



**ABF FREIGHT SYSTEM, INC.**  
P.O. Box 10048  
Fort Smith, AR 72917-0048  
479-785-8700

abf.com

July 27, 2012

Mr. Mark Detterman, RG, CEG  
Senior Hazardous Materials Specialist  
Alameda County Environmental Health Department  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Re: **Perjury Statement-**  
***Soil and Groundwater Investigation Work Plan Addendum***  
ABF Freight System Facility (SLIC Case No. RO#0003033)  
4575 Tidewater Avenue  
Oakland, California

Dear Mr. Detterman:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached document or report are true and correct to the best of my knowledge.

Sincerely,

Michael K. Rogers  
Director, Real Estate  
Arkansas Best Corporation

**RECEIVED**

**11:27 am, Jul 31, 2012**

Alameda County  
Environmental Health





July 27, 2012  
Project 154.004.005

Mr. Mark Detterman, RG, CEG  
Senior Hazardous Materials Specialist  
Alameda County Environmental Health Department  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Re: *Soil, Groundwater and Sub-Slab Vapor Investigation Data Package*  
ABF Freight System Facility  
4575 Tidewater Avenue  
Oakland, California

Dear Mr. Detterman:

This letter, prepared by Trinity Source Group, Inc. (Trinity) on behalf of ABF Freight System, Inc. (ABF), presents a *Soil, Groundwater and Sub-Slab Vapor Investigation Data Package (Data Package)* for the referenced site (Figures 1 and 2). This *Data Package* was requested by Alameda County Environmental Health Department (ACEH) in a letter dated January 27, 2012, and was included as a scope item in the *Soil and Groundwater Investigation Work Plan Addendum (Work Plan Addendum)* for the site, submitted by Trinity on March 6, 2012.

## **SCOPE OF WORK**

Trinity has completed the Phase I Investigation as described in the *Work Plan Addendum*.

The Phase I investigation scope of work included drilling and sampling six source area borings (B-1 through B-6) to delineate vertical impacts at each of the former UST locations and five borings (B-7 through B-11) around the perimeter of the former UST area. These borings were advanced to depths of 15 to 25 feet below ground surface (bgs) and grab-groundwater samples were collected. The soil boring locations are shown on Figure 3. The boring logs are included in Attachment B.

Additionally two sub-slab vapor probes (SVP-1 and SVP-2) were installed and sampled inside the existing maintenance building. The locations of the sub-slab vapor probes are shown on Figure 3.

## **Laboratory Analysis**

A total of 24 soil samples and eight grab-groundwater samples were submitted under chain-of-custody to ESC Lab Sciences of Mt. Juliet, Tennessee (NELAP#-1157CA) for the following analyses:

- All soil and groundwater samples were submitted with requests to analyze for:
  - Total petroleum hydrocarbons as gasoline (TPHg), TPH as diesel (TPHd) with Silica Gel Cleanup, and TPH as motor oil (TPHmo) by EPA Method 8015. Silica gel cleanup was applied for the TPHd and TPHmo analyses.
  - Benzene, toluene, ethylbenzene, and xylenes (BTEX), by EPA Method 8260
  - Methyl tert-butyl ether (MTBE), tert-butanol (TBA), diisopropyl ether (DIPE), ethyl tert butyl ether (ETBE), and tert amyl methyl ether (TAME), and for ethylene dibromide (EDB), ethylene dichloride (EDC) and naphthalene by EPA Method 8260.
- The soil samples from the former waste oil UST area (SB-6) were also analyzed for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270C SIM, for chlorinated volatile organic compounds (HVOCs) by EPA Method 8260 (8010 list), and for the metals cadmium, chromium, nickel, lead and zinc by EPA Method 6020/200.8.
- The laboratory reported the full list of VOCs for all samples, rather than the limited lists requested, at no additional charge to the client.

Sub-slab vapor samples were submitted under chain-of-custody protocol to McCampbell Analytical, Incorporated, of Pittsburg, California (ELAP #1644). These samples were analyzed for the following:

- TPHg, and VOCs by EPA Methods TO-3 and TO-15 with low detection limits requested. In addition, naphthalene was sampled and analyzed by TO-17. Helium (the leak test compound) was analyzed by Method ASTM-1946D, along with, oxygen, methane and carbon dioxide.

All soil, groundwater and sub-slab vapor samples were analyzed within the specified hold times for the analyses proposed, with the exception of the TPHd and TPHmo analyses for Boring B-6 at 9 feet and 17 feet. These were initially overlooked by the laboratory and were analyzed after the hold time expired. Certified analytical laboratory reports are presented in Attachment B.

### **Soil Analytical Data**

The soil analytical data described below is presented in Table 1, and TPHg, TPHd, and benzene analytical results are summarized on Figure 4.

- TPHg was only detected in Boring B-3 at 9 feet at a concentration of 6.0 milligrams per kilogram (mg/kg).
- TPHd was reported in 23 soil samples with the highest detection of 520 mg/kg in Boring B-4 at a depth of 4 feet below grade. Other than that sample, the maximum TPHd concentration was 85 mg/kg, in Boring B-3 at a depth of 9 feet.
- Naphthalene was detected in four samples, with a maximum detected concentration of 0.0079 mg/kg in Boring B-6 at 9 feet.

- Metals were detected in both samples submitted from Boring B-6, all at concentrations less than ESLs.
- All reported detections were below ESLs for non-drinking water, commercial property use in shallow and deep soils, with the exception of the TPHd concentration of 520 mg/kg in Boring B-4.

### **Grab-Groundwater Analytical Data**

The grab-groundwater analytical data described below is presented in Table 2, and summarized on Figure 5.

- TPHg was detected in four grab-groundwater samples ranging between 59 micrograms per liter ( $\mu\text{g/L}$ ) in Boring B-10 and 490  $\mu\text{g/L}$  in Boring B-3.
- TPHd was detected in eight grab-groundwater samples ranging between 140  $\mu\text{g/L}$  in Boring B-6 and 2,400  $\mu\text{g/L}$  in Boring B-10.
- Naphthalene was detected in three samples ranging between 1.6 in  $\mu\text{g/L}$  in Boring B-8 and 13  $\mu\text{g/L}$  in Boring B-3.
- Several of the reported detections for TPHg and TPHd exceeded ESLs; however, no other compounds exceeded ESLs for non-drinking water source for a commercial property.

### **Sub-Slab Vapor Analytical Data**

The sub-slab vapor analytical data described below is presented in Table 3.

- TPHg was detected in one of the sub-slab vapor samples at a concentration of 1,900  $\mu\text{g/m}^3$  in SVP-2. The detected concentration of gasoline is above the ESL for attenuated indoor air of 280  $\mu\text{g/m}^3$ .
- PCE was detected in both of the sub-slab vapor samples at concentrations of 60  $\mu\text{g/m}^3$  in SVP-1 and 530  $\mu\text{g/m}^3$  in SVP-2. The detected concentration of PCE is above the ESL for attenuated indoor air of 13.8  $\mu\text{g/m}^3$ .
- Benzene was reported in SVP-2 at a concentration of 2.9  $\mu\text{g/m}^3$ , which is above the ESL for attenuated indoor air of 2.8  $\mu\text{g/m}^3$ .
- 1,1,2-trichloroethane (1,1,2-TCA) was detected in SVP-2 at a concentration of 38  $\mu\text{g/m}^3$ , which is above the ESL for attenuated indoor air of 5.2  $\mu\text{g/m}^3$ .
- Naphthalene was reported in SVP-2 at a concentration of 3.4  $\mu\text{g/m}^3$ , which is above the ESL for attenuated indoor air of 2.4  $\mu\text{g/m}^3$ .
- Probe SVP-2 was reported to have various other compounds at low concentrations, as listed on Table 3.
- All reported detections were below ESLs for attenuated indoor air unless noted.

## Data Evaluation and Recommendations

The soil and grab-groundwater data collected thus far indicates generally non-detectable or low concentrations of all compounds analyzed, other than TPHg and TPHd. Accordingly, Trinity recommends limiting future soil and groundwater analyses to TPHg and TPHd.

Trinity recommends installing two groundwater monitoring wells at locations generally east of the former USTs, at the locations shown on Figure 6. The wells will be installed as 2-inch diameter PVC wells completed to an estimated depth of 10 to 12 feet, with an estimated 5 to 7-foot screened section. Groundwater elevation measurements from these and the existing Wells MW-1 and MW-2 will provide groundwater flow direction data to further evaluate the residual TPH plume in the area.

The sub-slab vapor data indicated slightly elevated concentrations of several compounds at Probe SVP-2. Other than TPHg, PCE, 1,1,2-TCA, benzene and naphthalene, the concentrations in sub-slab vapor did not exceed ESLs. It should be noted that the full-scan VOC analysis reported for soil and grab-groundwater samples did not detect PCE or 1,1,2-TCA in soil or groundwater. Therefore, these detections in sub-slab vapor may be unrelated to the former USTs at the site. In order to provide multiple lines of evidence regarding sub-slab vapor concentrations, these probes should be re-sampled approximately six months after the initial sampling, in December 2012.

Should you have any questions regarding this letter, please call Trinity at (831) 426-5600.

Sincerely,

### TRINITY SOURCE GROUP, INC.

Information, conclusions, and recommendations made by Trinity in this document regarding this site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.



Debra J. Moser, PG, CEG, CHG  
Senior Geologist

Attachments:

Table 1:	Soil Analytical Data
Table 2:	Grab-Groundwater Analytical Data
Table 3:	Sub-Slab Vapor Analytical Data
Figure 1:	Historical Creek Boundary and Site Location Map
Figure 2:	Site Map
Figure 3:	Soil Boring and Sub-Slab Vapor Probe Location Map
Figure 4:	Soil Analytical Data Map
Figure 5:	Shallow Grab-Groundwater Analytical Data Map
Figure 6:	Proposed Monitoring Well Location Map
Attachment A:	Boring Logs
Attachment B:	Certified Analytical Reports

## DISTRIBUTION

A copy of this report has been forwarded to:

Mr. Mike Rogers  
ABF Freight System, Inc.  
3801 Old Greenwood Road  
Fort Smith, AR 72903

Leroy Griffin  
Oakland Fire Department  
250 Frank H. Ogawa Plaza, Ste. 3341  
Oakland, CA 94612-2032  
(sent via email to lgriffin@oaklandnet.com)

# **TABLES**

**Table 1  
Soil Analytical Data**

ABF Freight Systems Facility  
4575 Tidewater Avenue  
Oakland, California

Sample ID#	Sample Date	Sample Depth (ft)	TPHg (mg/kg)	Diesel Range Organics*		Total TPHd (mg/kg)	TPHmo C32-C40 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (Total) (mg/kg)	Naphthalene (mg/kg)	TBA, DIPE, ETBE, TAME, EDB, EDC (mg/kg)	PAHs (mg/kg)
				C10-C22 (mg/kg)	C22-C32 (mg/kg)									
B-1	5/22/2012	4	<0.60	5.6 <sup>d</sup>	<4.8	5.6	<4.8	<0.0060	<0.030	<0.0060	<0.018	<0.030	ND	NA
B-1	5/22/2012	14	<0.93	15	13	28	<7.4	<0.0093	<0.046	<0.0093	<0.028	<0.046	ND	NA
B-2	5/21/2012	5	<0.60	11 <sup>c,d</sup>	5.1 <sup>e</sup>	16.1	<4.8	<0.0060	<0.030	<0.0060	<0.018	<0.030	ND	NA
B-2	5/21/2012	15	<1.0	14 <sup>d</sup>	14 <sup>e</sup>	28	<8.1	<0.010	<0.050	<0.010	<0.030	<0.050	ND	NA
B-3	5/22/2012	9	6.0	71	14	85	2.2 <sup>a</sup>	<0.0059	<0.030	<0.0059	<0.018	<0.030	ND	NA
B-3	5/22/2012	15	<0.99	4.2 <sup>a</sup>	<8.0	4.2	<8.0	<0.0099	0.0034 <sup>a</sup>	<0.0099	<0.030	<0.050	ND	NA
B-3	5/22/2012	19	<0.84	3.0 <sup>a</sup>	<6.7	3.0	<6.7	<0.0084	<0.042	<0.0084	<0.025	<0.042	ND	NA
B-4	5/21/2012	4	<0.62	180	340	520	140	<0.0062	<0.031	<0.0062	<0.018	<0.031	ND	NA
B-4	5/21/2012	12	<0.72	23 <sup>d</sup>	2.4 <sup>a</sup>	25.4	<5.8	<0.0072	<0.036	0.017	0.0034 <sup>a</sup>	0.0052 <sup>a</sup>	ND	NA
B-4	5/21/2012	15	<1.0	16 <sup>d</sup>	14 <sup>e</sup>	30	<8.0	<0.010	<0.050	<0.010	<0.030	0.0076 <sup>a</sup>	ND	NA
B-4	5/21/2012	25	<0.60	3.0 <sup>a</sup>	<4.8	3.0	<4.8	<0.0060	<0.030	<0.0060	<0.018	<0.030	ND	NA
B-5	5/21/2012	10	<0.94	4.1 <sup>a</sup>	<7.5	4.1	3.7 <sup>a</sup>	<0.0094	<0.047	<0.0094	<0.028	<0.047	ND	NA
B-6	5/21/2012	9	<3.6	<5.8 <sup>b</sup>	<5.8 <sup>b</sup>	<5.8	<5.8 <sup>b</sup>	<0.0073	<0.036	<0.0073	<0.022	<0.036 (EPA Method 8270C) 0.0079 (EPA Method 8260B)	ND	Benzo(a)anthracene = 0.0022 Benzo(a)pyrene = 0.0012 Fluoranthene = 0.0030 Fluorene = 0.0013 Phenanthrene = 0.0033 Pyrene = 0.0032 1-Methylnaphthalene = 0.0026 2-Methylnaphthalene = 0.0035 "a" note on all of the above
B-6	5/21/2012	17	<4.6	2.8 <sup>a,b</sup>	<7.4 <sup>b</sup>	2.8	<7.4 <sup>b</sup>	<0.0092	<0.046	<0.0092	<0.028	<0.046 (EPA Method 8270C) 0.0040 (EPA Method 8260B)	ND	Anthracene = 0.0017 Phenanthrene = 0.0044 Pyrene = 0.0020 2-Methylnaphthalene = 0.0024 "a" note on all of the above



**Table 1  
Soil Analytical Data**

ABF Freight Systems Facility  
4575 Tidewater Avenue  
Oakland, California

Sample ID#	Sample Date	Sample Depth (ft)	TPHg (mg/kg)	Diesel Range Organics*		Total TPHd (mg/kg)	TPHmo C32-C40 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (Total) (mg/kg)	Naphthalene (mg/kg)	TBA, DIPE, ETBE, TAME, EDB, EDC (mg/kg)	PAHs (mg/kg)
				C10-C22 (mg/kg)	C22-C32 (mg/kg)									
B-7	5/21/2012	12	<0.66	5.5	<5.2	5.5	<5.2	<0.0066	<0.033	<0.0066	<0.020	<0.033	TBA = 0.094	NA
B-7	5/21/2012	15	<0.99	10 <sup>d</sup>	<7.9	10	<7.9	<0.0099	<0.050	<0.0099	<0.030	<0.050		NA
B-8	5/21/2012	10	<0.85	5.3 <sup>a</sup>	<6.8	5.3	<6.8	<0.0085	<0.042	<0.0085	<0.026	<0.042	ND	NA
B-8	5/21/2012	15	<0.96	6.9 <sup>a,d</sup>	4.0 <sup>a</sup>	10.9	<7.7	<0.0096	<0.048	<0.0096	<0.029	<0.048	ND	NA
B-9	5/22/2012	7	<0.74	25	6.4	31.4	<5.9	<0.0074	<0.037	<0.0074	<0.022	<0.037	ND	NA
B-9	5/22/2012	15	<0.98	2.5 <sup>a</sup>	<7.8	2.5	<7.8	<0.0098	0.0041 <sup>a</sup>	<0.0098	0.010 <sup>a</sup>	<0.049	ND	NA
B-10	5/21/2012	4	<0.60	11 <sup>d</sup>	3.3 <sup>a</sup>	14.3	<4.8	<0.0060	<0.030	<0.0060	<0.018	<0.030	ND	NA
B-10	5/21/2012	15	<0.92	4.8 <sup>a</sup>	<7.3	4.8	<7.3	<0.0092	<0.046	<0.0092	<0.027	<0.046	ND	NA
B-11	5/22/2012	8	<0.68	3.3 <sup>a</sup>	<5.5	3.3	<5.5	<0.0068	<0.034	<0.0068	<0.020	<0.034	ND	NA
B-11	5/22/2012	15	<0.96	5.4 <sup>a</sup>	<7.7	5.4	<7.7	<0.0096	<0.048	<0.0096	<0.29	<0.048	ND	NA

SFRWQCB ESLs (mg/kg) Non-Drinking Water Source Commercial Property Use - Shallow Soils					
180	0.27	9.3	4.7	11.3	2.8
SFRWQCB ESLs (mg/kg) Non-Drinking Water Source Commercial Property Use - Deep Soils					
180	2.04	9.3	4.70	11.30	4.80

**Metals**

Well ID#	Sample Date	Cd (mg/kg)	Cr (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
B-6 @ 17'	5/21/2012	<0.040	96	76	76
B-6 @ 9'	5/21/2012	<0.040	79	93	51
ESL - Shallow Soil		7.4	2,500	150	600
ESL - Deep Soil		3.9	5,000	260	5,000

**Table 1  
Soil Analytical Data**

ABF Freight Systems Facility  
4575 Tidewater Avenue  
Oakland, California

Sample ID#	Sample Date	Sample Depth (ft)	TPHg (mg/kg)	Diesel Range Organics*		Total TPHd (mg/kg)	TPHmo C32-C40 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (Total) (mg/kg)	Naphthalene (mg/kg)	TBA, DIPE, ETBE, TAME, EDB, EDC (mg/kg)	PAHs (mg/kg)
				C10-C22 (mg/kg)	C22-C32 (mg/kg)									
<b>Notes:</b>														
* = Silica gel cleanup was completed on diesel-range organics analysis														
TPH = Total Petroleum Hydrocarbons														
ft = feet														
< = less than indicated detection level														
mg/kg milligrams per kilogram														
ND = Not Detected														
TPHg = Total Petroleum Hydrocarbons - Gasoline														
TPHd = Total Petroleum Hydrocarbons - Diesel (sum of laboratory-reported C10-C22 and C-22-C32 organics concentrations)														
TPHmo = Total Petroleum Hydrocarbons - Motor Oil Range (C32-C40)														
MTBE = Methyl Tertiary-Butyl Ether														
TBA = Tert butyl alcohol														
DIPE = Di-isopropyl ether														
ETBE = Ethyl tert-butyl ether														
TAME = Tert amyl methyl ether														
EDB = 1,2-Dibromoethane														
EDC = 1,2-Dichloroethane														
VOC = Volatile Organic Compound														
PAH = Polycyclic Aromatic Hydrocarbons														
a = The lab noted, estimated value below the lower calibration point. Confidence correlates with concentration.														
b = Sample analyzed after hold time due to laboratory error														
c = The lab noted, the sample matrix interfered with the ability to make any accurate determination; spike value is low.														
d = The lab noted, this sample has responded in the Diesel range, however it does not appear to be a hydrocarbon product.														
e = The lab noted, this sample has responded in the Oil range, however it does not appear to be a hydrocarbon product.														
Cd = Cadmium														
Cr = Chromium														
Pb = Lead														
Ni = Nickel														
Zn = Zinc														
ESL = Environmental Screening Level														
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board, California EPA, <a href="http://www.waterboards.ca.gov/sanfranciscobay/esl.htm">http://www.waterboards.ca.gov/sanfranciscobay/esl.htm</a> .														

**Table 2**  
**Grab-Groundwater Analytical Data**

ABF Freight Systems Facility  
4575 Tidewater Avenue  
Oakland, California

Sample ID#	Sample Date	TPHg (µg/L)	Diesel Range Organics*		Total TPHd (µg/L)	TPHmo C32-C40 (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (Total) (µg/L)	MTBE	Naphthalene (µg/L)	TBA, DIPE, ETBE, TAME, EDB, EDC (µg/L)
			C10-C22 (µg/L)	C22-C32 (µg/L)									
B-2	5/21/2012	<100	76	<100	76	<100	<1.0	<5.0	<1.0	<3.0	<1.0	<5.0	ND
B-3	5/22/2012	490	1,000 <sup>b</sup>	71 <sup>a</sup>	1,071	60 <sup>a</sup>	0.99 <sup>a</sup>	<5.0	<1.0	<3.0	<1.0	13	ND
B-4	5/21/2012	230	600 <sup>b</sup>	<100	600	<100	0.97 <sup>a</sup>	0.31 <sup>a</sup>	0.51 <sup>a</sup>	<3.0	<1.0	7.6	ND
B-6	5/21/2012	<100	140	<100	140	<100	<1.0	<5.0	<1.0	<3.0	<1.0	<5.0	ND
B-8	5/21/2012	120	1,400 <sup>b</sup>	100 <sup>c</sup>	1,500	<100	<1.0	<5.0	<1.0	<3.0	3.1	1.6 <sup>a</sup>	ND
B-9	5/22/2012	<100	180 <sup>b</sup>	<100	180	<100	<1.0	<5.0	<1.0	<3.0	<1.0	<5.0	ND
B-10	5/22/2012	59 <sup>a</sup>	2,300 <sup>b</sup>	100	2,400	<100	<1.0	<5.0	<1.0	<3.0	<1.0	<5.0	ND
B-11	5/22/2012	<100	660 <sup>b</sup>	<100	660	<100	<1.0	<5.0	<1.0	<3.0	<1.0	<5.0	ND

SFRWQCB ESLs (µg/L) Non-Drinking Water Source Commercial Property Use																		
210							46		130		43		100		1,800		24	

**Notes:**

- \* = Silica gel cleanup was completed on diesel-range organics analysis
- MTBE = Methyl Tertiary-Butyl Ether
- < = less than indicated reported detection limit
- µg/L = micrograms per Liter (µg/L), also equivalent to parts per billion (ppb)
- ND = Not Detected
- TPHg = Total Petroleum Hydrocarbons - Gasoline
- TPHd = Total Petroleum Hydrocarbons - Diesel (sum of laboratory-reported C10-C22 and C-22-C32 organics concentrations)
- TPHmo = Total Petroleum Hydrocarbons - Motor Oil Range (C32-C40)
- MTBE = Methyl Tertiary-Butyl Ether
- TBA = Tert butyl alcohol
- DIPE = Di-isopropyl ether
- ETBE = Ethyl tert-butyl ether
- TAME = Tert amyl methyl ether
- EDB = 1,2-Dibromoethane
- EDC = 1,2-Dichloroethane
- VOCs = Volatile Organic Compounds
- a = Estimated value below the lowest calibration point. Confidence correlates with concentration
- b = This sample has responded in the Diesel range, however it does not appear to be a hydrocarbon product
- c = This sample has responded in the Oil range, however it does not appear to be a hydrocarbon product
- ESL = Environmental Screening Level

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board, California EPA, <http://www.waterboards.ca.gov/sanfranciscobay/esl.htm>.

**Table 3  
Sub-Slab Vapor Analytical Data**

ABF Freight Systems Facility  
4575 Tidewater Avenue  
Oakland, California

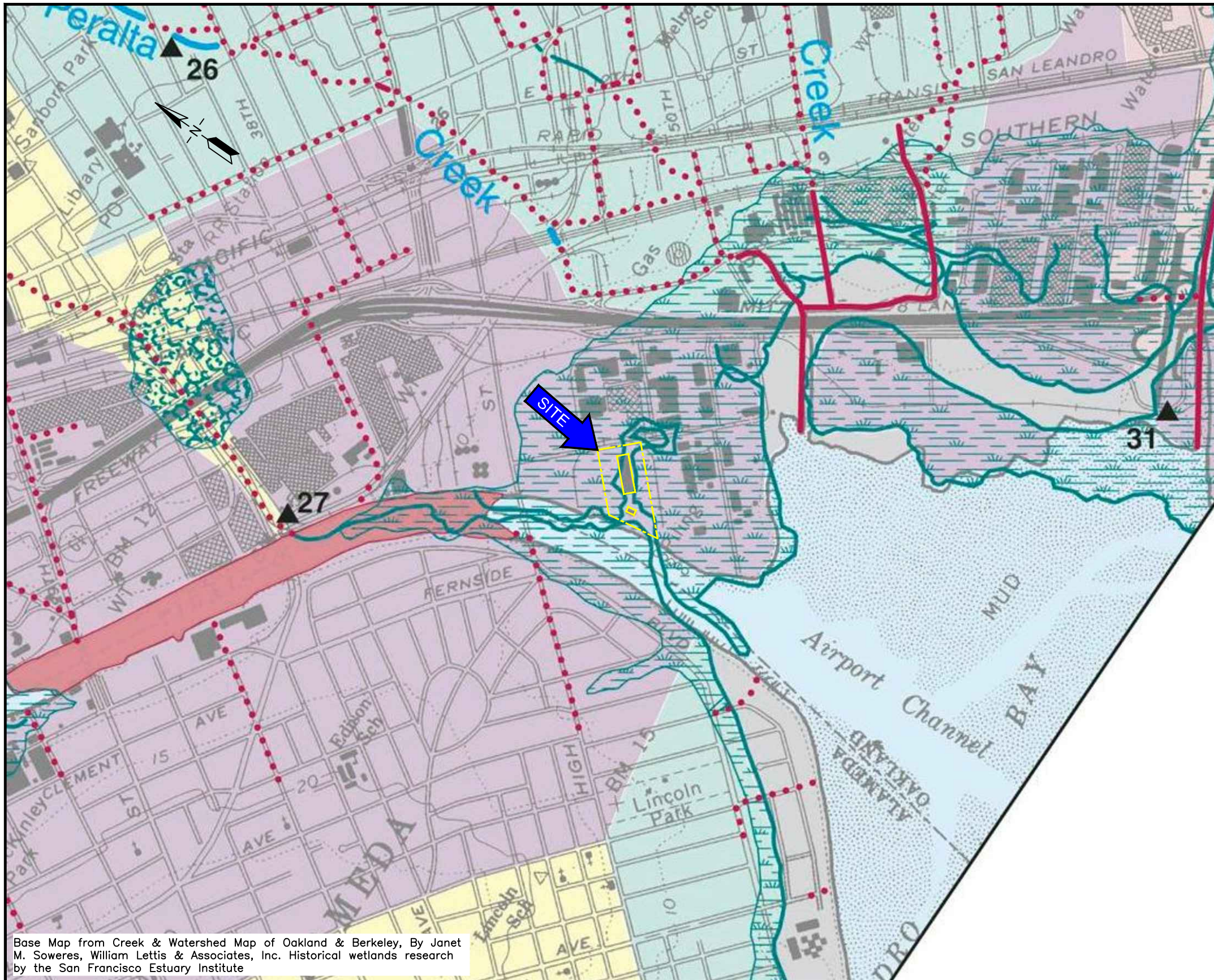
Sample ID	Sample Date	Analytical Test Methods															
		ASTM D-1946				EPA TO-15											EPA TO-17
		Carbon Dioxide (%)	Methane (%)	Oxygen (%)	Helium (%)	PCE ( $\mu\text{g}/\text{m}^3$ )	1,1,2-TCA ( $\mu\text{g}/\text{m}^3$ )	1,2,4 - TMB ( $\mu\text{g}/\text{m}^3$ )	TPHg ( $\mu\text{g}/\text{m}^3$ )	Benzene ( $\mu\text{g}/\text{m}^3$ )	Toluene ( $\mu\text{g}/\text{m}^3$ )	Ethyl Benzene ( $\mu\text{g}/\text{m}^3$ )	Ethyl Acetate ( $\mu\text{g}/\text{m}^3$ )	Total Xylenes ( $\mu\text{g}/\text{m}^3$ )	Ethanol ( $\mu\text{g}/\text{m}^3$ )	Other VOCs ( $\mu\text{g}/\text{m}^3$ )	Naphthalene ( $\mu\text{g}/\text{m}^3$ )
SVP-1	6/20/2012	2.2	<0.0001	16	0.049	<b>60</b>	<11	<10	<1,800	<2.8	<7.7	<8.8	<b>20</b>	<27	<b>180</b>	ND	<2.0
SVP-2	6/20/2012	0.22	0.00018	18	<0.005	<b>530</b>	<b>38</b>	<b>13</b>	<b>1,900</b>	<b>2.9</b>	<b>11</b>	<b>20</b>	<b>19</b>	<b>160</b>	<b>100</b>	<b>Acetone, 230</b>	<b>3.4</b>
Commercial Indoor Air					0.69	0.26	NA	14	0.14	88	1.6	NA	29	NA	NA	0.12	
Attenuated Commercial Indoor Air <sup>a</sup>					13.8	5.2	NA	280	2.8	1,760	32	NA	580	NA	NA	2.4	

Notes:

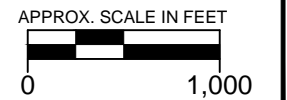
ID = Identification  
 % = Percentage  
 $\mu\text{g}/\text{m}^3$  = micrograms per meter cubed  
 PCE = Tetrachloroethene  
 1,1,2 - TCA = 1,1,2 - Trichloroethane  
 1,2,4 - TMB = 1,2,4 - Trimethylbenzene  
 TPHg = Total Petroleum Hydrocarbons as Gasoline  
 % = Percent  
 < = Not detected at or above detection limit  
 ND = Not detected  
 NA = Not applicable  
**Bold** = data detected above laboratory detection limits  
 ASTM = American Society for Testing Material  
 ESLs = Environmental Screening Levels (May 2008)  
 SFRWQCB = San Francisco Bay Regional Water Quality Control Board, California EPA  
<http://www.waterboards.ca.gov/sanfranciscobay/esl.htm>  
 a= Attenuation factor for existing commercial building sub-slab from the DTSC-CEPA Vapor Intrusion Guidance (2011) is 0.05

# FIGURES





- EXPLANATION**
- Creeks
  - Former creeks, buried or drained, and Bay shoreline, circa 1850
  - Underground culverts and storm drains
  - Engineered channels
  - Willow groves, circa 1850
  - Beach, circa 1850
  - Tidal marsh, circa 1850
  - now water
  - now fill land
  - Bay
  - Bay, circa 1850, now fill land
  - Artificial bodies of water
  - Present watersheds



Base Map from Creek & Watershed Map of Oakland & Berkeley, By Janet M. Sowers, William Lettis & Associates, Inc. Historical wetlands research by the San Francisco Estuary Institute

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**HISTORICAL CREEK BOUNDARY AND SITE LOCATION MAP**

ABF Freight System Facility  
 4575 Tidewater Ave.  
 Oakland, California

PROJECT:  
 154.004.001  
 FIGURE:  
 1





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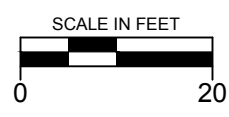
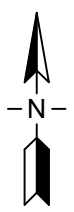
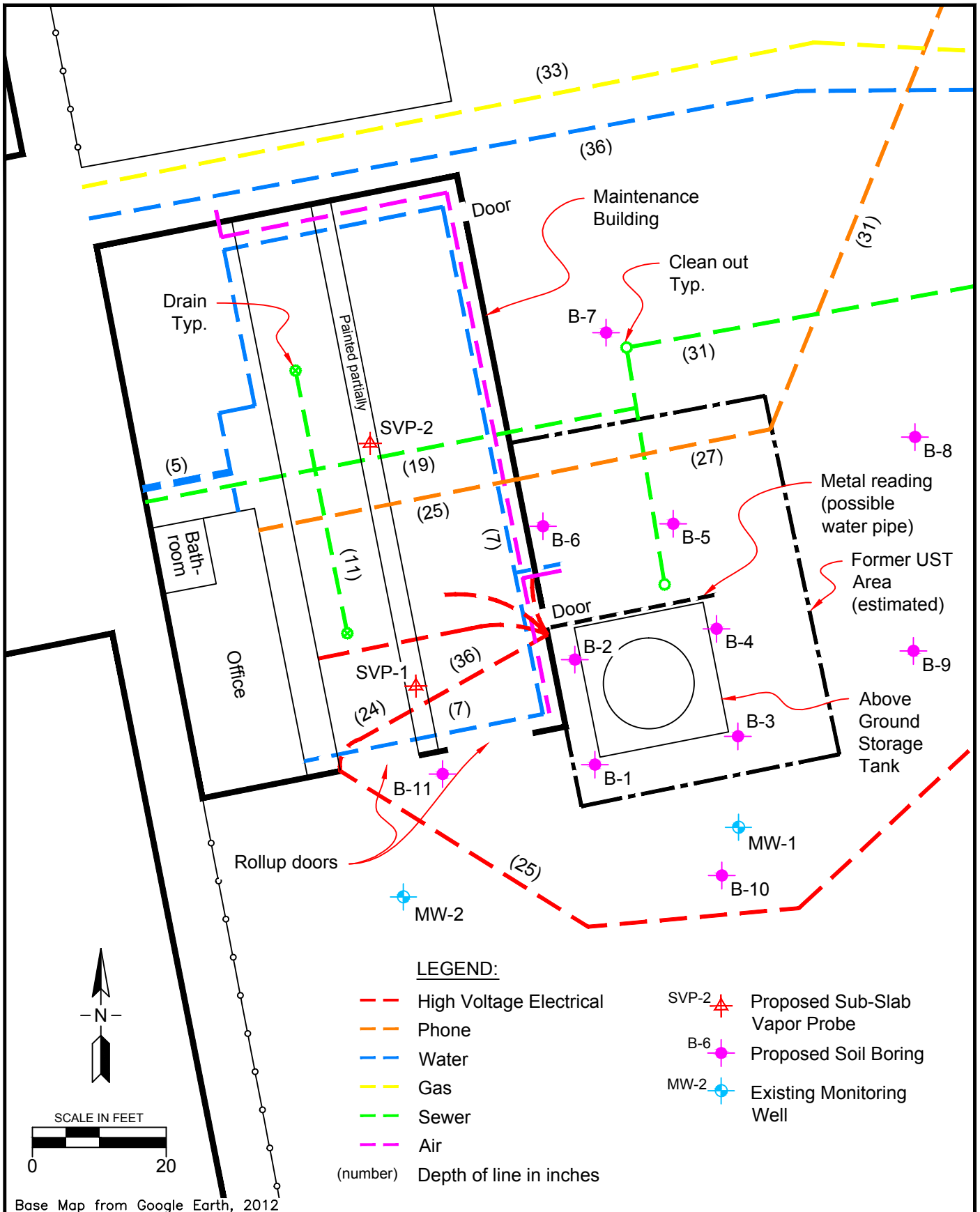
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**SITE MAP**

ABF Freight System Facility  
 4575 Tidewater Ave.  
 Oakland, California

PROJECT:  
 154.004.001

FIGURE:  
 2



Base Map from Google Earth, 2012

**LEGEND:**

- High Voltage Electrical
- Phone
- Water
- Gas
- Sewer
- Air
- (number) Depth of line in inches
- SVP-2 Proposed Sub-Slab Vapor Probe
- B-6 Proposed Soil Boring
- MW-2 Existing Monitoring Well

REF. 154\_001\154.004.001 fig3.dwg

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**SOIL BORING AND SUB-SLAB VAPOR  
PROBE LOCATION MAP**

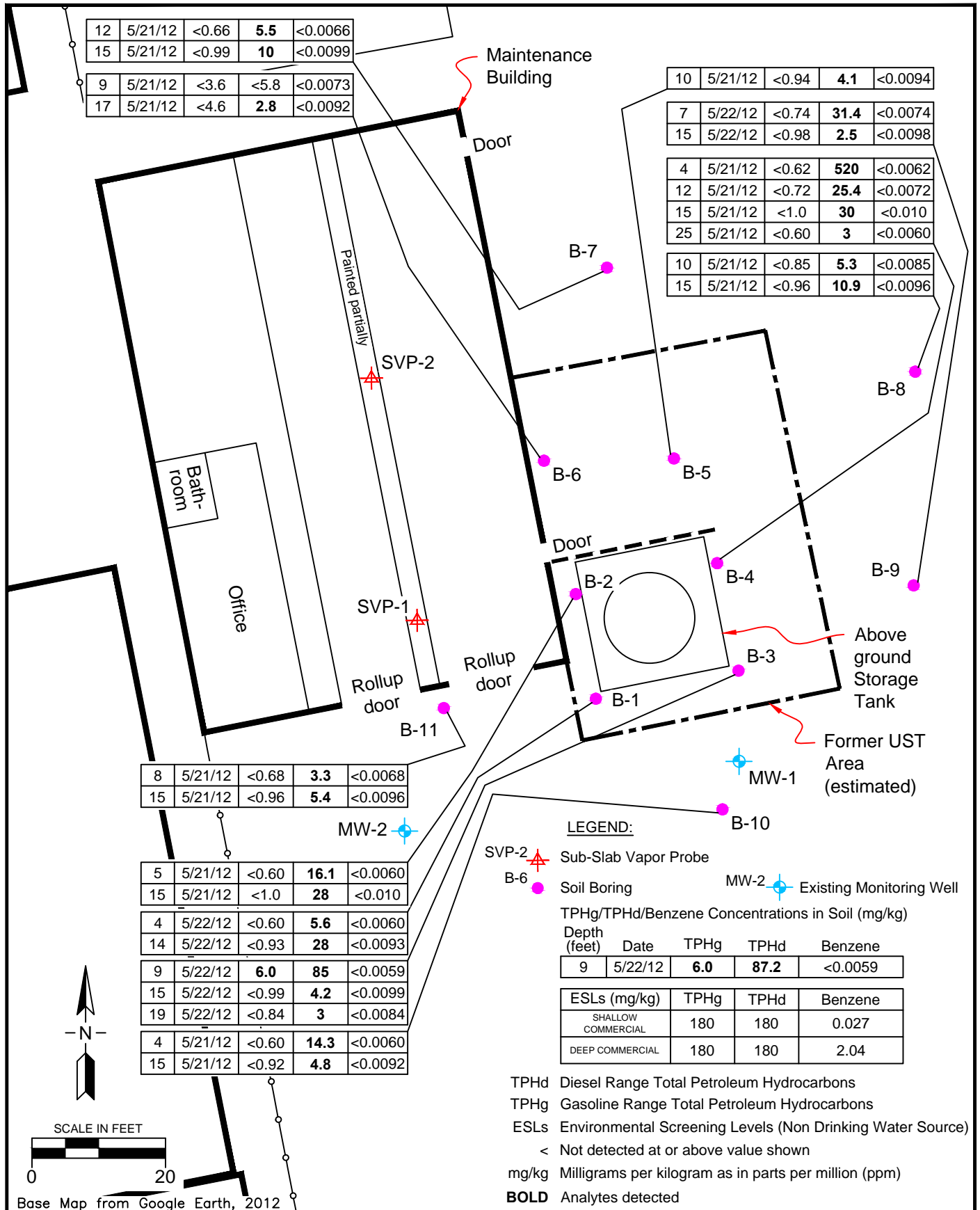
ABF Freight System Facility  
4575 Tidewater Ave.  
Oakland, California

PROJECT:  
154.004.005

FIGURE:  
**3**



REF. 154\_001 \ 154.004.005 figures.dwg



12	5/21/12	<0.66	<b>5.5</b>	<0.0066
15	5/21/12	<0.99	<b>10</b>	<0.0099
9	5/21/12	<3.6	<5.8	<0.0073
17	5/21/12	<4.6	<b>2.8</b>	<0.0092

10	5/21/12	<0.94	<b>4.1</b>	<0.0094
7	5/22/12	<0.74	<b>31.4</b>	<0.0074
15	5/22/12	<0.98	<b>2.5</b>	<0.0098

4	5/21/12	<0.62	<b>520</b>	<0.0062
12	5/21/12	<0.72	<b>25.4</b>	<0.0072
15	5/21/12	<1.0	<b>30</b>	<0.010
25	5/21/12	<0.60	<b>3</b>	<0.0060

10	5/21/12	<0.85	<b>5.3</b>	<0.0085
15	5/21/12	<0.96	<b>10.9</b>	<0.0096

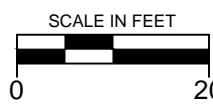
8	5/21/12	<0.68	<b>3.3</b>	<0.0068
15	5/21/12	<0.96	<b>5.4</b>	<0.0096

5	5/21/12	<0.60	<b>16.1</b>	<0.0060
15	5/21/12	<1.0	<b>28</b>	<0.010

4	5/22/12	<0.60	<b>5.6</b>	<0.0060
14	5/22/12	<0.93	<b>28</b>	<0.0093

9	5/22/12	<b>6.0</b>	<b>85</b>	<0.0059
15	5/22/12	<0.99	<b>4.2</b>	<0.0099
19	5/22/12	<0.84	<b>3</b>	<0.0084

4	5/21/12	<0.60	<b>14.3</b>	<0.0060
15	5/21/12	<0.92	<b>4.8</b>	<0.0092



Base Map from Google Earth, 2012

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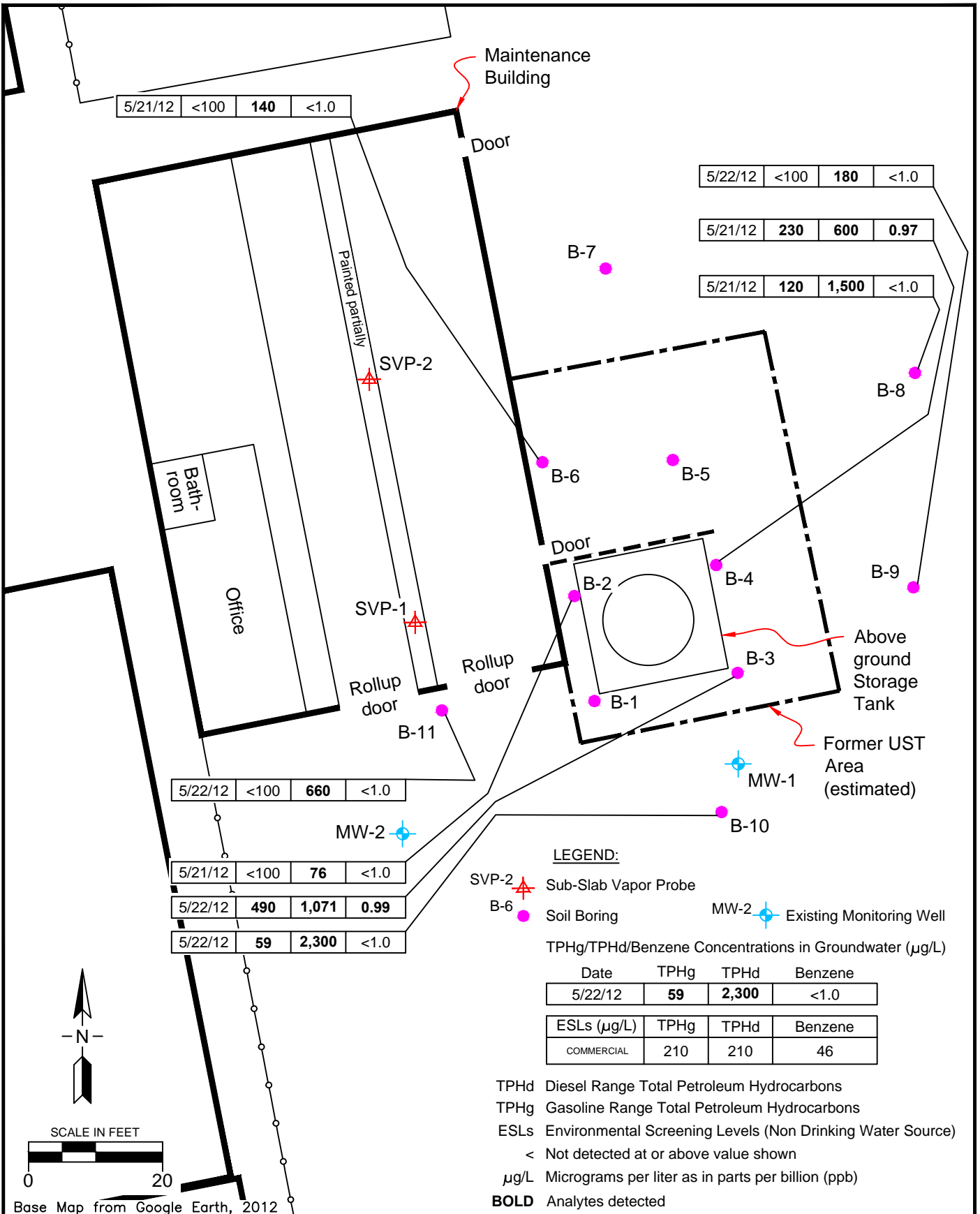
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**SOIL ANALYTICAL DATA MAP**

ABF Freight Systems Facility  
4575 Tidewater Avenue  
Oakland, California

PROJECT:  
154.004.005

FIGURE:  
**4**



REF. 154\_001\154.004.005 figures.dwg

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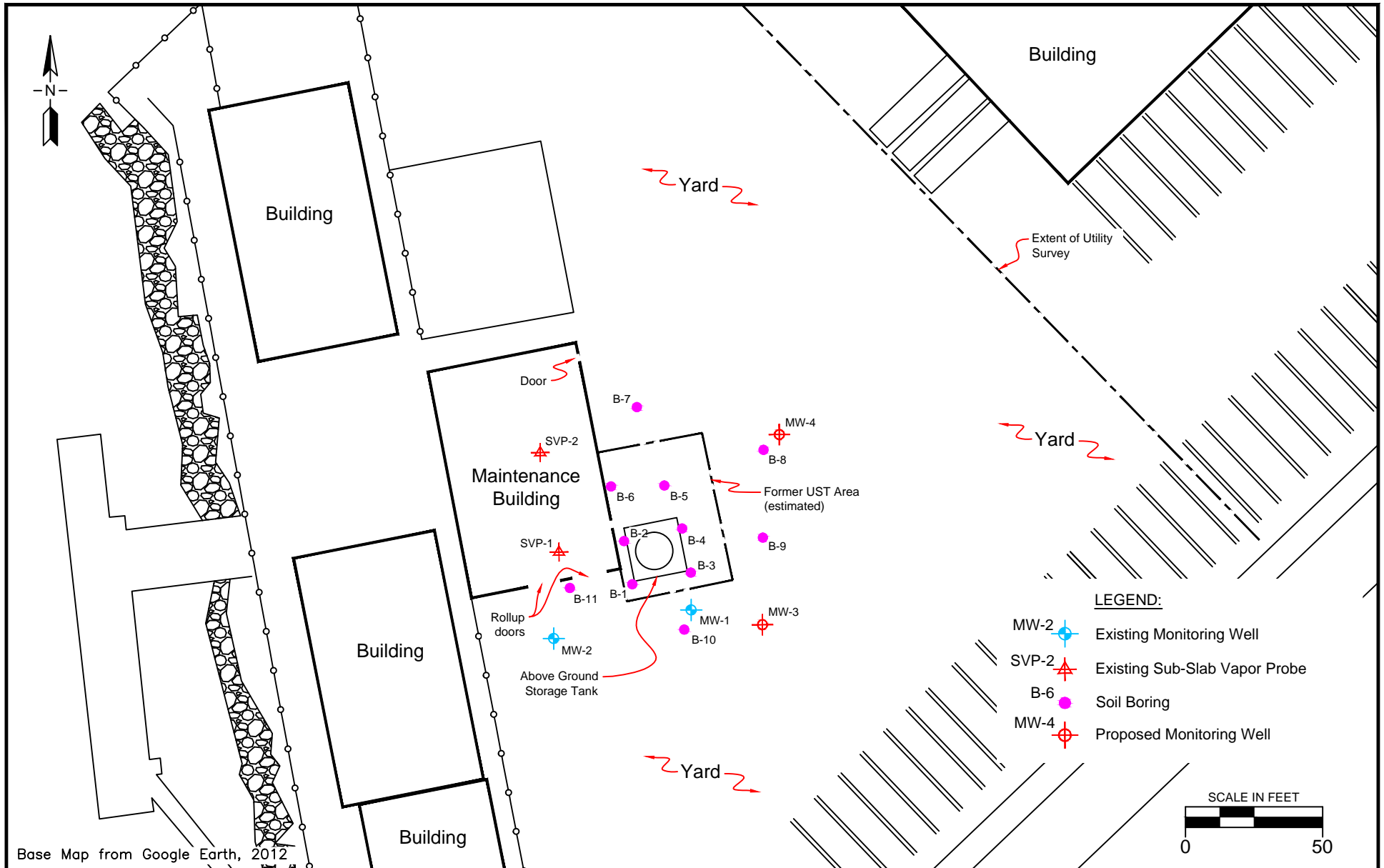
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**SHALLOW GRAB-GROUNDWATER  
 ANALYTICAL DATA MAP**

ABF Freight Systems Facility  
 4575 Tidewater Avenue  
 Oakland, California

PROJECT:  
 154.004.005

FIGURE:  
 5



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**PROPOSED MONITORING WELL LOCATION MAP**

ABF Freight Systems Facility  
 4575 Tidewater Avenue  
 Oakland, California

PROJECT:  
 154.004.005

FIGURE:  
 6

# **ATTACHMENT A**

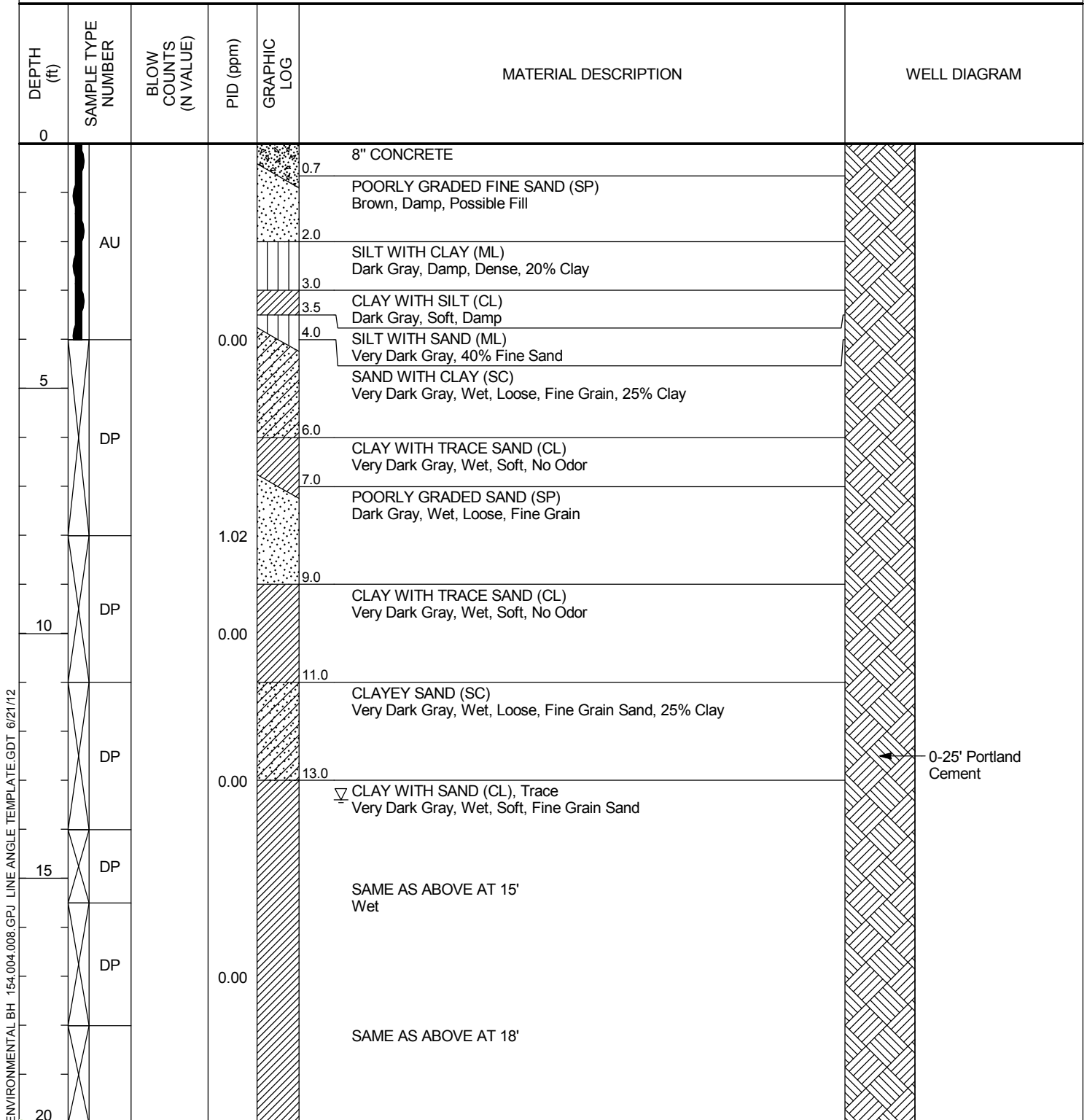
## **Boring Logs**



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# BORING NUMBER B-1

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/22/12	<b>COMPLETED</b> 5/22/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	∇ <b>AT TIME OF DRILLING</b> 13.4 ft
	<b>AT END OF DRILLING</b> ---
	<b>AFTER DRILLING</b> ---





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# BORING NUMBER B-1


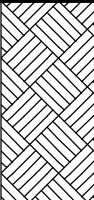


PAGE 2 OF 2

CLIENT ABF Freight

PROJECT NAME ABF Freight

PROJECT NUMBER 154.004.008

PROJECT LOCATION 4575 Tidewater Ave, Oakland, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
20						
	DP		0.00		CLAY WITH SAND (CL), Trace Very Dark Gray, Wet, Soft, Fine Grain Sand <i>(continued)</i> SAME AS ABOVE AT 20'	
	DP				23.0 CLAYEY SAND (SC) Dark Gray, Wet, Loose, Fine Grain Sand	
			0.00		24.0 CLAY WITH TRACE SAND (CL) Very Dark Gray, Hard, Damp	
25					25.0 Bottom of hole at 25.0 feet.	

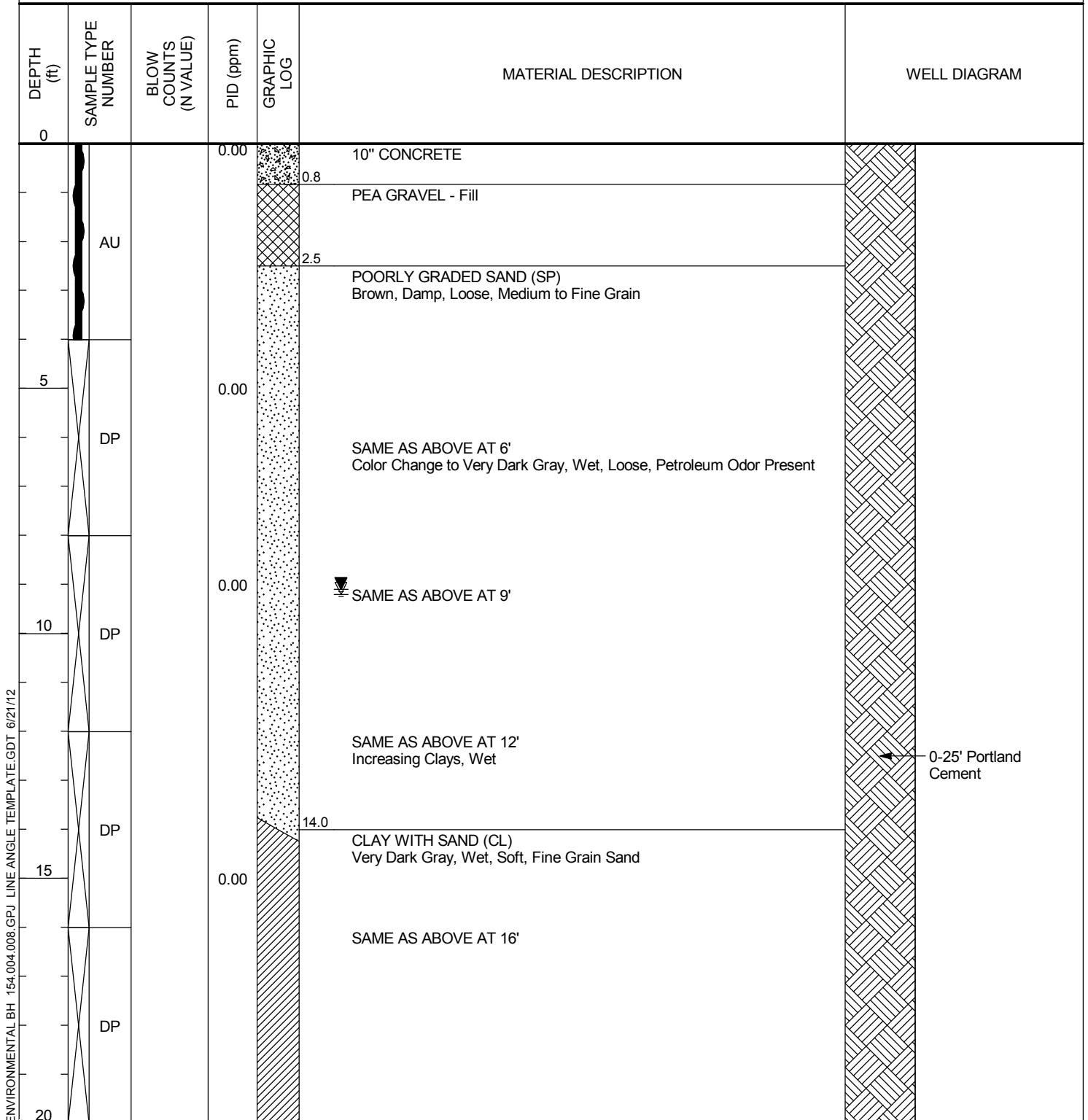


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# BORING NUMBER B-2

PAGE 1 OF 2

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/21/12	<b>COMPLETED</b> 5/21/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>GROUND WATER LEVELS:</b>
<b>CHECKED BY</b> D. Moser	▽ <b>AT TIME OF DRILLING</b> 9.2 ft
<b>NOTES</b> _____	▼ <b>AT END OF DRILLING</b> 9.1 ft
	<b>AFTER DRILLING</b> ---





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**BORING NUMBER B-2**

PAGE 2 OF 2

CLIENT ABF Freight

PROJECT NAME ABF Freight

PROJECT NUMBER 154.004.008

PROJECT LOCATION 4575 Tidewater Ave, Oakland, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
20			0.00			
	DP				CLAY WITH SAND (CL) Very Dark Gray, Wet, Soft, Fine Grain Sand <i>(continued)</i> SAME AS ABOVE AT 20'	
					22.0 POORLY GRADED SAND WITH CLAY (SC) Very Dark Brown, Wet, Fine Grain	
					23.0 CLAY (CL) Very Dark Gray, Damp, 20% Sand, High Plasticity	
	DP				24.0 POORLY GRADED SAND AND CLAY (SP-SC) Wet, 40% Clay, Sulfur Odor Present	
25			0.00		25.0 Bottom of hole at 25.0 feet.	



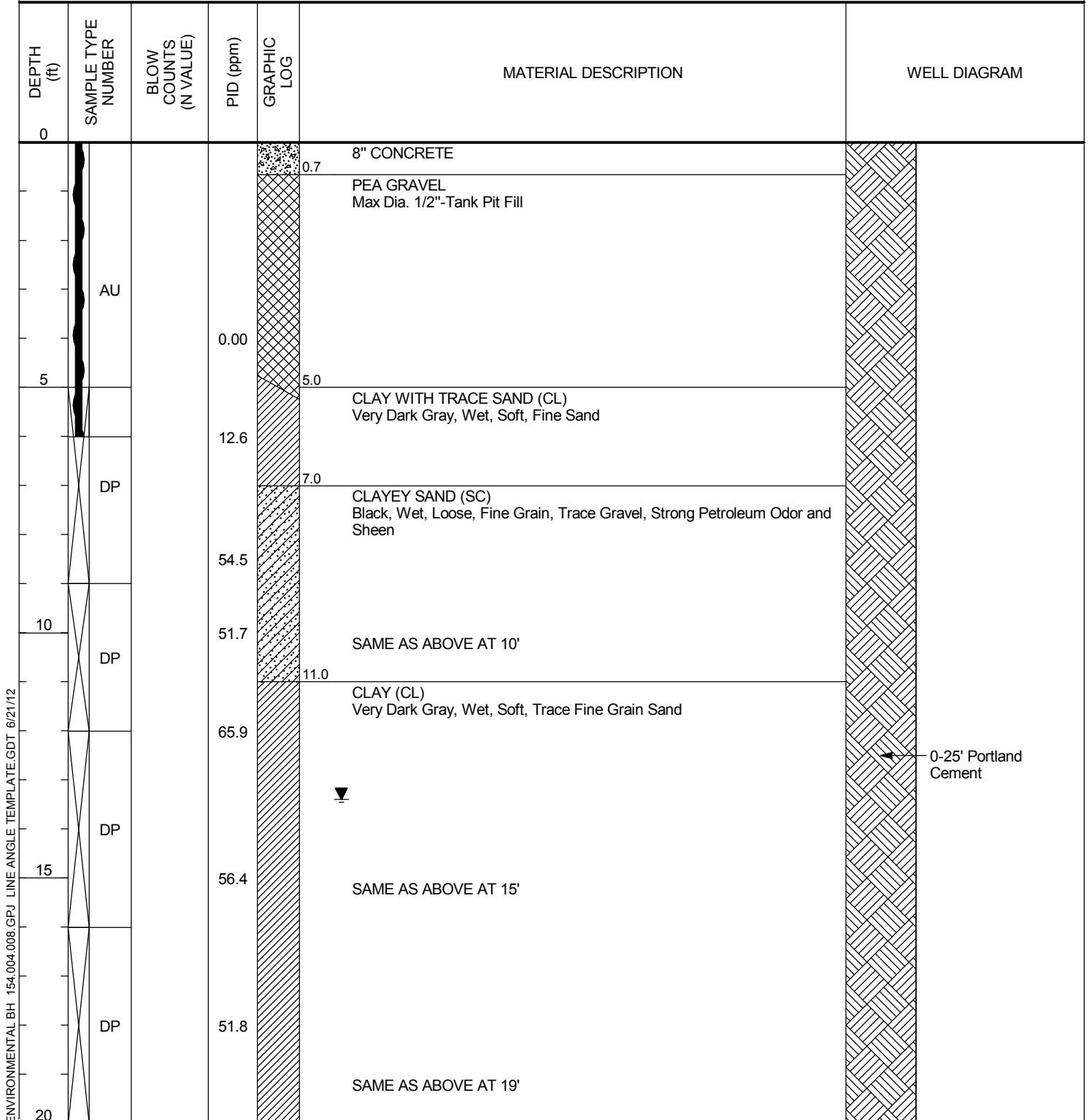


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# BORING NUMBER B-3

PAGE 1 OF 2

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/22/12	<b>COMPLETED</b> 5/22/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	▽ <b>AT TIME OF DRILLING</b> 22.4 ft
	▽ <b>AT END OF DRILLING</b> 13.4 ft
	<b>AFTER DRILLING</b> ---





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# BORING NUMBER B-3


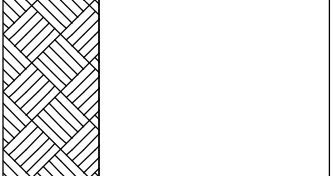

PAGE 2 OF 2

CLIENT ABF Freight

PROJECT NAME ABF Freight

PROJECT NUMBER 154.004.008

PROJECT LOCATION 4575 Tidewater Ave, Oakland, CA

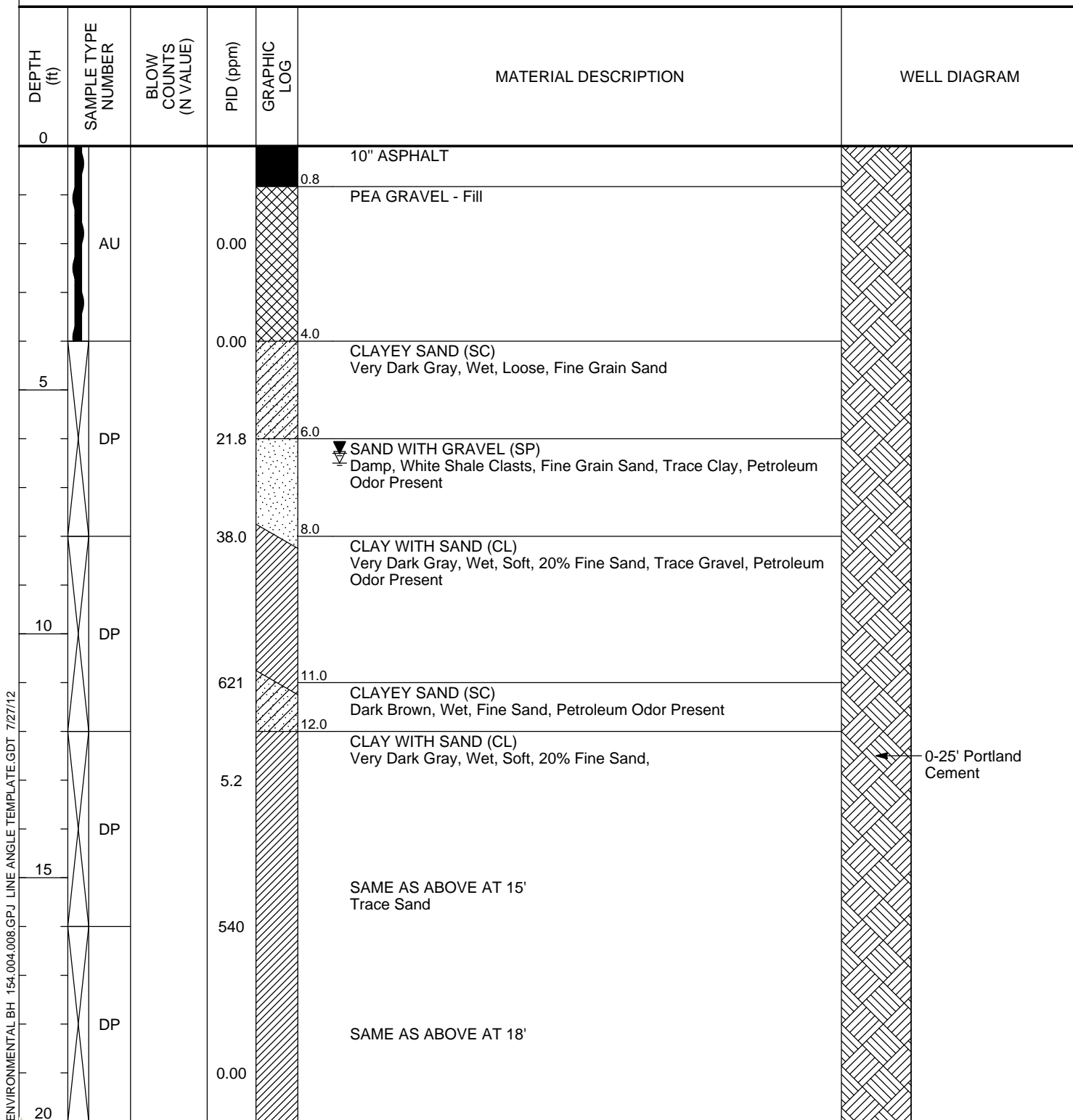
DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
20						
	DP		32.4		CLAY (CL) Very Dark Gray, Wet, Soft, Trace Fine Grain Sand ( <i>continued</i> ) SAME AS ABOVE AT 20'  ∇ SAME AS ABOVE AT 22'	
	DP			23.0	SILT WITH CLAY (ML) Dark Gray, Wet, Trace Gravel, 10% Clay	
	DP			24.0	CLAY WITH SILT (CL) Dark Gray, Wet, Trace Gravel, 10% Clay	
25			33.5	25.0	CLAY WITH SILT (CL) Very Dark Gray, Wet, Hard, 20% Silt	
					Bottom of hole at 25.0 feet.	



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# BORING NUMBER B-4

CLIENT <u>ABF Freight</u>	PROJECT NAME <u>ABF Freight</u>
PROJECT NUMBER <u>154.004.008</u>	PROJECT LOCATION <u>4575 Tidewater Ave, Oakland, CA</u>
DATE STARTED <u>5/21/12</u>	COMPLETED <u>5/21/12</u>
DRILLING CONTRACTOR <u>ECA</u>	GROUND ELEVATION _____ HOLE SIZE <u>2"</u>
DRILLING METHOD <u>Geoprobe</u>	GROUND WATER LEVELS: ∇ AT TIME OF DRILLING <u>6.5 ft</u>
LOGGED BY <u>Cora Olson</u>	▼ AT END OF DRILLING <u>6.3 ft</u>
CHECKED BY <u>D. Moser</u>	AFTER DRILLING <u>---</u>
NOTES _____	





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# BORING NUMBER B-4


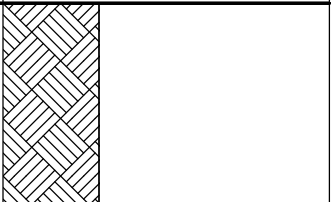
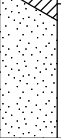

PAGE 2 OF 2

CLIENT ABF Freight

PROJECT NAME ABF Freight

PROJECT NUMBER 154.004.008

PROJECT LOCATION 4575 Tidewater Ave, Oakland, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
20			0.00			
	DP				CLAY WITH SAND (CL) Very Dark Gray, Wet, Soft, 20% Fine Sand, <i>(continued)</i> SAME AS ABOVE AT 20'	
	DP				23.0 POORLY GRADED SAND (SP) Very Dark Brown, Wet, Loose, Medium to Fine Grain  25.0 SAME AS ABOVE AT 24' Color Change to Light Brown, Fine Grain, Dense	
25					Bottom of hole at 25.0 feet.	

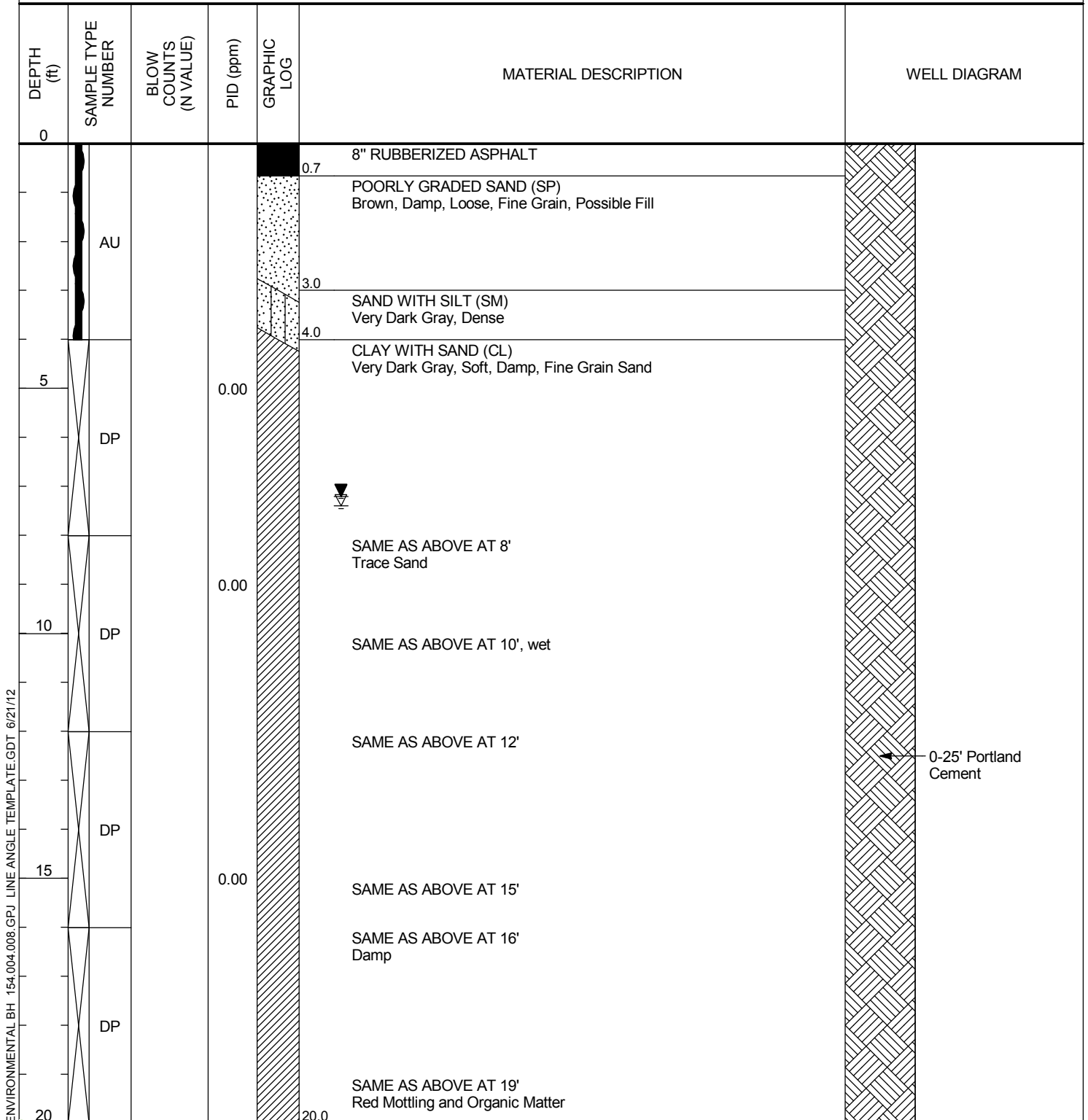


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# BORING NUMBER B-5

PAGE 1 OF 2

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/21/12	<b>COMPLETED</b> 5/21/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	▽ <b>AT TIME OF DRILLING</b> 7.4 ft
	▽ <b>AT END OF DRILLING</b> 7.2 ft
	<b>AFTER DRILLING</b> ---





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# BORING NUMBER B-5


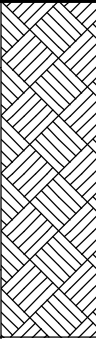



PAGE 2 OF 2

CLIENT ABF Freight

PROJECT NAME ABF Freight

PROJECT NUMBER 154.004.008

PROJECT LOCATION 4575 Tidewater Ave, Oakland, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
20						
	DP		0.00		SAME AS ABOVE AT 20' Very Dark Gray, Damp, Soft, 20% Fine Sand	
	DP				21.0 CLAYEY SAND (SC) Dark Brown, Wet, Fine Grain	
	DP				24.0 POORLY GRADED SAND (SP) Olive Brown, Wet, Medium to Fine Grain	
25			0.00		25.0 Bottom of hole at 25.0 feet.	

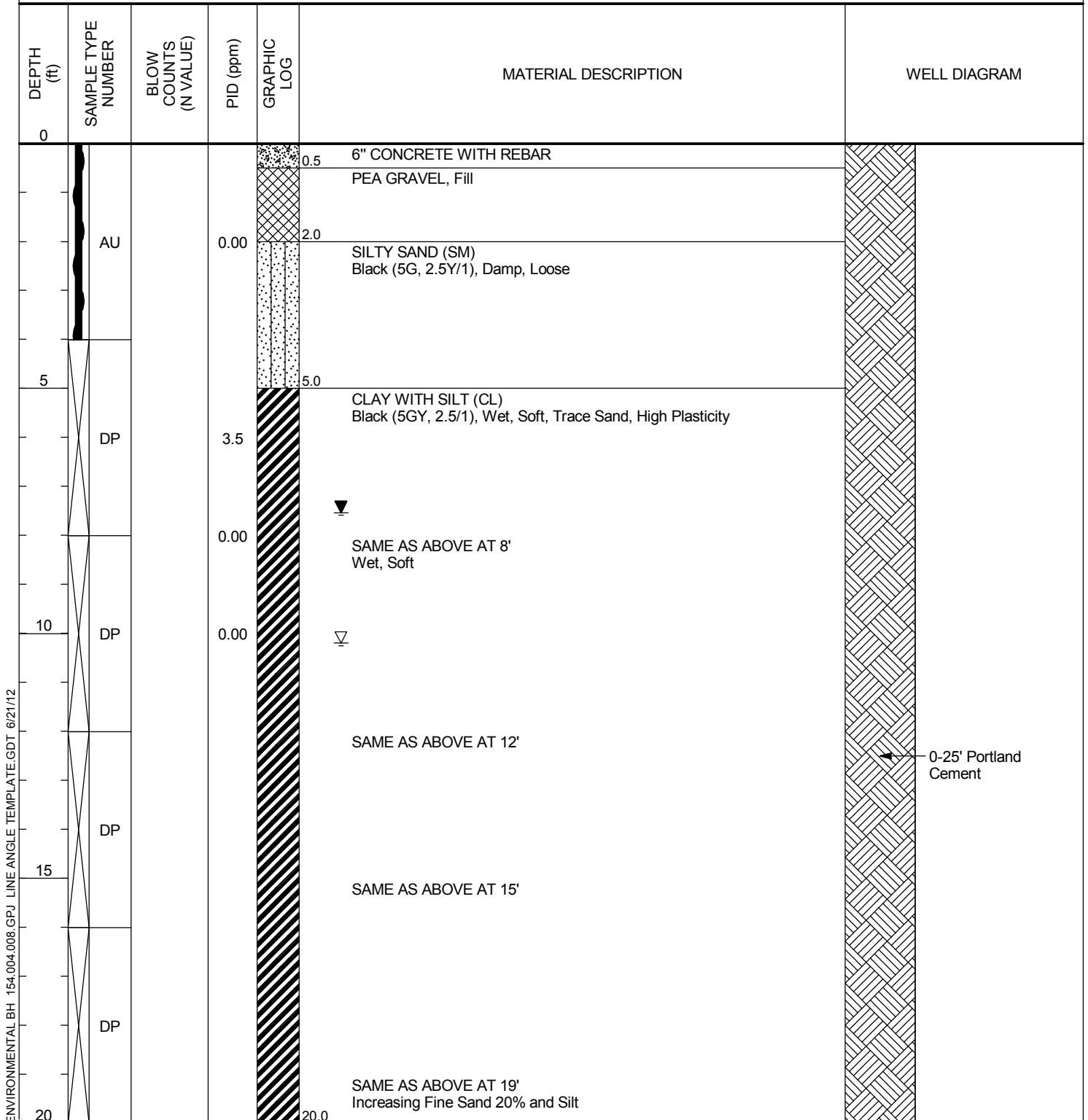


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# BORING NUMBER B-6

PAGE 1 OF 2

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/21/12	<b>COMPLETED</b> 5/21/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	▽ <b>AT TIME OF DRILLING</b> 10.2 ft
	▽ <b>AT END OF DRILLING</b> 7.5 ft
	<b>AFTER DRILLING</b> ---





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# BORING NUMBER B-6

PAGE 2 OF 2

CLIENT ABF Freight

PROJECT NAME ABF Freight

PROJECT NUMBER 154.004.008

PROJECT LOCATION 4575 Tidewater Ave, Oakland, CA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
20						
	DP		0.00		SILT WITH CLAY AND SAND (ML) Greenish Black (10Y, 2.5/1), Soft, Fine Sand, Sulfur Odor Present	
					22.0 POORLY GRADED SAND (SP) Olive Brown (2.5Y, 4/3), Wet, No Odor	
	DP				23.0 CLAY WITH SAND (CH) Olive Brown (2.5Y, 4/3), Damp, 35% Fine Sand, Red Mottling, High Plasticity, No Odor	
25			0.00		25.0 Bottom of hole at 25.0 feet.	



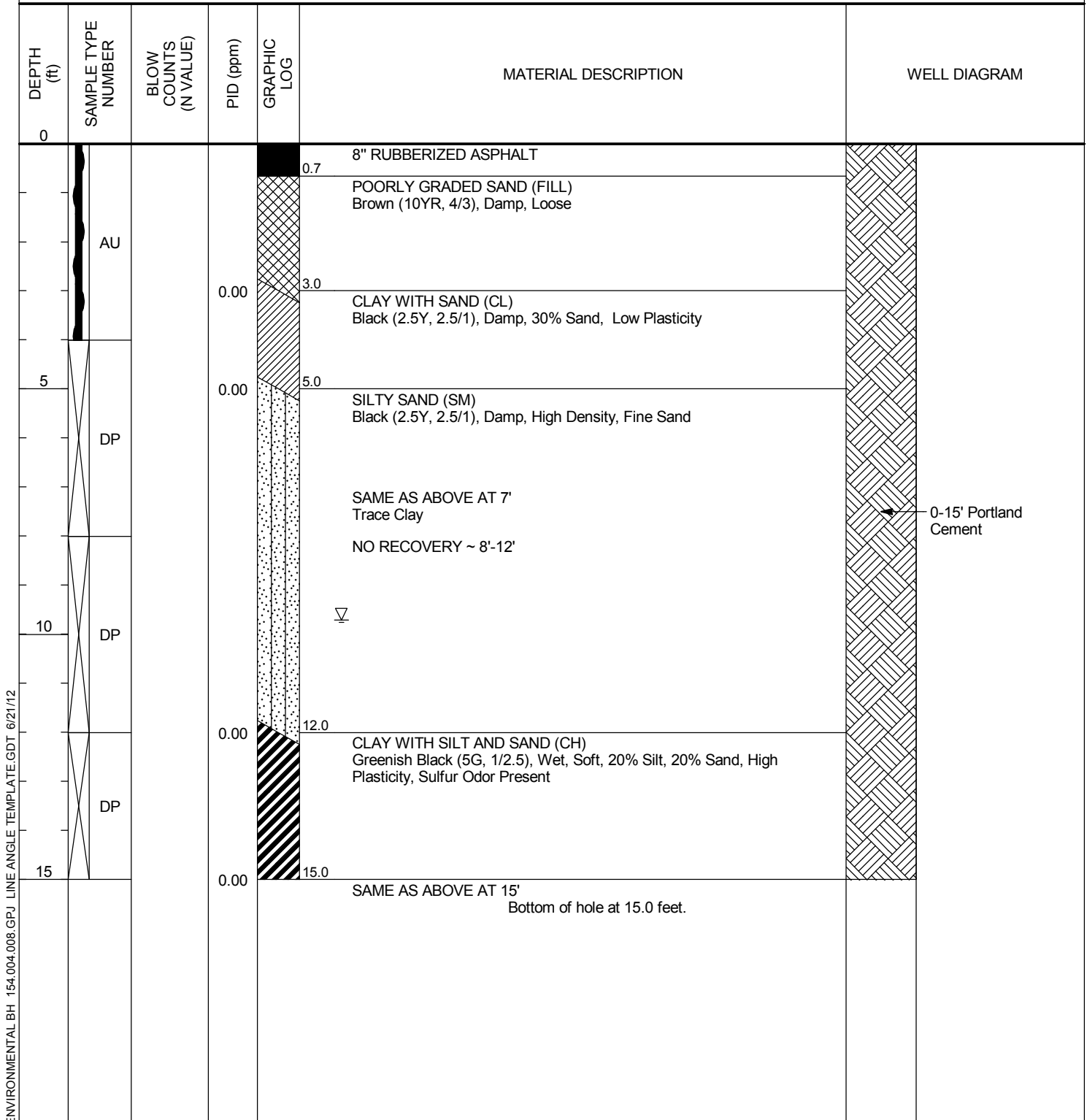


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# BORING NUMBER B-7

PAGE 1 OF 1

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/21/12	<b>COMPLETED</b> 5/21/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	∇ <b>AT TIME OF DRILLING</b> 9.7 ft
	<b>AT END OF DRILLING</b> ---
	<b>AFTER DRILLING</b> ---



ENVIRONMENTAL BH 154.004.008.GPJ LINE ANGLE TEMPLATE.GDT 6/21/12

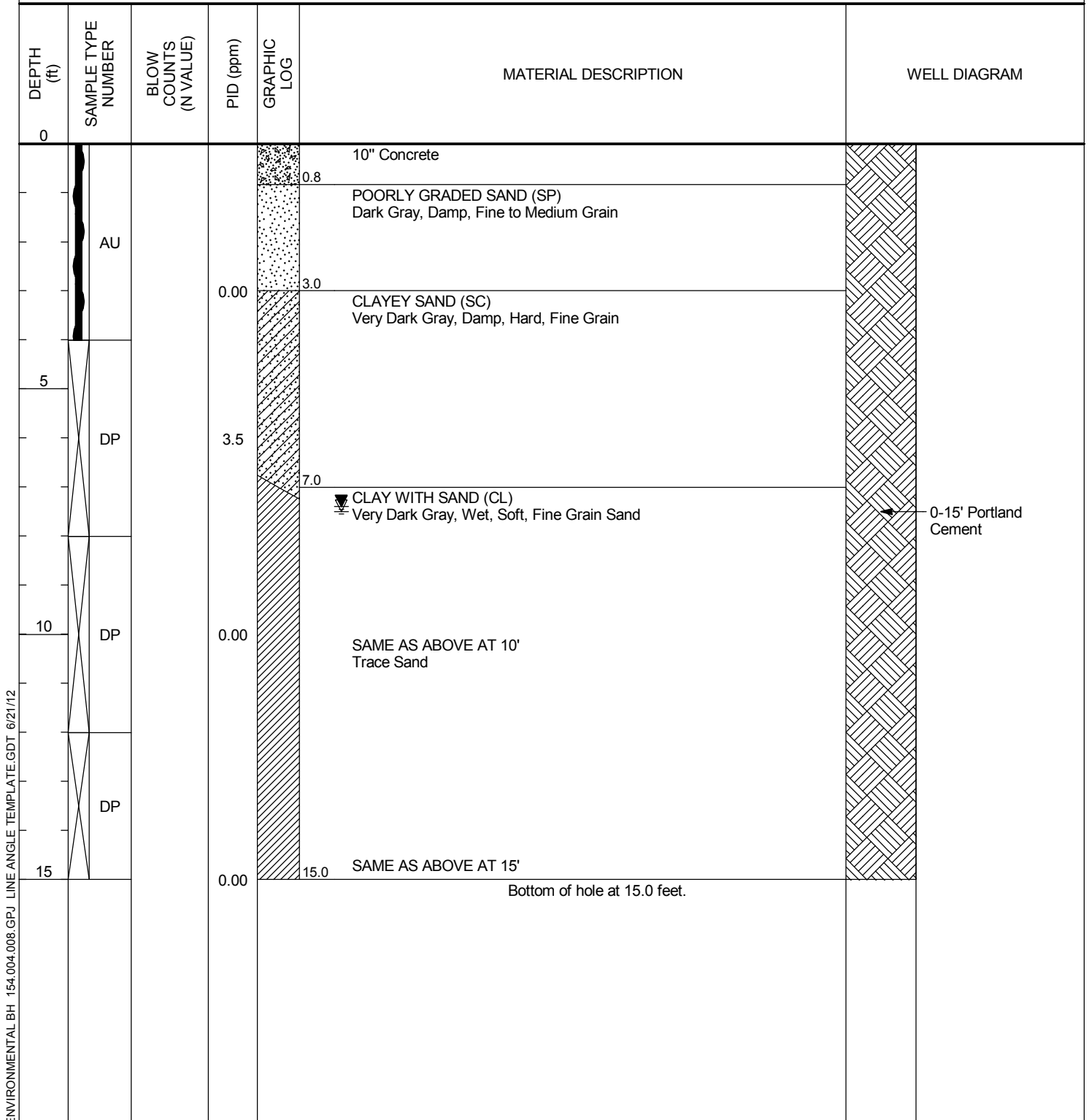


Trinity Source Group, Inc.  
 500 Chestnut St., Suite 225  
 Santa Cruz, California 95060  
 Telephone: 831.426.5600  
 Fax: 831.426.5602

# BORING NUMBER B-8

PAGE 1 OF 1

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/21/12	<b>COMPLETED</b> 5/21/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	▽ <b>AT TIME OF DRILLING</b> 7.5 ft
	▽ <b>AT END OF DRILLING</b> 7.4 ft
	<b>AFTER DRILLING</b> ---



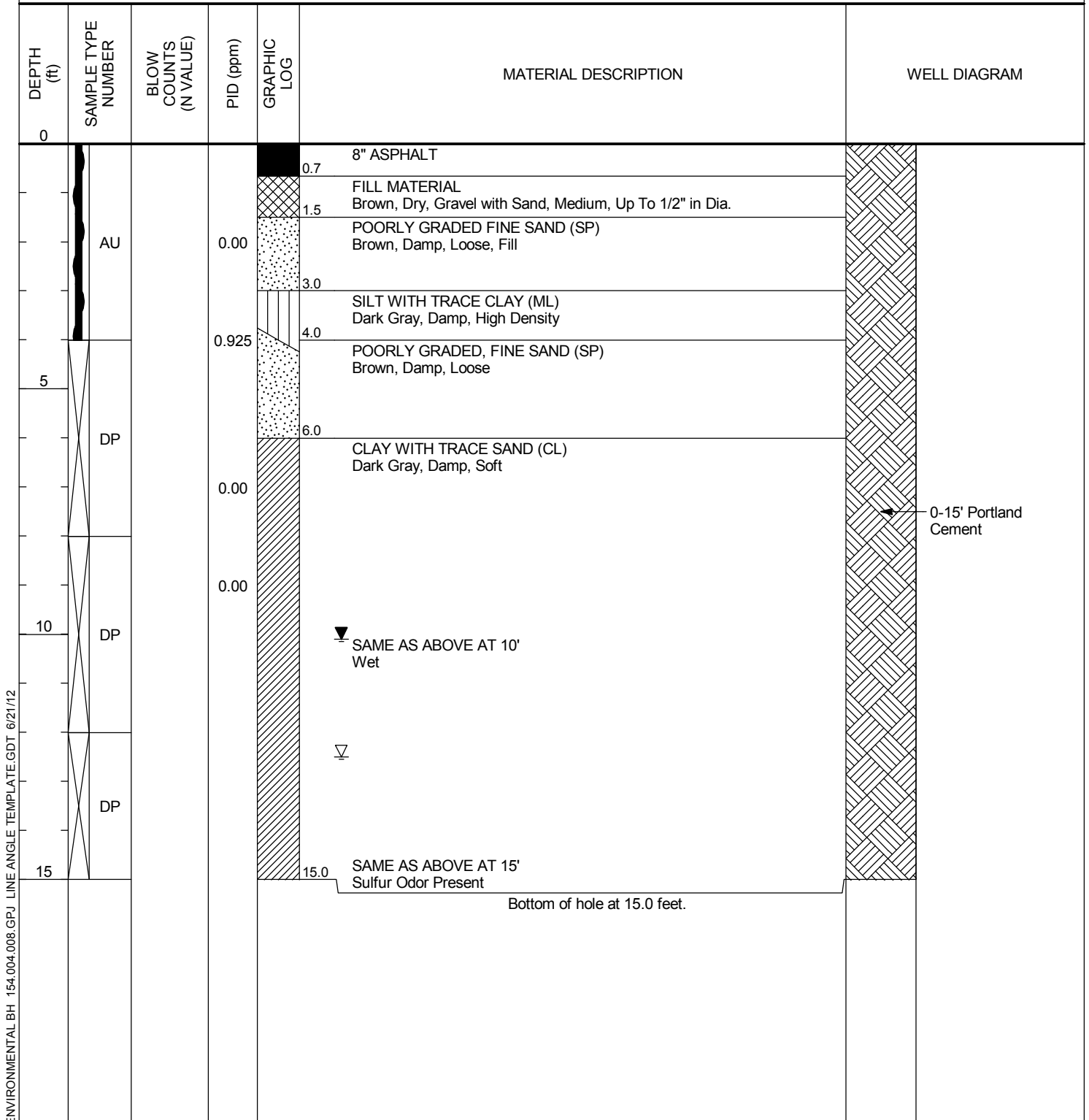


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 Telephone: 831.426.5600  
 Fax: 831.426.5602

# BORING NUMBER B-9

PAGE 1 OF 1

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/22/12	<b>COMPLETED</b> 5/22/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	▽ <b>AT TIME OF DRILLING</b> 12.5 ft
	▽ <b>AT END OF DRILLING</b> 10.1 ft
	<b>AFTER DRILLING</b> ---



ENVIRONMENTAL BH 154.004.008.GPJ LINE ANGLE TEMPLATE.GDT 6/21/12

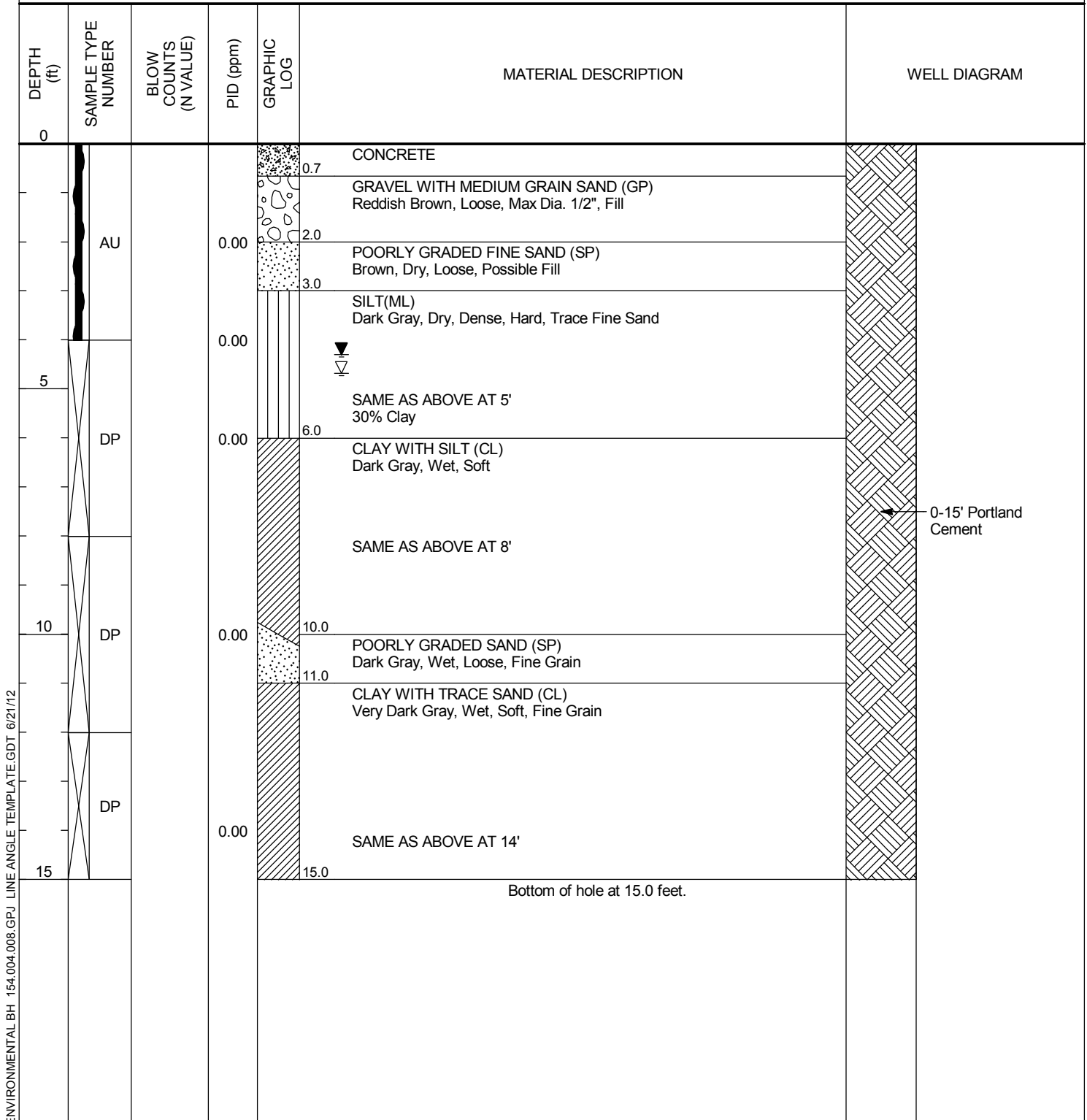


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 Telephone: 831.426.5600  
 Fax: 831.426.5602

# BORING NUMBER B-10

PAGE 1 OF 1

<b>CLIENT</b> ABF Freight	<b>PROJECT NAME</b> ABF Freight
<b>PROJECT NUMBER</b> 154.004.008	<b>PROJECT LOCATION</b> 4575 Tidewater Ave, Oakland, CA
<b>DATE STARTED</b> 5/22/12	<b>COMPLETED</b> 5/22/12
<b>DRILLING CONTRACTOR</b> ECA	<b>GROUND ELEVATION</b> _____
<b>DRILLING METHOD</b> Geoprobe	<b>HOLE SIZE</b> 2"
<b>LOGGED BY</b> Cora Olson	<b>CHECKED BY</b> D. Moser
<b>NOTES</b> _____	<b>GROUND WATER LEVELS:</b>
	▽ <b>AT TIME OF DRILLING</b> 4.7 ft
	▽ <b>AT END OF DRILLING</b> 4.3 ft
	<b>AFTER DRILLING</b> ---



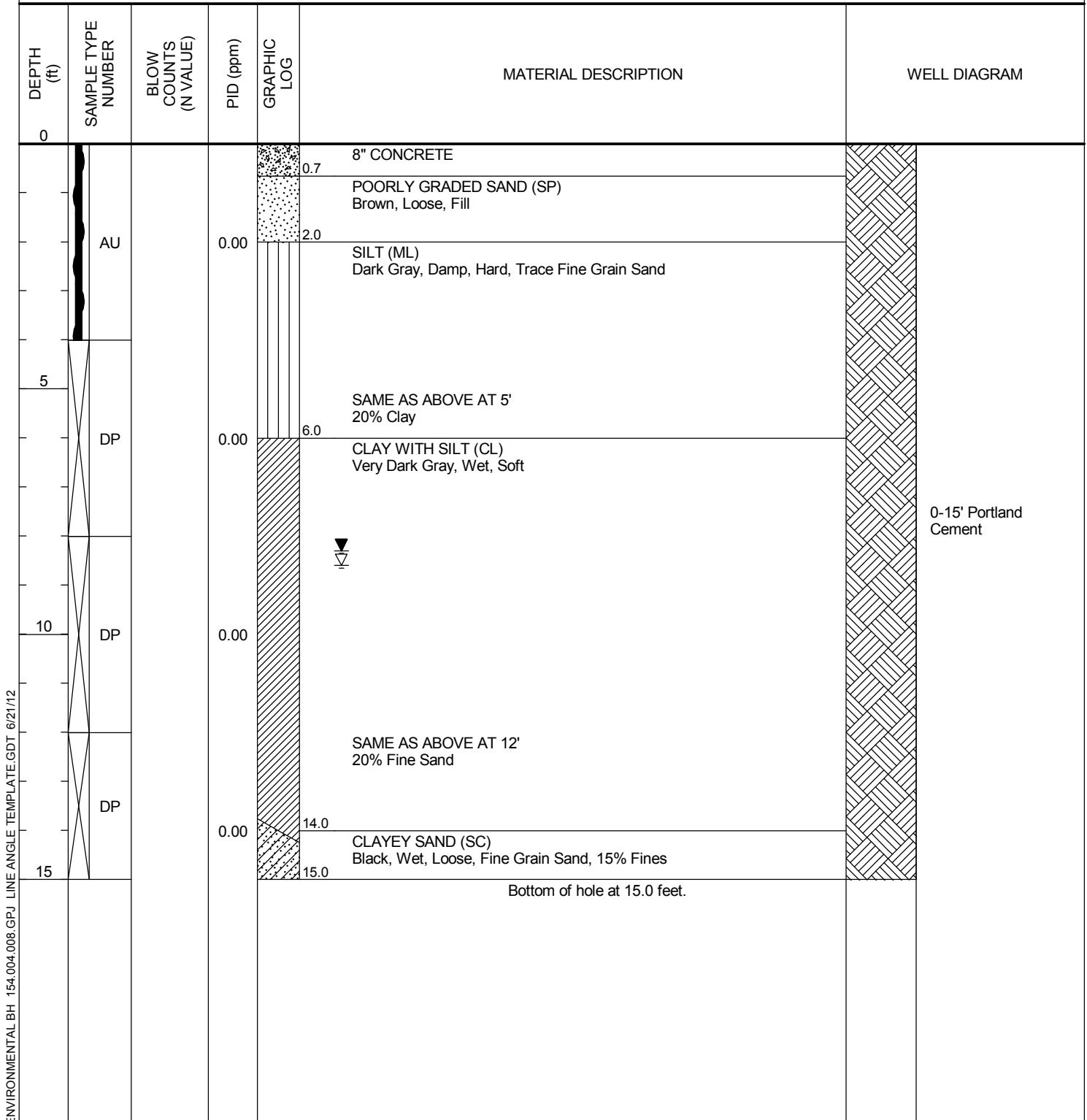


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# BORING NUMBER B-11

PAGE 1 OF 1

CLIENT <u>ABF Freight</u>	PROJECT NAME <u>ABF Freight</u>
PROJECT NUMBER <u>154.004.008</u>	PROJECT LOCATION <u>4575 Tidewater Ave, Oakland, CA</u>
DATE STARTED <u>5/22/12</u> COMPLETED <u>5/22/12</u>	GROUND ELEVATION _____ HOLE SIZE <u>2"</u>
DRILLING CONTRACTOR <u>ECA</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Geoprobe</u>	▽ AT TIME OF DRILLING <u>8.6 ft</u>
LOGGED BY <u>Cora Olson</u> CHECKED BY <u>D. Moser</u>	▽ AT END OF DRILLING <u>8.3 ft</u>
NOTES _____	AFTER DRILLING <u>---</u>



## **ATTACHMENT B**

### **Certified Analytical Reports**



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Cora Olson  
Trinity Source Group - Santa Cruz, CA  
500 Chestnut Street, Ste. 225  
Santa Cruz, CA 95060

## Report Summary

Thursday June 14, 2012

Report Number: L576962


Samples Received: 05/24/12

Client Project:

Description: ABF Freight System Facility - Oakland, CA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

  
Jared Willis, ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 12:00

ESC Sample # : L576962-01  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.0	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.60	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	105.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	11.	0.73	4.8	mg/kg	Y5	8015	05/25/12	1
C22-C32 Hydrocarbons	3.3	1.3	4.8	mg/kg	J	8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	4.8	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	68.0			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.30	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.060	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.030	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.030	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.30	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.030	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.015	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.030	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.030	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0060	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

Note:

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REPORT OF ANALYSIS

Cora Olson
Trinity Source Group - Santa Cruz,
500 Chestnut Street, Ste. 225
Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012
Description : ABF Freight System Facility - Oakland, CA
Sample ID : B-10 4FT
Collected By : Cara Olson
Collection Date : 05/22/12 12:00

ESC Sample # : L576962-01
Site ID :
Project # :

Table with 10 columns: Parameter, Dry Result, MDL, RDL, Units, Qualifier, Method, Date, Dil. Lists various chemical compounds and their detection results.

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 12:00

ESC Sample # : L576962-01  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.6			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	96.8			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	92.9			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:35

ESC Sample # : L576962-02  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	51.0	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.98	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	2.5	0.73	7.8	mg/kg	J	8015	05/25/12	1
C22-C32 Hydrocarbons	U	1.3	7.8	mg/kg		8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	7.8	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	56.6			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.49	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.098	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.049	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.049	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.49	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.049	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.024	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0098	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.049	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.049	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0098	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:35

ESC Sample # : L576962-02  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0098	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.098	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.049	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.098	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.049	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0098	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
Toluene	0.0041	0.0016	0.049	mg/kg	J	8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0098	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0098	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.049	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.024	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0098	mg/kg		8260B	05/26/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0098	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0098	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0098	mg/kg		8260B	05/25/12	5
Xylenes, Total	0.010	0.0023	0.029	mg/kg	J	8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0098	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.98	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0098	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0098	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.49	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.049	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0098	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:35

ESC Sample # : L576962-02  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.0			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	93.6			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	100.			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

June 14, 2012

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

ESC Sample # : L576962-03

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA

Site ID :

Sample ID : B-8 15FT

Project # :

Collected By : Cara Olson  
 Collection Date : 05/21/12 15:50

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	51.8	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.96	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	103.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	6.9	0.73	7.7	mg/kg	JY5	8015	05/25/12	1
C22-C32 Hydrocarbons	4.0	1.3	7.7	mg/kg	J	8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	7.7	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	63.6			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.48	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.096	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.048	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.048	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.48	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.048	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.024	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.048	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.048	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0096	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:50

ESC Sample # : L576962-03  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0096	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.096	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.048	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.096	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.048	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0096	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.048	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0096	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0096	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.048	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.024	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0096	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.029	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.96	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.48	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.048	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0096	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:50

ESC Sample # : L576962-03  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.3			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	91.6			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	102.			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:40

ESC Sample # : L576962-04  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	50.2	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	1.0	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	104.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	16.	0.73	8.0	mg/kg	Y5	8015	05/25/12	1
C22-C32 Hydrocarbons	14.	1.3	8.0	mg/kg	Y6	8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	8.0	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	57.4			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.50	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.10	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.050	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.050	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.50	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.050	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.025	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.010	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.050	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.050	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.010	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
Trinity Source Group - Santa Cruz,  
500 Chestnut Street, Ste. 225  
Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
Description : ABF Freight System Facility - Oakland, CA  
Sample ID : B-4 15FT  
Collected By : Cara Olson  
Collection Date : 05/21/12 16:40

ESC Sample # : L576962-04  
Site ID :  
Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.010	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.10	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.050	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.10	mg/kg		8260B	05/25/12	5
Naphthalene	0.0076	0.0028	0.050	mg/kg	J	8260B	05/25/12	5
n-Propylbenzene	0.0034	0.0017	0.010	mg/kg	J	8260B	05/25/12	5
Styrene	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.010	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.050	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.010	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.010	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.050	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.025	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.010	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.030	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	1.0	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.50	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.050	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.010	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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 Tax I.D. 62-0814289  
 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:40

ESC Sample # : L576962-04  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.0			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	93.7			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	101.			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2 5FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:05

ESC Sample # : L576962-05

Site ID :

Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.0	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.60	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	103.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	11.	0.73	4.8	mg/kg	Y5J6	8015	05/25/12	1
C22-C32 Hydrocarbons	5.1	1.3	4.8	mg/kg	Y6	8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	4.8	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	65.4			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.30	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.060	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.030	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.030	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.30	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.030	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.015	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.030	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.030	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0060	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD = TRRP SDL

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Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2 5FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:05

ESC Sample # : L576962-05  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.060	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.030	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.060	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.030	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0060	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.030	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0060	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0060	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.030	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.015	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.018	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.60	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.30	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.030	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2 5FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:05

ESC Sample # : L576962-05  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	93.7			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	90.1			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	102.			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-1 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 10:05

ESC Sample # : L576962-06  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	83.5	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.60	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	103.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	5.6	0.73	4.8	mg/kg	Y5	8015	05/25/12	1
C22-C32 Hydrocarbons	U	1.3	4.8	mg/kg		8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	4.8	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	65.7			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.30	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.060	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.030	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.030	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.30	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.030	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.015	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.030	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.030	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0060	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-1 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 10:05

ESC Sample # : L576962-06

Site ID :

Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.060	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.030	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.060	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.030	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0060	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.030	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0060	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0060	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.030	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.015	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.018	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.60	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.30	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.030	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-1 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 10:05

ESC Sample # : L576962-06  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	96.0			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	93.8			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	100.			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 12FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:35

ESC Sample # : L576962-07  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	69.5	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.72	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	104.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	23.	0.73	5.8	mg/kg	Y5	8015	05/25/12	1
C22-C32 Hydrocarbons	2.4	1.3	5.8	mg/kg	J	8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	5.8	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	73.3			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.36	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.072	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.036	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.036	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.36	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.036	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.018	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0072	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.036	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.036	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0072	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 12FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:35

ESC Sample # : L576962-07  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0072	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
Ethylbenzene	0.017	0.0019	0.0072	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
Isopropylbenzene	0.0024	0.0016	0.0072	mg/kg	J	8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.072	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.036	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.072	mg/kg		8260B	05/25/12	5
Naphthalene	0.0052	0.0028	0.036	mg/kg	J	8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0072	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.036	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0072	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0072	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.036	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.018	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0072	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0072	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0072	mg/kg		8260B	05/25/12	5
Xylenes, Total	0.0034	0.0023	0.022	mg/kg	J	8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0072	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.72	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0072	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0072	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.36	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.036	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0072	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD = TRRP SDL

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 12FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:35

ESC Sample # : L576962-07  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	92.0			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	91.4			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	102.			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:25

ESC Sample # : L576962-08  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	49.6	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	1.0	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	104.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	14.	0.73	8.1	mg/kg	Y5	8015	05/25/12	1
C22-C32 Hydrocarbons	14.	1.3	8.1	mg/kg	Y6	8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	8.1	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	64.1			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.50	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.10	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.050	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.050	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.50	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.050	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.025	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.010	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.050	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.010	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.010	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.010	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.010	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.050	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.010	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.010	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson
Trinity Source Group - Santa Cruz,
500 Chestnut Street, Ste. 225
Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012
Description : ABF Freight System Facility - Oakland, CA
Sample ID : B-2 15FT
Collected By : Cara Olson
Collection Date : 05/21/12 12:25

ESC Sample # : L576962-08
Site ID :
Project # :

Table with columns: Parameter, Dry Result, MDL, RDL, Units, Qualifier, Method, Date, Dil. Lists various chemical compounds and their detection limits.

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:25

ESC Sample # : L576962-08  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.4			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	90.1			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	100.			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-7 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 09:35

ESC Sample # : L576962-09  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	50.4	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.99	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	103.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	10.	0.73	7.9	mg/kg	Y5	8015	05/25/12	1
C22-C32 Hydrocarbons	U	1.3	7.9	mg/kg		8015	05/25/12	1
C32-C40 Hydrocarbons	U	1.3	7.9	mg/kg		8015	05/25/12	1
Surrogate Recovery o-Terphenyl	62.7			% Rec.		8015	05/25/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.50	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.099	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.050	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.050	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.50	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.050	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.025	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.050	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.050	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0099	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD = TRRP SDL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson
Trinity Source Group - Santa Cruz,
500 Chestnut Street, Ste. 225
Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012
Description : ABF Freight System Facility - Oakland, CA
Sample ID : B-7 15FT
Collected By : Cara Olson
Collection Date : 05/21/12 09:35

ESC Sample # : L576962-09

Site ID :

Project # :

Table with columns: Parameter, Dry Result, MDL, RDL, Units, Qualifier, Method, Date, Dil. Lists various chemical compounds and their detection limits.

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-7 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 09:35

ESC Sample # : L576962-09  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.3			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	93.4			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	98.6			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9 7FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:25

ESC Sample # : L576962-10  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	67.3	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.74	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	103.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	25.	0.73	5.9	mg/kg		8015	06/04/12	1
C22-C32 Hydrocarbons	6.4	1.3	5.9	mg/kg		8015	06/04/12	1
C32-C40 Hydrocarbons	U	1.3	5.9	mg/kg		8015	06/04/12	1
Surrogate Recovery o-Terphenyl	72.2			% Rec.		8015	06/04/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.37	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.074	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.037	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.037	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.37	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.037	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.018	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0074	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.037	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.037	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0074	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9 7FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:25

ESC Sample # : L576962-10  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0074	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	0.034	0.014	0.074	mg/kg	J	8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.037	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.074	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.037	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0074	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.037	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0074	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0074	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.037	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.018	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0074	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0074	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0074	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.022	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0074	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.74	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0074	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0074	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.37	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.037	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0074	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9 7FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:25

ESC Sample # : L576962-10  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	93.2			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	90.9			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	97.2			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6 17FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:50

ESC Sample # : L576962-11  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	54.2	0.0330	0.100	%		2540G	05/31/12	1
Cadmium	U	0.040	0.46	mg/kg		6010B	06/01/12	1
Chromium	96.	0.085	0.92	mg/kg		6010B	06/01/12	1
Lead	9.2	0.090	0.46	mg/kg		6010B	06/01/12	1
Nickel	76.	0.26	1.8	mg/kg		6010B	06/01/12	1
Zinc	76.	0.34	2.8	mg/kg		6010B	06/01/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	2.8	0.73	7.4	mg/kg	JWT8	8015	06/14/12	1
C22-C32 Hydrocarbons	U	1.3	7.4	mg/kg	WT8	8015	06/14/12	1
C32-C40 Hydrocarbons	U	1.3	7.4	mg/kg	WT8	8015	06/14/12	1
Surrogate Recovery								
o-Terphenyl	71.8			% Rec.		8015	06/14/12	1
Volatile Organics								
TPH (GC/MS) Low Fraction	U	0.82	4.6	mg/kg		8260B	05/25/12	5
Acetone	U	0.12	0.46	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.092	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.046	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.046	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.46	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.046	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.023	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.046	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.046	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6 17FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:50

ESC Sample # : L576962-11  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
1,1-Dichloroethane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0092	mg/kg		8260B	05/25/12	5
cis-1,2-Dichloroethene	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0092	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.092	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.046	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.092	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.046	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0092	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.046	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0092	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0092	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.046	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.023	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0092	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.028	mg/kg		8260B	05/25/12	5
Surrogate Recovery								
Toluene-d8	91.0			% Rec.		8260B	05/25/12	5
Dibromofluoromethane	96.6			% Rec.		8260B	05/25/12	5

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6 17FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:50

ESC Sample # : L576962-11  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
4-Bromofluorobenzene	95.7			% Rec.		8260B	05/25/12	5
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.0017	0.00076	0.011	mg/kg	J	8270C-SI	05/28/12	1
Acenaphthene	U	0.00071	0.011	mg/kg		8270C-SI	05/28/12	1
Acenaphthylene	U	0.00057	0.011	mg/kg		8270C-SI	05/28/12	1
Benzo(a)anthracene	U	0.00092	0.011	mg/kg		8270C-SI	05/28/12	1
Benzo(a)pyrene	U	0.00062	0.011	mg/kg		8270C-SI	05/28/12	1
Benzo(b)fluoranthene	U	0.00082	0.011	mg/kg		8270C-SI	05/28/12	1
Benzo(g,h,i)perylene	U	0.0012	0.011	mg/kg		8270C-SI	05/28/12	1
Benzo(k)fluoranthene	U	0.0013	0.011	mg/kg		8270C-SI	05/28/12	1
Chrysene	U	0.0011	0.011	mg/kg		8270C-SI	05/28/12	1
Dibenz(a,h)anthracene	U	0.0011	0.011	mg/kg		8270C-SI	05/28/12	1
Fluoranthene	U	0.0010	0.011	mg/kg		8270C-SI	05/28/12	1
Fluorene	U	0.00055	0.011	mg/kg		8270C-SI	05/28/12	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.011	mg/kg		8270C-SI	05/28/12	1
Naphthalene	0.0040	0.00065	0.011	mg/kg	J	8270C-SI	05/28/12	1
Phenanthrene	0.0044	0.00074	0.011	mg/kg	J	8270C-SI	05/28/12	1
Pyrene	0.0020	0.00059	0.011	mg/kg	J	8270C-SI	05/28/12	1
1-Methylnaphthalene	U	0.00079	0.011	mg/kg		8270C-SI	05/28/12	1
2-Methylnaphthalene	0.0024	0.00059	0.011	mg/kg	J	8270C-SI	05/28/12	1
2-Chloronaphthalene	U	0.00060	0.011	mg/kg		8270C-SI	05/28/12	1
Surrogate Recovery								
Nitrobenzene-d5	64.5			% Rec.		8270C-SI	05/28/12	1
2-Fluorobiphenyl	68.8			% Rec.		8270C-SI	05/28/12	1
p-Terphenyl-d14	87.7			% Rec.		8270C-SI	05/28/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-1 14FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 10:30

ESC Sample # : L576962-12  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	53.7	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.93	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	15.	0.73	7.4	mg/kg		8015	06/05/12	1
C22-C32 Hydrocarbons	13.	1.3	7.4	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	7.4	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	60.0			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.46	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.093	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.046	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.046	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.46	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.046	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.023	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0093	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.046	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.046	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0093	mg/kg		8260B	05/25/12	5

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Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-1 14FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 10:30

ESC Sample # : L576962-12  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0093	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.093	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.046	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.093	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.046	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0093	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.046	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0093	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0093	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.046	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.023	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0093	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0093	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0093	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.028	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0093	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.93	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0093	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0093	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.46	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.046	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0093	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-1 14FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 10:30

ESC Sample # : L576962-12  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	93.2			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	92.3			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	102.			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 19FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:15

ESC Sample # : L576962-13  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	59.7	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.84	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	105.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	3.0	0.73	6.7	mg/kg	J	8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	6.7	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	6.7	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	66.8			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.42	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.084	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.042	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.042	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.42	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.042	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.021	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0084	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.042	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.042	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0084	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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Reported: 06/14/12 17:12 Printed: 06/14/12 17:15



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 Mt. Juliet, TN 37122  
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 19FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:15

ESC Sample # : L576962-13  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0084	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.084	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.042	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.084	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.042	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0084	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.042	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0084	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0084	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.042	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.021	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0084	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0084	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0084	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.025	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0084	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.84	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0084	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0084	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.42	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.042	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0084	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 19FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:15

ESC Sample # : L576962-13  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.4			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	90.3			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	101.			%	Rec.	8260B	05/25/12	5

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Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:20

ESC Sample # : L576962-14

Site ID :

Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	81.0	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.62	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	104.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	180	7.3	49.	mg/kg		8015	06/05/12	10
C22-C32 Hydrocarbons	340	13.	49.	mg/kg		8015	06/05/12	10
C32-C40 Hydrocarbons	140	13.	49.	mg/kg		8015	06/05/12	10
Surrogate Recovery o-Terphenyl	20.7			% Rec.	J2	8015	06/05/12	10
Volatiles - Oxygenates								
Acetone	U	0.12	0.31	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.062	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.031	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.031	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.31	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.031	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.015	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0062	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.031	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.031	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0062	mg/kg		8260B	05/25/12	5

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L576962-14 (DROCAER) - matrix is very darl/thick; second extraction confirms



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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:20

ESC Sample # : L576962-14  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0062	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.062	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.031	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.062	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.031	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0062	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.031	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0062	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0062	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.031	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.015	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0062	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0062	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0062	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.018	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0062	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.62	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0062	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0062	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.31	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.031	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0062	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

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L576962-14 (DROCAER) - matrix is very darl/thick; second extraction confirms





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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 4FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:20

ESC Sample # : L576962-14  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	93.6			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	91.9			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	98.2			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6 9FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:20

ESC Sample # : L576962-15  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	68.7	0.0330	0.100	%		2540G	05/31/12	1
Cadmium	U	0.040	0.36	mg/kg		6010B	06/01/12	1
Chromium	79.	0.085	0.73	mg/kg		6010B	06/01/12	1
Lead	14.	0.090	0.36	mg/kg		6010B	06/01/12	1
Nickel	93.	0.26	1.4	mg/kg		6010B	06/01/12	1
Zinc	51.	0.34	2.2	mg/kg		6010B	06/01/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	U	0.73	5.8	mg/kg	WT8	8015	06/14/12	1
C22-C32 Hydrocarbons	U	1.3	5.8	mg/kg	WT8	8015	06/14/12	1
C32-C40 Hydrocarbons	U	1.3	5.8	mg/kg	WT8	8015	06/14/12	1
Surrogate Recovery								
o-Terphenyl	59.1			% Rec.		8015	06/14/12	1
Volatile Organics								
TPH (GC/MS) Low Fraction	U	0.82	3.6	mg/kg		8260B	05/25/12	5
Acetone	U	0.12	0.36	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.073	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.036	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.036	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.36	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.036	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.018	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0073	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.036	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.036	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6 9FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:20

ESC Sample # : L576962-15  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
1,1-Dichloroethane	U	0.0020	0.0073	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0073	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0073	mg/kg		8260B	05/25/12	5
cis-1,2-Dichloroethene	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0073	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0073	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0073	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.073	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.036	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.073	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0073	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.036	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0073	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0073	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0073	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.036	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0073	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0073	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0073	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.036	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.018	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0073	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0073	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0073	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.022	mg/kg		8260B	05/25/12	5
Surrogate Recovery								
Toluene-d8	93.5			% Rec.		8260B	05/25/12	5
Dibromofluoromethane	91.4			% Rec.		8260B	05/25/12	5

Results listed are dry weight basis.

U = ND (Not Detected)

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Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6 9FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:20

ESC Sample # : L576962-15  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
4-Bromofluorobenzene	103.			% Rec.		8260B	05/25/12	5
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0087	mg/kg		8270C-SI	05/28/12	1
Acenaphthene	U	0.00071	0.0087	mg/kg		8270C-SI	05/28/12	1
Acenaphthylene	U	0.00057	0.0087	mg/kg		8270C-SI	05/28/12	1
Benzo(a)anthracene	0.0022	0.00092	0.0087	mg/kg	J	8270C-SI	05/28/12	1
Benzo(a)pyrene	0.0012	0.00062	0.0087	mg/kg	J	8270C-SI	05/28/12	1
Benzo(b)fluoranthene	U	0.00082	0.0087	mg/kg		8270C-SI	05/28/12	1
Benzo(g,h,i)perylene	U	0.0012	0.0087	mg/kg		8270C-SI	05/28/12	1
Benzo(k)fluoranthene	U	0.0013	0.0087	mg/kg		8270C-SI	05/28/12	1
Chrysene	U	0.0011	0.0087	mg/kg		8270C-SI	05/28/12	1
Dibenz(a,h)anthracene	U	0.0011	0.0087	mg/kg		8270C-SI	05/28/12	1
Fluoranthene	0.0030	0.0010	0.0087	mg/kg	J	8270C-SI	05/28/12	1
Fluorene	0.0013	0.00055	0.0087	mg/kg	J	8270C-SI	05/28/12	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0087	mg/kg		8270C-SI	05/28/12	1
Naphthalene	0.0079	0.00065	0.0087	mg/kg	J	8270C-SI	05/28/12	1
Phenanthrene	0.0033	0.00074	0.0087	mg/kg	J	8270C-SI	05/28/12	1
Pyrene	0.0032	0.00059	0.0087	mg/kg	J	8270C-SI	05/28/12	1
1-Methylnaphthalene	0.0026	0.00079	0.0087	mg/kg	J	8270C-SI	05/28/12	1
2-Methylnaphthalene	0.0035	0.00059	0.0087	mg/kg	J	8270C-SI	05/28/12	1
2-Chloronaphthalene	U	0.00060	0.0087	mg/kg		8270C-SI	05/28/12	1
Surrogate Recovery								
Nitrobenzene-d5	74.8			% Rec.		8270C-SI	05/28/12	1
2-Fluorobiphenyl	78.5			% Rec.		8270C-SI	05/28/12	1
p-Terphenyl-d14	104.			% Rec.		8270C-SI	05/28/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-5 10FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 14:05

ESC Sample # : L576962-16  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	53.4	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.94	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	4.1	0.73	7.5	mg/kg	J	8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	7.5	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	3.7	1.3	7.5	mg/kg	J	8015	06/05/12	1
Surrogate Recovery o-Terphenyl	69.6			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.47	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.094	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.047	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.047	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.47	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.047	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.023	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0094	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.047	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.047	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0094	mg/kg		8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-5 10FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 14:05

ESC Sample # : L576962-16  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0094	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.094	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.047	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.094	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.047	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0094	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.047	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0094	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0094	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.047	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.023	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0094	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0094	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0094	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.028	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0094	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.94	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0094	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0094	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.47	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.047	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0094	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-5 10FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 14:05

ESC Sample # : L576962-16  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.9			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	93.8			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	99.4			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:10

ESC Sample # : L576962-17  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	50.3	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.99	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	4.2	0.73	8.0	mg/kg	J	8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	8.0	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	8.0	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	66.9			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.50	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.099	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.050	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.050	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.50	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.050	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.025	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.050	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.050	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0099	mg/kg		8260B	05/25/12	5

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
Trinity Source Group - Santa Cruz,  
500 Chestnut Street, Ste. 225  
Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
Description : ABF Freight System Facility - Oakland, CA  
Sample ID : B-3 15FT  
Collected By : Cara Olson  
Collection Date : 05/22/12 08:10

ESC Sample # : L576962-17  
Site ID :  
Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0099	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.099	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.050	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.099	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.050	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0099	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
Toluene	0.0034	0.0016	0.050	mg/kg	J	8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0099	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0099	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.050	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.025	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0099	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0099	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0099	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.030	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0099	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.99	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0099	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0099	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.50	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.050	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0099	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

U = ND (Not Detected)

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:10

ESC Sample # : L576962-17  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.7			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	92.5			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	98.0			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8 10FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:45

ESC Sample # : L576962-18  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	58.8	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.85	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	103.			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	5.3	0.73	6.8	mg/kg	J	8015	06/04/12	1
C22-C32 Hydrocarbons	U	1.3	6.8	mg/kg		8015	06/04/12	1
C32-C40 Hydrocarbons	U	1.3	6.8	mg/kg		8015	06/04/12	1
Surrogate Recovery o-Terphenyl	64.7			% Rec.		8015	06/04/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.42	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.085	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.042	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.042	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.42	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.042	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.021	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0085	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.042	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.042	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0085	mg/kg		8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8 10FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:45

ESC Sample # : L576962-18

Site ID :

Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0085	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.085	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.042	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.085	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.042	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0085	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.042	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0085	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0085	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.042	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.021	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0085	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0085	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0085	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.026	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0085	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.85	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0085	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0085	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.42	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.042	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0085	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD = TRRP SDL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8 10FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:45

ESC Sample # : L576962-18  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	90.6			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	95.3			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	96.9			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:30

ESC Sample # : L576962-19  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	54.6	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.92	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	95.9			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	4.8	0.73	7.3	mg/kg	J	8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	7.3	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	7.3	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	60.8			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.46	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.092	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.046	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.046	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.46	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.046	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.023	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.046	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.046	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0092	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:30

ESC Sample # : L576962-19  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0092	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	0.033	0.014	0.092	mg/kg	J	8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.046	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.092	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.046	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0092	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.046	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0092	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0092	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.046	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.023	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0092	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0092	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0092	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.027	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0092	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.92	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0092	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0092	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.46	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.046	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0092	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

U = ND (Not Detected)

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:30

ESC Sample # : L576962-19  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	93.2			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	93.0			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	95.8			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11 8FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:00

ESC Sample # : L576962-20  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	73.1	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.68	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	95.9			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	3.3	0.73	5.5	mg/kg	J	8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	5.5	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	5.5	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	72.3			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.34	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.068	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.034	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.034	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.34	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.034	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.017	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0068	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.034	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.034	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0068	mg/kg		8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11 8FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:00

ESC Sample # : L576962-20  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0068	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.068	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.034	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.068	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.034	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0068	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.034	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0068	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0068	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.034	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.017	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0068	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0068	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0068	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.020	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0068	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.68	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0068	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0068	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.34	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.034	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0068	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11 8FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:00

ESC Sample # : L576962-20  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	94.2			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	91.8			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	98.4			%	Rec.	8260B	05/25/12	5

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 25FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 14:55

ESC Sample # : L576962-21  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.0	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.60	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	95.9			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	3.0	0.73	4.8	mg/kg	J	8015	06/04/12	1
C22-C32 Hydrocarbons	U	1.3	4.8	mg/kg		8015	06/04/12	1
C32-C40 Hydrocarbons	U	1.3	4.8	mg/kg		8015	06/04/12	1
Surrogate Recovery o-Terphenyl	71.7			% Rec.		8015	06/04/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.30	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.060	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.030	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.030	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.30	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.030	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.015	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.030	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.030	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0060	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 25FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 14:55

ESC Sample # : L576962-21  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0060	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.060	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.030	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.060	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.030	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0060	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.030	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0060	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0060	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.030	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.015	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0060	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0060	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.018	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0060	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.60	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0060	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0060	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.30	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.030	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0060	mg/kg		8260B	05/25/12	5

Surrogate Recovery

Results listed are dry weight basis.

U = ND (Not Detected)

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4 25FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 14:55

ESC Sample # : L576962-21  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	92.5			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	95.3			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	96.8			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 9FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:00

ESC Sample # : L576962-22  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.6	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	6.0	1.4	5.9	mg/kg		8015D/GR	05/25/12	50
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	96.7			% Rec.		602/8015	05/25/12	50
Diesel Range Organics California								
C10-C22 Hydrocarbons	71.	0.73	4.7	mg/kg		8015	06/05/12	1
C22-C32 Hydrocarbons	14.	1.3	4.7	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	2.2	1.3	4.7	mg/kg	J	8015	06/05/12	1
Surrogate Recovery o-Terphenyl	63.5			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.30	mg/kg		8260B	05/31/12	5
Acrylonitrile	U	0.016	0.059	mg/kg		8260B	05/31/12	5
Benzene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
Bromobenzene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
Bromodichloromethane	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
Bromoform	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
Bromomethane	U	0.0088	0.030	mg/kg		8260B	05/31/12	5
n-Butylbenzene	0.0030	0.0017	0.0059	mg/kg	J	8260B	05/31/12	5
sec-Butylbenzene	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
tert-Butylbenzene	0.0060	0.0016	0.0059	mg/kg		8260B	05/31/12	5
Carbon tetrachloride	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
Chlorobenzene	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
Chlorodibromomethane	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
Chloroethane	U	0.0058	0.030	mg/kg		8260B	05/31/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.30	mg/kg		8260B	05/31/12	5
Chloroform	U	0.0021	0.030	mg/kg		8260B	05/31/12	5
Chloromethane	U	0.0035	0.015	mg/kg		8260B	05/31/12	5
2-Chlorotoluene	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
4-Chlorotoluene	U	0.0014	0.0059	mg/kg		8260B	05/31/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.030	mg/kg		8260B	05/31/12	5
1,2-Dibromoethane	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
Dibromomethane	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
1,2-Dichlorobenzene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
1,3-Dichlorobenzene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
1,4-Dichlorobenzene	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
Dichlorodifluoromethane	U	0.0038	0.030	mg/kg		8260B	05/31/12	5
1,1-Dichloroethane	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
1,2-Dichloroethane	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
1,1-Dichloroethene	U	0.0031	0.0059	mg/kg		8260B	05/31/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 9FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:00

ESC Sample # : L576962-22  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
1,2-Dichloropropane	U	0.0032	0.0059	mg/kg		8260B	05/31/12	5
1,1-Dichloropropene	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
1,3-Dichloropropane	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
2,2-Dichloropropane	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
Ethylbenzene	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
Isopropylbenzene	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
p-Isopropyltoluene	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
2-Butanone (MEK)	U	0.014	0.059	mg/kg		8260B	05/31/12	5
Methylene Chloride	U	0.0065	0.030	mg/kg		8260B	05/31/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.059	mg/kg		8260B	05/31/12	5
Naphthalene	U	0.0028	0.030	mg/kg		8260B	05/31/12	5
n-Propylbenzene	0.0022	0.0017	0.0059	mg/kg	J	8260B	05/31/12	5
Styrene	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0059	mg/kg		8260B	05/31/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
Tetrachloroethene	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
Toluene	U	0.0016	0.030	mg/kg		8260B	05/31/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0059	mg/kg		8260B	05/31/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0059	mg/kg		8260B	05/31/12	5
1,1,1-Trichloroethane	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
1,1,2-Trichloroethane	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
Trichloroethene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
Trichlorofluoromethane	U	0.0045	0.030	mg/kg		8260B	05/31/12	5
1,2,3-Trichloropropane	U	0.0056	0.015	mg/kg		8260B	05/31/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0059	mg/kg		8260B	05/31/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0059	mg/kg		8260B	05/31/12	5
Vinyl chloride	U	0.0019	0.0059	mg/kg		8260B	05/31/12	5
Xylenes, Total	U	0.0023	0.018	mg/kg		8260B	05/31/12	5
Di-isopropyl ether	U	0.0018	0.0059	mg/kg		8260B	05/31/12	5
Ethanol	U	0.24	0.59	mg/kg		8260B	05/31/12	5
Ethyl tert-butyl ether	U	0.0020	0.0059	mg/kg		8260B	05/31/12	5
Methyl tert-butyl ether	U	0.0016	0.0059	mg/kg		8260B	05/31/12	5
t-Amyl Alcohol	U	0.021	0.30	mg/kg		8260B	05/31/12	5
tert-Butyl alcohol	U	0.010	0.030	mg/kg		8260B	05/31/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0059	mg/kg		8260B	05/31/12	5
Surrogate Recovery								

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD = TRRP SDL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3 9FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:00

ESC Sample # : L576962-22  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	100.			%	Rec.	8260B	05/31/12	5
Dibromofluoromethane	99.4			%	Rec.	8260B	05/31/12	5
4-Bromofluorobenzene	112.			%	Rec.	8260B	05/31/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:20

ESC Sample # : L576962-23  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	52.0	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.96	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	97.3			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	5.4	0.73	7.7	mg/kg	J	8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	7.7	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	7.7	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	71.1			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.48	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.096	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.048	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.048	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.48	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.048	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.024	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.048	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.048	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0096	mg/kg		8260B	05/25/12	5

Results listed are dry weight basis.

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:20

ESC Sample # : L576962-23  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0096	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	U	0.014	0.096	mg/kg		8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.048	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.096	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.048	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0096	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.048	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0096	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0096	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.048	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.024	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0096	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0096	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0096	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.029	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0096	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.96	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0096	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0096	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.48	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	U	0.010	0.048	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0096	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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 Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11 15FT  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:20

ESC Sample # : L576962-23  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	92.5			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	92.3			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	99.2			%	Rec.	8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-7 12FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:25

ESC Sample # : L576962-24  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	76.2	0.0330	0.100	%		2540G	05/31/12	1
TPH (GC/FID) Low Fraction	U	0.14	0.66	mg/kg		8015D/GR	05/25/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	95.7			% Rec.		602/8015	05/25/12	5
Diesel Range Organics California								
C10-C22 Hydrocarbons	5.5	0.73	5.2	mg/kg		8015	06/05/12	1
C22-C32 Hydrocarbons	U	1.3	5.2	mg/kg		8015	06/05/12	1
C32-C40 Hydrocarbons	U	1.3	5.2	mg/kg		8015	06/05/12	1
Surrogate Recovery o-Terphenyl	67.4			% Rec.		8015	06/05/12	1
Volatiles - Oxygenates								
Acetone	U	0.12	0.33	mg/kg		8260B	05/25/12	5
Acrylonitrile	U	0.016	0.066	mg/kg		8260B	05/25/12	5
Benzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
Bromobenzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
Bromodichloromethane	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
Bromoform	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
Bromomethane	U	0.0088	0.033	mg/kg		8260B	05/25/12	5
n-Butylbenzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
sec-Butylbenzene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
tert-Butylbenzene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
Carbon tetrachloride	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
Chlorobenzene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
Chlorodibromomethane	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
Chloroethane	U	0.0058	0.033	mg/kg		8260B	05/25/12	5
2-Chloroethyl vinyl ether	U	0.0088	0.33	mg/kg		8260B	05/25/12	5
Chloroform	U	0.0021	0.033	mg/kg		8260B	05/25/12	5
Chloromethane	U	0.0035	0.016	mg/kg		8260B	05/25/12	5
2-Chlorotoluene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
4-Chlorotoluene	U	0.0014	0.0066	mg/kg		8260B	05/25/12	5
1,2-Dibromo-3-Chloropropane	U	0.010	0.033	mg/kg		8260B	05/25/12	5
1,2-Dibromoethane	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
Dibromomethane	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
1,2-Dichlorobenzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
1,3-Dichlorobenzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
1,4-Dichlorobenzene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
Dichlorodifluoromethane	U	0.0038	0.033	mg/kg		8260B	05/25/12	5
1,1-Dichloroethane	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
1,2-Dichloroethane	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
1,1-Dichloroethene	U	0.0031	0.0066	mg/kg		8260B	05/25/12	5

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-7 12FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:25

ESC Sample # : L576962-24

Site ID :

Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
cis-1,2-Dichloroethene	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
trans-1,2-Dichloroethene	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
1,2-Dichloropropane	U	0.0032	0.0066	mg/kg		8260B	05/25/12	5
1,1-Dichloropropene	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
1,3-Dichloropropane	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
cis-1,3-Dichloropropene	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
trans-1,3-Dichloropropene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
2,2-Dichloropropane	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
Ethylbenzene	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
Hexachloro-1,3-butadiene	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
Isopropylbenzene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
p-Isopropyltoluene	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
2-Butanone (MEK)	0.025	0.014	0.066	mg/kg	J	8260B	05/25/12	5
Methylene Chloride	U	0.0065	0.033	mg/kg		8260B	05/25/12	5
4-Methyl-2-pentanone (MIBK)	U	0.014	0.066	mg/kg		8260B	05/25/12	5
Naphthalene	U	0.0028	0.033	mg/kg		8260B	05/25/12	5
n-Propylbenzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
Styrene	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
1,1,1,2-Tetrachloroethane	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
1,1,2,2-Tetrachloroethane	U	0.0021	0.0066	mg/kg		8260B	05/25/12	5
1,1,2-Trichlorotrifluoroethane	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
Tetrachloroethene	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
Toluene	U	0.0016	0.033	mg/kg		8260B	05/25/12	5
1,2,3-Trichlorobenzene	U	0.0022	0.0066	mg/kg		8260B	05/25/12	5
1,2,4-Trichlorobenzene	U	0.0015	0.0066	mg/kg		8260B	05/25/12	5
1,1,1-Trichloroethane	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
1,1,2-Trichloroethane	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
Trichloroethene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
Trichlorofluoromethane	U	0.0045	0.033	mg/kg		8260B	05/25/12	5
1,2,3-Trichloropropane	U	0.0056	0.016	mg/kg		8260B	05/25/12	5
1,2,4-Trimethylbenzene	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
1,2,3-Trimethylbenzene	U	0.0014	0.0066	mg/kg		8260B	05/25/12	5
1,3,5-Trimethylbenzene	U	0.0017	0.0066	mg/kg		8260B	05/25/12	5
Vinyl chloride	U	0.0019	0.0066	mg/kg		8260B	05/25/12	5
Xylenes, Total	U	0.0023	0.020	mg/kg		8260B	05/25/12	5
Di-isopropyl ether	U	0.0018	0.0066	mg/kg		8260B	05/25/12	5
Ethanol	U	0.24	0.66	mg/kg		8260B	05/25/12	5
Ethyl tert-butyl ether	U	0.0020	0.0066	mg/kg		8260B	05/25/12	5
Methyl tert-butyl ether	U	0.0016	0.0066	mg/kg		8260B	05/25/12	5
t-Amyl Alcohol	U	0.021	0.33	mg/kg		8260B	05/25/12	5
tert-Butyl alcohol	0.094	0.010	0.033	mg/kg		8260B	05/25/12	5
tert-Amyl Methyl Ether	U	0.0014	0.0066	mg/kg		8260B	05/25/12	5
Surrogate Recovery								

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

June 14, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-7 12FT  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:25

ESC Sample # : L576962-24  
 Site ID :  
 Project # :

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Toluene-d8	93.3			%	Rec.	8260B	05/25/12	5
Dibromofluoromethane	92.0			%	Rec.	8260B	05/25/12	5
4-Bromofluorobenzene	101.			%	Rec.	8260B	05/25/12	5

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Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L576962-01	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5
	WG594649	SAMP	C22-C32 Hydrocarbons	R2186854	J
L576962-02	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	J
	WG594607	SAMP	Toluene	R2185394	J
	WG594607	SAMP	Xylenes, Total	R2185394	J
L576962-03	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	JY5
	WG594649	SAMP	C22-C32 Hydrocarbons	R2186854	J
L576962-04	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5
	WG594649	SAMP	C22-C32 Hydrocarbons	R2186854	Y6
	WG594607	SAMP	Naphthalene	R2185394	J
	WG594607	SAMP	n-Propylbenzene	R2185394	J
L576962-05	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5J6
	WG594649	SAMP	C22-C32 Hydrocarbons	R2186854	Y6
L576962-06	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5
L576962-07	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5
	WG594649	SAMP	C22-C32 Hydrocarbons	R2186854	J
	WG594616	SAMP	Isopropylbenzene	R2185474	J
	WG594616	SAMP	Naphthalene	R2185474	J
	WG594616	SAMP	Xylenes, Total	R2185474	J
L576962-08	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5
	WG594649	SAMP	C22-C32 Hydrocarbons	R2186854	Y6
L576962-09	WG594649	SAMP	C10-C22 Hydrocarbons	R2186854	Y5
L576962-10	WG594616	SAMP	2-Butanone (MEK)	R2185474	J
L576962-11	WG597839	SAMP	C10-C22 Hydrocarbons	R2210794	JWT8
	WG597839	SAMP	C22-C32 Hydrocarbons	R2210794	WT8
	WG597839	SAMP	C32-C40 Hydrocarbons	R2210794	WT8
	WG594680	SAMP	Anthracene	R2187515	J
	WG594680	SAMP	Naphthalene	R2187515	J
	WG594680	SAMP	Phenanthrene	R2187515	J
	WG594680	SAMP	Pyrene	R2187515	J
	WG594680	SAMP	2-Methylnaphthalene	R2187515	J
L576962-13	WG596107	SAMP	C10-C22 Hydrocarbons	R2197754	J
L576962-14	WG596107	SAMP	o-Terphenyl	R2197754	J2
L576962-15	WG597839	SAMP	C10-C22 Hydrocarbons	R2210794	WT8
	WG597839	SAMP	C22-C32 Hydrocarbons	R2210794	WT8
	WG597839	SAMP	C32-C40 Hydrocarbons	R2210794	WT8
	WG594680	SAMP	Benzo(a)anthracene	R2187515	J
	WG594680	SAMP	Benzo(a)pyrene	R2187515	J
	WG594680	SAMP	Fluoranthene	R2187515	J
	WG594680	SAMP	Fluorene	R2187515	J
	WG594680	SAMP	Naphthalene	R2187515	J
	WG594680	SAMP	Phenanthrene	R2187515	J
	WG594680	SAMP	Pyrene	R2187515	J
	WG594680	SAMP	1-Methylnaphthalene	R2187515	J
	WG594680	SAMP	2-Methylnaphthalene	R2187515	J
L576962-16	WG596107	SAMP	C10-C22 Hydrocarbons	R2197754	J
	WG596107	SAMP	C32-C40 Hydrocarbons	R2197754	J
L576962-17	WG596107	SAMP	C10-C22 Hydrocarbons	R2197754	J
	WG594616	SAMP	Toluene	R2185474	J
L576962-18	WG594844	SAMP	C10-C22 Hydrocarbons	R2195913	J
L576962-19	WG596107	SAMP	C10-C22 Hydrocarbons	R2197754	J
	WG594616	SAMP	2-Butanone (MEK)	R2185474	J
	WG596107	SAMP	C10-C22 Hydrocarbons	R2197754	J
L576962-20	WG594844	SAMP	C10-C22 Hydrocarbons	R2195913	J
L576962-21	WG596107	SAMP	C32-C40 Hydrocarbons	R2197754	J
L576962-22	WG595332	SAMP	n-Butylbenzene	R2190995	J
	WG595332	SAMP	n-Propylbenzene	R2190995	J
L576962-23	WG596107	SAMP	C10-C22 Hydrocarbons	R2197754	J
L576962-24	WG594616	SAMP	2-Butanone (MEK)	R2185474	J



Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
T8	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.
W	(ESC)-The laboratory analysis was from a sample collected in an improper container
Y5	This sample has responded in the Diesel range, however it does not appear to be a hydrocarbon product
Y6	This sample has responded in the Oil range, however it does not appear to be a hydrocarbon product

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
06/14/12 at 17:16:04

TSR Signing Reports: 358  
R5 - Desired TAT

Log all samples for QC2MODCN and EDD - Geotracker EDF. Log all full-scan VOC waters as V8260LL.  
All samples get MDL/RDL reporting.

Sample: L576962-01 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER/UNINV 646903 ln 6/12/12; Redo QC  
Sample: L576962-02 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-03 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-04 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-05 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-06 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-07 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-08 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-09 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-10 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-11 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/14/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER. Qualify DROCAER for being extracted OOH. Added DROCAER per  
J. Willis. ln 6/12/12  
Sample: L576962-12 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-13 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-14 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-15 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/14/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER. Qualify DROCAER for being extracted OOH. Added DROCAER per  
J. Willis. ln 6/12/12  
Sample: L576962-16 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-17 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-18 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-19 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-20 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-21 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-22 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-23 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER  
Sample: L576962-24 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/13/12 00:00 RPT Date: 06/14/12 17:12  
Silica gel clean-up on DROCAER

## Quality Control Summary

**SDG: L576856**

**For: Trinity Source Group - Santa Cruz, CA**

**Project: ABF Freight System Facility - Oakland,**

**June 01, 2012**

---

### Sample Receiving and Handling

All sample aliquots were received at the correct temperature, in the proper containers, and with the appropriate preservatives. All method specified holding times were met.

### BTEX by Method 8015D/GRO

#### **Laboratory Control Sample**

Samples L576856-06, -03, -07, -01, -04, -08, -02, and -05 were analyzed in analytical batch WG594489. The laboratory control sample associated with these samples was within the laboratory control limits for all compounds.

#### **Matrix Spike/Matrix Spike Duplicate**

For analytical batch WG594489 matrix spike/matrix spike duplicate analysis was performed on sample L576799-05. The matrix spike recoveries and relative percent differences were within laboratory control limits for all target analytes.

#### **Blank Analysis**

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

### Volatile Organic Compounds by Method 8260B

#### **Laboratory Control Sample**

Samples L576856-04, -06, -07, and -08 were analyzed in analytical batch WG594527. The laboratory control sample associated with these samples was within the laboratory control limits for all compounds.

Samples L576856-01 and 02 were analyzed in analytical batch WG594640. The laboratory control sample associated with these samples had all target compounds within method limits except for Acetone.

Samples L576856-03 and 05 were analyzed in analytical batch WG595165. The laboratory control sample associated with these samples was within the laboratory control limits for all compounds.

#### **Matrix Spike/Matrix Spike Duplicate**

For analytical batch WG594527 matrix spike/matrix spike duplicate analysis was performed on sample L576922-05. The matrix spike recoveries were above laboratory control limits for Trichloroethene. The matrix spike recoveries were below laboratory control limits for Vinyl acetate and 1,1,2,2-Tetrachloroethane. The spike recoveries for the remaining target compounds were within limits. The relative percent difference exceeded laboratory limits for Vinyl acetate and 1,1,2,2-Tetrachloroethane.

For analytical batch WG594640 matrix spike/matrix spike duplicate analysis was performed on sample L576920-11. The matrix spike recoveries and relative percent differences were within laboratory control limits for all target analytes.

For analytical batch WG595165 matrix spike/matrix spike duplicate analysis was performed on sample L576856-03. The matrix spike recoveries and relative percent differences were within laboratory control limits for all target analytes.

#### **Blank Analysis**

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.



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YOUR LAB OF CHOICE

## Quality Control Summary

**SDG: L576856**

**For: Trinity Source Group - Santa Cruz, CA**

**Project: ABF Freight System Facility - Oakland,**

**June 01, 2012**

---

### Diesel Range Organics by Method 8015

#### **Laboratory Control Sample**

Samples L576856-01, -02, -04, -05, -03, -08, -06, and -07 were analyzed in analytical batch WG594671. The laboratory control sample associated with these samples was within the laboratory control limits.

#### **Matrix Spike/Matrix Spike Duplicate**

Precision for batch WG594671 was evaluated using the LCS / LCSD. The RPDs were within method limits.

#### **Blank Analysis**

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

Nancy F. Winters  
ESC Representative  
ESC Lab Sciences



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Cora Olson  
Trinity Source Group - Santa Cruz, CA  
500 Chestnut Street, Ste. 225  
Santa Cruz, CA 95060

### Report Summary

Thursday May 31, 2012

Report Number: L576856


Samples Received: 05/24/12

Client Project:

Description: ABF Freight System Facility - Oakland, CA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

  
Jared Willis, ESC Representative

#### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:40

ESC Sample # : L576856-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	97.5			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	U	11.	50.	ug/l	J4	8260B	05/25/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/25/12	1
Benzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/25/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/25/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/25/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
n-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
sec-Butylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
tert-Butylbenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/25/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/25/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/25/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/25/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/25/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/25/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/25/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/25/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/25/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/25/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/25/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/25/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/25/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/25/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/25/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/25/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/25/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/25/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/25/12	1

U = ND (Not Detected)  
 RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL  
 MDL = Minimum Detection Limit = LOD = TRRP SDL

Note:

The reported analytical results relate only to the sample submitted.  
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Reported: 05/31/12 15:32 Printed: 05/31/12 15:33



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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-6  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 10:40

ESC Sample # : L576856-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/25/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/25/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/25/12	1
Naphthalene	U	0.69	5.0	ug/l		8260B	05/25/12	1
n-Propylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/25/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/25/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/25/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/25/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/25/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/25/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/25/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/25/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/25/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/25/12	1
Ethanol	U	42.	100	ug/l		8260B	05/25/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/25/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/25/12	1
Surrogate Recovery								
Toluene-d8	99.6			% Rec.		8260B	05/25/12	1
Dibromofluoromethane	110.			% Rec.		8260B	05/25/12	1
4-Bromofluorobenzene	95.1			% Rec.		8260B	05/25/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	140	33.	100	ug/l	Y5	3511/80	05/30/12	1
C22-C32 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
Surrogate Recovery								
o-Terphenyl	92.8			% Rec.		3511/80	05/30/12	1

U = ND (Not Detected)  
 RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL  
 MDL = Minimum Detection Limit = LOD = TRRP SDL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:40

ESC Sample # : L576856-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	96.7			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	U	11.	50.	ug/l	J4	8260B	05/25/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/25/12	1
Benzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/25/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/25/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/25/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
n-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
sec-Butylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
tert-Butylbenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/25/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/25/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/25/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/25/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/25/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/25/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/25/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/25/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/25/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/25/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/25/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/25/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/25/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/25/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/25/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/25/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/25/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/25/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/25/12	1

U = ND (Not Detected)  
 RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL  
 MDL = Minimum Detection Limit = LOD = TRRP SDL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-2  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 12:40

ESC Sample # : L576856-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/25/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/25/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/25/12	1
Naphthalene	U	0.69	5.0	ug/l		8260B	05/25/12	1
n-Propylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/25/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/25/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/25/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/25/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/25/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/25/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/25/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/25/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/25/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/25/12	1
Ethanol	U	42.	100	ug/l		8260B	05/25/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/25/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/25/12	1
Surrogate Recovery								
Toluene-d8	99.9			% Rec.		8260B	05/25/12	1
Dibromofluoromethane	112.			% Rec.		8260B	05/25/12	1
4-Bromofluorobenzene	97.7			% Rec.		8260B	05/25/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	76.	33.	100	ug/l	J	3511/80	05/30/12	1
C22-C32 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
Surrogate Recovery								
o-Terphenyl	93.6			% Rec.		3511/80	05/30/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:30

ESC Sample # : L576856-03

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	120	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	98.5			% Rec.		8015D/G	05/24/12	1
Volatile Organics								
Acetone	29.	11.	50.	ug/l	J	8260B	05/29/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/29/12	1
Benzene	U	0.18	1.0	ug/l		8260B	05/29/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/29/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/29/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/29/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/29/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/29/12	1
n-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/29/12	1
sec-Butylbenzene	0.73	0.18	1.0	ug/l	J	8260B	05/29/12	1
tert-Butylbenzene	0.82	0.21	1.0	ug/l	J	8260B	05/29/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/29/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/29/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/29/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/29/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/29/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/29/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/29/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/29/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/29/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/29/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/29/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/29/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/29/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/29/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/29/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/29/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/29/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/29/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/29/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/29/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/29/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/29/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/29/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/29/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/29/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/29/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/29/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-8  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 15:30

ESC Sample # : L576856-03  
 Site ID :  
 Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/29/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/29/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/29/12	1
Naphthalene	1.6	0.69	5.0	ug/l	J	8260B	05/29/12	1
n-Propylbenzene	U	0.18	1.0	ug/l		8260B	05/29/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/29/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/29/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/29/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/29/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/29/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/29/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/29/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/29/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/29/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/29/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/29/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/29/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/29/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/29/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/29/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/29/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/29/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/29/12	1
Ethanol	U	42.	100	ug/l		8260B	05/29/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/29/12	1
Methyl tert-butyl ether	3.1	0.27	1.0	ug/l		8260B	05/29/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/29/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/29/12	1
Surrogate Recovery								
Toluene-d8	107.			% Rec.		8260B	05/29/12	1
Dibromofluoromethane	110.			% Rec.		8260B	05/29/12	1
4-Bromofluorobenzene	108.			% Rec.		8260B	05/29/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	1400	33.	100	ug/l	Y5	3511/80	05/30/12	1
C22-C32 Hydrocarbons	100	33.	100	ug/l	Y6	3511/80	05/30/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
Surrogate Recovery								
o-Terphenyl	78.5			% Rec.		3511/80	05/30/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:55

ESC Sample # : L576856-04

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	230	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	96.8			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	U	11.	50.	ug/l		8260B	05/25/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/25/12	1
Benzene	0.97	0.18	1.0	ug/l	J	8260B	05/25/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/25/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/25/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/25/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
n-Butylbenzene	0.48	0.20	1.0	ug/l	J	8260B	05/25/12	1
sec-Butylbenzene	0.35	0.18	1.0	ug/l	J	8260B	05/25/12	1
tert-Butylbenzene	1.1	0.21	1.0	ug/l		8260B	05/25/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/25/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/25/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/25/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/25/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/25/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/25/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/25/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/25/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/25/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/25/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/25/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/25/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/25/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/25/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/25/12	1
Ethylbenzene	0.51	0.27	1.0	ug/l	J	8260B	05/25/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/25/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/25/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/25/12	1

U = ND (Not Detected)  
 RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL  
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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-4  
 Collected By : Cara Olson  
 Collection Date : 05/21/12 16:55

ESC Sample # : L576856-04

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/25/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/25/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/25/12	1
Naphthalene	7.6	0.69	5.0	ug/l		8260B	05/25/12	1
n-Propylbenzene	2.2	0.18	1.0	ug/l		8260B	05/25/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/25/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/25/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/25/12	1
Toluene	0.31	0.16	5.0	ug/l	J	8260B	05/25/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/25/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/25/12	1
1,2,4-Trimethylbenzene	0.61	0.20	1.0	ug/l	J	8260B	05/25/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/25/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/25/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/25/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/25/12	1
Ethanol	U	42.	100	ug/l		8260B	05/25/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/25/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/25/12	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	05/25/12	1
Dibromofluoromethane	99.5			% Rec.		8260B	05/25/12	1
4-Bromofluorobenzene	98.9			% Rec.		8260B	05/25/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	600	33.	100	ug/l	Y5	3511/80	05/30/12	1
C22-C32 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/30/12	1
Surrogate Recovery								
o-Terphenyl	101.			% Rec.		3511/80	05/30/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:15

ESC Sample # : L576856-05

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	490	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	91.3			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	24.	11.	50.	ug/l	J	8260B	05/29/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/29/12	1
Benzene	0.99	0.18	1.0	ug/l	J	8260B	05/29/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/29/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/29/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/29/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/29/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/29/12	1
n-Butylbenzene	3.7	0.20	1.0	ug/l		8260B	05/29/12	1
sec-Butylbenzene	1.3	0.18	1.0	ug/l		8260B	05/29/12	1
tert-Butylbenzene	5.4	0.21	1.0	ug/l		8260B	05/29/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/29/12	1
Carbon disulfide	0.36	0.22	1.0	ug/l	J	8260B	05/29/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/29/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/29/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/29/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/29/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/29/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/29/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/29/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/29/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/29/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/29/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/29/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/29/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/29/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/29/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/29/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/29/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/29/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/29/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/29/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/29/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/29/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/29/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/29/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/29/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/29/12	1

U = ND (Not Detected)  
 RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL  
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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-3  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 08:15

ESC Sample # : L576856-05  
 Site ID :  
 Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/29/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/29/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/29/12	1
Naphthalene	13.	0.69	5.0	ug/l		8260B	05/29/12	1
n-Propylbenzene	6.0	0.18	1.0	ug/l		8260B	05/29/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/29/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/29/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/29/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/29/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/29/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/29/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/29/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/29/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/29/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/29/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/29/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/29/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/29/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/29/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/29/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/29/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/29/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/29/12	1
Ethanol	U	42.	100	ug/l		8260B	05/29/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/29/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/29/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/29/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/29/12	1
Surrogate Recovery								
Toluene-d8	106.			% Rec.		8260B	05/29/12	1
Dibromofluoromethane	111.			% Rec.		8260B	05/29/12	1
4-Bromofluorobenzene	106.			% Rec.		8260B	05/29/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	1000	33.	100	ug/l	Y5	3511/80	05/30/12	1
C22-C32 Hydrocarbons	71.	33.	100	ug/l	J	3511/80	05/30/12	1
C32-C40 Hydrocarbons	60.	33.	100	ug/l	J	3511/80	05/30/12	1
Surrogate Recovery								
o-Terphenyl	76.7			% Rec.		3511/80	05/30/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:25

ESC Sample # : L576856-06

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	98.5			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	30.	11.	50.	ug/l	J	8260B	05/25/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/25/12	1
Benzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/25/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/25/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/25/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
n-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
sec-Butylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
tert-Butylbenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/25/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/25/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/25/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/25/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/25/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/25/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/25/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/25/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/25/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/25/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/25/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/25/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/25/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/25/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/25/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/25/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/25/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/25/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/25/12	1

U = ND (Not Detected)  
 RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL  
 MDL = Minimum Detection Limit = LOD = TRRP SDL

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-9  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 09:25

ESC Sample # : L576856-06

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/25/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/25/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/25/12	1
Naphthalene	U	0.69	5.0	ug/l		8260B	05/25/12	1
n-Propylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/25/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/25/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/25/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/25/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/25/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/25/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/25/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/25/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/25/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/25/12	1
Ethanol	U	42.	100	ug/l		8260B	05/25/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/25/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/25/12	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	05/25/12	1
Dibromofluoromethane	100.			% Rec.		8260B	05/25/12	1
4-Bromofluorobenzene	102.			% Rec.		8260B	05/25/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	180	33.	100	ug/l	Y5	3511/80	05/31/12	1
C22-C32 Hydrocarbons	U	33.	100	ug/l		3511/80	05/31/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/31/12	1
Surrogate Recovery								
o-Terphenyl	80.4			% Rec.		3511/80	05/31/12	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 12:15

ESC Sample # : L576856-07

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	59.	40.	100	ug/l	J	8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	98.5			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	U	11.	50.	ug/l		8260B	05/25/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/25/12	1
Benzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/25/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/25/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/25/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
n-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
sec-Butylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
tert-Butylbenzene	1.0	0.21	1.0	ug/l		8260B	05/25/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/25/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/25/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/25/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/25/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/25/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/25/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/25/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/25/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/25/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/25/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/25/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/25/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/25/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/25/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/25/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/25/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/25/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/25/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/25/12	1

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-10  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 12:15

ESC Sample # : L576856-07

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/25/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/25/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/25/12	1
Naphthalene	U	0.69	5.0	ug/l		8260B	05/25/12	1
n-Propylbenzene	0.42	0.18	1.0	ug/l	J	8260B	05/25/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/25/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/25/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/25/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/25/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/25/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/25/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/25/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/25/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/25/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/25/12	1
Ethanol	U	42.	100	ug/l		8260B	05/25/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/25/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/25/12	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	05/25/12	1
Dibromofluoromethane	97.6			% Rec.		8260B	05/25/12	1
4-Bromofluorobenzene	101.			% Rec.		8260B	05/25/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	2300	33.	100	ug/l	Y5	3511/80	05/31/12	1
C22-C32 Hydrocarbons	100	33.	100	ug/l		3511/80	05/31/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/31/12	1
Surrogate Recovery								
o-Terphenyl	93.5			% Rec.		3511/80	05/31/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:00

ESC Sample # : L576856-08

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	40.	100	ug/l		8015D/G	05/24/12	1
Surrogate Recovery-% a,a,a-Trifluorotoluene(FID)	99.2			% Rec.		8015D/G	05/24/12	1
<b>Volatile Organics</b>								
Acetone	U	11.	50.	ug/l		8260B	05/25/12	1
Acrylonitrile	U	1.7	10.	ug/l		8260B	05/25/12	1
Benzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Bromobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Bromochloromethane	U	0.42	1.0	ug/l		8260B	05/25/12	1
Bromodichloromethane	U	0.21	1.0	ug/l		8260B	05/25/12	1
Bromoform	U	0.46	1.0	ug/l		8260B	05/25/12	1
Bromomethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
n-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
sec-Butylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
tert-Butylbenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
Carbon tetrachloride	U	0.38	1.0	ug/l		8260B	05/25/12	1
Carbon disulfide	U	0.22	1.0	ug/l		8260B	05/25/12	1
Chlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
Chlorodibromomethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
Chloroethane	U	1.4	5.0	ug/l		8260B	05/25/12	1
Chloroform	U	0.22	5.0	ug/l		8260B	05/25/12	1
Chloromethane	U	0.46	2.5	ug/l		8260B	05/25/12	1
1,2-Dibromo-3-Chloropropane	U	1.1	5.0	ug/l		8260B	05/25/12	1
1,2-Dibromoethane	U	0.44	1.0	ug/l		8260B	05/25/12	1
Dibromomethane	U	0.51	1.0	ug/l		8260B	05/25/12	1
1,2-Dichlorobenzene	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,3-Dichlorobenzene	U	0.25	1.0	ug/l		8260B	05/25/12	1
1,4-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/25/12	1
trans-1,4-Dichloro-2-butene	U	0.89	2.5	ug/l		8260B	05/25/12	1
Dichlorodifluoromethane	U	0.57	5.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloroethane	U	0.26	1.0	ug/l		8260B	05/25/12	1
1,1-Dichloroethene	U	0.40	1.0	ug/l		8260B	05/25/12	1
cis-1,2-Dichloroethene	U	0.27	1.0	ug/l		8260B	05/25/12	1
trans-1,2-Dichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,2-Dichloropropane	U	0.47	1.0	ug/l		8260B	05/25/12	1
cis-1,3-Dichloropropene	U	0.23	1.0	ug/l		8260B	05/25/12	1
trans-1,3-Dichloropropene	U	0.39	1.0	ug/l		8260B	05/25/12	1
Ethylbenzene	U	0.27	1.0	ug/l		8260B	05/25/12	1
Hexachloro-1,3-butadiene	U	0.49	1.0	ug/l		8260B	05/25/12	1
2-Hexanone	U	2.4	10.	ug/l		8260B	05/25/12	1
2-Butanone (MEK)	U	3.0	10.	ug/l		8260B	05/25/12	1

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REPORT OF ANALYSIS

Cora Olson  
 Trinity Source Group - Santa Cruz,  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

May 31, 2012

Date Received : May 24, 2012  
 Description : ABF Freight System Facility - Oakland, CA  
 Sample ID : B-11  
 Collected By : Cara Olson  
 Collection Date : 05/22/12 13:00

ESC Sample # : L576856-08

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Iodomethane	U	1.6	10.	ug/l		8260B	05/25/12	1
Methylene Chloride	U	0.79	5.0	ug/l		8260B	05/25/12	1
4-Methyl-2-pentanone (MIBK)	U	0.80	10.	ug/l		8260B	05/25/12	1
Naphthalene	U	0.69	5.0	ug/l		8260B	05/25/12	1
n-Propylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Styrene	U	0.30	1.0	ug/l		8260B	05/25/12	1
1,1,1,2-Tetrachloroethane	U	0.31	1.0	ug/l		8260B	05/25/12	1
1,1,2,2-Tetrachloroethane	U	0.29	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichlorotrifluoroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Tetrachloroethene	U	0.24	1.0	ug/l		8260B	05/25/12	1
Toluene	U	0.16	5.0	ug/l		8260B	05/25/12	1
1,2,4-Trichlorobenzene	U	0.21	1.0	ug/l		8260B	05/25/12	1
1,1,1-Trichloroethane	U	0.24	1.0	ug/l		8260B	05/25/12	1
1,1,2-Trichloroethane	U	0.38	1.0	ug/l		8260B	05/25/12	1
Trichloroethene	U	0.29	1.0	ug/l		8260B	05/25/12	1
Trichlorofluoromethane	U	0.49	5.0	ug/l		8260B	05/25/12	1
1,2,3-Trichloropropane	U	0.52	2.5	ug/l		8260B	05/25/12	1
1,2,4-Trimethylbenzene	U	0.20	1.0	ug/l		8260B	05/25/12	1
1,3,5-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/25/12	1
Vinyl acetate	U	1.2	10.	ug/l		8260B	05/25/12	1
Vinyl chloride	U	0.28	1.0	ug/l		8260B	05/25/12	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/25/12	1
Di-isopropyl ether	U	0.24	1.0	ug/l		8260B	05/25/12	1
Ethanol	U	42.	100	ug/l		8260B	05/25/12	1
Ethyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
Methyl tert-butyl ether	U	0.27	1.0	ug/l		8260B	05/25/12	1
tert-Butyl alcohol	U	2.4	5.0	ug/l		8260B	05/25/12	1
tert-Amyl Methyl Ether	U	0.26	1.0	ug/l		8260B	05/25/12	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	05/25/12	1
Dibromofluoromethane	97.1			% Rec.		8260B	05/25/12	1
4-Bromofluorobenzene	102.			% Rec.		8260B	05/25/12	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	660	33.	100	ug/l	Y5	3511/80	05/31/12	1
C22-C32 Hydrocarbons	U	33.	100	ug/l		3511/80	05/31/12	1
C32-C40 Hydrocarbons	U	33.	100	ug/l		3511/80	05/31/12	1
Surrogate Recovery								
o-Terphenyl	82.3			% Rec.		3511/80	05/31/12	1

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Attachment A  
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L576856-01	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5
	WG594640	SAMP	Acetone	R2186453	J4
L576856-02	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	J
	WG594640	SAMP	Acetone	R2186453	J4
L576856-03	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5
	WG594671	SAMP	C22-C32 Hydrocarbons	R2190655	Y6
	WG595165	SAMP	Acetone	R2189040	J
	WG595165	SAMP	sec-Butylbenzene	R2189040	J
	WG595165	SAMP	tert-Butylbenzene	R2189040	J
	WG595165	SAMP	Naphthalene	R2189040	J
L576856-04	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5
	WG594527	SAMP	Benzene	R2188333	J
	WG594527	SAMP	n-Butylbenzene	R2188333	J
	WG594527	SAMP	sec-Butylbenzene	R2188333	J
	WG594527	SAMP	Ethylbenzene	R2188333	J
	WG594527	SAMP	Toluene	R2188333	J
	WG594527	SAMP	1,2,4-Trimethylbenzene	R2188333	J
L576856-05	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5
	WG594671	SAMP	C22-C32 Hydrocarbons	R2190655	J
	WG594671	SAMP	C32-C40 Hydrocarbons	R2190655	J
	WG595165	SAMP	Acetone	R2189040	J
	WG595165	SAMP	Benzene	R2189040	J
	WG595165	SAMP	Carbon disulfide	R2189040	J
L576856-06	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5
	WG594527	SAMP	Acetone	R2188333	J
L576856-07	WG594489	SAMP	TPH (GC/FID) Low Fraction	R2188073	J
	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5
	WG594527	SAMP	n-Propylbenzene	R2188333	J
L576856-08	WG594671	SAMP	C10-C22 Hydrocarbons	R2190655	Y5

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J4	The associated batch QC was outside the established quality control range for accuracy.
Y5	This sample has responded in the Diesel range, however it does not appear to be a hydrocarbon product
Y6	This sample has responded in the Oil range, however it does not appear to be a hydrocarbon product

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
05/31/12 at 15:33:23

TSR Signing Reports: 358  
R5 - Desired TAT

Log all samples for QC2MODCN and EDD - Geotracker EDF. Log all full-scan VOC waters as V8260LL.  
All samples get MDL/RDL reporting. Accounting-pending credit application.

Sample: L576856-01 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-02 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-03 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-04 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-05 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-06 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-07 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI  
Sample: L576856-08 Account: TRINITYSCCA Received: 05/24/12 09:00 Due Date: 06/01/12 00:00 RPT Date: 05/31/12 15:32  
Silica gel clean-up on DROCAERLVI



## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	BTEX by Method 8015D/GRO		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594489</b>
Analysis Date:	5/24/2012 10:59:00 PM	Analyst:	366
Instrument ID:	VOCGC7		
Sample Numbers:	L576856-06, -03, -07, -01, -04, -08, -02, -05		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
TPH (GC/FID) LOW FRACTION		<0.100	

#### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TPH (GC/FID) LOW FRACTION	5.50	5.76	105	70 - 124	

#### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TPH (GC/FID) LOW FRACTION	5.50	5.59	102	70 - 124	



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 Est. 1970

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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Method 8015D/GRO	Matrix:	Water - mg/L
Project No:		EPA ID:	TN00003
Project:	ABF Freight System Facility - Oakland, CA	<b>Analytic Batch:</b>	<b>WG594489</b>
Collection Date:	5/21/2012	Analyst:	366
Analysis Date:	5/24/2012		
Instrument ID:	VOCGC7		
Sample Numbers:	L576856-06, -03, -07, -01, -04, -08, -02, -05		

### Surrogate Summary

Laboratory Sample ID	a,a,a-Trifluorotoluene - FID		a,a,a-Trifluorotoluene - PID	
	ppb	% Rec	ppb	% Rec
LCS WG594489	210	105		
LCSD WG594489	211	105		
MS WG594489	211	105		
MSD WG594489	208	104		
Blank WG594489	199	99.5		
L576856-01	195	97.5		
L576856-02	193	96.7		
L576856-03	197	98.5		
L576856-04	194	96.8		
L576856-05	183	91.3		
L576856-06	197	98.5		
L576856-07	197	98.5		
L576856-08	198	99.2		

a,a,a-Trifluorotoluene (FID) 200 ppb Limits - 62 - 128  
 a,a,a-Trifluorotoluene (PID) 200 ppb Limits - 0 - 0



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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test: BTEX by Method 8015D/GRO  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: **WG594489**  
 Analysis Date: 5/24/2012 10:59:00 PM Analyst: 366  
 Instrument ID: VOCGC7  
 Sample Numbers: L576856-06, -03, -07, -01, -04, -08, -02, -05

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
TPH (GC/FID) LOW FRACTION	5.50	5.76	105	5.59	102	70-124		2.9	20	

#### Matrix Spike/Matrix Spike Duplicate

L576799-05

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
TPH (GC/FID) LOW	5.50	0.920	6.27	97.3	6.22	96.3	55-109		0.8	20	



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 Est. 1970

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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Method 8015D/GRO	Matrix:	Water - mg/L
Project No:		EPA ID:	TN00003
Project:	ABF Freight System Facility - Oakland, CA	<b>Analytic Batch:</b>	<b>WG594489</b>
Collection Date:	5/21/2012	Analyst:	366
Analysis Date:	5/24/2012		
Instrument ID:	VOCGC7		
Sample Numbers:	L576856-06, -03, -07, -01, -04, -08, -02, -05		

### Internal Standard Response and Retention Time Summary

FileID:0524\_03.D

Date:5/24/2012

Time:11:15 AM

	Response	IS - FID RT	Response	IS - PID RT
12 Hour Std	7954408	4.66	22687755	4.66
Upper Limit	15908816	5.16	45375510	5.16
Lower Limit	3977204	4.16	11343877.5	4.16

Sample ID	Response	RT	Response	RT
Blank WG594489	7246278	4.67	20367235	4.67
L576856-01	7215135	4.66	20324864	4.66
L576856-02	6400930	4.66	18069968	4.66
L576856-03	7217967	4.66	20283297	4.66
L576856-04	7108993	4.66	19903416	4.66
LCS WG594489	7671492	4.66	21452056	4.66
LCSD WG594489	7883732	4.66	22129080	4.66
MS WG594489	7665865	4.66	20845633	4.66
MSD WG594489	8066553	4.66	22105279	4.66



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 Est. 1970

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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Method 8015D/GRO	Matrix:	Water - mg/L
Project No:		EPA ID:	TN00003
Project:	ABF Freight System Facility - Oakland, CA	<b>Analytic Batch:</b>	<b>WG594489</b>
Collection Date:	5/21/2012	Analyst:	366
Analysis Date:	5/24/2012		
Instrument ID:	VOCGC7		
Sample Numbers:	L576856-06, -03, -07, -01, -04, -08, -02, -05		

### Internal Standard Response and Retention Time Summary

FileID:0524\_22.D

Date:5/24/2012

Time:9:37 PM

	IS - FID		IS - PID	
	Response	RT	Response	RT
12 Hour Std	7650142	4.66	21831491	4.66
Upper Limit	15300284	5.16	43662982	5.16
Lower Limit	3825071	4.16	10915745.5	4.16
Sample ID	Response	RT	Response	RT
L576856-05	7245291	4.66	18926236	4.66
L576856-06	6962578	4.66	19672348	4.66
L576856-07	6521116	4.66	18381273	4.66
L576856-08	5783804	4.66	16495672	4.66

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
Dichlorodifluoromethane	75-71-8	<0.0050	
Chloromethane	74-87-3	<0.0025	
Vinyl chloride	75-01-4	<0.0010	
Bromomethane	74-83-9	<0.0050	
Chloroethane	75-00-3	<0.0050	
Trichlorofluoromethane	75-69-4	<0.0050	
1,1-Dichloroethene	75-35-4	<0.0010	
1,1,2-Trichlorotrifluoroethane	76-13-1	<0.0010	
Acetone	67-64-1	<0.0500	
Iodomethane	74-88-4	<0.0100	
Carbon disulfide	75-15-0	<0.0010	
Methylene Chloride	75-09-2	<0.0050	
Acrylonitrile	107-13-1	<0.0100	
trans-1,2-Dichloroethene	156-60-5	<0.0010	
Methyl tert-butyl ether	1634-04-4	<0.0010	
1,1-Dichloroethane	75-34-3	<0.0010	
Vinyl acetate	108-05-4	<0.0100	
Di-isopropyl ether	108-20-3	<0.0010	
cis-1,2-Dichloroethene	156-59-2	<0.0010	
2-Butanone (MEK)	78-93-3	<0.0100	
Bromochloromethane	74-97-5	<0.0010	
Chloroform	67-66-3	<0.0050	
1,1,1-Trichloroethane	71-55-6	<0.0010	
Carbon tetrachloride	56-23-5	<0.0010	
Benzene	71-43-2	<0.0010	
1,2-Dichloroethane	107-06-2	<0.0010	
Trichloroethene	79-01-6	<0.0010	
1,2-Dichloropropane	78-87-5	<0.0010	
Dibromomethane	74-95-3	<0.0010	
Bromodichloromethane	75-27-4	<0.0010	
cis-1,3-Dichloropropene	10061-01-5	<0.0010	
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.0100	
Toluene	108-88-3	<0.0050	
trans-1,3-Dichloropropene	10061-02-6	<0.0010	
1,1,2-Trichloroethane	79-00-5	<0.0010	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
Tetrachloroethene	127-18-4	<0.0010	
2-Hexanone	591-78-6	<0.0100	
Chlorodibromomethane	124-48-1	<0.0010	
1,2-Dibromoethane	106-93-4	<0.0010	
Chlorobenzene	108-90-7	<0.0010	
1,1,1,2-Tetrachloroethane	630-20-6	<0.0010	
Ethylbenzene	100-41-4	<0.0010	
m&p-Xylene	1330-20-7	<0.0030	
o-Xylene	1330-20-7	<0.0030	
Styrene	100-42-5	<0.0010	
Bromoform	75-25-2	<0.0010	
Bromobenzene	108-86-1	<0.0010	
1,1,2,2-Tetrachloroethane	79-34-5	<0.0010	
1,2,3-Trichloropropane	96-18-4	<0.0025	
trans-1,4-Dichloro-2-butene	110-57-6	<0.0025	
n-Propylbenzene	103-65-1	<0.0010	
1,3,5-Trimethylbenzene	108-67-8	<0.0010	
tert-Butylbenzene	98-06-6	<0.0010	
1,2,4-Trimethylbenzene	95-63-6	<0.0010	
sec-Butylbenzene	135-98-8	<0.0010	
1,3-Dichlorobenzene	541-73-1	<0.0010	
1,4-Dichlorobenzene	106-46-7	<0.0010	
1,2-Dichlorobenzene	95-50-1	<0.0010	
n-Butylbenzene	104-51-8	<0.0010	
1,2-Dibromo-3-Chloropropane	96-12-8	<0.0050	
1,2,4-Trichlorobenzene	120-82-1	<0.0010	
Hexachloro-1,3-butadiene	87-68-3	<0.0010	
Naphthalene	91-20-3	<0.0050	
Ethanol	64-17-5	<0.100	
tert-Butyl alcohol	75-65-0	<0.0050	
Ethyl tert-butyl ether	637-92-3	<0.0010	
tert-Amyl Methyl Ether	994-05-8	<0.0010	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
Dichlorodifluoromethane	75-71-8	<0.0050	
Chloromethane	74-87-3	<0.0025	
Vinyl chloride	75-01-4	<0.0010	
Bromomethane	74-83-9	<0.0050	
Chloroethane	75-00-3	<0.0050	
Trichlorofluoromethane	75-69-4	<0.0050	
1,1-Dichloroethene	75-35-4	<0.0010	
1,1,2-Trichlorotrifluoroethane	76-13-1	<0.0010	
Acetone	67-64-1	<0.0500	
Iodomethane	74-88-4	<0.0100	
Carbon disulfide	75-15-0	<0.0010	
Methylene Chloride	75-09-2	<0.0050	
Acrylonitrile	107-13-1	<0.0100	
trans-1,2-Dichloroethene	156-60-5	<0.0010	
Methyl tert-butyl ether	1634-04-4	<0.0010	
1,1-Dichloroethane	75-34-3	<0.0010	
Vinyl acetate	108-05-4	<0.0100	
Di-isopropyl ether	108-20-3	<0.0010	
cis-1,2-Dichloroethene	156-59-2	<0.0010	
2-Butanone (MEK)	78-93-3	<0.0100	
Bromochloromethane	74-97-5	<0.0010	
Chloroform	67-66-3	<0.0050	
1,1,1-Trichloroethane	71-55-6	<0.0010	
Carbon tetrachloride	56-23-5	<0.0010	
Benzene	71-43-2	<0.0010	
1,2-Dichloroethane	107-06-2	<0.0010	
Trichloroethene	79-01-6	<0.0010	
1,2-Dichloropropane	78-87-5	<0.0010	
Dibromomethane	74-95-3	<0.0010	
Bromodichloromethane	75-27-4	<0.0010	
cis-1,3-Dichloropropene	10061-01-5	<0.0010	
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.0100	
Toluene	108-88-3	<0.0050	
trans-1,3-Dichloropropene	10061-02-6	<0.0010	
1,1,2-Trichloroethane	79-00-5	<0.0010	



## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
Tetrachloroethene	127-18-4	<0.0010	
2-Hexanone	591-78-6	<0.0100	
Chlorodibromomethane	124-48-1	<0.0010	
1,2-Dibromoethane	106-93-4	<0.0010	
Chlorobenzene	108-90-7	<0.0010	
1,1,1,2-Tetrachloroethane	630-20-6	<0.0010	
Ethylbenzene	100-41-4	<0.0010	
m&p-Xylene	1330-20-7	<0.0030	
o-Xylene	1330-20-7	<0.0030	
Styrene	100-42-5	<0.0010	
Bromoform	75-25-2	<0.0010	
Bromobenzene	108-86-1	<0.0010	
1,1,2,2-Tetrachloroethane	79-34-5	<0.0010	
1,2,3-Trichloropropane	96-18-4	<0.0025	
trans-1,4-Dichloro-2-butene	110-57-6	<0.0025	
n-Propylbenzene	103-65-1	<0.0010	
1,3,5-Trimethylbenzene	108-67-8	<0.0010	
tert-Butylbenzene	98-06-6	<0.0010	
1,2,4-Trimethylbenzene	95-63-6	<0.0010	
sec-Butylbenzene	135-98-8	<0.0010	
1,3-Dichlorobenzene	541-73-1	<0.0010	
1,4-Dichlorobenzene	106-46-7	<0.0010	
1,2-Dichlorobenzene	95-50-1	<0.0010	
n-Butylbenzene	104-51-8	<0.0010	
1,2-Dibromo-3-Chloropropane	96-12-8	<0.0050	
1,2,4-Trichlorobenzene	120-82-1	<0.0010	
Hexachloro-1,3-butadiene	87-68-3	<0.0010	
Naphthalene	91-20-3	<0.0050	
Ethanol	64-17-5	<0.100	
tert-Butyl alcohol	75-65-0	<0.0050	
Ethyl tert-butyl ether	637-92-3	<0.0010	
tert-Amyl Methyl Ether	994-05-8	<0.0010	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
Dichlorodifluoromethane	75-71-8	<0.0050	
Chloromethane	74-87-3	<0.0025	
Vinyl chloride	75-01-4	<0.0010	
Bromomethane	74-83-9	<0.0050	
Chloroethane	75-00-3	<0.0050	
Trichlorofluoromethane	75-69-4	<0.0050	
1,1-Dichloroethene	75-35-4	<0.0010	
1,1,2-Trichlorotrifluoroethane	76-13-1	<0.0010	
Acetone	67-64-1	<0.0500	
Iodomethane	74-88-4	<0.0100	
Carbon disulfide	75-15-0	<0.0010	
Methylene Chloride	75-09-2	<0.0050	
Acrylonitrile	107-13-1	<0.0100	
trans-1,2-Dichloroethene	156-60-5	<0.0010	
Methyl tert-butyl ether	1634-04-4	<0.0010	
1,1-Dichloroethane	75-34-3	<0.0010	
Vinyl acetate	108-05-4	<0.0100	
Di-isopropyl ether	108-20-3	<0.0010	
cis-1,2-Dichloroethene	156-59-2	<0.0010	
2-Butanone (MEK)	78-93-3	<0.0100	
Bromochloromethane	74-97-5	<0.0010	
Chloroform	67-66-3	<0.0050	
1,1,1-Trichloroethane	71-55-6	<0.0010	
Carbon tetrachloride	56-23-5	<0.0010	
Benzene	71-43-2	<0.0010	
1,2-Dichloroethane	107-06-2	<0.0010	
Trichloroethene	79-01-6	<0.0010	
1,2-Dichloropropane	78-87-5	<0.0010	
Dibromomethane	74-95-3	<0.0010	
Bromodichloromethane	75-27-4	<0.0010	
cis-1,3-Dichloropropene	10061-01-5	<0.0010	
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.0100	
Toluene	108-88-3	<0.0050	
trans-1,3-Dichloropropene	10061-02-6	<0.0010	
1,1,2-Trichloroethane	79-00-5	<0.0010	

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
Tetrachloroethene	127-18-4	<0.0010	
2-Hexanone	591-78-6	<0.0100	
Chlorodibromomethane	124-48-1	<0.0010	
1,2-Dibromoethane	106-93-4	<0.0010	
Chlorobenzene	108-90-7	<0.0010	
1,1,1,2-Tetrachloroethane	630-20-6	<0.0010	
Ethylbenzene	100-41-4	<0.0010	
m&p-Xylene	1330-20-7	<0.0030	
o-Xylene	1330-20-7	<0.0030	
Styrene	100-42-5	<0.0010	
Bromoform	75-25-2	<0.0010	
Bromobenzene	108-86-1	<0.0010	
1,1,2,2-Tetrachloroethane	79-34-5	<0.0010	
1,2,3-Trichloropropane	96-18-4	<0.0025	
trans-1,4-Dichloro-2-butene	110-57-6	<0.0025	
n-Propylbenzene	103-65-1	<0.0010	
1,3,5-Trimethylbenzene	108-67-8	<0.0010	
tert-Butylbenzene	98-06-6	<0.0010	
1,2,4-Trimethylbenzene	95-63-6	<0.0010	
sec-Butylbenzene	135-98-8	<0.0010	
1,3-Dichlorobenzene	541-73-1	<0.0010	
1,4-Dichlorobenzene	106-46-7	<0.0010	
1,2-Dichlorobenzene	95-50-1	<0.0010	
n-Butylbenzene	104-51-8	<0.0010	
1,2-Dibromo-3-Chloropropane	96-12-8	<0.0050	
1,2,4-Trichlorobenzene	120-82-1	<0.0010	
Hexachloro-1,3-butadiene	87-68-3	<0.0010	
Naphthalene	91-20-3	<0.0050	
Ethanol	64-17-5	<0.100	
tert-Butyl alcohol	75-65-0	<0.0050	
Ethyl tert-butyl ether	637-92-3	<0.0010	
tert-Amyl Methyl Ether	994-05-8	<0.0010	

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Dichlorodifluoromethane	0.0250	0.0253	101	33 - 173	
Chloromethane	0.0250	0.0278	111	50 - 141	
Vinyl chloride	0.0250	0.0263	105	55 - 142	
Bromomethane	0.0250	0.0332	133	42 - 172	
Chloroethane	0.0250	0.0262	105	52 - 164	
Trichlorofluoromethane	0.0250	0.0259	104	53 - 161	
1,1-Dichloroethene	0.0250	0.0272	109	54 - 134	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0277	111	53 - 143	
Acetone	0.125	0.138	110	49 - 153	
Iodomethane	0.125	0.142	113	54 - 139	
Carbon disulfide	0.0250	0.0304	122	19 - 150	
Methylene Chloride	0.0250	0.0250	100.0	67 - 122	
Acrylonitrile	0.125	0.132	105	53 - 153	
trans-1,2-Dichloroethene	0.0250	0.0269	108	63 - 127	
Methyl tert-butyl ether	0.0250	0.0262	105	67 - 127	
1,1-Dichloroethane	0.0250	0.0256	103	73 - 123	
Vinyl acetate	0.125	0.126	100	47 - 161	
Di-isopropyl ether	0.0250	0.0264	106	66 - 129	
cis-1,2-Dichloroethene	0.0250	0.0275	110	75 - 121	
2-Butanone (MEK)	0.125	0.154	123	58 - 144	
Bromochloromethane	0.0250	0.0271	108	79 - 124	
Chloroform	0.0250	0.0260	104	76 - 122	
1,1,1-Trichloroethane	0.0250	0.0261	105	71 - 126	
Carbon tetrachloride	0.0250	0.0273	109	63 - 129	
Benzene	0.0250	0.0267	107	72 - 119	
1,2-Dichloroethane	0.0250	0.0238	95.3	69 - 128	
Trichloroethene	0.0250	0.0277	111	69 - 131	
1,2-Dichloropropane	0.0250	0.0276	110	77 - 121	
Dibromomethane	0.0250	0.0269	108	77 - 124	
Bromodichloromethane	0.0250	0.0266	106	75 - 127	
cis-1,3-Dichloropropene	0.0250	0.0278	111	74 - 124	
4-Methyl-2-pentanone (MIBK)	0.125	0.137	110	58 - 147	
Toluene	0.0250	0.0264	106	75 - 114	
trans-1,3-Dichloropropene	0.0250	0.0270	108	69 - 124	
1,1,2-Trichloroethane	0.0250	0.0278	111	81 - 121	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Tetrachloroethene	0.0250	0.0277	111	69 - 131	
2-Hexanone	0.125	0.156	125	62 - 144	
Chlorodibromomethane	0.0250	0.0285	114	73 - 128	
1,2-Dibromoethane	0.0250	0.0282	113	78 - 124	
Chlorobenzene	0.0250	0.0275	110	78 - 123	
1,1,1,2-Tetrachloroethane	0.0250	0.0277	111	77 - 128	
Ethylbenzene	0.0250	0.0276	110	77 - 124	
m&p-Xylene	0.0500	0.0534	107	76 - 123	
o-Xylene	0.0250	0.0272	109	77 - 125	
Styrene	0.0250	0.0279	112	69 - 145	
Bromoform	0.0250	0.0300	120	61 - 136	
Bromobenzene	0.0250	0.0254	102	76 - 121	
1,1,2,2-Tetrachloroethane	0.0250	0.0267	107	78 - 130	
1,2,3-Trichloropropane	0.0250	0.0275	110	68 - 130	
trans-1,4-Dichloro-2-butene	0.0250	0.0273	109	58 - 137	
n-Propylbenzene	0.0250	0.0266	106	77 - 125	
1,3,5-Trimethylbenzene	0.0250	0.0267	107	78 - 127	
tert-Butylbenzene	0.0250	0.0275	110	76 - 131	
1,2,4-Trimethylbenzene	0.0250	0.0269	107	77 - 129	
sec-Butylbenzene	0.0250	0.0266	107	77 - 130	
1,3-Dichlorobenzene	0.0250	0.0279	112	77 - 127	
1,4-Dichlorobenzene	0.0250	0.0242	96.8	79 - 117	
1,2-Dichlorobenzene	0.0250	0.0245	98.1	82 - 121	
n-Butylbenzene	0.0250	0.0235	93.9	74 - 130	
1,2-Dibromo-3-Chloropropane	0.0250	0.0221	88.4	55 - 142	
1,2,4-Trichlorobenzene	0.0250	0.0262	105	76 - 127	
Hexachloro-1,3-butadiene	0.0250	0.0243	97.4	71 - 134	
Naphthalene	0.0250	0.0242	96.7	70 - 134	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Dichlorodifluoromethane	0.0250	0.0262	105	33 - 173	
Chloromethane	0.0250	0.0288	115	50 - 141	
Vinyl chloride	0.0250	0.0271	108	55 - 142	
Bromomethane	0.0250	0.0342	137	42 - 172	
Chloroethane	0.0250	0.0277	111	52 - 164	
Trichlorofluoromethane	0.0250	0.0271	108	53 - 161	
1,1-Dichloroethene	0.0250	0.0285	114	54 - 134	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0293	117	53 - 143	
Acetone	0.125	0.146	117	49 - 153	
Iodomethane	0.125	0.151	120	54 - 139	
Carbon disulfide	0.0250	0.0323	129	19 - 150	
Methylene Chloride	0.0250	0.0266	106	67 - 122	
Acrylonitrile	0.125	0.143	115	53 - 153	
trans-1,2-Dichloroethene	0.0250	0.0279	112	63 - 127	
Methyl tert-butyl ether	0.0250	0.0284	113	67 - 127	
1,1-Dichloroethane	0.0250	0.0270	108	73 - 123	
Vinyl acetate	0.125	0.128	103	47 - 161	
Di-isopropyl ether	0.0250	0.0276	110	66 - 129	
cis-1,2-Dichloroethene	0.0250	0.0281	113	75 - 121	
2-Butanone (MEK)	0.125	0.166	133	58 - 144	
Bromochloromethane	0.0250	0.0289	116	79 - 124	
Chloroform	0.0250	0.0271	108	76 - 122	
1,1,1-Trichloroethane	0.0250	0.0265	106	71 - 126	
Carbon tetrachloride	0.0250	0.0284	114	63 - 129	
Benzene	0.0250	0.0271	108	72 - 119	
1,2-Dichloroethane	0.0250	0.0244	97.4	69 - 128	
Trichloroethene	0.0250	0.0300	120	69 - 131	
1,2-Dichloropropane	0.0250	0.0298	119	77 - 121	
Dibromomethane	0.0250	0.0289	116	77 - 124	
Bromodichloromethane	0.0250	0.0279	112	75 - 127	
cis-1,3-Dichloropropene	0.0250	0.0288	115	74 - 124	
4-Methyl-2-pentanone (MIBK)	0.125	0.150	120	58 - 147	
Toluene	0.0250	0.0279	112	75 - 114	
trans-1,3-Dichloropropene	0.0250	0.0290	116	69 - 124	
1,1,2-Trichloroethane	0.0250	0.0292	117	81 - 121	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Tetrachloroethene	0.0250	0.0295	118	69 - 131	
2-Hexanone	0.125	0.170	136	62 - 144	
Chlorodibromomethane	0.0250	0.0303	121	73 - 128	
1,2-Dibromoethane	0.0250	0.0303	121	78 - 124	
Chlorobenzene	0.0250	0.0293	117	78 - 123	
1,1,1,2-Tetrachloroethane	0.0250	0.0307	123	77 - 128	
Ethylbenzene	0.0250	0.0293	117	77 - 124	
m&p-Xylene	0.0500	0.0575	115	76 - 123	
o-Xylene	0.0250	0.0293	117	77 - 125	
Styrene	0.0250	0.0298	119	69 - 145	
Bromoform	0.0250	0.0329	132	61 - 136	
Bromobenzene	0.0250	0.0265	106	76 - 121	
1,1,2,2-Tetrachloroethane	0.0250	0.0281	112	78 - 130	
1,2,3-Trichloropropane	0.0250	0.0297	119	68 - 130	
trans-1,4-Dichloro-2-butene	0.0250	0.0270	108	58 - 137	
n-Propylbenzene	0.0250	0.0280	112	77 - 125	
1,3,5-Trimethylbenzene	0.0250	0.0282	113	78 - 127	
tert-Butylbenzene	0.0250	0.0295	118	76 - 131	
1,2,4-Trimethylbenzene	0.0250	0.0283	113	77 - 129	
sec-Butylbenzene	0.0250	0.0282	113	77 - 130	
1,3-Dichlorobenzene	0.0250	0.0309	123	77 - 127	
1,4-Dichlorobenzene	0.0250	0.0278	111	79 - 117	
1,2-Dichlorobenzene	0.0250	0.0281	112	82 - 121	
n-Butylbenzene	0.0250	0.0260	104	74 - 130	
1,2-Dibromo-3-Chloropropane	0.0250	0.0254	101	55 - 142	
1,2,4-Trichlorobenzene	0.0250	0.0308	123	76 - 127	
Hexachloro-1,3-butadiene	0.0250	0.0275	110	71 - 134	
Naphthalene	0.0250	0.0282	113	70 - 134	



## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Dichlorodifluoromethane	0.0250	0.0264	106	33 - 173	
Chloromethane	0.0250	0.0193	77.4	50 - 141	
Vinyl chloride	0.0250	0.0260	104	55 - 142	
Bromomethane	0.0250	0.0228	91.0	42 - 172	
Chloroethane	0.0250	0.0241	96.3	52 - 164	
Trichlorofluoromethane	0.0250	0.0276	111	53 - 161	
1,1-Dichloroethene	0.0250	0.0236	94.5	54 - 134	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0285	114	53 - 143	
Acetone	0.125	0.196	156	49 - 153	J4
Iodomethane	0.125	0.142	114	54 - 139	
Carbon disulfide	0.0250	0.0313	125	19 - 150	
Methylene Chloride	0.0250	0.0226	90.5	67 - 122	
Acrylonitrile	0.125	0.110	88.1	53 - 153	
trans-1,2-Dichloroethene	0.0250	0.0241	96.2	63 - 127	
Methyl tert-butyl ether	0.0250	0.0217	86.8	67 - 127	
1,1-Dichloroethane	0.0250	0.0237	94.8	73 - 123	
Vinyl acetate	0.125	0.107	85.8	47 - 161	
Di-isopropyl ether	0.0250	0.0224	89.6	66 - 129	
cis-1,2-Dichloroethene	0.0250	0.0252	101	75 - 121	
2-Butanone (MEK)	0.125	0.161	128	58 - 144	
Bromochloromethane	0.0250	0.0250	100	79 - 124	
Chloroform	0.0250	0.0247	98.7	76 - 122	
1,1,1-Trichloroethane	0.0250	0.0250	100	71 - 126	
Carbon tetrachloride	0.0250	0.0256	102	63 - 129	
Benzene	0.0250	0.0238	95.2	72 - 119	
1,2-Dichloroethane	0.0250	0.0232	92.7	69 - 128	
Trichloroethene	0.0250	0.0240	96.1	69 - 131	
1,2-Dichloropropane	0.0250	0.0227	90.9	77 - 121	
Dibromomethane	0.0250	0.0261	104	77 - 124	
Bromodichloromethane	0.0250	0.0239	95.5	75 - 127	
cis-1,3-Dichloropropene	0.0250	0.0232	92.7	74 - 124	
4-Methyl-2-pentanone (MIBK)	0.125	0.111	88.9	58 - 147	
Toluene	0.0250	0.0232	92.9	75 - 114	
trans-1,3-Dichloropropene	0.0250	0.0214	85.7	69 - 124	
1,1,2-Trichloroethane	0.0250	0.0238	95.1	81 - 121	



## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Tetrachloroethene	0.0250	0.0231	92.5	69 - 131	
2-Hexanone	0.125	0.125	99.7	62 - 144	
Chlorodibromomethane	0.0250	0.0247	98.7	73 - 128	
1,2-Dibromoethane	0.0250	0.0237	94.7	78 - 124	
Chlorobenzene	0.0250	0.0230	92.0	78 - 123	
1,1,1,2-Tetrachloroethane	0.0250	0.0240	96.0	77 - 128	
Ethylbenzene	0.0250	0.0234	93.5	77 - 124	
m&p-Xylene	0.0500	0.0465	92.9	76 - 123	
o-Xylene	0.0250	0.0235	94.0	77 - 125	
Styrene	0.0250	0.0235	94.1	69 - 145	
Bromoform	0.0250	0.0245	98.1	61 - 136	
Bromobenzene	0.0250	0.0230	92.2	76 - 121	
1,1,2,2-Tetrachloroethane	0.0250	0.0234	93.7	78 - 130	
1,2,3-Trichloropropane	0.0250	0.0242	96.6	68 - 130	
trans-1,4-Dichloro-2-butene	0.0250	0.0244	97.4	58 - 137	
n-Propylbenzene	0.0250	0.0240	96.1	77 - 125	
1,3,5-Trimethylbenzene	0.0250	0.0233	93.2	78 - 127	
tert-Butylbenzene	0.0250	0.0236	94.3	76 - 131	
1,2,4-Trimethylbenzene	0.0250	0.0230	92.2	77 - 129	
sec-Butylbenzene	0.0250	0.0234	93.6	77 - 130	
1,3-Dichlorobenzene	0.0250	0.0237	94.7	77 - 127	
1,4-Dichlorobenzene	0.0250	0.0238	95.3	79 - 117	
1,2-Dichlorobenzene	0.0250	0.0239	95.5	82 - 121	
n-Butylbenzene	0.0250	0.0241	96.4	74 - 130	
1,2-Dibromo-3-Chloropropane	0.0250	0.0249	99.5	55 - 142	
1,2,4-Trichlorobenzene	0.0250	0.0250	99.9	76 - 127	
Hexachloro-1,3-butadiene	0.0250	0.0229	91.6	71 - 134	
Naphthalene	0.0250	0.0243	97.1	70 - 134	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Dichlorodifluoromethane	0.0250	0.0263	105	33 - 173	
Chloromethane	0.0250	0.0198	79.2	50 - 141	
Vinyl chloride	0.0250	0.0263	105	55 - 142	
Bromomethane	0.0250	0.0239	95.6	42 - 172	
Chloroethane	0.0250	0.0226	90.3	52 - 164	
Trichlorofluoromethane	0.0250	0.0262	105	53 - 161	
1,1-Dichloroethene	0.0250	0.0231	92.3	54 - 134	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0284	113	53 - 143	
Acetone	0.125	0.207	166	49 - 153	J4
Iodomethane	0.125	0.139	111	54 - 139	
Carbon disulfide	0.0250	0.0298	119	19 - 150	
Methylene Chloride	0.0250	0.0221	88.6	67 - 122	
Acrylonitrile	0.125	0.119	95.0	53 - 153	
trans-1,2-Dichloroethene	0.0250	0.0242	96.7	63 - 127	
Methyl tert-butyl ether	0.0250	0.0227	90.6	67 - 127	
1,1-Dichloroethane	0.0250	0.0236	94.4	73 - 123	
Vinyl acetate	0.125	0.113	90.4	47 - 161	
Di-isopropyl ether	0.0250	0.0222	88.8	66 - 129	
cis-1,2-Dichloroethene	0.0250	0.0257	103	75 - 121	
2-Butanone (MEK)	0.125	0.175	140	58 - 144	
Bromochloromethane	0.0250	0.0245	98.0	79 - 124	
Chloroform	0.0250	0.0250	100	76 - 122	
1,1,1-Trichloroethane	0.0250	0.0242	96.9	71 - 126	
Carbon tetrachloride	0.0250	0.0249	99.6	63 - 129	
Benzene	0.0250	0.0234	93.5	72 - 119	
1,2-Dichloroethane	0.0250	0.0244	97.6	69 - 128	
Trichloroethene	0.0250	0.0228	91.2	69 - 131	
1,2-Dichloropropane	0.0250	0.0221	88.2	77 - 121	
Dibromomethane	0.0250	0.0265	106	77 - 124	
Bromodichloromethane	0.0250	0.0232	92.7	75 - 127	
cis-1,3-Dichloropropene	0.0250	0.0229	91.4	74 - 124	
4-Methyl-2-pentanone (MIBK)	0.125	0.120	96.3	58 - 147	
Toluene	0.0250	0.0228	91.3	75 - 114	
trans-1,3-Dichloropropene	0.0250	0.0224	89.5	69 - 124	
1,1,2-Trichloroethane	0.0250	0.0238	95.1	81 - 121	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Tetrachloroethene	0.0250	0.0213	85.4	69 - 131	
2-Hexanone	0.125	0.131	104	62 - 144	
Chlorodibromomethane	0.0250	0.0236	94.3	73 - 128	
1,2-Dibromoethane	0.0250	0.0221	88.4	78 - 124	
Chlorobenzene	0.0250	0.0227	90.7	78 - 123	
1,1,1,2-Tetrachloroethane	0.0250	0.0236	94.4	77 - 128	
Ethylbenzene	0.0250	0.0220	87.9	77 - 124	
m&p-Xylene	0.0500	0.0451	90.2	76 - 123	
o-Xylene	0.0250	0.0229	91.7	77 - 125	
Styrene	0.0250	0.0224	89.6	69 - 145	
Bromoform	0.0250	0.0254	102	61 - 136	
Bromobenzene	0.0250	0.0219	87.7	76 - 121	
1,1,2,2-Tetrachloroethane	0.0250	0.0242	96.6	78 - 130	
1,2,3-Trichloropropane	0.0250	0.0253	101	68 - 130	
trans-1,4-Dichloro-2-butene	0.0250	0.0244	97.5	58 - 137	
n-Propylbenzene	0.0250	0.0228	91.0	77 - 125	
1,3,5-Trimethylbenzene	0.0250	0.0220	88.2	78 - 127	
tert-Butylbenzene	0.0250	0.0219	87.7	76 - 131	
1,2,4-Trimethylbenzene	0.0250	0.0220	88.1	77 - 129	
sec-Butylbenzene	0.0250	0.0227	90.6	77 - 130	
1,3-Dichlorobenzene	0.0250	0.0224	89.6	77 - 127	
1,4-Dichlorobenzene	0.0250	0.0232	92.9	79 - 117	
1,2-Dichlorobenzene	0.0250	0.0247	98.6	82 - 121	
n-Butylbenzene	0.0250	0.0229	91.6	74 - 130	
1,2-Dibromo-3-Chloropropane	0.0250	0.0277	111	55 - 142	
1,2,4-Trichlorobenzene	0.0250	0.0254	102	76 - 127	
Hexachloro-1,3-butadiene	0.0250	0.0218	87.0	71 - 134	
Naphthalene	0.0250	0.0264	105	70 - 134	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Dichlorodifluoromethane	0.0250	0.0249	99.4	33 - 173	
Chloromethane	0.0250	0.0248	99.2	50 - 141	
Vinyl chloride	0.0250	0.0241	96.5	55 - 142	
Bromomethane	0.0250	0.0249	99.7	42 - 172	
Chloroethane	0.0250	0.0222	88.7	52 - 164	
Trichlorofluoromethane	0.0250	0.0255	102	53 - 161	
1,1-Dichloroethene	0.0250	0.0298	119	54 - 134	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0282	113	53 - 143	
Acetone	0.125	0.133	107	49 - 153	
Iodomethane	0.125	0.127	102	54 - 139	
Carbon disulfide	0.0250	0.0288	115	19 - 150	
Methylene Chloride	0.0250	0.0234	93.6	67 - 122	
Acrylonitrile	0.125	0.116	92.9	53 - 153	
trans-1,2-Dichloroethene	0.0250	0.0250	100	63 - 127	
Methyl tert-butyl ether	0.0250	0.0228	91.4	67 - 127	
1,1-Dichloroethane	0.0250	0.0243	97.3	73 - 123	
Vinyl acetate	0.125	0.106	84.5	47 - 161	
Di-isopropyl ether	0.0250	0.0233	93.0	66 - 129	
cis-1,2-Dichloroethene	0.0250	0.0251	101	75 - 121	
2-Butanone (MEK)	0.125	0.123	98.1	58 - 144	
Bromochloromethane	0.0250	0.0255	102	79 - 124	
Chloroform	0.0250	0.0243	97.1	76 - 122	
1,1,1-Trichloroethane	0.0250	0.0244	97.8	71 - 126	
Carbon tetrachloride	0.0250	0.0249	99.7	63 - 129	
Benzene	0.0250	0.0247	98.8	72 - 119	
1,2-Dichloroethane	0.0250	0.0238	95.1	69 - 128	
Trichloroethene	0.0250	0.0268	107	69 - 131	
1,2-Dichloropropane	0.0250	0.0252	101	77 - 121	
Dibromomethane	0.0250	0.0257	103	77 - 124	
Bromodichloromethane	0.0250	0.0245	97.8	75 - 127	
cis-1,3-Dichloropropene	0.0250	0.0248	99.3	74 - 124	
4-Methyl-2-pentanone (MIBK)	0.125	0.112	89.3	58 - 147	
Toluene	0.0250	0.0243	97.4	75 - 114	
trans-1,3-Dichloropropene	0.0250	0.0244	97.5	69 - 124	
1,1,2-Trichloroethane	0.0250	0.0241	96.5	81 - 121	

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Tetrachloroethene	0.0250	0.0254	101	69 - 131	
2-Hexanone	0.125	0.113	90.2	62 - 144	
Chlorodibromomethane	0.0250	0.0246	98.5	73 - 128	
1,2-Dibromoethane	0.0250	0.0245	97.9	78 - 124	
Chlorobenzene	0.0250	0.0247	99.0	78 - 123	
1,1,1,2-Tetrachloroethane	0.0250	0.0250	100.0	77 - 128	
Ethylbenzene	0.0250	0.0248	99.3	77 - 124	
m&p-Xylene	0.0500	0.0495	98.9	76 - 123	
o-Xylene	0.0250	0.0248	99.2	77 - 125	
Styrene	0.0250	0.0248	99.0	69 - 145	
Bromoform	0.0250	0.0237	94.9	61 - 136	
Bromobenzene	0.0250	0.0235	94.1	76 - 121	
1,1,2,2-Tetrachloroethane	0.0250	0.0227	90.9	78 - 130	
1,2,3-Trichloropropane	0.0250	0.0229	91.5	68 - 130	
trans-1,4-Dichloro-2-butene	0.0250	0.0213	85.1	58 - 137	
n-Propylbenzene	0.0250	0.0245	97.8	77 - 125	
1,3,5-Trimethylbenzene	0.0250	0.0251	100	78 - 127	
tert-Butylbenzene	0.0250	0.0250	99.8	76 - 131	
1,2,4-Trimethylbenzene	0.0250	0.0246	98.5	77 - 129	
sec-Butylbenzene	0.0250	0.0249	99.7	77 - 130	
1,3-Dichlorobenzene	0.0250	0.0253	101	77 - 127	
1,4-Dichlorobenzene	0.0250	0.0247	98.8	79 - 117	
1,2-Dichlorobenzene	0.0250	0.0247	98.7	82 - 121	
n-Butylbenzene	0.0250	0.0243	97.1	74 - 130	
1,2-Dibromo-3-Chloropropane	0.0250	0.0230	92.1	55 - 142	
1,2,4-Trichlorobenzene	0.0250	0.0240	96.2	76 - 127	
Hexachloro-1,3-butadiene	0.0250	0.0243	97.1	71 - 134	
Naphthalene	0.0250	0.0234	93.5	70 - 134	

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Dichlorodifluoromethane	0.0250	0.0255	102	33 - 173	
Chloromethane	0.0250	0.0247	98.6	50 - 141	
Vinyl chloride	0.0250	0.0247	99.0	55 - 142	
Bromomethane	0.0250	0.0260	104	42 - 172	
Chloroethane	0.0250	0.0225	89.9	52 - 164	
Trichlorofluoromethane	0.0250	0.0257	103	53 - 161	
1,1-Dichloroethene	0.0250	0.0298	119	54 - 134	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0282	113	53 - 143	
Acetone	0.125	0.136	109	49 - 153	
Iodomethane	0.125	0.127	101	54 - 139	
Carbon disulfide	0.0250	0.0283	113	19 - 150	
Methylene Chloride	0.0250	0.0238	95.3	67 - 122	
Acrylonitrile	0.125	0.117	93.3	53 - 153	
trans-1,2-Dichloroethene	0.0250	0.0247	98.7	63 - 127	
Methyl tert-butyl ether	0.0250	0.0235	93.9	67 - 127	
1,1-Dichloroethane	0.0250	0.0245	98.1	73 - 123	
Vinyl acetate	0.125	0.105	84.1	47 - 161	
Di-isopropyl ether	0.0250	0.0233	93.3	66 - 129	
cis-1,2-Dichloroethene	0.0250	0.0247	98.9	75 - 121	
2-Butanone (MEK)	0.125	0.121	96.8	58 - 144	
Bromochloromethane	0.0250	0.0260	104	79 - 124	
Chloroform	0.0250	0.0243	97.3	76 - 122	
1,1,1-Trichloroethane	0.0250	0.0244	97.7	71 - 126	
Carbon tetrachloride	0.0250	0.0247	98.7	63 - 129	
Benzene	0.0250	0.0245	98.1	72 - 119	
1,2-Dichloroethane	0.0250	0.0239	95.7	69 - 128	
Trichloroethene	0.0250	0.0261	105	69 - 131	
1,2-Dichloropropane	0.0250	0.0245	98.0	77 - 121	
Dibromomethane	0.0250	0.0260	104	77 - 124	
Bromodichloromethane	0.0250	0.0240	96.1	75 - 127	
cis-1,3-Dichloropropene	0.0250	0.0243	97.1	74 - 124	
4-Methyl-2-pentanone (MIBK)	0.125	0.113	90.3	58 - 147	
Toluene	0.0250	0.0240	96.2	75 - 114	
trans-1,3-Dichloropropene	0.0250	0.0237	94.6	69 - 124	
1,1,2-Trichloroethane	0.0250	0.0238	95.4	81 - 121	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Tetrachloroethene	0.0250	0.0256	102	69 - 131	
2-Hexanone	0.125	0.110	88.1	62 - 144	
Chlorodibromomethane	0.0250	0.0246	98.4	73 - 128	
1,2-Dibromoethane	0.0250	0.0243	97.2	78 - 124	
Chlorobenzene	0.0250	0.0247	98.6	78 - 123	
1,1,1,2-Tetrachloroethane	0.0250	0.0254	102	77 - 128	
Ethylbenzene	0.0250	0.0248	99.0	77 - 124	
m&p-Xylene	0.0500	0.0496	99.2	76 - 123	
o-Xylene	0.0250	0.0251	100	77 - 125	
Styrene	0.0250	0.0249	99.7	69 - 145	
Bromoform	0.0250	0.0245	98.1	61 - 136	
Bromobenzene	0.0250	0.0235	94.0	76 - 121	
1,1,2,2-Tetrachloroethane	0.0250	0.0238	95.2	78 - 130	
1,2,3-Trichloropropane	0.0250	0.0240	95.8	68 - 130	
trans-1,4-Dichloro-2-butene	0.0250	0.0217	86.9	58 - 137	
n-Propylbenzene	0.0250	0.0248	99.1	77 - 125	
1,3,5-Trimethylbenzene	0.0250	0.0251	100	78 - 127	
tert-Butylbenzene	0.0250	0.0258	103	76 - 131	
1,2,4-Trimethylbenzene	0.0250	0.0251	101	77 - 129	
sec-Butylbenzene	0.0250	0.0255	102	77 - 130	
1,3-Dichlorobenzene	0.0250	0.0260	104	77 - 127	
1,4-Dichlorobenzene	0.0250	0.0241	96.2	79 - 117	
1,2-Dichlorobenzene	0.0250	0.0245	98.0	82 - 121	
n-Butylbenzene	0.0250	0.0239	95.5	74 - 130	
1,2-Dibromo-3-Chloropropane	0.0250	0.0223	89.3	55 - 142	
1,2,4-Trichlorobenzene	0.0250	0.0242	96.8	76 - 127	
Hexachloro-1,3-butadiene	0.0250	0.0238	95.3	71 - 134	
Naphthalene	0.0250	0.0240	95.9	70 - 134	



## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG594527  
 Analysis Date: 5/25/2012 Analyst: 209  
 Instrument ID: VOCMS18  
 Sample Numbers: L576856-04, -06, -07, -08

### Surrogate Summary

Laboratory Sample ID	Dibromofluoromethane		Toluene-d8		4-Bromofluorobenzene		Alternate Surrogate a,a,a-Trifluorotoluene	
	ppb	% Rec	ppb	% Rec	ppb	% Rec	ppb	% Rec
LCS WG594527	39.7	99.2	41.9	105	41.3	103	43.1	108
LCSD WG594527	39.3	98.3	42.1	105	40.5	101	44.2	110
MS WG594527	30.6	76.4	J2 41.0	103	39.9	99.7	43.9	110
MSD WG594527	31.1	77.6	J2 41.6	104	39.4	98.6	44.4	111
Blank WG594527	39.8	99.6	42.4	106	43.0	107	44.1	110
L576856-04	39.8	99.5	40.8	102	39.6	98.9	42.9	107
L576856-06	40.1	100	41.8	104	40.7	102	42.6	107
L576856-07	39.0	97.5	41.7	104	40.5	101	42.6	107
L576856-08	38.8	97.1	42.0	105	40.8	102	42.5	106

Dibromofluoromethane	40 ppb	82 - 126
Toluene - d8	40 ppb	92 - 112
4-Bromofluorobenzene	40 ppb	82 - 120
<b>Alternate Surrogate</b>		
a,a,a-Trifluorotoluene	40 ppb	90 - 116





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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: **WG594640**  
 Analysis Date: 5/25/2012 Analyst: 74  
 Instrument ID: VOCMS30  
 Sample Numbers: L576856-01, -02

### Surrogate Summary

Laboratory Sample ID	Dibromofluoromethane		Toluene-d8		4-Bromofluorobenzene		Alternate Surrogate a,a,a-Trifluorotoluene	
	ppb	% Rec	ppb	% Rec	ppb	% Rec	ppb	% Rec
LCS WG594640	43.0	108	40.3	101	40.4	101	41.1	103
LCSD WG594640	43.3	108	40.4	101	38.6	96.5	40.3	101
MS WG594640	43.5	109	40.6	102	38.8	97.1	40.4	101
MSD WG594640	43.8	110	40.3	101	40.5	101	39.9	99.9
Blank WG594640	43.2	108	40.4	101	39.2	97.9	39.0	97.5
L576856-01	43.9	110	39.9	99.6	38.0	95.1	39.5	98.7
L576856-02	44.9	112	40.0	99.9	39.1	97.7	39.5	98.9

Dibromofluoromethane	40 ppb	82 - 126
Toluene - d8	40 ppb	92 - 112
4-Bromofluorobenzene	40 ppb	82 - 120
<b>Alternate Surrogate</b>		
a,a,a-Trifluorotoluene	40 ppb	90 - 116

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Surrogate Summary

Laboratory Sample ID	Dibromofluoromethane		Toluene-d8		4-Bromofluorobenzene		Alternate Surrogate a,a,a-Trifluorotoluene	
	ppb	% Rec	ppb	% Rec	ppb	% Rec	ppb	% Rec
LCS WG595165	40.9	102	42.3	106	40.6	102	43.6	109
LCSD WG595165	41.2	103	42.3	106	41.9	105	43.0	108
MS WG595165	43.9	110	42.1	105	41.7	104	42.4	106
MSD WG595165	42.8	107	42.5	106	41.4	103	42.8	107
Blank WG595165	42.8	107	42.0	105	41.6	104	42.8	107
L576856-03	43.8	110	42.8	107	43.2	108	42.7	107
L576856-05	44.3	111	42.5	106	42.4	106	44.0	110

Dibromofluoromethane	40 ppb	82 - 126
Toluene - d8	40 ppb	92 - 112
4-Bromofluorobenzene	40 ppb	82 - 120
<b>Alternate Surrogate</b>		
a,a,a-Trifluorotoluene	40 ppb	90 - 116

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG594527  
 Analysis Date: 5/25/2012 Analyst: 209  
 Instrument ID: VOCMS18  
 Sample Numbers: L576856-04, -06, -07, -08

### Matrix Spike/Matrix Spike Duplicate

L576922-05

Analyte	Spike		% Rec		% Rec		Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
	Value	Sample	MS	MSD	MS	MSD					
Dichlorodifluoromethane	0.0250	0.0000	0.0304	122	0.0295	118	16-188		3.0	22	
Chloromethane	0.0250	0.0010	0.0296	114	0.0290	112	27-155		2.0	20	
Vinyl chloride	0.0250	0.0000	0.0296	118	0.0288	115	32-159		2.7	21	
Bromomethane	0.0250	0.0000	0.0355	142	0.0342	137	23-177		3.7	21	
Chloroethane	0.0250	0.0000	0.0298	119	0.0298	119	32-177		0.0	21	
Trichlorofluoromethane	0.0250	0.0000	0.0307	123	0.0304	121	35-177		1.0	23	
1,1-Dichloroethene	0.0250	0.0000	0.0326	131	0.0319	128	32-152		2.2	20	
1,1,2-	0.0250	0.0000	0.0343	137	0.0343	137	36-159		0.1	21	
Acetone	0.125	0.0000	0.148	118	0.154	123	34-146		4.0	22	
Iodomethane	0.125	0.0000	0.151	121	0.146	117	38-149		3.4	20	
Carbon disulfide	0.0250	0.0000	0.0348	139	0.0337	135	10-165		3.5	22	
Methylene Chloride	0.0250	0.0000	0.0252	101	0.0247	98.9	52-130		1.7	20	
Acrylonitrile	0.125	0.0000	0.135	108	0.137	109	49-162		1.5	20	
trans-1,2-Dichloroethene	0.0250	0.0000	0.0299	120	0.0284	114	45-137		5.2	20	
Methyl tert-butyl ether	0.0250	0.0000	0.0259	104	0.0262	105	55-136		1.4	20	
1,1-Dichloroethane	0.0250	0.0000	0.0259	103	0.0266	106	58-133		2.7	20	
Vinyl acetate	0.125	0.0000	0.0006	0.5	0.0000	0.0	36-186	J6	200	20	J3
Di-isopropyl ether	0.0250	0.0000	0.0245	98.0	0.0258	103	58-133		5.0	20	
cis-1,2-Dichloroethene	0.0250	0.0000	0.0272	109	0.0274	110	54-137		1.0	20	
2-Butanone (MEK)	0.125	0.0000	0.153	122	0.148	119	51-149		3.0	22	
Bromochloromethane	0.0250	0.0000	0.0270	108	0.0264	106	67-131		2.0	20	
Chloroform	0.0250	0.0003	0.0260	103	0.0262	103	64-130		0.7	20	
1,1,1-Trichloroethane	0.0250	0.0000	0.0290	116	0.0288	115	58-137		0.7	20	
Carbon tetrachloride	0.0250	0.0000	0.0317	127	0.0312	125	49-140		1.8	20	
Benzene	0.0250	0.0016	0.0281	106	0.0282	106	51-134		0.2	20	
1,2-Dichloroethane	0.0250	0.0000	0.0217	86.9	0.0225	90.1	59-135		3.7	20	
Trichloroethene	0.0250	0.0000	0.0546	218	0.0548	219	40-155	J5	0.4	20	
1,2-Dichloropropane	0.0250	0.0000	0.0276	110	0.0276	111	68-126		0.2	20	
Dibromomethane	0.0250	0.0000	0.0258	103	0.0263	105	68-131		1.9	20	
Bromodichloromethane	0.0250	0.0000	0.0256	103	0.0258	103	67-132		0.5	20	
cis-1,3-Dichloropropene	0.0250	0.0000	0.0257	103	0.0261	105	63-127		1.6	20	
4-Methyl-2-pentanone	0.125	0.0000	0.146	117	0.143	115	53-154		2.2	21	
Toluene	0.0250	0.0013	0.0283	108	0.0281	107	61-126		0.6	20	
trans-1,3-Dichloropropene	0.0250	0.0007	0.0255	99.1	0.0256	99.8	59-130		0.7	20	
1,1,2-Trichloroethane	0.0250	0.0000	0.0261	104	0.0255	102	73-128		2.3	20	
Tetrachloroethene	0.0250	0.0000	0.0313	125	0.0316	127	56-139		1.0	20	
2-Hexanone	0.125	0.0000	0.163	131	0.165	132	58-148		1.3	24	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

### Matrix Spike/Matrix Spike Duplicate

L576922-05

Analyte	Spike		% Rec		% Rec		Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
	Value	Sample	MS	MSD	MSD	MSD					
Chlorodibromomethane	0.0250	0.0000	0.0266	106	0.0270	108	68-130		1.6	20	
1,2-Dibromoethane	0.0250	0.0000	0.0260	104	0.0269	108	71-129		3.4	20	
Chlorobenzene	0.0250	0.0000	0.0264	106	0.0270	108	69-126		2.4	20	
1,1,1,2-Tetrachloroethane	0.0250	0.0000	0.0271	108	0.0275	110	71-130		1.4	20	
Ethylbenzene	0.0250	0.0011	0.0294	113	0.0298	115	64-135		1.4	20	
m&p-Xylene	0.0500	0.0029	0.0583	111	0.0591	112	62-135		1.3	20	
o-Xylene	0.0250	0.0000	0.0275	110	0.0275	110	63-135		0.2	20	
Styrene	0.0250	0.0000	0.0270	108	0.0272	109	58-152		0.6	20	
Bromoform	0.0250	0.0000	0.0294	117	0.0297	119	59-137		1.2	20	
Bromobenzene	0.0250	0.0008	0.0242	93.7	0.0252	97.6	64-130		4.0	20	
1,1,2,2-Tetrachloroethane	0.0250	0.0000	0.0019	7.7	0.0004	1.5	64-149	J6	136	20	J3
1,2,3-Trichloropropane	0.0250	0.0000	0.0275	110	0.0276	110	74-137		0.4	20	
trans-1,4-Dichloro-2-butene	0.0250	0.0000	0.0260	104	0.0268	107	51-145		3.1	24	
n-Propylbenzene	0.0250	0.0000	0.0289	116	0.0293	117	62-137		1.2	20	
1,3,5-Trimethylbenzene	0.0250	0.0015	0.0295	112	0.0301	114	67-136		2.0	20	
tert-Butylbenzene	0.0250	0.0012	0.0308	119	0.0305	117	66-139		1.1	20	
1,2,4-Trimethylbenzene	0.0250	0.0075	0.0353	111	0.0355	112	62-141		0.6	20	
sec-Butylbenzene	0.0250	0.0000	0.0308	123	0.0305	122	67-139		1.2	20	
1,3-Dichlorobenzene	0.0250	0.0000	0.0289	115	0.0288	115	69-131		0.1	20	
1,4-Dichlorobenzene	0.0250	0.0000	0.0242	97.0	0.0264	105	70-123		8.4	20	
1,2-Dichlorobenzene	0.0250	0.0000	0.0242	96.7	0.0265	106	75-125		9.1	20	
n-Butylbenzene	0.0250	0.0000	0.0263	105	0.0292	117	62-142		10	20	
1,2-Dibromo-3-	0.0250	0.0000	0.0236	94.3	0.0244	97.7	55-148		3.5	22	
1,2,4-Trichlorobenzene	0.0250	0.0000	0.0275	110	0.0302	121	67-133		9.4	20	
Hexachloro-1,3-butadiene	0.0250	0.0000	0.0288	115	0.0299	120	64-140		3.8	20	
Naphthalene	0.0250	0.0000	0.0250	99.9	0.0272	109	65-140		8.6	20	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG594527  
 Analysis Date: 5/25/2012 Analyst: 209  
 Instrument ID: VOCMS18  
 Sample Numbers: L576856-04, -06, -07, -08

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCS	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Dichlorodifluoromethane	0.0250	0.0253	101	0.0262	105	33-173		3.5	20	
Chloromethane	0.0250	0.0278	111	0.0288	115	50-141		3.5	20	
Vinyl chloride	0.0250	0.0263	105	0.0271	108	55-142		2.7	20	
Bromomethane	0.0250	0.0332	133	0.0342	137	42-172		3.0	20	
Chloroethane	0.0250	0.0262	105	0.0277	111	52-164		5.4	20	
Trichlorofluoromethane	0.0250	0.0259	104	0.0271	108	53-161		4.4	20	
1,1-Dichloroethene	0.0250	0.0272	109	0.0285	114	54-134		4.7	20	
1,1,2-Trichlorotrifluoroethane	0.0250	0.0277	111	0.0293	117	53-143		5.5	20	
Acetone	0.125	0.138	110	0.146	117	49-153		5.8	21	
Iodomethane	0.125	0.142	113	0.151	120	54-139		6.1	20	
Carbon disulfide	0.0250	0.0304	122	0.0323	129	19-150		6.1	20	
Methylene Chloride	0.0250	0.0250	100.0	0.0266	106	67-122		6.3	20	
Acrylonitrile	0.125	0.132	105	0.143	115	53-153		8.5	20	
trans-1,2-Dichloroethene	0.0250	0.0269	108	0.0279	112	63-127		3.9	20	
Methyl tert-butyl ether	0.0250	0.0262	105	0.0284	113	67-127		7.8	20	
1,1-Dichloroethane	0.0250	0.0256	103	0.0270	108	73-123		5.1	20	
Vinyl acetate	0.125	0.126	100	0.128	103	47-161		2.1	20	
Di-isopropyl ether	0.0250	0.0264	106	0.0276	110	66-129		4.3	20	
cis-1,2-Dichloroethene	0.0250	0.0275	110	0.0281	113	75-121		2.2	20	
2-Butanone (MEK)	0.125	0.154	123	0.166	133	58-144		7.3	20	
Bromochloromethane	0.0250	0.0271	108	0.0289	116	79-124		6.7	20	
Chloroform	0.0250	0.0260	104	0.0271	108	76-122		4.1	20	
1,1,1-Trichloroethane	0.0250	0.0261	105	0.0265	106	71-126		1.5	20	
Carbon tetrachloride	0.0250	0.0273	109	0.0284	114	63-129		4.0	20	
Benzene	0.0250	0.0267	107	0.0271	108	72-119		1.7	20	
1,2-Dichloroethane	0.0250	0.0238	95.3	0.0244	97.4	69-128		2.2	20	
Trichloroethene	0.0250	0.0277	111	0.0300	120	69-131		7.8	20	
1,2-Dichloropropane	0.0250	0.0276	110	0.0298	119	77-121		7.8	20	
Dibromomethane	0.0250	0.0269	108	0.0289	116	77-124		7.2	20	
Bromodichloromethane	0.0250	0.0266	106	0.0279	112	75-127		5.0	20	
cis-1,3-Dichloropropene	0.0250	0.0278	111	0.0288	115	74-124		3.5	20	
4-Methyl-2-pentanone (MIBK)	0.125	0.137	110	0.150	120	58-147		9.3	20	
Toluene	0.0250	0.0264	106	0.0279	112	75-114		5.5	20	
trans-1,3-Dichloropropene	0.0250	0.0270	108	0.0290	116	69-124		7.2	20	
1,1,2-Trichloroethane	0.0250	0.0278	111	0.0292	117	81-121		5.2	20	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG594527  
 Analysis Date: 5/25/2012 Analyst: 209  
 Instrument ID: VOCMS18  
 Sample Numbers: L576856-04, -06, -07, -08

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Tetrachloroethene	0.0250	0.0277	111	0.0295	118	69-131		6.5	20	
2-Hexanone	0.125	0.156	125	0.170	136	62-144		8.5	20	
Chlorodibromomethane	0.0250	0.0285	114	0.0303	121	73-128		6.4	20	
1,2-Dibromoethane	0.0250	0.0282	113	0.0303	121	78-124		7.1	20	
Chlorobenzene	0.0250	0.0275	110	0.0293	117	78-123		6.2	20	
1,1,1,2-Tetrachloroethane	0.0250	0.0277	111	0.0307	123	77-128		10	20	
Ethylbenzene	0.0250	0.0276	110	0.0293	117	77-124		6.1	20	
m&p-Xylene	0.0500	0.0534	107	0.0575	115	76-123		7.4	20	
o-Xylene	0.0250	0.0272	109	0.0293	117	77-125		7.7	20	
Styrene	0.0250	0.0279	112	0.0298	119	69-145		6.7	20	
Bromoform	0.0250	0.0300	120	0.0329	132	61-136		9.2	20	
Bromobenzene	0.0250	0.0254	102	0.0265	106	76-121		4.3	20	
1,1,2,2-Tetrachloroethane	0.0250	0.0267	107	0.0281	112	78-130		5.2	20	
1,2,3-Trichloropropane	0.0250	0.0275	110	0.0297	119	68-130		7.8	20	
trans-1,4-Dichloro-2-butene	0.0250	0.0273	109	0.0270	108	58-137		1.0	20	
n-Propylbenzene	0.0250	0.0266	106	0.0280	112	77-125		5.2	20	
1,3,5-Trimethylbenzene	0.0250	0.0267	107	0.0282	113	78-127		5.6	20	
tert-Butylbenzene	0.0250	0.0275	110	0.0295	118	76-131		7.0	20	
1,2,4-Trimethylbenzene	0.0250	0.0269	107	0.0283	113	77-129		5.2	20	
sec-Butylbenzene	0.0250	0.0266	107	0.0282	113	77-130		5.7	20	
1,3-Dichlorobenzene	0.0250	0.0279	112	0.0309	123	77-127		10	20	
1,4-Dichlorobenzene	0.0250	0.0242	96.8	0.0278	111	79-117		14	20	
1,2-Dichlorobenzene	0.0250	0.0245	98.1	0.0281	112	82-121		14	20	
n-Butylbenzene	0.0250	0.0235	93.9	0.0260	104	74-130		10	20	
1,2-Dibromo-3-Chloropropane	0.0250	0.0221	88.4	0.0254	101	55-142		14	20	
1,2,4-Trichlorobenzene	0.0250	0.0262	105	0.0308	123	76-127		16	20	
Hexachloro-1,3-butadiene	0.0250	0.0243	97.4	0.0275	110	71-134		12	20	
Naphthalene	0.0250	0.0242	96.7	0.0282	113	70-134		15	20	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG594640  
 Analysis Date: 5/25/2012 Analyst: 74  
 Instrument ID: VOCMS30  
 Sample Numbers: L576856-01, -02

### Matrix Spike/Matrix Spike Duplicate

L576920-11

Analyte	Spike		%		%		Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
	Value	Sample	MS	Rec	MSD	Rec					
Dichlorodifluoromethane	0.0250	0.0000	0.0279	112	0.0273	109	16-188		2.1	22	
Chloromethane	0.0250	0.0000	0.0210	84.1	0.0213	85.4	27-155		1.4	20	
Vinyl chloride	0.0250	0.0000	0.0280	112	0.0285	114	32-159		1.6	21	
Bromomethane	0.0250	0.0000	0.0217	86.7	0.0228	91.3	23-177		5.1	21	
Chloroethane	0.0250	0.0000	0.0234	93.7	0.0244	97.4	32-177		3.9	21	
Trichlorofluoromethane	0.0250	0.0000	0.0277	111	0.0283	113	35-177		2.2	23	
1,1-Dichloroethene	0.0250	0.0000	0.0242	96.6	0.0249	99.5	32-152		2.9	20	
1,1,2-	0.0250	0.0000	0.0310	124	0.0308	123	36-159		0.8	21	
Acetone	0.125	0.0000	0.0885	70.8	0.0935	74.8	34-146		5.5	22	
Iodomethane	0.125	0.0000	0.132	105	0.148	118	38-149		11	20	
Carbon disulfide	0.0250	0.0000	0.0340	136	0.0339	136	10-165		0.1	22	
Methylene Chloride	0.0250	0.0000	0.0226	90.3	0.0234	93.8	52-130		3.8	20	
Acrylonitrile	0.125	0.0000	0.115	92.2	0.120	96.2	49-162		4.2	20	
trans-1,2-Dichloroethene	0.0250	0.0000	0.0242	96.8	0.0245	98.1	45-137		1.3	20	
Methyl tert-butyl ether	0.0250	0.0000	0.0229	91.7	0.0230	91.8	55-136		0.2	20	
1,1-Dichloroethane	0.0250	0.0000	0.0244	97.8	0.0247	98.6	58-133		0.9	20	
Vinyl acetate	0.125	0.0000	0.115	92.2	0.118	94.5	36-186		2.5	20	
Di-isopropyl ether	0.0250	0.0000	0.0231	92.3	0.0232	92.7	58-133		0.4	20	
cis-1,2-Dichloroethene	0.0250	0.0000	0.0254	102	0.0268	107	54-137		5.3	20	
2-Butanone (MEK)	0.125	0.0000	0.116	92.5	0.120	96.3	51-149		4.0	22	
Bromochloromethane	0.0250	0.0000	0.0249	99.7	0.0255	102	67-131		2.1	20	
Chloroform	0.0250	0.0000	0.0254	102	0.0254	102	64-130		0.1	20	
1,1,1-Trichloroethane	0.0250	0.0000	0.0255	102	0.0258	103	58-137		1.1	20	
Carbon tetrachloride	0.0250	0.0000	0.0246	98.6	0.0258	103	49-140		4.6	20	
Benzene	0.0250	0.0000	0.0247	98.7	0.0246	98.3	51-134		0.5	20	
1,2-Dichloroethane	0.0250	0.0000	0.0238	95.3	0.0236	94.4	59-135		1.0	20	
Trichloroethene	0.0250	0.0000	0.0241	96.5	0.0237	94.6	40-155		1.9	20	
1,2-Dichloropropane	0.0250	0.0000	0.0227	90.9	0.0223	89.1	68-126		2.0	20	
Dibromomethane	0.0250	0.0000	0.0249	99.6	0.0248	99.1	68-131		0.5	20	
Bromodichloromethane	0.0250	0.0000	0.0233	93.3	0.0219	87.4	67-132		6.5	20	
cis-1,3-Dichloropropene	0.0250	0.0000	0.0236	94.2	0.0223	89.1	63-127		5.6	20	
4-Methyl-2-pentanone	0.125	0.0000	0.111	88.6	0.112	89.9	53-154		1.5	21	
Toluene	0.0250	0.0000	0.0238	95.0	0.0235	93.8	61-126		1.2	20	
trans-1,3-Dichloropropene	0.0250	0.0000	0.0230	91.8	0.0222	88.8	59-130		3.4	20	
1,1,2-Trichloroethane	0.0250	0.0000	0.0229	91.6	0.0241	96.6	73-128		5.2	20	
Tetrachloroethene	0.0250	0.0000	0.0231	92.6	0.0243	97.3	56-139		5.0	20	
2-Hexanone	0.125	0.0000	0.0999	79.9	0.106	84.5	58-148		5.6	24	



## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

### Matrix Spike/Matrix Spike Duplicate

L576920-11

Analyte	Spike		%		MSD	% Rec	Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
	Value	Sample	MS	Rec							
Chlorodibromomethane	0.0250	0.0000	0.0234	93.7	0.0244	97.5	68-130		4.0	20	
1,2-Dibromoethane	0.0250	0.0000	0.0229	91.4	0.0237	95.0	71-129		3.8	20	
Chlorobenzene	0.0250	0.0000	0.0230	91.9	0.0236	94.3	69-126		2.7	20	
1,1,1,2-Tetrachloroethane	0.0250	0.0000	0.0242	96.6	0.0239	95.7	71-130		0.9	20	
Ethylbenzene	0.0250	0.0000	0.0234	93.8	0.0241	96.5	64-135		2.8	20	
m&p-Xylene	0.0500	0.0000	0.0471	94.2	0.0481	96.3	62-135		2.2	20	
o-Xylene	0.0250	0.0000	0.0237	94.8	0.0247	99.0	63-135		4.4	20	
Styrene	0.0250	0.0000	0.0227	91.0	0.0237	95.0	58-152		4.3	20	
Bromoform	0.0250	0.0000	0.0239	95.6	0.0250	100.0	59-137		4.4	20	
Bromobenzene	0.0250	0.0000	0.0223	89.3	0.0233	93.1	64-130		4.1	20	
1,1,2,2-Tetrachloroethane	0.0250	0.0000	0.0234	93.5	0.0249	99.5	64-149		6.2	20	
1,2,3-Trichloropropane	0.0250	0.0000	0.0238	95.2	0.0249	99.4	74-137		4.3	20	
trans-1,4-Dichloro-2-butene	0.0250	0.0000	0.0244	97.8	0.0258	103	51-145		5.2	24	
n-Propylbenzene	0.0250	0.0000	0.0238	95.1	0.0245	98.1	62-137		3.1	20	
1,3,5-Trimethylbenzene	0.0250	0.0000	0.0236	94.3	0.0239	95.4	67-136		1.2	20	
tert-Butylbenzene	0.0250	0.0000	0.0232	92.8	0.0239	95.5	66-139		2.9	20	
1,2,4-Trimethylbenzene	0.0250	0.0000	0.0229	91.7	0.0236	94.5	62-141		3.0	20	
sec-Butylbenzene	0.0250	0.0000	0.0241	96.2	0.0241	96.5	67-139		0.3	20	
1,3-Dichlorobenzene	0.0250	0.0000	0.0231	92.2	0.0240	95.9	69-131		3.9	20	
1,4-Dichlorobenzene	0.0250	0.0000	0.0242	96.6	0.0244	97.5	70-123		0.9	20	
1,2-Dichlorobenzene	0.0250	0.0000	0.0241	96.5	0.0243	97.2	75-125		0.6	20	
n-Butylbenzene	0.0250	0.0000	0.0260	104	0.0253	101	62-142		2.8	20	
1,2-Dibromo-3-	0.0250	0.0000	0.0262	105	0.0257	103	55-148		1.6	22	
1,2,4-Trichlorobenzene	0.0250	0.0000	0.0267	107	0.0263	105	67-133		1.5	20	
Hexachloro-1,3-butadiene	0.0250	0.0000	0.0242	96.8	0.0244	97.6	64-140		0.9	20	
Naphthalene	0.0250	0.0000	0.0251	100	0.0256	102	65-140		2.2	20	



## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG594640  
 Analysis Date: 5/25/2012 Analyst: 74  
 Instrument ID: VOCMS30  
 Sample Numbers: L576856-01, -02

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec		LCSD	% Rec	Control Limits	Qualifier	% RPD	% Control	
			Rec	LCS						Limits	Qualifier
Dichlorodifluoromethane	0.0250	0.0264	106	0.0263	105	33-173		0.2	20		
Chloromethane	0.0250	0.0193	77.4	0.0198	79.2	50-141		2.2	20		
Vinyl chloride	0.0250	0.0260	104	0.0263	105	55-142		1.2	20		
Bromomethane	0.0250	0.0228	91.0	0.0239	95.6	42-172		4.9	20		
Chloroethane	0.0250	0.0241	96.3	0.0226	90.3	52-164		6.5	20		
Trichlorofluoromethane	0.0250	0.0276	111	0.0262	105	53-161		5.4	20		
1,1-Dichloroethene	0.0250	0.0236	94.5	0.0231	92.3	54-134		2.4	20		
1,1,2-Trichlorotrifluoroethane	0.0250	0.0285	114	0.0284	113	53-143		0.4	20		
Acetone	0.125	0.196	156	0.207	166	49-153	J4	5.6	21		
Iodomethane	0.125	0.142	114	0.139	111	54-139		2.2	20		
Carbon disulfide	0.0250	0.0313	125	0.0298	119	19-150		5.0	20		
Methylene Chloride	0.0250	0.0226	90.5	0.0221	88.6	67-122		2.2	20		
Acrylonitrile	0.125	0.110	88.1	0.119	95.0	53-153		7.6	20		
trans-1,2-Dichloroethene	0.0250	0.0241	96.2	0.0242	96.7	63-127		0.4	20		
Methyl tert-butyl ether	0.0250	0.0217	86.8	0.0227	90.6	67-127		4.3	20		
1,1-Dichloroethane	0.0250	0.0237	94.8	0.0236	94.4	73-123		0.4	20		
Vinyl acetate	0.125	0.107	85.8	0.113	90.4	47-161		5.2	20		
Di-isopropyl ether	0.0250	0.0224	89.6	0.0222	88.8	66-129		0.9	20		
cis-1,2-Dichloroethene	0.0250	0.0252	101	0.0257	103	75-121		1.9	20		
2-Butanone (MEK)	0.125	0.161	128	0.175	140	58-144		8.5	20		
Bromochloromethane	0.0250	0.0250	100	0.0245	98.0	79-124		2.0	20		
Chloroform	0.0250	0.0247	98.7	0.0250	100	76-122		1.4	20		
1,1,1-Trichloroethane	0.0250	0.0250	100	0.0242	96.9	71-126		3.2	20		
Carbon tetrachloride	0.0250	0.0256	102	0.0249	99.6	63-129		2.8	20		
Benzene	0.0250	0.0238	95.2	0.0234	93.5	72-119		1.7	20		
1,2-Dichloroethane	0.0250	0.0232	92.7	0.0244	97.6	69-128		5.2	20		
Trichloroethene	0.0250	0.0240	96.1	0.0228	91.2	69-131		5.3	20		
1,2-Dichloropropane	0.0250	0.0227	90.9	0.0221	88.2	77-121		2.9	20		
Dibromomethane	0.0250	0.0261	104	0.0265	106	77-124		1.8	20		
Bromodichloromethane	0.0250	0.0239	95.5	0.0232	92.7	75-127		2.9	20		
cis-1,3-Dichloropropene	0.0250	0.0232	92.7	0.0229	91.4	74-124		1.4	20		
4-Methyl-2-pentanone (MIBK)	0.125	0.111	88.9	0.120	96.3	58-147		8.0	20		
Toluene	0.0250	0.0232	92.9	0.0228	91.3	75-114		1.7	20		
trans-1,3-Dichloropropene	0.0250	0.0214	85.7	0.0224	89.5	69-124		4.4	20		
1,1,2-Trichloroethane	0.0250	0.0238	95.1	0.0238	95.1	81-121		0.1	20		

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec		Control Limits	Qualifier	% RPD	% Control	
			Rec	LCS				Limits	Qualifier
Tetrachloroethene	0.0250	0.0231	92.5	0.0213	85.4	69-131	8.1	20	
2-Hexanone	0.125	0.125	99.7	0.131	104	62-144	4.7	20	
Chlorodibromomethane	0.0250	0.0247	98.7	0.0236	94.3	73-128	4.5	20	
1,2-Dibromoethane	0.0250	0.0237	94.7	0.0221	88.4	78-124	6.9	20	
Chlorobenzene	0.0250	0.0230	92.0	0.0227	90.7	78-123	1.4	20	
1,1,1,2-Tetrachloroethane	0.0250	0.0240	96.0	0.0236	94.4	77-128	1.7	20	
Ethylbenzene	0.0250	0.0234	93.5	0.0220	87.9	77-124	6.1	20	
m&p-Xylene	0.0500	0.0465	92.9	0.0451	90.2	76-123	3.0	20	
o-Xylene	0.0250	0.0235	94.0	0.0229	91.7	77-125	2.4	20	
Styrene	0.0250	0.0235	94.1	0.0224	89.6	69-145	4.9	20	
Bromoform	0.0250	0.0245	98.1	0.0254	102	61-136	3.5	20	
Bromobenzene	0.0250	0.0230	92.2	0.0219	87.7	76-121	5.0	20	
1,1,2,2-Tetrachloroethane	0.0250	0.0234	93.7	0.0242	96.6	78-130	3.1	20	
1,2,3-Trichloropropane	0.0250	0.0242	96.6	0.0253	101	68-130	4.5	20	
trans-1,4-Dichloro-2-butene	0.0250	0.0244	97.4	0.0244	97.5	58-137	0.0	20	
n-Propylbenzene	0.0250	0.0240	96.1	0.0228	91.0	77-125	5.5	20	
1,3,5-Trimethylbenzene	0.0250	0.0233	93.2	0.0220	88.2	78-127	5.6	20	
tert-Butylbenzene	0.0250	0.0236	94.3	0.0219	87.7	76-131	7.2	20	
1,2,4-Trimethylbenzene	0.0250	0.0230	92.2	0.0220	88.1	77-129	4.5	20	
sec-Butylbenzene	0.0250	0.0234	93.6	0.0227	90.6	77-130	3.2	20	
1,3-Dichlorobenzene	0.0250	0.0237	94.7	0.0224	89.6	77-127	5.6	20	
1,4-Dichlorobenzene	0.0250	0.0238	95.3	0.0232	92.9	79-117	2.7	20	
1,2-Dichlorobenzene	0.0250	0.0239	95.5	0.0247	98.6	82-121	3.2	20	
n-Butylbenzene	0.0250	0.0241	96.4	0.0229	91.6	74-130	5.2	20	
1,2-Dibromo-3-Chloropropane	0.0250	0.0249	99.5	0.0277	111	55-142	11	20	
1,2,4-Trichlorobenzene	0.0250	0.0250	99.9	0.0254	102	76-127	1.8	20	
Hexachloro-1,3-butadiene	0.0250	0.0229	91.6	0.0218	87.0	71-134	5.1	20	
Naphthalene	0.0250	0.0243	97.1	0.0264	105	70-134	8.2	20	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG595165  
 Analysis Date: 5/29/2012 Analyst: 559  
 Instrument ID: VOCMS26  
 Sample Numbers: L576856-03, -05

### Matrix Spike/Matrix Spike Duplicate

L576856-03

Analyte	Spike		% Rec		% Rec		Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
	Value	Sample	MS	MSD	MSD	MSD					
Dichlorodifluoromethane	0.0250	0.0000	0.0300	120	0.0287	115	16-188		4.3	22	
Chloromethane	0.0250	0.0000	0.0257	103	0.0256	102	27-155		0.5	20	
Vinyl chloride	0.0250	0.0000	0.0278	111	0.0269	107	32-159		3.6	21	
Bromomethane	0.0250	0.0000	0.0267	107	0.0249	99.8	23-177		6.8	21	
Chloroethane	0.0250	0.0000	0.0242	96.6	0.0240	96.0	32-177		0.7	21	
Trichlorofluoromethane	0.0250	0.0000	0.0304	121	0.0295	118	35-177		3.0	23	
1,1-Dichloroethene	0.0250	0.0000	0.0357	143	0.0340	136	32-152		4.9	20	
1,1,2-	0.0250	0.0000	0.0360	144	0.0307	123	36-159		16	21	
Acetone	0.125	0.0290	0.162	106	0.139	88.2	34-146		15	22	
Iodomethane	0.125	0.0000	0.139	111	0.138	111	38-149		0.5	20	
Carbon disulfide	0.0250	0.0000	0.0338	135	0.0301	121	10-165		12	22	
Methylene Chloride	0.0250	0.0000	0.0249	99.6	0.0254	102	52-130		2.1	20	
Acrylonitrile	0.125	0.0000	0.141	113	0.141	113	49-162		0.1	20	
trans-1,2-Dichloroethene	0.0250	0.0000	0.0281	112	0.0282	113	45-137		0.6	20	
Methyl tert-butyl ether	0.0250	0.0031	0.0280	99.4	0.0293	105	55-136		4.5	20	
1,1-Dichloroethane	0.0250	0.0000	0.0266	106	0.0270	108	58-133		1.5	20	
Vinyl acetate	0.125	0.0000	0.135	108	0.141	113	36-186		4.3	20	
Di-isopropyl ether	0.0250	0.0000	0.0240	95.9	0.0253	101	58-133		5.2	20	
cis-1,2-Dichloroethene	0.0250	0.0000	0.0265	106	0.0278	111	54-137		4.8	20	
2-Butanone (MEK)	0.125	0.0000	0.149	119	0.136	108	51-149		9.2	22	
Bromochloromethane	0.0250	0.0000	0.0274	109	0.0286	115	67-131		4.6	20	
Chloroform	0.0250	0.0000	0.0260	104	0.0266	106	64-130		2.3	20	
1,1,1-Trichloroethane	0.0250	0.0000	0.0283	113	0.0281	113	58-137		0.5	20	
Carbon tetrachloride	0.0250	0.0000	0.0286	115	0.0283	113	49-140		1.1	20	
Benzene	0.0250	0.0000	0.0269	108	0.0271	108	51-134		0.8	20	
1,2-Dichloroethane	0.0250	0.0000	0.0255	102	0.0266	106	59-135		4.3	20	
Trichloroethene	0.0250	0.0000	0.0285	114	0.0281	112	40-155		1.3	20	
1,2-Dichloropropane	0.0250	0.0000	0.0251	100	0.0265	106	68-126		5.2	20	
Dibromomethane	0.0250	0.0000	0.0266	106	0.0279	112	68-131		4.8	20	
Bromodichloromethane	0.0250	0.0000	0.0247	98.7	0.0260	104	67-132		5.2	20	
cis-1,3-Dichloropropene	0.0250	0.0000	0.0249	99.5	0.0266	106	63-127		6.6	20	
4-Methyl-2-pentanone	0.125	0.0000	0.131	105	0.132	106	53-154		0.6	21	
Toluene	0.0250	0.0000	0.0255	102	0.0261	105	61-126		2.6	20	
trans-1,3-Dichloropropene	0.0250	0.0000	0.0248	99.2	0.0263	105	59-130		5.9	20	
1,1,2-Trichloroethane	0.0250	0.0000	0.0245	98.1	0.0262	105	73-128		6.6	20	
Tetrachloroethene	0.0250	0.0000	0.0282	113	0.0282	113	56-139		0.1	20	
2-Hexanone	0.125	0.0000	0.128	103	0.119	95.3	58-148		7.6	24	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Matrix Spike/Matrix Spike Duplicate

L576856-03

Analyte	Spike		%		MSD	% Rec	Control Limits	% Rec Qualifier	% RPD	Control Limits	RPD Qual
	Value	Sample	MS	Rec							
Chlorodibromomethane	0.0250	0.0000	0.0240	96.2	0.0263	105	68-130		9.1	20	
1,2-Dibromoethane	0.0250	0.0000	0.0259	104	0.0273	109	71-129		5.2	20	
Chlorobenzene	0.0250	0.0000	0.0253	101	0.0266	107	69-126		5.2	20	
1,1,1,2-Tetrachloroethane	0.0250	0.0000	0.0250	100	0.0260	104	71-130		3.7	20	
Ethylbenzene	0.0250	0.0000	0.0264	106	0.0265	106	64-135		0.4	20	
m&p-Xylene	0.0500	0.0000	0.0510	102	0.0528	106	62-135		3.5	20	
o-Xylene	0.0250	0.0000	0.0258	103	0.0268	107	63-135		3.9	20	
Styrene	0.0250	0.0000	0.0247	98.9	0.0260	104	58-152		5.1	20	
Bromoform	0.0250	0.0000	0.0249	99.6	0.0265	106	59-137		6.3	20	
Bromobenzene	0.0250	0.0000	0.0240	95.9	0.0252	101	64-130		5.0	20	
1,1,2,2-Tetrachloroethane	0.0250	0.0000	0.0261	104	0.0268	107	64-149		2.6	20	
1,2,3-Trichloropropane	0.0250	0.0000	0.0274	110	0.0270	108	74-137		1.6	20	
trans-1,4-Dichloro-2-butene	0.0250	0.0000	0.0232	92.8	0.0243	97.4	51-145		4.8	24	
n-Propylbenzene	0.0250	0.0000	0.0264	105	0.0268	107	62-137		1.6	20	
1,3,5-Trimethylbenzene	0.0250	0.0000	0.0260	104	0.0266	106	67-136		2.4	20	
tert-Butylbenzene	0.0250	0.0008	0.0269	104	0.0277	107	66-139		3.0	20	
1,2,4-Trimethylbenzene	0.0250	0.0000	0.0254	102	0.0262	105	62-141		2.9	20	
sec-Butylbenzene	0.0250	0.0007	0.0270	105	0.0275	107	67-139		2.0	20	
1,3-Dichlorobenzene	0.0250	0.0000	0.0261	104	0.0273	109	69-131		4.6	20	
1,4-Dichlorobenzene	0.0250	0.0000	0.0251	100	0.0267	107	70-123		6.1	20	
1,2-Dichlorobenzene	0.0250	0.0000	0.0252	101	0.0268	107	75-125		6.4	20	
n-Butylbenzene	0.0250	0.0000	0.0260	104	0.0266	106	62-142		2.3	20	
1,2-Dibromo-3-	0.0250	0.0000	0.0258	103	0.0252	101	55-148		2.5	22	
1,2,4-Trichlorobenzene	0.0250	0.0000	0.0251	100	0.0259	103	67-133		3.0	20	
Hexachloro-1,3-butadiene	0.0250	0.0000	0.0235	94.0	0.0238	95.0	64-140		1.1	20	
Naphthalene	0.0250	0.0016	0.0263	98.6	0.0272	102	65-140		3.4	20	

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test: Volatile Organic Compounds by Method 8260B  
 Project No: Matrix: Water - mg/L  
 Project: ABF Freight System Facility - Oakland, CA EPA ID: TN00003  
 Collection Date: 5/21/2012 Analytic Batch: WG595165  
 Analysis Date: 5/29/2012 Analyst: 559  
 Instrument ID: VOCMS26  
 Sample Numbers: L576856-03, -05

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec		LCS D	% Rec	Control Limits	Qualifier	% RPD	% Control	
			Rec	LCS D						Limits	Qualifier
Dichlorodifluoromethane	0.0250	0.0249	99.4	0.0255	102	33-173		2.6	20		
Chloromethane	0.0250	0.0248	99.2	0.0247	98.6	50-141		0.6	20		
Vinyl chloride	0.0250	0.0241	96.5	0.0247	99.0	55-142		2.5	20		
Bromomethane	0.0250	0.0249	99.7	0.0260	104	42-172		4.3	20		
Chloroethane	0.0250	0.0222	88.7	0.0225	89.9	52-164		1.3	20		
Trichlorofluoromethane	0.0250	0.0255	102	0.0257	103	53-161		1.0	20		
1,1-Dichloroethene	0.0250	0.0298	119	0.0298	119	54-134		0.0	20		
1,1,2-Trichlorotrifluoroethane	0.0250	0.0282	113	0.0282	113	53-143		0.1	20		
Acetone	0.125	0.133	107	0.136	109	49-153		2.2	21		
Iodomethane	0.125	0.127	102	0.127	101	54-139		0.5	20		
Carbon disulfide	0.0250	0.0288	115	0.0283	113	19-150		1.4	20		
Methylene Chloride	0.0250	0.0234	93.6	0.0238	95.3	67-122		1.8	20		
Acrylonitrile	0.125	0.116	92.9	0.117	93.3	53-153		0.5	20		
trans-1,2-Dichloroethene	0.0250	0.0250	100	0.0247	98.7	63-127		1.3	20		
Methyl tert-butyl ether	0.0250	0.0228	91.4	0.0235	93.9	67-127		2.7	20		
1,1-Dichloroethane	0.0250	0.0243	97.3	0.0245	98.1	73-123		0.8	20		
Vinyl acetate	0.125	0.106	84.5	0.105	84.1	47-161		0.4	20		
Di-isopropyl ether	0.0250	0.0233	93.0	0.0233	93.3	66-129		0.3	20		
cis-1,2-Dichloroethene	0.0250	0.0251	101	0.0247	98.9	75-121		1.6	20		
2-Butanone (MEK)	0.125	0.123	98.1	0.121	96.8	58-144		1.4	20		
Bromochloromethane	0.0250	0.0255	102	0.0260	104	79-124		1.8	20		
Chloroform	0.0250	0.0243	97.1	0.0243	97.3	76-122		0.2	20		
1,1,1-Trichloroethane	0.0250	0.0244	97.8	0.0244	97.7	71-126		0.1	20		
Carbon tetrachloride	0.0250	0.0249	99.7	0.0247	98.7	63-129		1.1	20		
Benzene	0.0250	0.0247	98.8	0.0245	98.1	72-119		0.7	20		
1,2-Dichloroethane	0.0250	0.0238	95.1	0.0239	95.7	69-128		0.6	20		
Trichloroethene	0.0250	0.0268	107	0.0261	105	69-131		2.4	20		
1,2-Dichloropropane	0.0250	0.0252	101	0.0245	98.0	77-121		2.6	20		
Dibromomethane	0.0250	0.0257	103	0.0260	104	77-124		1.1	20		
Bromodichloromethane	0.0250	0.0245	97.8	0.0240	96.1	75-127		1.7	20		
cis-1,3-Dichloropropene	0.0250	0.0248	99.3	0.0243	97.1	74-124		2.2	20		
4-Methyl-2-pentanone (MIBK)	0.125	0.112	89.3	0.113	90.3	58-147		1.2	20		
Toluene	0.0250	0.0243	97.4	0.0240	96.2	75-114		1.2	20		
trans-1,3-Dichloropropene	0.0250	0.0244	97.5	0.0237	94.6	69-124		3.0	20		
1,1,2-Trichloroethane	0.0250	0.0241	96.5	0.0238	95.4	81-121		1.2	20		

## Quality Control Summary

SDG: L576856

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCS D	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Tetrachloroethene	0.0250	0.0254	101	0.0256	102	69-131		0.9	20	
2-Hexanone	0.125	0.113	90.2	0.110	88.1	62-144		2.3	20	
Chlorodibromomethane	0.0250	0.0246	98.5	0.0246	98.4	73-128		0.1	20	
1,2-Dibromoethane	0.0250	0.0245	97.9	0.0243	97.2	78-124		0.8	20	
Chlorobenzene	0.0250	0.0247	99.0	0.0247	98.6	78-123		0.3	20	
1,1,1,2-Tetrachloroethane	0.0250	0.0250	100.0	0.0254	102	77-128		1.8	20	
Ethylbenzene	0.0250	0.0248	99.3	0.0248	99.0	77-124		0.3	20	
m&p-Xylene	0.0500	0.0495	98.9	0.0496	99.2	76-123		0.3	20	
o-Xylene	0.0250	0.0248	99.2	0.0251	100	77-125		1.2	20	
Styrene	0.0250	0.0248	99.0	0.0249	99.7	69-145		0.6	20	
Bromoform	0.0250	0.0237	94.9	0.0245	98.1	61-136		3.3	20	
Bromobenzene	0.0250	0.0235	94.1	0.0235	94.0	76-121		0.1	20	
1,1,2,2-Tetrachloroethane	0.0250	0.0227	90.9	0.0238	95.2	78-130		4.6	20	
1,2,3-Trichloropropane	0.0250	0.0229	91.5	0.0240	95.8	68-130		4.7	20	
trans-1,4-Dichloro-2-butene	0.0250	0.0213	85.1	0.0217	86.9	58-137		2.1	20	
n-Propylbenzene	0.0250	0.0245	97.8	0.0248	99.1	77-125		1.3	20	
1,3,5-Trimethylbenzene	0.0250	0.0251	100	0.0251	100	78-127		0.1	20	
tert-Butylbenzene	0.0250	0.0250	99.8	0.0258	103	76-131		3.4	20	
1,2,4-Trimethylbenzene	0.0250	0.0246	98.5	0.0251	101	77-129		2.0	20	
sec-Butylbenzene	0.0250	0.0249	99.7	0.0255	102	77-130		2.4	20	
1,3-Dichlorobenzene	0.0250	0.0253	101	0.0260	104	77-127		2.6	20	
1,4-Dichlorobenzene	0.0250	0.0247	98.8	0.0241	96.2	79-117		2.6	20	
1,2-Dichlorobenzene	0.0250	0.0247	98.7	0.0245	98.0	82-121		0.7	20	
n-Butylbenzene	0.0250	0.0243	97.1	0.0239	95.5	74-130		1.7	20	
1,2-Dibromo-3-Chloropropane	0.0250	0.0230	92.1	0.0223	89.3	55-142		3.1	20	
1,2,4-Trichlorobenzene	0.0250	0.0240	96.2	0.0242	96.8	76-127		0.6	20	
Hexachloro-1,3-butadiene	0.0250	0.0243	97.1	0.0238	95.3	71-134		1.8	20	
Naphthalene	0.0250	0.0234	93.5	0.0240	95.9	70-134		2.5	20	



## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594527</b>
Analysis Date:	5/25/2012	Analyst:	209
Instrument ID:	VOCMS18		
Sample Numbers:	L576856-04, -06, -07, -08		

### Internal Standard Response and Retention Time Summary

FileID:0524\_29.D

Date:5/24/2012

Time:11:42 PM

	IS1		IS2		IS3		IS4	
	Response	RT	Response	RT	Response	RT	Response	RT
12 Hour Std	255894	4.28	407246	4.6	66189	5.76	188978	8.13
Upper Limit	511788	4.78	814492	5.1	132378	6.26	377956	8.63
Lower Limit	127947	3.78	203623	4.1	33094.5	5.26	94489	7.63

Sample ID	Response	RT	Response	RT	Response	RT	Response	RT
Blank WG594527	234699	4.28	371832	4.61	60620	5.76	176891	8.13
L576856-04	228818	4.28	366931	4.61	61520	5.76	171941	8.13
L576856-06	220155	4.28	355983	4.61	60784	5.76	170332	8.13
L576856-07	247667	4.28	400027	4.61	66898	5.76	190335	8.13
L576856-08	256176	4.28	411604	4.61	68301	5.76	190595	8.13
LCS WG594527	257035	4.28	411113	4.6	69265	5.76	209838	8.13
LCSD WG594527	240397	4.28	372377	4.6	62579	5.76	179504	8.13
MS WG594527	237726	4.28	372180	4.6	64432	5.76	198865	8.13
MSD WG594527	248561	4.28	389391	4.6	66180	5.76	186801	8.13

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594640</b>
Analysis Date:	5/25/2012	Analyst:	74
Instrument ID:	VOCMS30		
Sample Numbers:	L576856-01, -02		

### Internal Standard Response and Retention Time Summary

FileID:0525\_02.D

Date:5/25/2012

Time:9:01 AM

	IS1		IS2		IS3		IS4	
	Response	RT	Response	RT	Response	RT	Response	RT
12 Hour Std	81164	4.5	117393	4.82	20203	5.99	55901	8.37
Upper Limit	162328	5	234786	5.32	40406	6.49	111802	8.87
Lower Limit	40582	4	58696.5	4.32	10101.5	5.49	27950.5	7.87

Sample ID	Response	RT	Response	RT	Response	RT	Response	RT
Blank WG594640	95862	4.5	141685	4.83	23943	5.99	64456	8.37
L576856-01	88500	4.5	130605	4.82	23205	5.99	60116	8.37
L576856-02	86258	4.49	131610	4.83	22499	5.99	59011	8.37
LCS WG594640	80079	4.49	115132	4.83	19732	5.99	54903	8.37
LCSD WG594640	82697	4.5	119492	4.83	21107	5.99	57307	8.37
MS WG594640	95127	4.49	138161	4.83	24442	5.99	65760	8.37
MSD WG594640	96153	4.5	143084	4.83	23835	5.99	65578	8.37





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 Est. 1970

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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Volatile Organic Compounds by Method 8260B		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG595165</b>
Analysis Date:	5/29/2012	Analyst:	559
Instrument ID:	VOCMS26		
Sample Numbers:	L576856-03, -05		

### Internal Standard Response and Retention Time Summary

FileID:0529\_02.D

Date:5/29/2012

Time:3:56 PM

	IS1		IS2		IS3		IS4	
	Response	RT	Response	RT	Response	RT	Response	RT
12 Hour Std	263350	5.69	482827	6.18	84998	7.87	210306	11.05
Upper Limit	526700	6.19	965654	6.68	169996	8.37	420612	11.55
Lower Limit	131675	5.19	241413.5	5.68	42499	7.37	105153	10.55

Sample ID	Response	RT	Response	RT	Response	RT	Response	RT
Blank WG595165	236785	5.69	457351	6.18	78661	7.87	192164	11.05
L576856-03	206163	5.7	408425	6.18	71998	7.87	175015	11.05
L576856-05	214505	5.7	423507	6.18	73640	7.87	183156	11.05
LCS WG595165	271753	5.69	502410	6.18	88693	7.87	214257	11.05
LCSD WG595165	262791	5.69	491132	6.18	84537	7.87	210344	11.05
MS WG595165	184594	5.69	355524	6.18	63382	7.87	153108	11.05
MSD WG595165	214393	5.69	408523	6.18	72687	7.87	173166	11.05

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Diesel Range Organics by Method 8015	Matrix:	Water - mg/L
Project No:		EPA ID:	TN00003
Project:	ABF Freight System Facility - Oakland, CA	<b>Analytic Batch:</b>	<b>WG594671</b>
Collection Date:	5/21/2012	Analyst:	280
Analysis Date:	5/30/2012	Extraction Date:	5/27/2012
Instrument ID:	SVGC25		
Sample Numbers:	L576856-01, -02, -04, -05, -03, -08, -06, -07		

#### Method Blank

Analyte	CAS	PQL	Qualifiers
C10-C22 Hydrocarbons		<0.10	
C22-C32 Hydrocarbons		<0.10	
C32-C40 Hydrocarbons		<0.10	

#### Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
C10-C22 Hydrocarbons	0.75	1.01	134	50 - 150	
C22-C32 Hydrocarbons	0.75	0.72	95.5	50 - 150	

#### Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
C10-C22 Hydrocarbons	0.75	0.91	122	50 - 150	
C22-C32 Hydrocarbons	0.75	0.75	99.5	50 - 150	

## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Diesel Range Organics by Method 8015		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594671</b>
Analysis Date:	5/30/2012	Analyst:	280
Instrument ID:	SVGC25	Extraction Date:	5/27/2012
Sample Numbers:	L576856-01, -02, -04, -05, -03, -08, -06, -07		

### Surrogate Summary

Laboratory Sample ID	o-Terphenyl	
	ppm	% Rec
Blank WG594671	0.0238	119
LCS WG594671	0.0236	118
LCSD WG594671	0.0246	123
L576856-01	0.0186	92.8
L576856-02	0.0187	93.6
L576856-03	0.0157	78.5
L576856-04	0.0202	101
L576856-05	0.0153	76.7
L576856-06	0.0161	80.4
L576856-07	0.0187	93.5
L576856-08	0.0165	82.3

o-Terphenyl

True Value: 0.02ppm Limits: 50 - 150



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 Est. 1970

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## Quality Control Summary

**SDG: L576856**

### Trinity Source Group - Santa Cruz, CA

Test:	Diesel Range Organics by Method 8015		
Project No:		Matrix:	Water - mg/L
Project:	ABF Freight System Facility - Oakland, CA	EPA ID:	TN00003
Collection Date:	5/21/2012	<b>Analytic Batch:</b>	<b>WG594671</b>
Analysis Date:	5/30/2012	Analyst:	280
Instrument ID:	SVGC25	Extraction Date:	5/27/2012
Sample Numbers:	L576856-01, -02, -04, -05, -03, -08, -06, -07		

#### Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec		Control Limits	Qualifier	% Control	
			Rec	LCSD			RPD	Limits
C10-C22 Hydrocarbons	0.75	1.01	134	0.91	122	50-150	9.9	20
C22-C32 Hydrocarbons	0.75	0.72	95.5	0.75	99.5	50-150	4.2	20

# Trinity Source Group - Santa

**Cruz, CA**  
500 Chestnut Street, Ste. 225  
Santa Cruz, CA 95060

Billing information:  
Accounts Payable  
500 Chestnut Street, Ste. 225  
Santa Cruz, CA 95060

Analysis/Container/Preservative

C176

Chain of Custody  
Page \_\_\_ of \_\_\_



12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone: (800) 767-5859  
Phone: (615) 758-5858  
Fax: (615) 758-5859

Report to: **Cora Olson** Email: **labstrinity@gmail.com**

Project Description: **ABF Freight System Facility - Oakland, C** City/State Collected: **Oakland, CA**

Phone: (831) 426-5600 Client Project #: Lab Project #  
FAX: TRINITYSCCA-ABF

Collected by (print): **Cora Olson** Site/Facility ID#: P.O.#: **154.004**

Collected by (signature): *[Signature]* **Rush?** (Lab MUST Be Notified)  
 \_\_\_ Same Day ..... 200%  
 \_\_\_ Next Day ..... 100%  
 \_\_\_ Two Day ..... 50%  
 \_\_\_ Three Day ..... 25%  
 Date Results Needed  
 Email? \_\_\_ No  Yes  
 Packed on Ice N \_\_\_ Y  FAX? \_\_\_ No \_\_\_ Yes

DROCAERLVI 40mlAmb-HCl-BT  
GRO 40mlAmb-HCl  
V8260OXY 40mlAmb-HCl

Acctnum: **TRINITYSCCA** (lab use only)  
 Template/Prelogin: **T79048/P392927**  
 Cooler #: **35-5714**  
 Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Analysis/Container/Preservative	Remarks/Contaminant	Sample # (lab only)
<del>B-7</del>	<del>Grab</del>	<del>GW</del>		<del>5/21/12</del>	<del>9:40</del>	<del>6</del>	<del>X X X</del>		
B-6	Grab	GW		5/21/12	10:40	6	X X X		L576856-01
<del>B-5</del>	<del>Grab</del>	<del>GW</del>		<del>5/21/12</del>	<del>12:40</del>	<del>6</del>	<del>X X X</del>		-02
<del>B-8</del>	<del>Grab</del>	<del>GW</del>		<del>5/21/12</del>	<del>14:25</del>	<del>6</del>	<del>X X X</del>		
B-8	Grab	GW		5/21/12	15:30	6	X X X		-03
B-4	Grab	GW		5/21/12	16:55	6	X X X		-04
B-3	Grab	GW		5/22/12	8:15	6	X X X		-05
B-9	Grab	GW		5/22/12	9:25	6	X X X		-06
<del>B-1</del>	<del>Grab</del>	<del>GW</del>		<del>5/22/12</del>	<del>10:15</del>	<del>6</del>	<del>X X X</del>		

*5/23-12*

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks: BTEX, MTBE, TBA, DIPE, ETBE, TAME, EDB, EDC and Naph by 8260

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/23/12	Time: 4:00p	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input checked="" type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: <b>5F</b> (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: <b>32'</b> Bottles Received: <b>48+1TB</b>	COC Seal Intact: ___ Y ___ N ___ NA
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5-24-12 Time: 0900	pH Checked: NCF

4875 5518 1260

**Trinity Source Group - Santa Cruz, CA**  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

Billing information:  
 Accounts Payable  
 500 Chestnut Street, Ste. 225  
 Santa Cruz, CA 95060

Analysis/Container/Preservative

Chain of Custody  
 Page \_\_\_ of \_\_\_



12065 Lebanon Road  
 Mt. Juliet, TN 37122

Phone: (800) 767-5859  
 Phone: (615) 758-5858  
 Fax: (615) 758-5859

Report to: **Cora Olson**  
 Email: **labstrinity@gmail.com**

Project Description: **ABF Freight System Facility - Oakland, C**  
 City/State Collected:

Phone: **(831) 426-5600**  
 FAX:  
 Client Project #: Lab Project #  
**TRINITYSCCA-ABF**

Collected by (print): **Cora Olson**  
 Site/Facility ID#: P.O.#: **154.004**

Collected by (signature): *[Signature]*  
 Immediately Packed on Ice N \_\_\_ Y   
**Rush? (Lab MUST Be Notified)**  
 \_\_\_ Same Day ..... 200%  
 \_\_\_ Next Day ..... 100%  
 \_\_\_ Two Day ..... 50%  
 \_\_\_ Three Day ..... 25%  
 Date Results Needed  
 Email? \_\_\_ No  Yes  
 FAX? \_\_\_ No \_\_\_ Yes

DROCAERLVI 40mlAmb-HCl-BT	GRO 40mlAmb-HCl	V82600XY 40mlAmb-HCl						
---------------------------	-----------------	----------------------	--	--	--	--	--	--

Acctnum: **TRINITYSCCA** (lab use only)  
 Template/Prelogin: **T79048/P392927**  
 Cooler #: **JB 5/14**  
 Shipped Via: **FedEx Ground**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs					
B-10		GW		5/22/12	1215	6	X	X	X		
B-11		GW		5/22/12	1300	6	X	X	X		
		GW				6	X	X	X		

Remarks/Contaminant Sample # (lab only)  
 LS768516-07  
 -08  
 BT00

\*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks: BTEX, MTBE, TBA, DIPE, ETBE, TAME, EDB, EDC and Naph by 8260

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/23/12	Time: 4:00P	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input checked="" type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: <i>[Signature]</i> (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 3.2	Bottles Received: 48 FTB
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5-24-12	Time: DMW

COC Seal Intact: \_\_\_ Y \_\_\_ N  NA

pH Checked: NCF:



## Analytical Report

Trinity Source Group Inc  500 Chestnut St, Ste. 225  Santa Cruz, CA 95060	Client Project ID: #154.004.004; ABF Freign	Date Sampled: 06/20/12
		Date Received: 06/20/12
	Client Contact: Debra Moses	Date Reported: 06/28/12
	Client P.O.:	Date Completed: 07/11/12

**WorkOrder: 1206602**

July 11, 2012

Dear Debra:

Enclosed within are:

- 1) The results of the **4** analyzed samples from your project: **#154.004.004; ABF Freign,**
- 2) QC data for the above samples, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius  
 Laboratory Manager  
 McC Campbell Analytical, Inc.

*The analytical results relate only to the items tested.*





McCAMPBELL ANALYTICAL INC.

1534 WILLOW PASS ROAD / PITTSBURG, CA 94565-1701

Website: www.mccampbell.com / Email: main@mccampbell.com

Telephone: (877) 252-9262 / Fax: (925) 252-9269

1206602

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Lab Use Only

Report To: Debra Moses Bill To: David Remsma

Company: Trinity Source Group

E-Mail: labstrinity@gmail.com

Tele: (831) 426-5600 Fax: (831) 426-5602

Project #: 154.004.004 Project Name: ABF Energy

Project Location: 4575 Tilden Ave

Sampler Signature: [Signature]

Pressurized By	Date	Pressurization Gas	
		N2	He
			<input checked="" type="checkbox"/>

Helium Shroud SN#:

Other:

Notes: flow rate 66.7 ml/min for T017

Field Sample ID (Location)	Collection		Canister SN#	Manifold / Sampler Kit SN#
	Date	Time		
SUP-1	6/29/12	1117-1122		
SUP-2		1505-1511		
SUP-1		1142-1242 Sorbent Tube		
SUP-2		1515-1615 Sorbent Tube		

Analysis Requested	Indoor Air	Soil Gas	Canister Pressure/Vacuum			
			Initial	Final	Receipt	Final (psi)
TO-15 + gas - He LC			-30	-3		
TO-15 + gas - He LC			-29	-3		
TO-17 naphthalene only						
TO-17 naphthalene only						

Relinquished By: [Signature] Date: 6/29/12 Time: 5:00 PM Received By: [Signature]

Relinquished By: Date: Time: Received By:

Relinquished By: Date: Time: Received By:

Temp (°C): Work Order #: 1206602

Equipment Condition: good

Shipped Via: Client drop in



McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
 Pittsburg, CA 94565-1701  
 (925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 1206602

ClientCode: TSGS

- WaterTrax  
  WriteOn  
  EDF  
  Excel  
  EQulS  
  Email  
  HardCopy  
  ThirdParty  
  J-flag

Report to:

Debra Moses  
 Trinity Source Group Inc  
 500 Chestnut St, Ste. 225  
 Santa Cruz, CA 95060  
 (831) 426-5600    FAX: (831) 486-5602

Email: labstrinity@gmail.com  
 cc:  
 PO:  
 ProjectNo: #154.004.004; ABF Freign

Bill to:

Allan  
 Trinity Source Group Inc  
 500 Chestnut St, Ste. 225  
 Santa Cruz, CA 95060  
 afm@tsgcorp.net

Requested TAT: 5 days

Date Received: 06/20/2012

Date Printed: 06/21/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
1206602-001	SVP-1	Soil Vapor	6/20/2012	<input type="checkbox"/>	A	A		A									
1206602-002	SVP-2	Soil Vapor	6/20/2012	<input type="checkbox"/>	A	A		A									
1206602-003	SVP-1	Sorbent	6/20/2012	<input type="checkbox"/>			A		A								
1206602-004	SVP-2	Sorbent	6/20/2012	<input type="checkbox"/>					A								

Test Legend:

1	HELIUM_LC_SOILGAS(%)	2	PRHELIUM SHROUD	3	PRRental_Fee	4	TO15+GAS_SOIL(UG/M3)	5	TO17_ST(UGM3)
6		7		8		9		10	
11		12							

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

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).  
 Hazardous samples will be returned to client or disposed of at client expense.



### Sample Receipt Checklist

Client Name: **Trinity Source Group Inc** Date and Time Received: **6/20/2012 6:28:24 PM**  
 Project Name: **#154.004.004; ABF Freign** Login Reviewed by: **Melissa Valles**  
 WorkOrder N°: **1206602** Matrix: Soil Vapor/Sorbent Tube Carrier: Client Drop-In

**Chain of Custody (COC) Information**

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

**Sample Receipt Information**

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

**Sample Preservation and Hold Time (HT) Information**

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

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

-----  
 Comments:



**McC Campbell Analytical, Inc.**

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

Trinity Source Group Inc 500 Chestnut St, Ste. 225 Santa Cruz, CA 95060	Client Project ID: #154.004.004; ABF Freign	Date Sampled: 06/20/12
		Date Received: 06/20/12
	Client Contact: Debra Moses	Date Reported: 06/28/12
	Client P.O.:	Date Completed: 07/11/12

**Work Order: 1206602**

July 11, 2012

RE: Benzene Result for sample lab ID# 1206602-002

Benzene result of 2.9 µg/m<sup>3</sup> is reported as an estimate because the soil vapor summa cans were not individually tested prior to sending out for sampling and the batch test only screened down to 6.5 µg/m<sup>3</sup> for benzene.





Table with client information: Trinity Source Group Inc, Client Project ID: #154.004.004; ABF Freign, Date Sampled: 06/20/12, Date Received: 06/20/12, Client Contact: Debra Moses, Date Extracted: 06/26/12, Santa Cruz, CA 95060, Client P.O., Date Analyzed: 06/26/12

TPH gas + Volatile Organic Compounds in µg/m³\*

Extraction Method: TO15 Analytical Method: TO15 Work Order: 1206602

Summary table with Lab ID 1206602-001A, Client ID SVP-1, Matrix Soil Vapor, Initial Pressure 13.70, Final Pressure 27.34

Main data table with columns: Compound, Concentration \*, DF, Reporting Limit, Compound, Concentration \*, DF, Reporting Limit. Lists various compounds like Acetone, Benzene, Chlorobenzene, etc.

Surrogate Recoveries (%)

Table showing surrogate recoveries: %SS1: 96, %SS2: 94, %SS3: 97

Comments:

\*vapor samples are reported in µg/m³.
ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.
# surrogate diluted out of range or surrogate coelutes with another peak.
%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor
j1) see attached narrative



Trinity Source Group Inc 500 Chestnut St, Ste. 225 Santa Cruz, CA 95060	Client Project ID: #154.004.004; ABF Freign	Date Sampled: 06/20/12
	Client Contact: Debra Moses	Date Received: 06/20/12
	Client P.O.:	Date Extracted: 06/26/12
		Date Analyzed: 06/26/12

TPH gas + Volatile Organic Compounds in µg/m<sup>3</sup>\*

Extraction Method: TO15

Analytical Method: TO15

Work Order: 1206602

Lab ID	1206602-002A	Initial Pressure (psia)	13.18
Client ID	SVP-2	Final Pressure (psia)	26.30
Matrix	Soil Vapor		

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	230	1.0	120	Acrylonitrile	ND	1.0	4.4
tert-Amyl methyl ether (TAME)	ND	1.0	8.5	Benzene	2.9	1.0	2.8
Benzyl chloride	ND	1.0	11	Bromodichloromethane	ND	1.0	14
Bromoform	ND	1.0	21	Bromomethane	ND	1.0	7.9
1,3-Butadiene	ND	1.0	4.5	2-Butanone (MEK)	ND	1.0	150
t-Butyl alcohol (TBA)	ND	1.0	62	Carbon Disulfide	ND	1.0	6.3
Carbon Tetrachloride	ND	1.0	13	Chlorobenzene	ND	1.0	9.4
Chloroethane	ND	1.0	5.4	Chloroform	ND	1.0	9.9
Chloromethane	ND	1.0	4.2	Cyclohexane	ND	1.0	180
Dibromochloromethane	ND	1.0	17	1,2-Dibromo-3-chloropropane	ND	1.0	20
1,2-Dibromoethane (EDB)	ND	1.0	16	1,2-Dichlorobenzene	ND	1.0	12
1,3-Dichlorobenzene	ND	1.0	12	1,4-Dichlorobenzene	ND	1.0	12
Dichlorodifluoromethane	ND	1.0	10	1,1-Dichloroethane	ND	1.0	8.2
1,2-Dichloroethane (1,2-DCA)	ND	1.0	8.2	1,1-Dichloroethene	ND	1.0	8.1
cis-1,2-Dichloroethene	ND	1.0	8.1	trans-1,2-Dichloroethene	ND	1.0	8.1
1,2-Dichloropropane	ND	1.0	9.4	cis-1,3-Dichloropropene	ND	1.0	9.2
trans-1,3-Dichloropropene	ND	1.0	9.2	1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.0	14
Diisopropyl ether (DIPE)	ND	1.0	8.5	1,4-Dioxane	ND	1.0	7.3
Ethanol	100	1.0	96	Ethyl acetate	19	1.0	7.3
Ethyl tert-butyl ether (ETBE)	ND	1.0	8.5	Ethylbenzene	20	1.0	8.8
4-Ethyltoluene	ND	1.0	10	Freon 113	ND	1.0	16
Heptane	ND	1.0	210	Hexachlorobutadiene	ND	1.0	22
Hexane	ND	1.0	180	2-Hexanone	ND	1.0	210
4-Methyl-2-pentanone (MIBK)	ND	1.0	8.3	Methyl-t-butyl ether (MTBE)	ND	1.0	7.3
Methylene chloride	ND	1.0	7.1	Naphthalene	ND	1.0	11
Propene	ND	1.0	88	Styrene	ND	1.0	8.6
1,1,1,2-Tetrachloroethane	ND	1.0	14	1,1,2,2-Tetrachloroethane	ND	1.0	14
Tetrachloroethene	530	1.0	14	Tetrahydrofuran	ND	1.0	6.0
Toluene	11	1.0	7.7	TPH(g)	1900	1.0	1800
1,2,4-Trichlorobenzene	ND	1.0	15	1,1,1-Trichloroethane	ND	1.0	11
1,1,2-Trichloroethane	38	1.0	11	Trichloroethene	ND	1.0	11
Trichlorofluoromethane	ND	1.0	11	1,2,4-Trimethylbenzene	13	1.0	10
1,3,5-Trimethylbenzene	ND	1.0	10	Vinyl Acetate	ND	1.0	180
Vinyl Chloride	ND	1.0	5.2	Xylenes, Total	160	1.0	27

Surrogate Recoveries (%)

%SS1:	84	%SS2:	95
%SS3:	97		

Comments: j1

\*vapor samples are reported in µg/m<sup>3</sup>.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

# surrogate diluted out of range or surrogate coelutes with another peak.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

j1) see attached narrative



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

Trinity Source Group Inc  500 Chestnut St, Ste. 225  Santa Cruz, CA 95060	Client Project ID: #154.004.004; ABF Freign	Date Sampled: 06/20/12
	Client Contact: Debra Moses	Date Received: 06/20/12
	Client P.O.:	Date Extracted: 06/25/12
		Date Analyzed: 06/25/12

**Volatile Organic Compounds in µg/m<sup>3</sup>\***

Extraction Method: TO17

Analytical Method: TO17

Work Order: 1206602

Lab ID	1206602-003A	1206602-004A			Reporting Limit for DF =1	
Client ID	SVP-1	SVP-2				
Matrix	ST	ST				
DF	1	1				
Sample Volume (L)	4002.00	4002.00			ST	W
Compound	Concentration				µg/m <sup>3</sup>	µg/L
Naphthalene	ND<2.0	3.4			25	NA

**Surrogate Recoveries (%)**

%SS1:	92	90			
-------	----	----	--	--	--

**Comments**

\*Samples reported in µg/m<sup>3</sup>; reporting limit may change due to variable volume of air.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.



**QC SUMMARY REPORT FOR ASTM D 1946-90**

W.O. Sample Matrix: Soilgas

QC Matrix: Soilgas

BatchID: 68512

WorkOrder: 1206602

EPA Method: ASTM D 1946-90		Extraction: ASTM D 1946-90					Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	%	%	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Helium	N/A	0.010	N/A	N/A	N/A	107	N/A	N/A	60 - 140	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
 NONE

BATCH 68512 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206602-001A	06/20/12	06/21/12	06/21/12 4:24 PM	1206602-002A	06/20/12	06/21/12	06/21/12 4:37 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.  
 $\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$   
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.  
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.  
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.





### QC SUMMARY REPORT FOR TO15

W.O. Sample Matrix: Soilgas

QC Matrix: Soilgas

BatchID: 68675

WorkOrder: 1206602

Analyte	Extraction: TO15		Spiked Sample ID: N/A				Acceptance Criteria (%)		
	Sample nL/L	Spiked nL/L	MS % Rec.	MSD % Rec.	MS-MSD % RPD	LCS % Rec.	MS / MSD	RPD	LCS
Acrylonitrile	N/A	25	N/A	N/A	N/A	97.5	N/A	N/A	60 - 140
tert-Amyl methyl ether (TAME)	N/A	25	N/A	N/A	N/A	106	N/A	N/A	60 - 140
Benzene	N/A	25	N/A	N/A	N/A	108	N/A	N/A	60 - 140
Benzyl chloride	N/A	25	N/A	N/A	N/A	119	N/A	N/A	60 - 140
Bromodichloromethane	N/A	25	N/A	N/A	N/A	105	N/A	N/A	60 - 140
Bromoform	N/A	25	N/A	N/A	N/A	107	N/A	N/A	60 - 140
t-Butyl alcohol (TBA)	N/A	25	N/A	N/A	N/A	93.6	N/A	N/A	60 - 140
Carbon Disulfide	N/A	25	N/A	N/A	N/A	96.5	N/A	N/A	60 - 140
Carbon Tetrachloride	N/A	25	N/A	N/A	N/A	115	N/A	N/A	60 - 140
Chlorobenzene	N/A	25	N/A	N/A	N/A	103	N/A	N/A	60 - 140
Chloroethane	N/A	25	N/A	N/A	N/A	96.8	N/A	N/A	60 - 140
Chloroform	N/A	25	N/A	N/A	N/A	101	N/A	N/A	60 - 140
Chloromethane	N/A	25	N/A	N/A	N/A	95.7	N/A	N/A	60 - 140
Dibromochloromethane	N/A	25	N/A	N/A	N/A	112	N/A	N/A	60 - 140
1,2-Dibromo-3-chloropropane	N/A	25	N/A	N/A	N/A	102	N/A	N/A	60 - 140
1,2-Dibromoethane (EDB)	N/A	25	N/A	N/A	N/A	108	N/A	N/A	60 - 140
1,3-Dichlorobenzene	N/A	25	N/A	N/A	N/A	104	N/A	N/A	60 - 140
1,4-Dichlorobenzene	N/A	25	N/A	N/A	N/A	108	N/A	N/A	60 - 140
Dichlorodifluoromethane	N/A	25	N/A	N/A	N/A	102	N/A	N/A	60 - 140
1,1-Dichloroethane	N/A	25	N/A	N/A	N/A	97	N/A	N/A	60 - 140
1,2-Dichloroethane (1,2-DCA)	N/A	25	N/A	N/A	N/A	103	N/A	N/A	60 - 140
cis-1,2-Dichloroethene	N/A	25	N/A	N/A	N/A	101	N/A	N/A	60 - 140
trans-1,2-Dichloroethene	N/A	25	N/A	N/A	N/A	101	N/A	N/A	60 - 140
1,2-Dichloropropane	N/A	25	N/A	N/A	N/A	107	N/A	N/A	60 - 140
cis-1,3-Dichloropropene	N/A	25	N/A	N/A	N/A	108	N/A	N/A	60 - 140
trans-1,3-Dichloropropene	N/A	25	N/A	N/A	N/A	107	N/A	N/A	60 - 140
1,2-Dichloro-1,1,2,2-tetrafluoroethane	N/A	25	N/A	N/A	N/A	105	N/A	N/A	60 - 140
Diisopropyl ether (DIPE)	N/A	25	N/A	N/A	N/A	94	N/A	N/A	60 - 140
1,4-Dioxane	N/A	25	N/A	N/A	N/A	116	N/A	N/A	60 - 140
Ethyl acetate	N/A	25	N/A	N/A	N/A	85.6	N/A	N/A	60 - 140
Ethyl tert-butyl ether (ETBE)	N/A	25	N/A	N/A	N/A	99.3	N/A	N/A	60 - 140

LCS = Laboratory Control Sample

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer



### QC SUMMARY REPORT FOR TO15

W.O. Sample Matrix: Soilgas

QC Matrix: Soilgas

BatchID: 68675

WorkOrder: 1206602

EPA Method: TO15		Extraction: TO15					Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	nL/L	nL/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Ethylbenzene	N/A	25	N/A	N/A	N/A	102	N/A	N/A	60 - 140	
Freon 113	N/A	25	N/A	N/A	N/A	100	N/A	N/A	60 - 140	
Hexachlorobutadiene	N/A	25	N/A	N/A	N/A	88.1	N/A	N/A	60 - 140	
4-Methyl-2-pentanone (MIBK)	N/A	25	N/A	N/A	N/A	98.7	N/A	N/A	60 - 140	
Methyl-t-butyl ether (MTBE)	N/A	25	N/A	N/A	N/A	101	N/A	N/A	60 - 140	
Methylene chloride	N/A	25	N/A	N/A	N/A	87.1	N/A	N/A	60 - 140	
Naphthalene	N/A	25	N/A	N/A	N/A	99.1	N/A	N/A	60 - 140	
Styrene	N/A	25	N/A	N/A	N/A	105	N/A	N/A	60 - 140	
1,1,1,2-Tetrachloroethane	N/A	25	N/A	N/A	N/A	112	N/A	N/A	60 - 140	
1,1,1,2,2-Tetrachloroethane	N/A	25	N/A	N/A	N/A	106	N/A	N/A	60 - 140	
Tetrachloroethene	N/A	25	N/A	N/A	N/A	110	N/A	N/A	60 - 140	
Tetrahydrofuran	N/A	25	N/A	N/A	N/A	92.7	N/A	N/A	60 - 140	
Toluene	N/A	25	N/A	N/A	N/A	103	N/A	N/A	60 - 140	
1,2,4-Trichlorobenzene	N/A	25	N/A	N/A	N/A	105	N/A	N/A	60 - 140	
1,1,1-Trichloroethane	N/A	25	N/A	N/A	N/A	105	N/A	N/A	60 - 140	
1,1,2-Trichloroethane	N/A	25	N/A	N/A	N/A	108	N/A	N/A	60 - 140	
Trichloroethene	N/A	25	N/A	N/A	N/A	108	N/A	N/A	60 - 140	
1,2,4-Trimethylbenzene	N/A	25	N/A	N/A	N/A	106	N/A	N/A	60 - 140	
1,3,5-Trimethylbenzene	N/A	25	N/A	N/A	N/A	105	N/A	N/A	60 - 140	
Vinyl Chloride	N/A	25	N/A	N/A	N/A	125	N/A	N/A	60 - 140	
%SS1:	N/A	500	N/A	N/A	N/A	94	N/A	N/A	60 - 140	
%SS2:	N/A	500	N/A	N/A	N/A	95	N/A	N/A	60 - 140	
%SS3:	N/A	500	N/A	N/A	N/A	97	N/A	N/A	60 - 140	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
 NONE

**BATCH 68675 SUMMARY**

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206602-001A	06/20/12	06/26/12	06/26/12 9:49 PM	1206602-002A	06/20/12	06/26/12	06/26/12 10:30 PM

LCS = Laboratory Control Sample

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer



### QC SUMMARY REPORT FOR TO17

W.O. Sample Matrix: Sorbent Tube

QC Matrix: Sorbent Tube

BatchID: 68637

WorkOrder: 1206602

EPA Method: TO17		Extraction: TO17					Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	µg/m³	µg/m³	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Naphthalene	N/A	100	N/A	N/A	N/A	72.2	N/A	N/A	60 - 140	
%SS1:	N/A	100	N/A	N/A	N/A	86	N/A	N/A	60 - 140	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
 NONE

BATCH 68637 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206602-003A	06/20/12	06/25/12	06/25/12 1:11 PM	1206602-004A	06/20/12	06/25/12	06/25/12 2:06 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.  
 % Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).  
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.  
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.  
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.  
 # surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.  
 Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



## Analytical Report

Trinity Source Group Inc  500 Chestnut St, Ste. 225  Santa Cruz, CA 95060	Client Project ID: #154.004.004; ABF Freign	Date Sampled: 06/20/12
		Date Received: 06/20/12
	Client Contact: Debra Moses	Date Reported: 07/13/12
	Client P.O.:	Date Completed: 07/13/12

**WorkOrder: 1206602 A**

July 13, 2012

Dear Debra:

Enclosed within are:

- 1) The results of the **2** analyzed samples from your project: **#154.004.004; ABF Freign,**
- 2) QC data for the above samples, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius  
 Laboratory Manager  
 McC Campbell Analytical, Inc.

*The analytical results relate only to the items tested.*



**McCAMPBELL ANALYTICAL INC.**

1534 WILLOW PASS ROAD / PITTSBURG, CA 94565-1701

Website: [www.mccampbell.com](http://www.mccampbell.com) / Email: [main@mccampbell.com](mailto:main@mccampbell.com)

Telephone: (877) 252-9262 / Fax: (925) 252-9269

**CHAIN OF CUSTODY RECORD**

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No



Lab Use Only

Report To: *Debra Moses* Bill To: *David Kemsma*

Company: *Trinity Source Group*

E-Mail: *labstrinity@gmail.com*

Tele: *(831) 426-5600* Fax: *(831) 426-5602*

Project #: *154.004.004* Project Name: *ABF Energy*

Project Location: *4575 Tildenwater Ave*

Sampler Signature: *[Signature]*

Pressurized By	Date	Pressurization Gas	
		N2	He
			<input checked="" type="checkbox"/>

Helium Shroud SN#:

Other:

Notes: *flow rate 66.7 ml/min for T017*

Field Sample ID (Location)	Collection		Canister SN#	Manifold / Sampler Kit SN#	Analysis Requested	Indoor Air	Soil Gas	Canister Pressure/Vacuum			
	Date	Time						Initial	Final	Receipt	Final (psi)
<i>SUP-1</i>	<i>6/24/12</i>	<i>1117-1122</i>			<i>TO-15 + gas - He LC</i>			<i>-30</i>	<i>-3</i>	<i>O2, CO2, Methane</i>	
<i>SUP-2</i>		<i>1505-1511</i>			<i>TO-15 + gas - He LC</i>			<i>-29</i>	<i>-3</i>	<i>7/5/12 pd. 1</i>	
<i>SUP-1</i>		<i>1142-1242</i>	<i>Sorbent Tube</i>		<i>TO-17 naphthalene only</i>						
<i>SUP-2</i>		<i>1515-1615</i>	<i>Sorbent Tube</i>		<i>TO-17 naphthalene only</i>						

Relinquished By: *[Signature]* Date: *6/24/12* Time: *5:00* Received By: *[Signature]*

Relinquished By: Date: Time: Received By:

Relinquished By: Date: Time: Received By:

Temp (°C): \_\_\_\_\_ Work Order #: *1206602*

Equipment Condition: *good*

Shipped Via: *Client drop in*



McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
 Pittsburg, CA 94565-1701  
 (925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 1206602 **A** ClientCode: TSGS

WaterTrax  WriteOn  EDF  Excel  Fax  Email  HardCopy  ThirdParty  J-flag

**Report to:**  
 Debra Moses  
 Trinity Source Group Inc  
 500 Chestnut St, Ste. 225  
 Santa Cruz, CA 95060  
 (831) 426-5600 FAX: (831) 486-5602

Email: labstrinity@gmail.com  
 cc:  
 PO:  
 ProjectNo: #154.004.004; ABF Freign

**Bill to:**  
 Allan  
 Trinity Source Group Inc  
 500 Chestnut St, Ste. 225  
 Santa Cruz, CA 95060  
 afm@tsgcorp.net

**Requested TAT: 5 days**  
*Date Received: 06/20/2012*  
*Date Add-On: 07/05/2012*  
*Date Printed: 07/05/2012*

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
1206602-001	SVP-1	Soil Vapor	6/20/2012	<input type="checkbox"/>	A												
1206602-002	SVP-2	Soil Vapor	6/20/2012	<input type="checkbox"/>	A												

**Test Legend:**

1	RSK174_SOILGAS	2		3		4		5	
6		7		8		9		10	
11		12							

**Prepared by: Melissa Valles**

**Comments:** RSK added to 001 & 002 7/5/12 5d.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).  
 Hazardous samples will be returned to client or disposed of at client expense.











**QC SUMMARY REPORT FOR ASTM D 1946-90**

W.O. Sample Matrix: SoilGas

QC Matrix: Air

BatchID: 69011

WorkOrder: 1206602

EPA Method: ASTM D 1946-90		Extraction: ASTM D 1946-90					Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	µL/L	µL/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Carbon Dioxide	N/A	100	N/A	N/A	N/A	118	N/A	N/A	70 - 130	
Methane	N/A	10	N/A	N/A	N/A	97.4	N/A	N/A	80 - 120	
Oxygen	N/A	10000	N/A	N/A	N/A	65	N/A	N/A	60 - 130	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
 NONE

BATCH 69011 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206602-001A	06/20/12	07/11/12	07/11/12 1:59 PM	1206602-001A	06/20/12	07/11/12	07/11/12 4:04 PM
1206602-001A	06/20/12	07/12/12	07/12/12 4:13 PM	1206602-002A	06/20/12	07/11/12	07/11/12 2:10 PM
1206602-002A	06/20/12	07/11/12	07/11/12 4:17 PM	1206602-002A	06/20/12	07/12/12	07/12/12 4:34 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.  
 $\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$   
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.  
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.  
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.