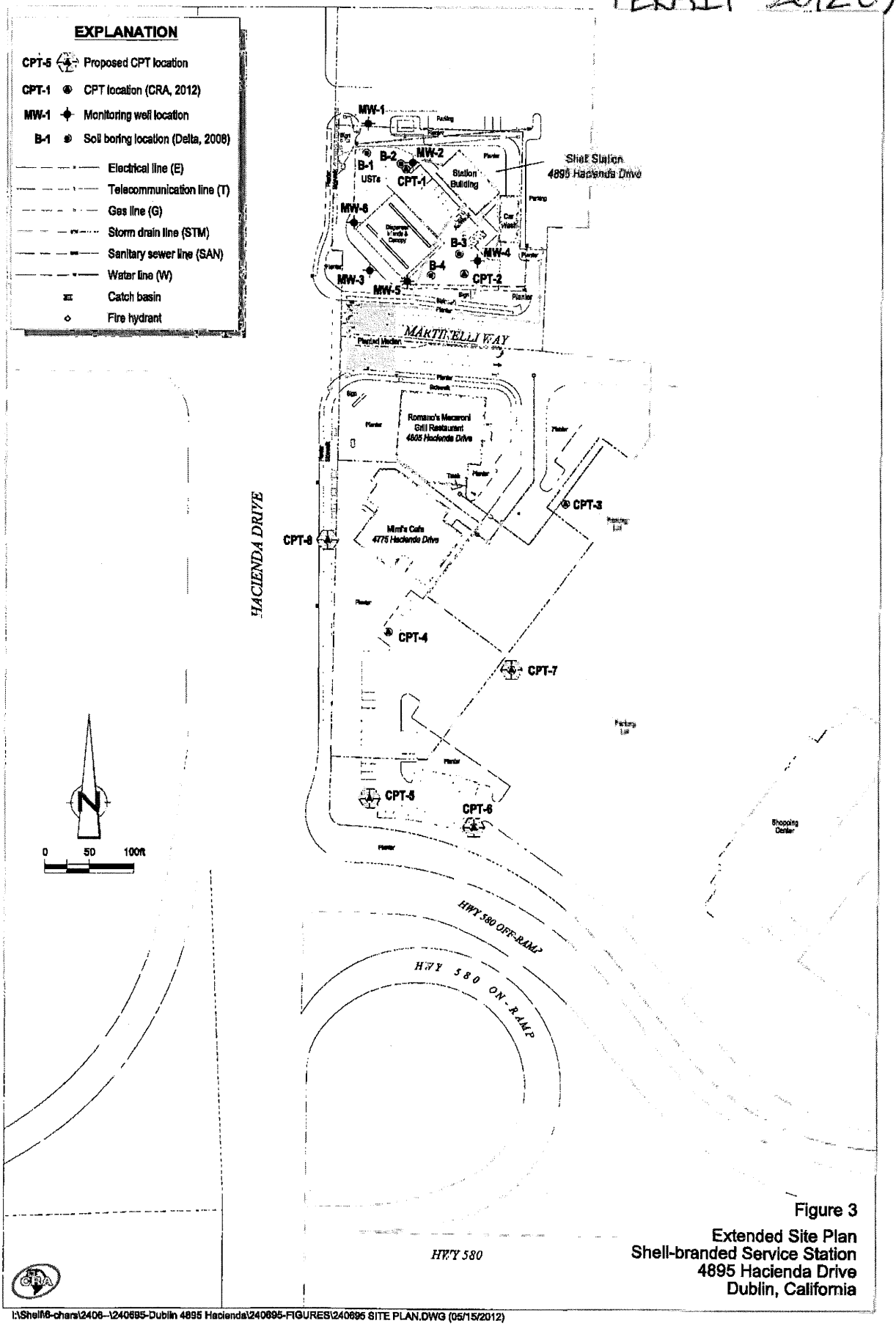


Figure 3
Extended Site Plan
Shell-branded Service Station
4895 Hacienda Drive
Dublin, California

I:\Shell\8-chars\2406--\240695-Dublin 4895 Hacienda\240695-FIGURES\240695 SITE PLAN.DWG (05/15/2012)

1229002-1 0021 10/16/2012 002 24
Permit Real Time 004715 $202.00

CITY OF DUBLIN
100 Civic Plaza
Dublin, California 94568

Public Works

Permit No.: **PWEN-2012-00134**

Application Date: **10/08/2012**

Permit Type: **PW ENCROACHMENT PERMIT**

Inspection Requests Require 24 Hour Notice
BUILDING & SAFETY (925) 833-6620 FIRE (925) 833-6606 PUBLIC WORKS (925) 833-6630 PLANNING (925) 833-6610

Site Address: 4895 HACIENDA DR
DUBLIN CA 94568-7597

Applicant: CONESTOGA - ROVERS AND ASSOCIA **Phone:** (707) 933-2377
Address: 19449 RIVERSIDE DR **Fax:**
230
SONOMA, CA 95476

Description: Utility survey in northbound traffic lane and northbound sidewalk. Traffic control to per Caltrans standards. Pedestrian access shall be maintained at all times. Lane closure hours 9:00am to 3:30pm.

SUPPLEMENTAL INFORMATION:

PERMIT FEE	10
PW INSPECTOR	ROEHL- (925)766-1152
MISC WORK HOURS	1.5

FEES:

ENCROACHMENT FEE	10.00	ADDITIONAL ENCROACHMENT FEE	192.00

TOTAL FEES: **202.00**

I hereby have read and agree to the City of Dublin provisions and conditions outlined in this permit:

Signature of Permittee

City Engineer

This permit may be revoked at any time at the option of the Director of Public Works, If permittee fails to comply with or violate any City Ordinance, City Standard, safety regulations or any condition of the issuance of the permit.

such work. Special measures shall be taken to ensure passage of emergency vehicles over and at the side of work at all times.
28. In the event that any future improvement of the road right-of-way necessitates the relocation of the encroachment for which this permit is issued, the permittee shall relocate same at his sole expense.
29. Priority shall be given to operations preformed under contract let by the City of Dublin for certain work at this location. Coordination shall be effected through said Contractor and the Project Representative for the City.
30. Any existing facilities damaged or removed in the course of the work shall be replaced in kind or better, including ground and pavement surface, signs, striping, markers, curb, gutter, survey monuments, trees, and other vegetation, etc., to the satisfaction of the owner of said facility.
31. The cash bond placed for this work will be held for six (6) months after the final inspection; however, in the event the permittee does not give the City the notice required and the work is performed without inspection, the cash bond will be held for one year after the final inspection.

PERMITTEE SHALL NOTIFY CITY INSPECTOR AT 925/833-6630 WITHIN 3 DAYS AFTER WORK IS COMPLETE.

FAILURE TO COMPLY WITH THESE PROVISIONS WILL RESULT IN THE CITY'S TAKING WHATEVER MEASURES ARE NECESSARY TO CONFORM TO SAID PROVISIONS AND BILLING THE PERMITTEE FOR ALL EXPENSES INCURRED.

CITY OF DUBLIN
PUBLIC WORKS DEPARTMENT
100 Civic Plaza
Dublin, California 94568
(925) 833-6630

PERMIT NO._____

ENCROACHMENT PERMIT

PERMIT TO DO WORK IN ACCORDANCE WITH CITY OF DUBLIN MUNICIPAL CODE CHAPTER 7.04 AND ANY SPECIAL REQUIREMENTS SHOWN OR LISTED HEREIN.

Applicant/Permittee:	**Staff use only:**	
Name: Cunningham-Rovers & Associates	Permit Fee:	$
Address: 19449 Riverside Dr. Suite 230, Sonoma CA 95476	Plancheck Fee:	$
	Resurfacing Surcharge:	$
	Inspection Fees:	$
		$
Telephone: 707-933-2377		$
	Total Fees:	$
	Cash Bond:	$
	Surety No.:	$
	Total Paid:	$
	Receipt No.:	

PLEASE READ THIS PERMIT CAREFULLY. KEEP IT AT THE WORK SITE. TO ARRANGE FOR INSPECTION, PHONE 925-833-6630 AT LEAST 48 HOURS *BEFORE YOU START WORK.*

JOB LOCATION: 4895 Hacienda Blvd, Dublin

DESCRIPTION OF WORK: (Attach 3 copies of plans. Attach additional pages if needed.)

Utility Survey on North bound traffic lane & North bound Sidewalk

Length of Excavation NA **l.f.** **Width** NA **l.f.** **Depth** NA **ft.**

ATTENTION IS DIRECTED TO THE GENERAL PROVISIONS PRINTED ON THE REVERSE SIDE OF THIS PERMIT AND TO THE FOLLOWING SPECIAL REQUIREMENTS:

1. **Permittee shall provide and keep a current certificate of Public Liability and Workers Compensation Insurance which names the City of Dublin and its employees and agents as additional insured.**
2. **Worksites left in an unsafe condition will be secured by the City Maintenance Department and the cost will be charge to the permittee.**
3. **Permittee shall remove all U.S.A. markings upon completion of the project.**
4. **All traffic control shall meet current City of Dublin and Caltras standards and needs approval prior to start of the project.**
5. **Permittee shall contact Public Works Inspector for all required inspections.(i.e. traffic control, backfill, concrete form, etc.)**

_____

_____

Prosecution of Work. All work authorized by the permit shall be performed in a workman like, diligent, and expeditious manner, and must be complete to the satisfaction of the City Engineer.

Liability and Damages: The permittee shall be responsible for all liability imposed by law for personal injury or property damage which may arise out of the work permitted and done by permittee under this permit, or which may arise out of failure on the part of the permittee to perform his obligations under said permit in respect to maintenance and encroachment. The permittee shall protect and indemnify the City of Dublin, its officers and employees, and save them harmless in every way from all action by law for damage or injury to persons or property that may arise out of or be occasioned in any way because of his operations as provided in this permit..

I hereby have read and agree to the City of Dublin General provisions and conditions outlined in this permit

Signature of Permittee:
By: (Cristina Arganbright)
Date: 9/26/2012

City Engineer
By:_____
Date of Issue:_____

Inspection Record (Note date, type of inspection, and comments.)

_____

_____

_____

Completion Date: _____ Inspector:_____

This permit may be revoked at any time at the option of the Director of Public Works, If permittee fails to comply with or violates any City Ordinance, City Standard, safety regulations or any condition of the issuance of the permit

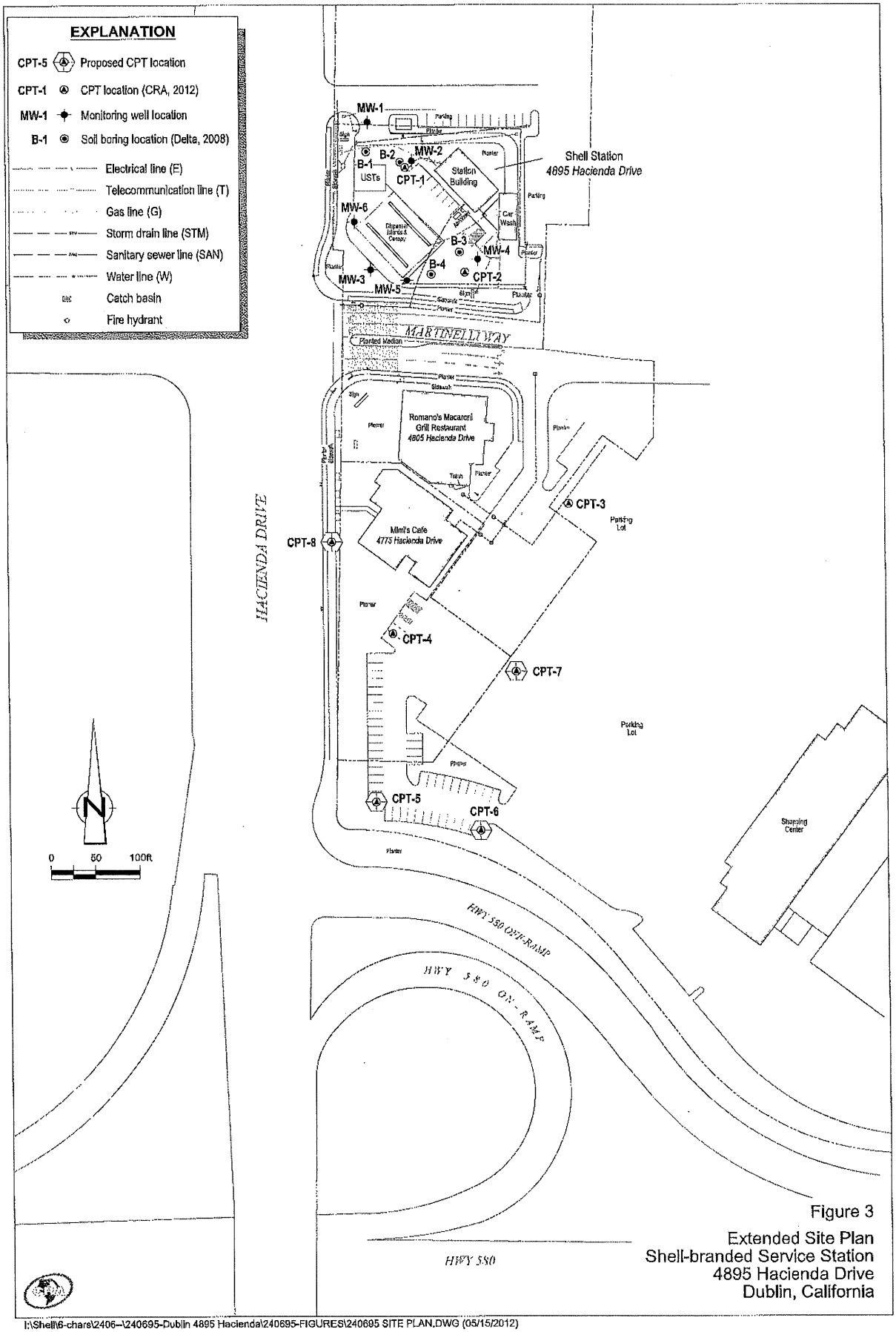
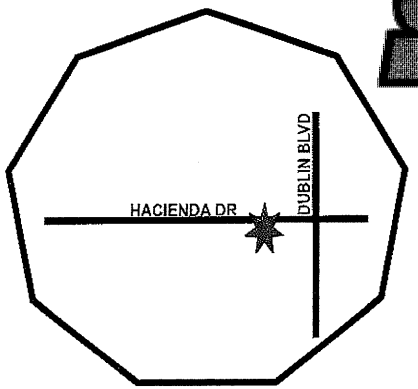


Figure 3
Extended Site Plan
Shell-branded Service Station
4895 Hacienda Drive
Dublin, California

I:\Shell\6-chars\2406--\240695-Dublin 4895 Hacienda\240695-FIGURES\240695 SITE PLAN.DWG (05/15/2012)

STATEWIDE
TRAFFIC SAFETY & SIGNS



TRAFFIC CONTROL PLANS
CRA

HACIENDA DR @ DUBLIN BLVD
JOB# 240695-95-12.04

CONTRACTOR:
CRA
CONTACT:
CRISTINA ARGANBRIGHT
707-933-2377

PROJECT LOCATION

THIS PROJECT IS LOCATED ON HACIENDA DR NEAR DUBLIN BLVD IN DUBLIN, CA. THIS PLAN WILL BE USED TO WORK IN THE TURN LANE FOR UTILITY LOCATE AND SOIL BORING. WORK HOURS WILL BE 8AM TO 5PM MONDAY THRU FRIDAY. CONTRACTOR WILL COMPLY WITH THE CITY OF DUBLIN STANDARD SPECIFICATIONS.

CONTRACTOR WILL COMPLY WITH THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS (ARTICLE 10), CONTRACT SPECIAL SPECIFICATIONS, TRAFFIC CONTROL PLAN SUPPLEMENT AND CALTRANS SPECIFICATIONS, M.U.T.C.D 2012 EDITION. THIS PLAN MAY BE MODIFIED BY THE ENGINEER AT ANY TIME TO ELIMINATE OR AVOID TRAFFIC CONDITIONS THAT ARE HAZARDOUS TO THE SAFETY OF THE PUBLIC.

CONTINUAL MONITORING AND MAINTENANCE OF THE TRAFFIC CONTROL ZONE, EMERGENCY ACCESS, ACCOMMODATION FOR PEDESTRIANS, BICYCLE TRAFFIC AND THE DISABLED, PROPER TRAINING OF FLAGGERS, PROPER DEVICES AND DEVICE USAGE AND APPROPRIATE NOTIFICATIONS SHALL BE USED ON THIS PROJECT.

CONSTRUCTION ZONE TRAFFIC CONTROL
STATEWIDE TRAFFIC SAFETY & SIGNS
LICENSE # 975518
Adam Bennett
916-452-4855
STATE OF CALIFORNIA

NOTES:

1. SIGN SPACING, CONE SPACING AND TAPER LENGTHS REFER TO TABLE.

2. THE LOCATION OF THE SIGNS AS SHOWN ON THE PLANS ARE GUIDELINES AND ACTUAL LOCATIONS WILL DEPEND UPON ALIGNMENT, GRADE, LOCATION OF STREET INTERSECTIONS, POSTED SPEED LIMITS, AND 85TH % TILE.

3. ALL HIGH LEVEL WARNING DEVICES WILL BE EQUIPPED WITH FLAGS FOR DAY CLOSURES.

4. IF THE WORK AREA ENCROACHES UPON A SIDEWALK OR WALKWAY, "SIDEWALK CLOSED, USE OTHER SIDE" SIGNS WILL BE USED TO GUIDE PEDESTRIANS TO CROSS TO ANOTHER MARKER CROSSWALK. PEDESTRIANS MAY NOT BE GUIDED ONTO PRIVATE PROPERTY OR THE TRAVELED WAY.

5. TRAFFIC LANES SHALL BE A MINIMUM OF TEN FEET IN WIDTH MIN CLR.

6. WHENEVER FEASIBLE AN ADDITIONAL 5 FEET SHALL BE PROVIDED FOR A BICYCLE LANE. IF IT IS NOT FEASIBLE TO PROVIDE A SEPARATE BICYCLE LANE, THE CONTRACTOR SHALL POST SIGNAGE BEFORE THE CONSTRUCTION AREA STATING: " SHARE the Road with Bicyclists". WHEN THE LANE IS SHARED, THE CONTRACTOR SHALL POST SIGNAGE FOR A MAXIMUM SPEED LIMIT OF 25 MPH IN THE SHARED LANE.

7. MONITOR AND MAINTAIN TRAFFIC CONTROL ZONE AT ALL TIMES.

8. MAINTAIN ACCESS FOR EMERGENCY VEHICLES.

9. ASSURE SAFE PASSAGE OF PEDESTRIANS & BICYCLISTS INCLUDING PERSONS WITH DISABILITIES IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990 (ADA), TITLE II, PARAGRAPH 35.130.

10. ALL DEVICES TO CONFORM TO CALTRAN'S STANDARDS.

11. DEVICE PLACEMENT TO CONFORM TO CALTRAN'S GUIDELINES.

12. FLAGGERS TO BE TRAINED PER TITLE 8 CCR.

NOTE:
1.CONTRACTOR WILL ASSIST ALL ADA, PED FOOT TRAFFIC AS NEEDED THROUGH WORK AREA. (MIN 5')

2.MAINTAIN ACCESS TO BUSINESS & RESIDENTS AT ALL TIMES.

3.NOTIFY AND COORDINATE WITH REGIONAL TRANSIT RELOCATION, CLOSURE OR MAINTAIN ACCESS TO BUS STOPS.

4.NO PARKING SIGNS WILL BE PLACED 24HRSBEFORE WORK BEGINS.

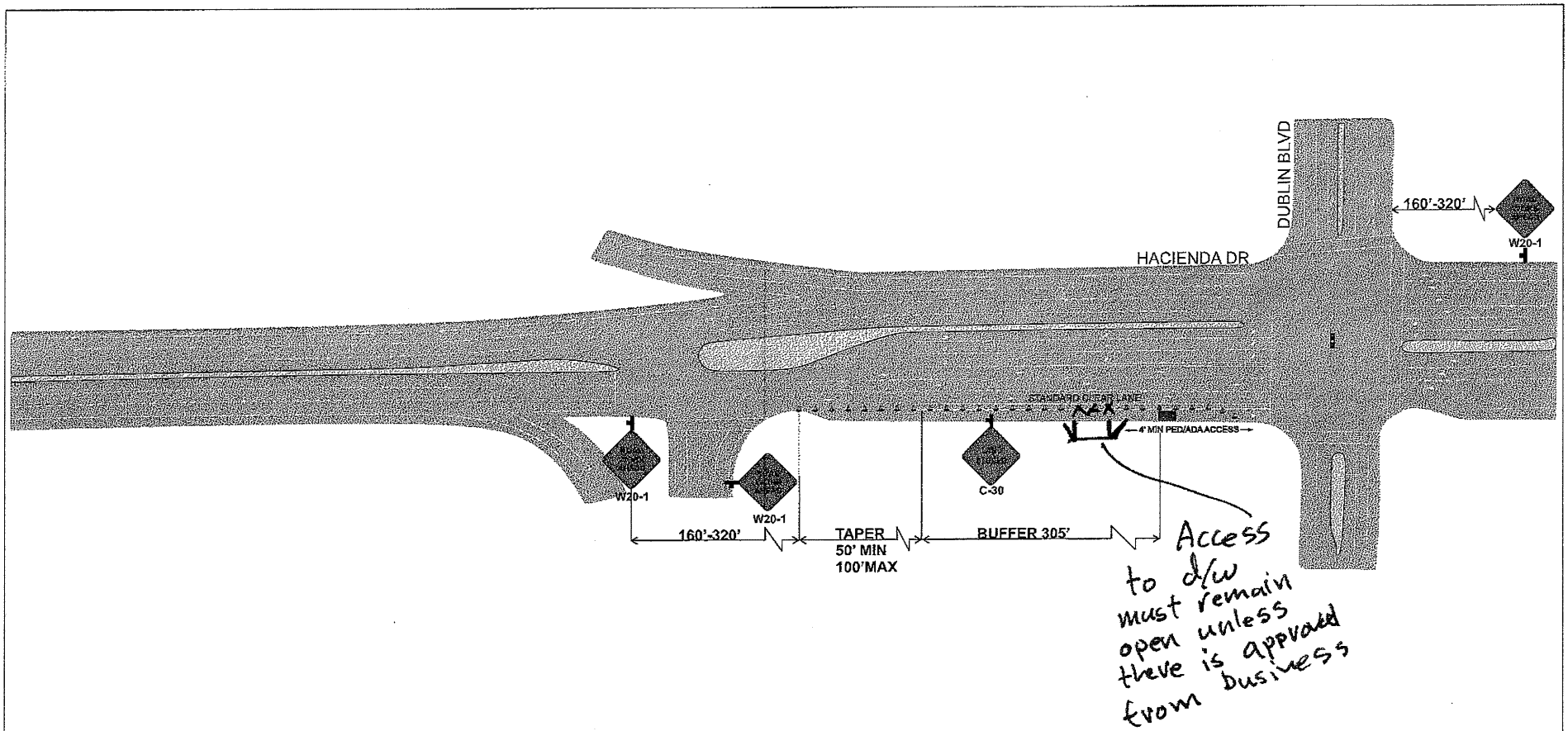
5.SIGNS SHALL BE 48X48".

6.SIDEWALKS WILL REMAIN OPEN AT ALL TIMES.

BOTH ARE BASED ON.
1.) 85TH % TILE OR IF NOT AVAILABLE, THEN USE
2.) POSTED SPEED LIMIT (PSL)
L = TAPER LENGTH
S = SPEED
W = WIDTH (OFFST FROM PATH OF TRAVEL

***CONES SHOWN ON THIS PLAN ARE ILLUSTRATION PURPOSE ONLY. EXACT NUMBER OF CONES REQUIRED SHALL BE BASED ON CONE SPACING, TAPER LENGTHS, ACTUAL FIELD, ACTUAL FIELD CONDITIONS, ECT....**

POSTED SPEED	FORMULAS	BUFFER SPACE	MINNIMUM TAPER LENGTH									MAX CONE SPACING	SIGN SPACING
			10' OFFSET			11' OFFSET			12' OFFSET				
			L MERGE	1/2 L SHIFT	1/3 L SHOULDER	L MERGE	1/2 L SHIFT	1/3 L SHOULDER	L MERGE	1/2 L SHIFT	1/3 L SHOULDER		
25		155'	104'	52'	35'	115'	57'	38'	125'	63'	42'	25'	100-200'
30	L=	200'	150'	75'	50'	165'	83'	55'	180'	90'	60'	30'	120-240'
35	(WS)(WS)	250'	204'	102'	68'	225'	112'	75'	245'	123'	82'	35'	140-280'
40	60	305'	267'	133'	89'	293'	147'	98'	320'	160'	107'	40'	160-320'
45		360'	450'	225'	150'	495'	248'	165'	540'	270'	180'	45'	350-500'
50		425'	50'	250'	167'	550'	275'	183'	600'	300'	200'	50'	525' MIN
55	L= (WS)	495'	550'	275'	183'	605'	303'	202'	660'	330'	220'	50'	550' MIN
60		570'	600'	300'	200'	660'	330'	220'	720'	360'	240'	50'	575' MIN
65		645'	650'	325'	217'	715'	358'	780'	780'	390'	260'	50'	600' MIN
70		730'	700'	350'	233'	770'	385'	840'	840'	420'	280'	50'	650' MIN



CONSTRUCTION ZONE TRAFFIC CONTROL
STATEWIDE TRAFFIC SAFETY & SIGNS
LICENSE # 975518
Adam Bennett
(916) 452-4855
STATE OF CALIFORNIA

POSTED SPEED: 40 MPH	TAPER LENGTH: 100'	CONE SPACING: 40'	SIGN SPACING: 160-320'	BUFFER ZONE: 305'

WORK ZONE		LIGHT TOWER	
CERTIFIED FLAGGER		BARRICADE	
REFLECTIVE CONE		SAND FILLED CRASH CUSHION	
TEMPORARY C.A.S.		ABSORB 350 ELEMENT	
ARROW BOARD		WATER WALL/WATER FILLED K RAIL	
CHANGEABLE MESSAGE SIGN		20' CONCRETE K RAIL	

Owner:	CITY OF DUBLIN
Project Name:	240695-95-12.04
Prime Contractor:	CRA
Phone Number:	707-933-2377
Date Prepared:	9/21/2012
Prepared By:	STATEWIDE TRAFFIC SAFETY & SIGNS
Project Sheet #:	# 2001

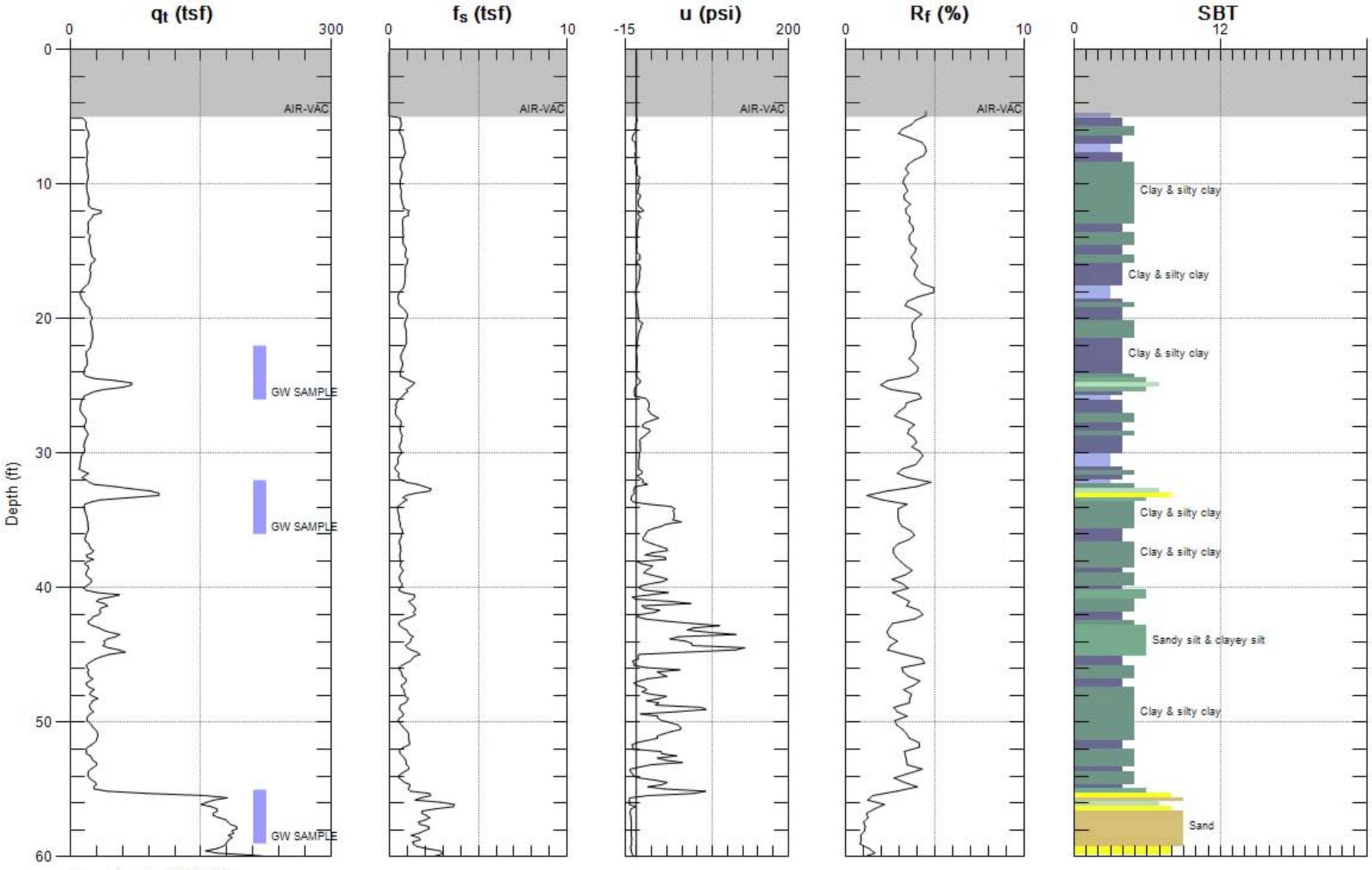
APPENDIX C

GREGG DRILLING & TESTING, INC. - CPT SITE INVESTIGATION

GREGG

CRA

Site: 4895 HACIENDA DR.
Engineer: P.SCHAEFER
Sounding: CPT-5
Date: 11/8/2012 02:55



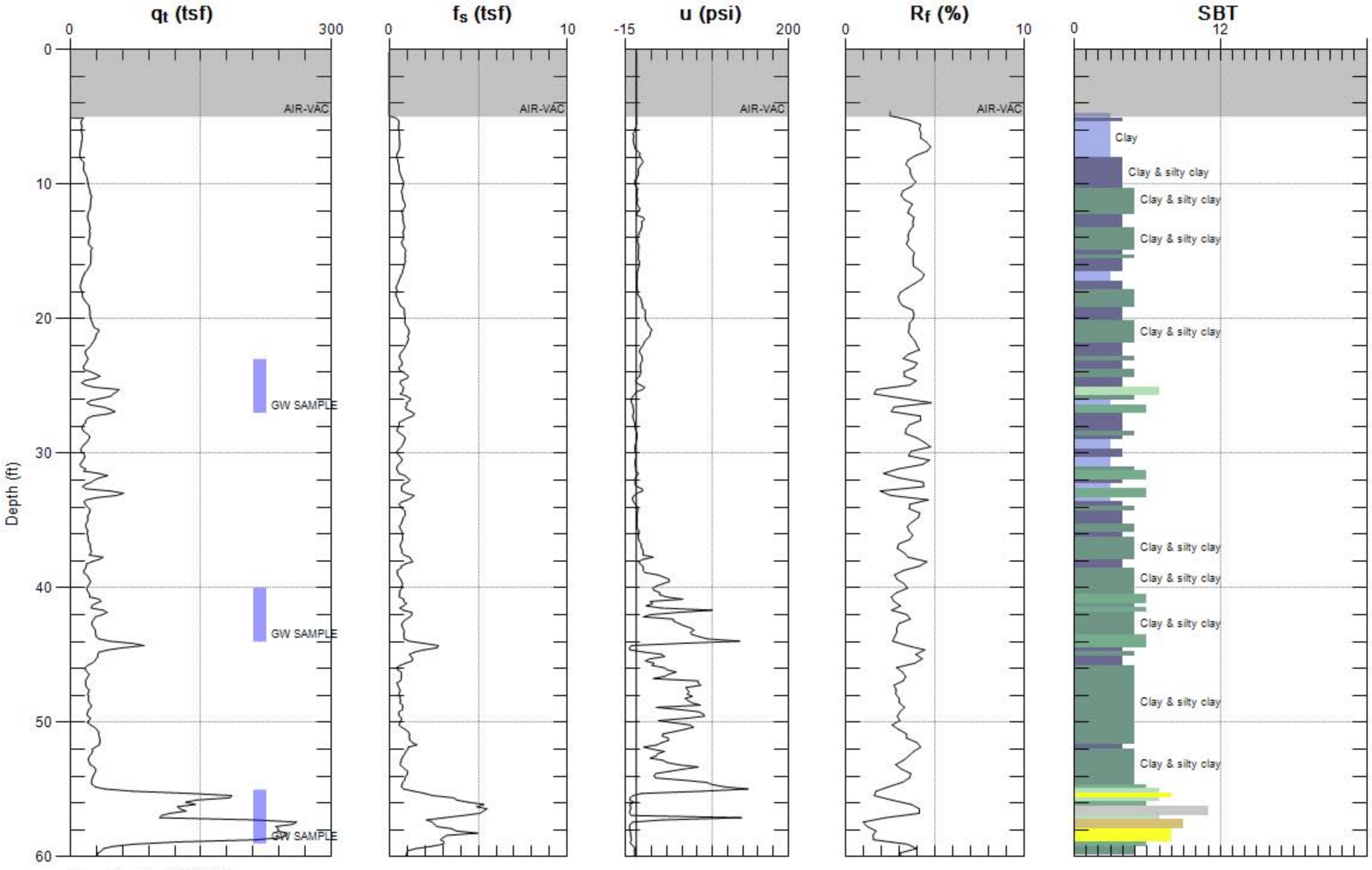
Max. Depth: 60.203 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG

CRA

Site: 4895 HACIENDA DR.
Engineer: P.SCHAEFER
Sounding: CPT-6
Date: 11/8/2012 10:50



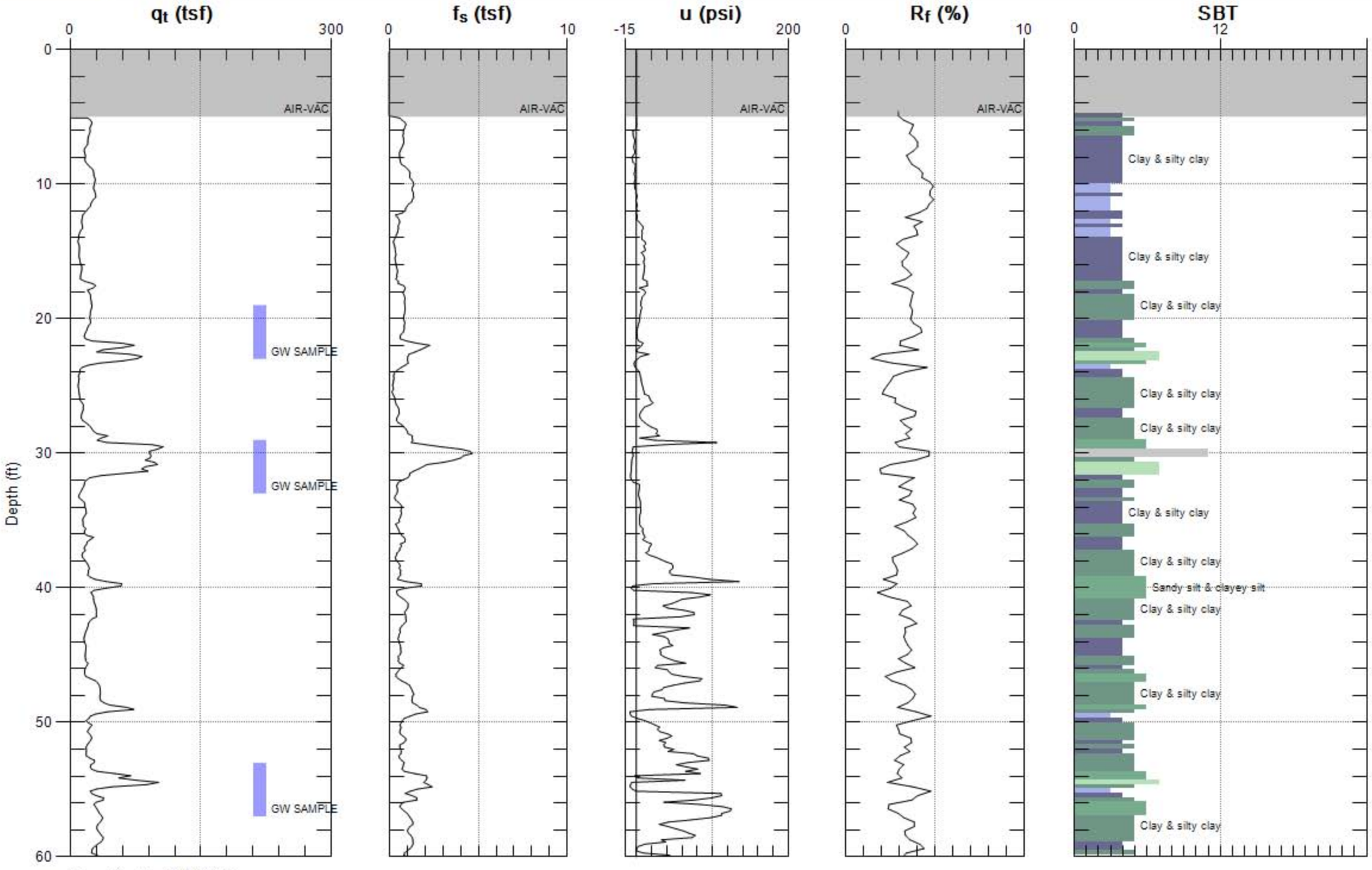
Max. Depth: 60.203 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG

CRA

Site: 4895 HACIENDA DR.
Engineer: P.SCHAEFER
Sounding: CPT-7
Date: 11/9/2012 10:24



Max. Depth: 60.203 (ft)
Avg. Interval: 0.328 (ft)

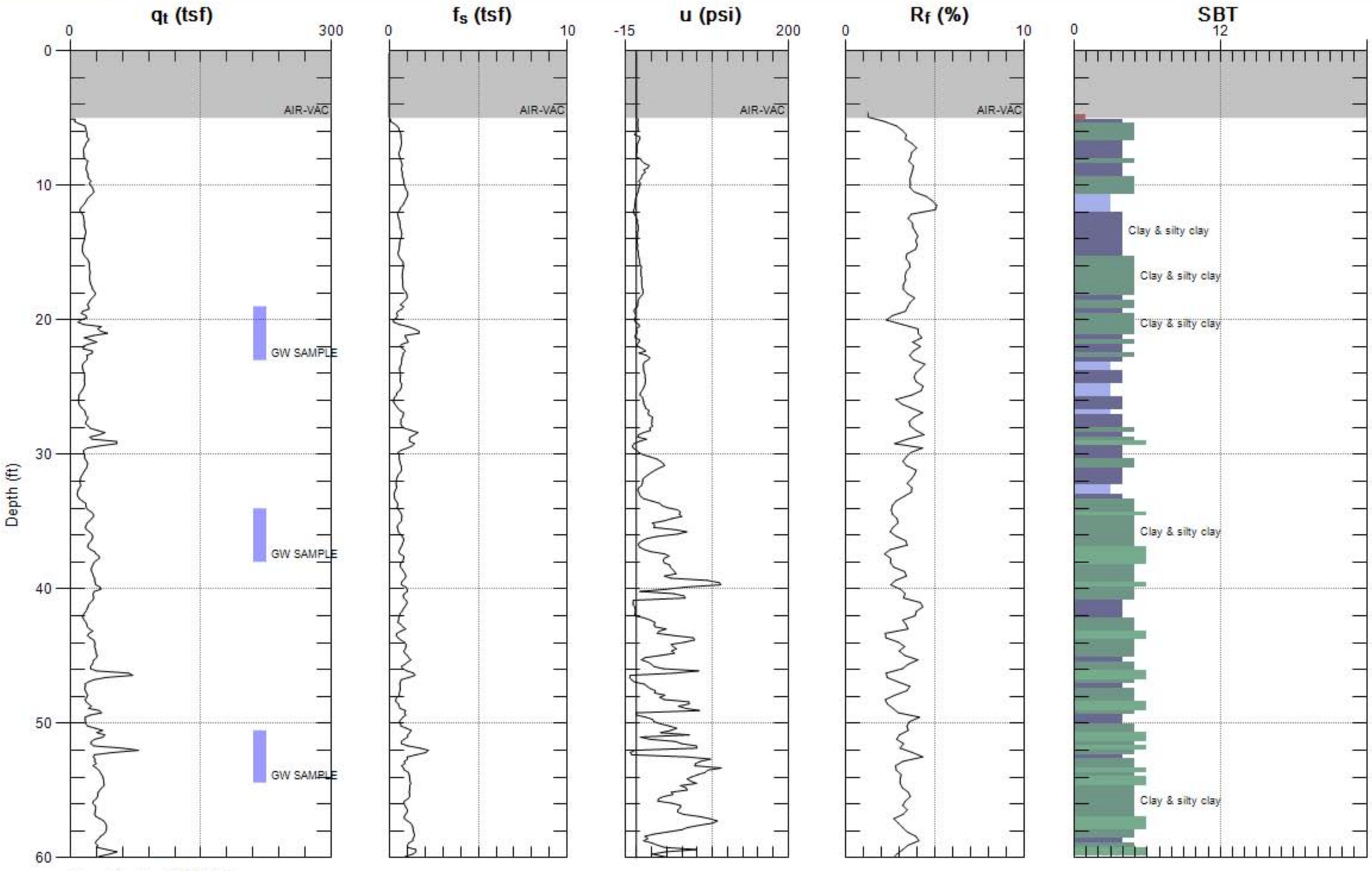
SBT: Soil Behavior Type (Robertson 1990)

GREGG

CRA

Site: 4895 HACIENDA DR.
Sounding: CPT-8

Engineer: P.SCHAEFER
Date: 11/8/2012 06:37

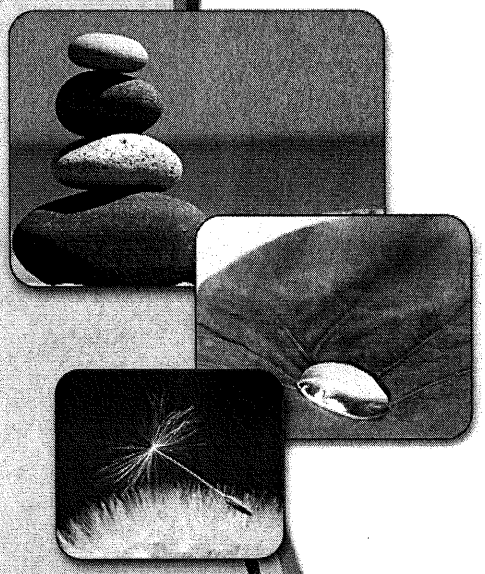


Max. Depth: 60.203 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

APPENDIX D

TESTAMERICA LABORATORIES, INC. - ANALYTICAL REPORTS



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-29300-1
Client Project/Site: 4895 Hacienda Dr., Dublin

For:
Conestoga-Rovers & Associates, Inc.
5900 Hollis Street
Suite A
Emeryville, California 94608

Attn: Peter Schaefer

Philip Sanelle

Authorized for release by:
11/26/2012 4:42:02 PM

Philip Sanelle
Project Manager I
philip.sanelle@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29300-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-29300-1	CPT-8-19'	Water	11/08/12 08:00	11/09/12 10:00
440-29300-2	CTP-8-34	Water	11/08/12 08:30	11/09/12 10:00
440-29300-3	CPT-8-50.5	Water	11/08/12 09:18	11/09/12 10:00
440-29300-4	CPT-6-23'	Water	11/08/12 12:40	11/09/12 10:00
440-29300-5	CPT-6-40	Water	11/08/12 13:15	11/09/12 10:00

Job ID: 440-29300-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-29300-1

Comments
No additional comments.

Receipt
The samples were received on 11/9/2012 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 3.0° C, 3.2° C, 3.7° C, 3.7° C and 4.6° C.

GC/MS VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 65989. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: CPT-8-19'

Lab Sample ID: 440-29300-1

Date Collected: 11/08/12 08:00
Date Received: 11/09/12 10:00

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*11/21/12 06:32*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/21/12 06:32*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/12 06:32*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 06:32	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 06:32	1
Ethanol	ND		150		ug/L			11/21/12 06:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 06:32	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 06:32	1
Methyl-t-Butyl Ether (MTBE)	**0.54**		0.50		ug/L			11/21/12 06:32	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 06:32	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 06:32	1
Toluene	ND		0.50		ug/L			11/21/12 06:32	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 06:32	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 06:32	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/21/12 06:32*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*11/21/12 06:32*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/12 06:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		11/11/12 13:58	11/13/12 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*11/11/12 13:58*	*11/13/12 22:18*	*1*

Client Sample ID: CTP-8-34

Lab Sample ID: 440-29300-2

Date Collected: 11/08/12 08:30
Date Received: 11/09/12 10:00

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*11/21/12 07:03*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/21/12 07:03*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/12 07:03*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 07:03	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 07:03	1

Client Sample ID: CTP-8-34

Lab Sample ID: 440-29300-2

Date Collected: 11/08/12 08:30
Matrix: Water
Date Received: 11/09/12 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		150		ug/L			11/21/12 07:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 07:03	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 07:03	1
Methyl-t-Butyl Ether (MTBE)	**1.0**		0.50		ug/L			11/21/12 07:03	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 07:03	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 07:03	1
Toluene	ND		0.50		ug/L			11/21/12 07:03	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 07:03	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 07:03	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/21/12 07:03*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*11/21/12 07:03*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/12 07:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		48		ug/L		11/11/12 13:58	11/13/12 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*11/11/12 13:58*	*11/13/12 22:38*	*1*

Client Sample ID: CPT-8-50.5

Lab Sample ID: 440-29300-3

Date Collected: 11/08/12 09:18
Matrix: Water
Date Received: 11/09/12 10:00

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*80 - 120*		*11/21/12 11:59*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 11:59*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*11/21/12 11:59*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 11:59	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 11:59	1
Ethanol	ND		150		ug/L			11/21/12 11:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 11:59	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 11:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 11:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 11:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 11:59	1
Toluene	ND		0.50		ug/L			11/21/12 11:59	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 11:59	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 11:59	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 11:59	1

Client Sample ID: CPT-8-50.5

Lab Sample ID: 440-29300-3

Date Collected: 11/08/12 09:18

Matrix: Water

Date Received: 11/09/12 10:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 11:59*	*1*
Dibromofluoromethane (Surr)	*114*		*80 - 120*		*11/21/12 11:59*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*11/21/12 11:59*	*1*

Client Sample ID: CPT-6-23'

Lab Sample ID: 440-29300-4

Date Collected: 11/08/12 12:40

Matrix: Water

Date Received: 11/09/12 10:00

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*11/21/12 12:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 12:27*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/21/12 12:27*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 12:27	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 12:27	1
Ethanol	ND		150		ug/L			11/21/12 12:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 12:27	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 12:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 12:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 12:27	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 12:27	1
Toluene	ND		0.50		ug/L			11/21/12 12:27	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 12:27	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 12:27	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 12:27*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*11/21/12 12:27*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/21/12 12:27*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		49		ug/L		11/11/12 13:58	11/13/12 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*11/11/12 13:58*	*11/13/12 22:58*	*1*

Client Sample ID: CPT-6-40

Lab Sample ID: 440-29300-5

Date Collected: 11/08/12 13:15

Matrix: Water

Date Received: 11/09/12 10:00

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 12:56	1

Client Sample ID: CPT-6-40
Date Collected: 11/08/12 13:15
Date Received: 11/09/12 10:00

Lab Sample ID: 440-29300-5
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*80 - 120*		*11/21/12 12:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/21/12 12:56*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/21/12 12:56*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 12:56	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 12:56	1
Ethanol	ND		150		ug/L			11/21/12 12:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 12:56	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 12:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 12:56	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 12:56	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 12:56	1
Toluene	ND		0.50		ug/L			11/21/12 12:56	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 12:56	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 12:56	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/21/12 12:56*	*1*
Dibromofluoromethane (Surr)	*117*		*80 - 120*		*11/21/12 12:56*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/21/12 12:56*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		48		ug/L		11/11/12 13:58	11/13/12 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*11/11/12 13:58*	*11/13/12 23:18*	*1*

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29300-1

Client Sample ID: CPT-8-19'

Lab Sample ID: 440-29300-1

Date Collected: 11/08/12 08:00
Date Received: 11/09/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68356	11/21/12 06:32	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68357	11/21/12 06:32	YK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1000 mL	1 mL	65989	11/11/12 13:58	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			66621	11/13/12 22:18	RR	TAL IRV

Client Sample ID: CTP-8-34

Lab Sample ID: 440-29300-2

Date Collected: 11/08/12 08:30
Date Received: 11/09/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68356	11/21/12 07:03	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68357	11/21/12 07:03	YK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	65989	11/11/12 13:58	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			66621	11/13/12 22:38	RR	TAL IRV

Client Sample ID: CPT-8-50.5

Lab Sample ID: 440-29300-3

Date Collected: 11/08/12 09:18
Date Received: 11/09/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68450	11/21/12 11:59	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68451	11/21/12 11:59	LB	TAL IRV

Client Sample ID: CPT-6-23'

Lab Sample ID: 440-29300-4

Date Collected: 11/08/12 12:40
Date Received: 11/09/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68450	11/21/12 12:27	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68451	11/21/12 12:27	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1020 mL	1 mL	65989	11/11/12 13:58	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			66621	11/13/12 22:58	RR	TAL IRV

Client Sample ID: CPT-6-40

Lab Sample ID: 440-29300-5

Date Collected: 11/08/12 13:15
Date Received: 11/09/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68450	11/21/12 12:56	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68451	11/21/12 12:56	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	65989	11/11/12 13:58	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			66621	11/13/12 23:18	RR	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29300-1

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-68356/28
Matrix: Water
Analysis Batch: 68356

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/20/12 22:23	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/20/12 22:23	1
Ethanol	ND		150		ug/L			11/20/12 22:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/20/12 22:23	1
Ethylbenzene	ND		0.50		ug/L			11/20/12 22:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/20/12 22:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/20/12 22:23	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/20/12 22:23	1
Toluene	ND		0.50		ug/L			11/20/12 22:23	1
Xylenes, Total	ND		1.0		ug/L			11/20/12 22:23	1
1,2-Dichloroethane	ND		0.50		ug/L			11/20/12 22:23	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/20/12 22:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/20/12 22:23*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*11/20/12 22:23*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/20/12 22:23*	*1*

Lab Sample ID: LCS 440-68356/5
Matrix: Water
Analysis Batch: 68356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.7		ug/L		99	70 - 120
Isopropyl Ether (DIPE)	25.0	22.2		ug/L		89	60 - 135
Ethanol	250	311		ug/L		125	40 - 155
Ethyl-t-butyl ether (ETBE)	25.0	21.3		ug/L		85	65 - 135
Ethylbenzene	25.0	24.3		ug/L		97	75 - 125
m,p-Xylene	50.0	50.7		ug/L		101	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	22.0		ug/L		88	60 - 135
o-Xylene	25.0	25.2		ug/L		101	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	23.8		ug/L		95	60 - 135
tert-Butyl alcohol (TBA)	125	126		ug/L		101	70 - 135
Toluene	25.0	25.5		ug/L		102	70 - 120
1,2-Dichloroethane	25.0	20.6		ug/L		82	60 - 140
1,2-Dibromoethane (EDB)	25.0	26.0		ug/L		104	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-29926-D-8 MS
Matrix: Water
Analysis Batch: 68356

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.4		ug/L		97	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	22.8		ug/L		91	60 - 140
Ethanol	ND		250	323		ug/L		129	40 - 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	21.9		ug/L		88	60 - 135
Ethylbenzene	ND		25.0	23.6		ug/L		94	65 - 130
m,p-Xylene	ND		50.0	47.2		ug/L		94	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.0		ug/L		92	55 - 145
o-Xylene	ND		25.0	24.2		ug/L		97	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	24.0		ug/L		96	60 - 140
tert-Butyl alcohol (TBA)	ND		125	126		ug/L		101	65 - 140
Toluene	ND		25.0	25.2		ug/L		101	70 - 125
1,2-Dichloroethane	ND		25.0	21.4		ug/L		86	60 - 140
1,2-Dibromoethane (EDB)	ND		25.0	24.9		ug/L		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-29926-D-8 MSD
Matrix: Water
Analysis Batch: 68356

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.4		ug/L		98	65 - 125	0	20
Isopropyl Ether (DIPE)	ND		25.0	22.9		ug/L		92	60 - 140	1	25
Ethanol	ND		250	313		ug/L		125	40 - 155	3	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.3		ug/L		89	60 - 135	2	25
Ethylbenzene	ND		25.0	23.5		ug/L		94	65 - 130	0	20
m,p-Xylene	ND		50.0	46.8		ug/L		94	65 - 130	1	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.2		ug/L		93	55 - 145	1	25
o-Xylene	ND		25.0	24.4		ug/L		98	65 - 125	1	20
Tert-amyl-methyl ether (TAME)	ND		25.0	24.2		ug/L		97	60 - 140	1	30
tert-Butyl alcohol (TBA)	ND		125	125		ug/L		100	65 - 140	1	25
Toluene	ND		25.0	25.4		ug/L		102	70 - 125	1	20
1,2-Dichloroethane	ND		25.0	22.1		ug/L		88	60 - 140	3	20
1,2-Dibromoethane (EDB)	ND		25.0	25.2		ug/L		101	70 - 130	2	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-68450/5
Matrix: Water
Analysis Batch: 68450

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 09:08	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 09:08	1
Ethanol	ND		150		ug/L			11/21/12 09:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 09:08	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 09:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 09:08	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 09:08	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 09:08	1
Toluene	ND		0.50		ug/L			11/21/12 09:08	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 09:08	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 09:08	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 09:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 09:08*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/21/12 09:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/21/12 09:08*	*1*

Lab Sample ID: LCS 440-68450/6
Matrix: Water
Analysis Batch: 68450

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.1		ug/L		104	70 - 120
Isopropyl Ether (DIPE)	25.0	25.3		ug/L		101	60 - 135
Ethanol	250	235		ug/L		94	40 - 155
Ethyl-t-butyl ether (ETBE)	25.0	24.8		ug/L		99	65 - 135
Ethylbenzene	25.0	24.8		ug/L		99	75 - 125
m,p-Xylene	50.0	50.8		ug/L		102	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	25.9		ug/L		103	60 - 135
o-Xylene	25.0	25.6		ug/L		102	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	25.0		ug/L		100	60 - 135
tert-Butyl alcohol (TBA)	125	142		ug/L		113	70 - 135
Toluene	25.0	26.0		ug/L		104	70 - 120
1,2-Dichloroethane	25.0	26.0		ug/L		104	60 - 140
1,2-Dibromoethane (EDB)	25.0	25.3		ug/L		101	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-29434-D-14 MS
Matrix: Water
Analysis Batch: 68450

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.6		ug/L		98	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	25.1		ug/L		100	60 - 140
Ethanol	ND		250	253		ug/L		101	40 - 155
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.4		ug/L		98	60 - 135
Ethylbenzene	ND		25.0	24.6		ug/L		98	65 - 130
m,p-Xylene	ND		50.0	49.4		ug/L		99	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.2		ug/L		101	55 - 145
o-Xylene	ND		25.0	25.1		ug/L		101	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	24.8		ug/L		99	60 - 140
tert-Butyl alcohol (TBA)	ND		125	139		ug/L		111	65 - 140
Toluene	ND		25.0	25.4		ug/L		102	70 - 125
1,2-Dichloroethane	ND		25.0	25.9		ug/L		104	60 - 140
1,2-Dibromoethane (EDB)	ND		25.0	25.4		ug/L		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*114*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-29434-D-14 MSD
Matrix: Water
Analysis Batch: 68450

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	25.4		ug/L		102	65 - 125	3	20
Isopropyl Ether (DIPE)	ND		25.0	25.2		ug/L		101	60 - 140	0	25
Ethanol	ND		250	228		ug/L		91	40 - 155	10	30
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.3		ug/L		97	60 - 135	1	25
Ethylbenzene	ND		25.0	23.1		ug/L		92	65 - 130	6	20
m,p-Xylene	ND		50.0	45.2		ug/L		90	65 - 130	9	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.3		ug/L		101	55 - 145	0	25
o-Xylene	ND		25.0	24.3		ug/L		97	65 - 125	3	20
Tert-amyl-methyl ether (TAME)	ND		25.0	25.4		ug/L		102	60 - 140	2	30
tert-Butyl alcohol (TBA)	ND		125	134		ug/L		108	65 - 140	3	25
Toluene	ND		25.0	26.2		ug/L		105	70 - 125	3	20
1,2-Dichloroethane	ND		25.0	27.1		ug/L		108	60 - 140	4	20
1,2-Dibromoethane (EDB)	ND		25.0	23.5		ug/L		94	70 - 130	8	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*80 - 120*
Toluene-d8 (Surr)	*109*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 440-68357/28
Matrix: Water
Analysis Batch: 68357

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/20/12 22:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*11/20/12 22:23*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/20/12 22:23*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/20/12 22:23*	*1*

Lab Sample ID: LCS 440-68357/6
Matrix: Water
Analysis Batch: 68357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	477		ug/L		95	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-29926-D-8 MS
Matrix: Water
Analysis Batch: 68357

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1320		ug/L		77	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-29926-D-8 MSD
Matrix: Water
Analysis Batch: 68357

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1320		ug/L		77	50 - 145	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 440-68451/5
Matrix: Water
Analysis Batch: 68451

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 09:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/21/12 09:08*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 09:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/21/12 09:08*	*1*

Lab Sample ID: LCS 440-68451/7
Matrix: Water
Analysis Batch: 68451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	589		ug/L		118	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*110*		*80 - 120*

Lab Sample ID: 440-29434-D-14 MS
Matrix: Water
Analysis Batch: 68451

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1510		ug/L		87	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*114*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-29434-D-14 MSD
Matrix: Water
Analysis Batch: 68451

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1470		ug/L		85	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*113*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*109*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Lab Sample ID: MB 440-65989/1-A
Matrix: Water
Analysis Batch: 66621

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 65989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		11/11/12 13:58	11/13/12 18:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*83*		*45 - 120*	*11/11/12 13:58*	*11/13/12 18:58*	*1*

Lab Sample ID: LCS 440-65989/2-A
Matrix: Water
Analysis Batch: 66621

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 65989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	647		ug/L		65	40 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*75*		*45 - 120*

Lab Sample ID: LCSD 440-65989/3-A
Matrix: Water
Analysis Batch: 66621

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 65989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	543		ug/L		54	40 - 115	18	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*64*		*45 - 120*

GC/MS VOA

Analysis Batch: 68356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-1	CPT-8-19'	Total/NA	Water	8260B	
440-29300-2	CTP-8-34	Total/NA	Water	8260B	
440-29926-D-8 MS	Matrix Spike	Total/NA	Water	8260B	
440-29926-D-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-68356/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-68356/28	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 68357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-1	CPT-8-19'	Total/NA	Water	8260B/CA_LUFT MS	
440-29300-2	CTP-8-34	Total/NA	Water	8260B/CA_LUFT MS	
440-29926-D-8 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-29926-D-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-68357/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-68357/28	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 68450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-3	CPT-8-50.5	Total/NA	Water	8260B	
440-29300-4	CPT-6-23'	Total/NA	Water	8260B	
440-29300-5	CPT-6-40	Total/NA	Water	8260B	
440-29434-D-14 MS	Matrix Spike	Total/NA	Water	8260B	
440-29434-D-14 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-68450/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-68450/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 68451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-3	CPT-8-50.5	Total/NA	Water	8260B/CA_LUFT MS	
440-29300-4	CPT-6-23'	Total/NA	Water	8260B/CA_LUFT MS	
440-29300-5	CPT-6-40	Total/NA	Water	8260B/CA_LUFT MS	
440-29434-D-14 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-29434-D-14 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-68451/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-68451/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 65989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-1	CPT-8-19'	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Prep Batch: 65989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-2	CTP-8-34	Silica Gel Cleanup	Water	3510C SGC	
440-29300-4	CPT-6-23'	Silica Gel Cleanup	Water	3510C SGC	
440-29300-5	CPT-6-40	Silica Gel Cleanup	Water	3510C SGC	
LCS 440-65989/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 440-65989/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 440-65989/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 66621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29300-1	CPT-8-19'	Silica Gel Cleanup	Water	8015B	65989
440-29300-2	CTP-8-34	Silica Gel Cleanup	Water	8015B	65989
440-29300-4	CPT-6-23'	Silica Gel Cleanup	Water	8015B	65989
440-29300-5	CPT-6-40	Silica Gel Cleanup	Water	8015B	65989
LCS 440-65989/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	65989
LCSD 440-65989/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	65989
MB 440-65989/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	65989

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29300-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-13

#440-29300

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☐ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☑ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☐ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☑ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER _____

Print Bill To Contact Name: Peter Shaefer 240695
INCIDENT # (ENV SERVICES) ☐ CHECK IF NO INCIDENT # APPLIES
PO # SAP #
DATE: 11/8/12
PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates	LOG CODE: CRAW	SITE ADDRESS: Street and City: 4895 Hacienda Drive, Dublin,	State: CA
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville	PHONE NO.: 510-420-3343
PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer		SAMPLER NAME(S) (Print): Cristina Arganbright	
TELEPHONE: 510-420-3319	FAX: 510-420-9170	E-MAIL: pschaefer@craworld.com	

GLOBAL ID NO.: T10000000423		
E-MAIL: shell.em.edf@craworld.com	CONSULTANT PROJECT NO.: 240695-95-12.04	
LAB USE ONLY		

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Copy of final report to Shell.Lab.Billing@craworld.com

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO w/ SGC (8015M)	TPHg (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
	CPT-8-19'	11/8	0900	Water	3			2		5	X	X					X			X	X			
	CPT-8-34	11/8	0830	Water	3			2		5	X	X					X			X	X			
	CPT-8-50.5	11/8	0910	Water	3					3	X	X					X			X	X			
	CPT-10-23'	11/8	1240	Water	3			2		5	X	X					X			X	X			
DUP	CPT-10-40'	11/8	1315	Water	3			2		5	X	X					X			X	X			

Relinquished by: (Signature)	Received by: (Signature)	Date: 11/8/12	Time: 14:00
Relinquished by: (Signature) 11-8-12 16:00	Received by: (Signature)	Date: 11/9/12	Time: 10:00
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

(CS) 4.8 3.9 3.4 3.2 3.9°

11/26/2012

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Login Sample Receipt Checklist

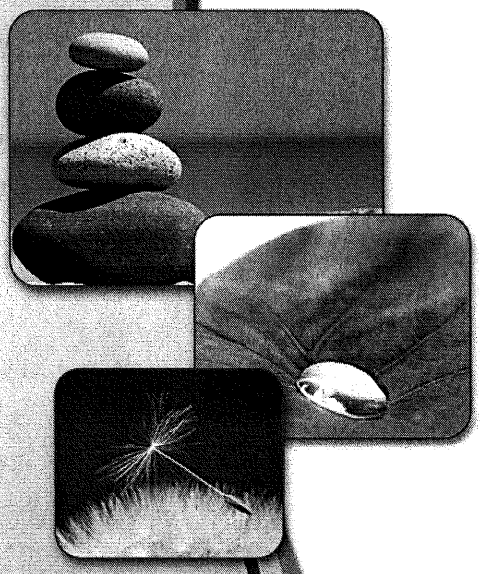
Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-29300-1

Login Number: 29300
List Number: 1
Creator: Avila, Stephanie

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Cristina Arganbright
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-29464-1
Client Project/Site: 4895 Hacienda Dr., Dublin

For:
Conestoga-Rovers & Associates, Inc.
5900 Hollis Street
Suite A
Emeryville, California 94608

Attn: Peter Schaefer

Philip Sanelle

Authorized for release by:
11/27/2012 4:17:10 PM

Philip Sanelle
Project Manager I
philip.sanelle@testamericainc.com

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29464-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-29464-1	CPT-6-55'	Water	11/08/12 13:50	11/10/12 11:15
440-29464-2	CPT-5-22'	Water	11/09/12 07:40	11/10/12 11:15
440-29464-3	CPT-5-32'	Water	11/09/12 09:25	11/10/12 11:15
440-29464-4	CPT-5-55'	Water	11/09/12 09:10	11/10/12 11:15
440-29464-5	CPT-7-19'	Water	11/09/12 12:30	11/10/12 11:15
440-29464-6	CPT-7-29'	Water	11/09/12 13:15	11/10/12 11:15
440-29464-7	CPT-7-53'	Water	11/09/12 13:45	11/10/12 11:15

Job ID: 440-29464-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-29464-1

Comments
No additional comments.

Receipt
The samples were received on 11/10/2012 11:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4° C and 2.3° C.

GC/MS VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batches 66957, 67154. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: CPT-6-55'

Lab Sample ID: 440-29464-1

Date Collected: 11/08/12 13:50
Date Received: 11/10/12 11:15

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*11/21/12 15:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 15:21*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/21/12 15:21*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 15:21	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 15:21	1
Toluene	ND		0.50		ug/L			11/21/12 15:21	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 15:21	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 15:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 15:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 15:21	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 15:21	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 15:21	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 15:21	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 15:21*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*11/21/12 15:21*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/21/12 15:21*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**54**		48		ug/L		11/15/12 06:54	11/16/12 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*73*		*45 - 120*	*11/15/12 06:54*	*11/16/12 11:18*	*1*

Client Sample ID: CPT-5-22'

Lab Sample ID: 440-29464-2

Date Collected: 11/09/12 07:40
Date Received: 11/10/12 11:15

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*11/21/12 15:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 15:48*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/21/12 15:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 15:48	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 15:48	1
Toluene	ND		0.50		ug/L			11/21/12 15:48	1

Client Sample ID: CPT-5-22'

Lab Sample ID: 440-29464-2

Date Collected: 11/09/12 07:40

Matrix: Water

Date Received: 11/10/12 11:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		1.0		ug/L			11/21/12 15:48	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 15:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 15:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 15:48	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 15:48	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 15:48	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 15:48	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 15:48*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*11/21/12 15:48*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/21/12 15:48*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	59		47		ug/L		11/15/12 06:54	11/16/12 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*59*		*45 - 120*	*11/15/12 06:54*	*11/16/12 10:58*	*1*

Client Sample ID: CPT-5-32'

Lab Sample ID: 440-29464-3

Date Collected: 11/09/12 09:25

Matrix: Water

Date Received: 11/10/12 11:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*11/21/12 16:16*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/21/12 16:16*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/21/12 16:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 16:16	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 16:16	1
Toluene	ND		0.50		ug/L			11/21/12 16:16	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 16:16	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 16:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 16:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 16:16	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 16:16	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 16:16	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 16:16	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/21/12 16:16*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*11/21/12 16:16*	*1*

Client Sample ID: CPT-5-32'

Lab Sample ID: 440-29464-3

Date Collected: 11/09/12 09:25
Matrix: Water
Date Received: 11/10/12 11:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/21/12 16:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		11/15/12 06:54	11/16/12 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*45 - 120*	*11/15/12 06:54*	*11/16/12 10:38*	*1*

Client Sample ID: CPT-5-55'

Lab Sample ID: 440-29464-4

Date Collected: 11/09/12 09:10
Matrix: Water
Date Received: 11/10/12 11:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*11/21/12 16:44*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 16:44*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/12 16:44*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 16:44	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 16:44	1
Toluene	ND		0.50		ug/L			11/21/12 16:44	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 16:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 16:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 16:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 16:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 16:44	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 16:44	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 16:44	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 16:44*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*11/21/12 16:44*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/12 16:44*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		47		ug/L		11/15/12 06:54	11/16/12 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*71*		*45 - 120*	*11/15/12 06:54*	*11/16/12 10:58*	*1*

Client Sample ID: CPT-7-19'

Lab Sample ID: 440-29464-5

Date Collected: 11/09/12 12:30

Matrix: Water

Date Received: 11/10/12 11:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/21/12 17:11*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/21/12 17:11*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/21/12 17:11*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 17:11	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 17:11	1
Toluene	ND		0.50		ug/L			11/21/12 17:11	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 17:11	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 17:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 17:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 17:11	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 17:11	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 17:11	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 17:11	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/21/12 17:11*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/21/12 17:11*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/21/12 17:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		54		ug/L		11/15/12 06:54	11/16/12 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*70*		*45 - 120*	*11/15/12 06:54*	*11/16/12 11:18*	*1*

Client Sample ID: CPT-7-29'

Lab Sample ID: 440-29464-6

Date Collected: 11/09/12 13:15

Matrix: Water

Date Received: 11/10/12 11:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*11/21/12 17:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 17:39*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/21/12 17:39*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 17:39	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 17:39	1
Toluene	ND		0.50		ug/L			11/21/12 17:39	1

Client Sample ID: CPT-7-29'

Lab Sample ID: 440-29464-6

Date Collected: 11/09/12 13:15

Matrix: Water

Date Received: 11/10/12 11:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		1.0		ug/L			11/21/12 17:39	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 17:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 17:39	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 17:39	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 17:39	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 17:39	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 17:39	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/21/12 17:39*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*11/21/12 17:39*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/21/12 17:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		11/15/12 06:54	11/16/12 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*63*		*45 - 120*	*11/15/12 06:54*	*11/16/12 11:39*	*1*

Client Sample ID: CPT-7-53'

Lab Sample ID: 440-29464-7

Date Collected: 11/09/12 13:45

Matrix: Water

Date Received: 11/10/12 11:15

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			11/21/12 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*11/21/12 18:07*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/21/12 18:07*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/21/12 18:07*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			11/21/12 18:07	1
Ethylbenzene	ND		0.50		ug/L			11/21/12 18:07	1
Toluene	ND		0.50		ug/L			11/21/12 18:07	1
Xylenes, Total	ND		1.0		ug/L			11/21/12 18:07	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			11/21/12 18:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			11/21/12 18:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/21/12 18:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			11/21/12 18:07	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/21/12 18:07	1
1,2-Dichloroethane	ND		0.50		ug/L			11/21/12 18:07	1
1,2-Dibromoethane (EDB)	ND		0.50		ug/L			11/21/12 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/21/12 18:07*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*11/21/12 18:07*	*1*

Client Sample ID: CPT-7-53'
Date Collected: 11/09/12 13:45
Date Received: 11/10/12 11:15

Lab Sample ID: 440-29464-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/21/12 18:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		49		ug/L		11/15/12 06:54	11/16/12 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*45 - 120*	*11/15/12 06:54*	*11/16/12 11:59*	*1*

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29464-1

Client Sample ID: CPT-6-55'

Lab Sample ID: 440-29464-1

Date Collected: 11/08/12 13:50
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 15:21	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 15:21	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67260	11/16/12 11:18	RR	TAL IRV

Client Sample ID: CPT-5-22'

Lab Sample ID: 440-29464-2

Date Collected: 11/09/12 07:40
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 15:48	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 15:48	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67260	11/16/12 10:58	RR	TAL IRV

Client Sample ID: CPT-5-32'

Lab Sample ID: 440-29464-3

Date Collected: 11/09/12 09:25
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 16:16	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 16:16	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1010 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67261	11/16/12 10:38	RR	TAL IRV

Client Sample ID: CPT-5-55'

Lab Sample ID: 440-29464-4

Date Collected: 11/09/12 09:10
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 16:44	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 16:44	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67261	11/16/12 10:58	RR	TAL IRV

Client Sample ID: CPT-7-19'

Lab Sample ID: 440-29464-5

Date Collected: 11/09/12 12:30
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 17:11	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 17:11	LB	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29464-1

Client Sample ID: CPT-7-19'

Lab Sample ID: 440-29464-5

Date Collected: 11/09/12 12:30
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3510C SGC			930 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67261	11/16/12 11:18	RR	TAL IRV

Client Sample ID: CPT-7-29'

Lab Sample ID: 440-29464-6

Date Collected: 11/09/12 13:15
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 17:39	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 17:39	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1010 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67261	11/16/12 11:39	RR	TAL IRV

Client Sample ID: CPT-7-53'

Lab Sample ID: 440-29464-7

Date Collected: 11/09/12 13:45
Matrix: Water
Date Received: 11/10/12 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	68444	11/21/12 18:07	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	68445	11/21/12 18:07	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1020 mL	1 mL	66957	11/15/12 06:54	AB	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			67261	11/16/12 11:59	RR	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-68444/4
Matrix: Water
Analysis Batch: 68444

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			11/21/12 08:37	1
Ethylbenzene	ND		1.0		ug/L			11/21/12 08:37	1
Toluene	ND		1.0		ug/L			11/21/12 08:37	1
Xylenes, Total	ND		2.0		ug/L			11/21/12 08:37	1
Isopropyl Ether (DIPE)	ND		1.0		ug/L			11/21/12 08:37	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/L			11/21/12 08:37	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			11/21/12 08:37	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/L			11/21/12 08:37	1
tert-Butyl alcohol (TBA)	ND		20		ug/L			11/21/12 08:37	1
1,2-Dichloroethane	ND		1.0		ug/L			11/21/12 08:37	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			11/21/12 08:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 08:37*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*11/21/12 08:37*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/21/12 08:37*	*1*

Lab Sample ID: LCS 440-68444/5
Matrix: Water
Analysis Batch: 68444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.9		ug/L		100	70 - 120
Ethylbenzene	25.0	25.5		ug/L		102	75 - 125
Toluene	25.0	26.7		ug/L		107	70 - 120
Isopropyl Ether (DIPE)	25.0	26.8		ug/L		107	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	26.7		ug/L		107	65 - 135
Methyl-t-Butyl Ether (MTBE)	25.0	27.7		ug/L		111	60 - 135
Tert-amyl-methyl ether (TAME)	25.0	26.8		ug/L		107	60 - 135
tert-Butyl alcohol (TBA)	125	135		ug/L		108	70 - 135
1,2-Dichloroethane	25.0	27.9		ug/L		112	60 - 140
1,2-Dibromoethane (EDB)	25.0	26.5		ug/L		106	75 - 125
m,p-Xylene	50.0	52.5		ug/L		105	75 - 125
o-Xylene	25.0	26.9		ug/L		108	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-29926-A-7 MS
Matrix: Water
Analysis Batch: 68444

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.3		ug/L		97	65 - 125
Ethylbenzene	ND		25.0	25.8		ug/L		103	65 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-29926-A-7 MS
Matrix: Water
Analysis Batch: 68444

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		25.0	25.9		ug/L		103	70 - 125
Isopropyl Ether (DIPE)	ND		25.0	25.5		ug/L		102	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	25.4		ug/L		102	60 - 135
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.6		ug/L		102	55 - 145
Tert-amyl-methyl ether (TAME)	ND		25.0	24.9		ug/L		100	60 - 140
tert-Butyl alcohol (TBA)	ND		125	136		ug/L		109	65 - 140
1,2-Dichloroethane	ND		25.0	26.4		ug/L		106	60 - 140
1,2-Dibromoethane (EDB)	ND		25.0	25.7		ug/L		103	70 - 130
m,p-Xylene	ND		50.0	52.2		ug/L		104	65 - 130
o-Xylene	ND		25.0	26.8		ug/L		107	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-29926-A-7 MSD
Matrix: Water
Analysis Batch: 68444

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	25.0		ug/L		100	65 - 125	3	20
Ethylbenzene	ND		25.0	26.3		ug/L		105	65 - 130	2	20
Toluene	ND		25.0	26.9		ug/L		107	70 - 125	4	20
Isopropyl Ether (DIPE)	ND		25.0	26.6		ug/L		106	60 - 140	4	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	26.2		ug/L		105	60 - 135	3	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.5		ug/L		106	55 - 145	4	25
Tert-amyl-methyl ether (TAME)	ND		25.0	26.9		ug/L		108	60 - 140	8	30
tert-Butyl alcohol (TBA)	ND		125	134		ug/L		108	65 - 140	1	25
1,2-Dichloroethane	ND		25.0	26.6		ug/L		106	60 - 140	1	20
1,2-Dibromoethane (EDB)	ND		25.0	26.4		ug/L		106	70 - 130	3	25
m,p-Xylene	ND		50.0	53.6		ug/L		107	65 - 130	3	25
o-Xylene	ND		25.0	27.8		ug/L		111	65 - 125	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 440-68445/4
Matrix: Water
Analysis Batch: 68445

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		100		ug/L			11/21/12 08:37	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 440-68445/4
Matrix: Water
Analysis Batch: 68445

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*11/21/12 08:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/21/12 08:37*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/21/12 08:37*	*1*

Lab Sample ID: LCS 440-68445/6
Matrix: Water
Analysis Batch: 68445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	506		ug/L		101	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: 440-29926-A-7 MS
Matrix: Water
Analysis Batch: 68445

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1280		ug/L		74	50 - 145

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-29926-A-7 MSD
Matrix: Water
Analysis Batch: 68445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1320		ug/L		76	50 - 145	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*107*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Lab Sample ID: MB 440-66957/1-A
Matrix: Water
Analysis Batch: 67260

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 66957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		11/15/12 06:54	11/16/12 08:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*11/15/12 06:54*	*11/16/12 08:56*	*1*

Lab Sample ID: LCS 440-66957/2-A
Matrix: Water
Analysis Batch: 67260

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 66957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	686		ug/L		69	40 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*76*		*45 - 120*

Lab Sample ID: LCSD 440-66957/3-A
Matrix: Water
Analysis Batch: 67260

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 66957

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	688		ug/L		69	40 - 115	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*75*		*45 - 120*

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29464-1

GC/MS VOA

Analysis Batch: 68444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29464-1	CPT-6-55'	Total/NA	Water	8260B	
440-29464-2	CPT-5-22'	Total/NA	Water	8260B	
440-29464-3	CPT-5-32'	Total/NA	Water	8260B	
440-29464-4	CPT-5-55'	Total/NA	Water	8260B	
440-29464-5	CPT-7-19'	Total/NA	Water	8260B	
440-29464-6	CPT-7-29'	Total/NA	Water	8260B	
440-29464-7	CPT-7-53'	Total/NA	Water	8260B	
440-29926-A-7 MS	Matrix Spike	Total/NA	Water	8260B	
440-29926-A-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-68444/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-68444/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 68445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29464-1	CPT-6-55'	Total/NA	Water	8260B/CA_LUFT MS	
440-29464-2	CPT-5-22'	Total/NA	Water	8260B/CA_LUFT MS	
440-29464-3	CPT-5-32'	Total/NA	Water	8260B/CA_LUFT MS	
440-29464-4	CPT-5-55'	Total/NA	Water	8260B/CA_LUFT MS	
440-29464-5	CPT-7-19'	Total/NA	Water	8260B/CA_LUFT MS	
440-29464-6	CPT-7-29'	Total/NA	Water	8260B/CA_LUFT MS	
440-29464-7	CPT-7-53'	Total/NA	Water	8260B/CA_LUFT MS	
440-29926-A-7 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-29926-A-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-68445/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-68445/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 66957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29464-1	CPT-6-55'	Silica Gel Cleanup	Water	3510C SGC	
440-29464-2	CPT-5-22'	Silica Gel Cleanup	Water	3510C SGC	
440-29464-3	CPT-5-32'	Silica Gel Cleanup	Water	3510C SGC	
440-29464-4	CPT-5-55'	Silica Gel Cleanup	Water	3510C SGC	
440-29464-5	CPT-7-19'	Silica Gel Cleanup	Water	3510C SGC	
440-29464-6	CPT-7-29'	Silica Gel Cleanup	Water	3510C SGC	
440-29464-7	CPT-7-53'	Silica Gel Cleanup	Water	3510C SGC	
LCS 440-66957/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 440-66957/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 440-66957/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Analysis Batch: 67260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29464-1	CPT-6-55'	Silica Gel Cleanup	Water	8015B	66957
440-29464-2	CPT-5-22'	Silica Gel Cleanup	Water	8015B	66957
LCS 440-66957/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	66957
LCSD 440-66957/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	66957
MB 440-66957/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	66957

Analysis Batch: 67261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-29464-3	CPT-5-32'	Silica Gel Cleanup	Water	8015B	66957
440-29464-4	CPT-5-55'	Silica Gel Cleanup	Water	8015B	66957
440-29464-5	CPT-7-19'	Silica Gel Cleanup	Water	8015B	66957
440-29464-6	CPT-7-29'	Silica Gel Cleanup	Water	8015B	66957
440-29464-7	CPT-7-53'	Silica Gel Cleanup	Water	8015B	66957

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 4895 Hacienda Dr., Dublin

TestAmerica Job ID: 440-29464-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-13

Shell Oil Products Chain Of Custody Record 440-29464

LAB (LOCATION)
- ☐ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☑ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☐ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☑ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Peter Shaefer 240695
PO #:
INCIDENT # (ENV SERVICES): ☐ CHECK IF NO INCIDENT # APPLIES
SAP #:
DATE: 11/9/12
PAGE: 1 of 1

SAMPLING COMPANY: Conestoga-Rovers & Associates	LOG CODE: CRAW	SITE ADDRESS: Street and City: 4895 Hacienda Drive, Dublin,	State: CA
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville	PHONE NO.: 510-420-3343
PROJECT CONTACT (Hardcopy or PDF Report to): Peter Schaefer			
TELEPHONE: 510-420-3319	FAX: 510-420-9170	E-MAIL: pschaefer@craworld.com	

GLOBAL ID NO.: T10000000423
E-MAIL: shell.em.edf@craworld.com
CONSULTANT PROJECT NO.: 240695-95-12.04
SAMPLER NAME(S) (Print): Cristina Arganbright
LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Copy of final report to Shell.Lab.Billing@craworld.com

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO w/ SGC (8015M)	TPHg (8015M)	BTEX (5260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
	CPT-6-55'	11/6	1300	Water	3			2		5	X	X					X			X	X			
	CPT-5-22'	11/9	0740	Water	3			2		5	X	X					X			X	X			
	CPT-5-32'	11/9	0915	Water	3			2		5	X	X					X			X	X			
	CPT-5-55'	11/9	0940	Water	3			2		5	X	X					X			X	X			
	CPT-7-19'	11/9	1230	Water	3			2		5	X	X					X			X	X			
	CPT-7-29'	11/9	1315	Water	3			2		5	X	X					X			X	X			
	CPT-7-53'	11/9	1345	Water	3			2		5	X	X					X			X	X			

Relinquished by: (Signature)	Received by: (Signature)	Date: 11/9/12	Time: 1540
Relinquished by: (Signature) 11-9-12 1645	Received by: (Signature)	Date: 11/10/12	Time: 11:45
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

2.5; 1.4;

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14/27/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-29464-1

Login Number: 29464
List Number: 1
Creator: Freitag, Kevin R

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Cristina Arganbright
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	