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

abf.com

September 20, 2013

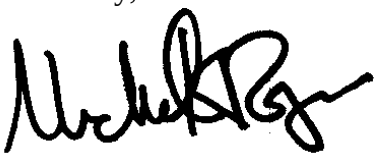
Mr. Mark Detterman, RG, CEG
Senior Hazardous Materials Specialist
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Perjury Statement-**
Third Quarter 2013 Groundwater Monitoring Report
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

ABF FREIGHT SYSTEM FACILITY
4575 TIDEWATER AVENUE
OAKLAND, CALIFORNIA
THIRD QUARTER 2013 GROUNDWATER MONITORING REPORT
SEPTEMBER 20, 2013

SITE ADDRESS:	4575 Tidewater Avenue Oakland, California	**REGULATORY AGENCY:**	Alameda County Environmental Health Department
		REGULATORY CONTACT:	Mr. Mark Detterman, RG, CEG
PROJECT NO:	154.005.001	**REGULATORY ADDRESS:**	1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577
		REGULATOR'S PHONE:	(510) 567-6876
		REGULATOR'S EMAIL:	mark.detterman@acgov.org
CONTACT:	Michael Rogers		
ADDRESS:	ABF Freight System Inc. 3801 Old Greenwood Rd. Fort Smith, AR 72903	**REGULATORY AGENCY:**	San Francisco Bay RWQCB (Region 2)
		REGULATORY CONTACT:	Cherie McCaulou
PHONE:	(479) 785-8700	**REGULATORY ADDRESS:**	1515 Clay Street, Suite 1400 Oakland, CA 94612
EMAIL:	mkrogers@arkbest.com		
		REGULATOR'S PHONE:	(510) 622-2300
LOCAL CASE#:	RO0003033	**REGULATOR'S EMAIL:**	cmccaulou@waterboards.ca.gov
		GEOTRACKER GLOBAL ID:	T0600100018

GAUGING DATE: August 1, 2013
SAMPLING DATE: August 1, 2013
CURRENT SITE STATUS: Operating Truck Transfer Station
MONITORING PERIOD: Third Quarter 2013

WORK PERFORMED:

Groundwater monitoring wells were gauged and sampled by Trinity Source Group, Inc. (Trinity). Samples were analyzed for gasoline-range total petroleum hydrocarbons as gasoline (TPHg) and diesel-range total petroleum hydrocarbons using silica gel cleanup (TPHd) by EPA Method 8015; benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), and methyl tertiary butyl ether (MTBE) by EPA

Method 8260; and polynuclear aromatic hydrocarbons (PAH) by EPA Method 8270. The samples were analyzed by ESC Lab Sciences (ELAP # 01157CA).

GROUNDWATER MONITORING:

Number of Wells:	4
Liquid Phase Hydrocarbons (LPH):	None
Wells Gauged:	4
Wells Sampled:	4

GROUNDWATER DATA:

Groundwater Elevation:	Between 5.72 and 7.07 feet above mean sea level
Groundwater Flow:	South-Southwest to Southeast
Hydraulic Gradient:	Ranging between 0.012 and 0.048 feet/feet (ft/ft)

CURRENT STATUS:

Four groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4) were gauged and sampled by Trinity.

Results of the third quarter 2013 sampling events are included in Table 1. A site location map, site map, groundwater elevation, TPHd, benzene, and naphthalene contour maps are presented as Figures 1 through 6, respectively. Trinity's field procedures are included as Attachment A, and Trinity's field data sheets are included in Attachment B. The certified analytical report, chain-of-custody and GeoTracker upload documentation are included in Attachment C. Purge water disposal documentation from the second quarter monitoring event and for this event are included as Attachment D.

Analytical Results Summary

- TPHg was detected in one well (MW-1) at a concentration of 540 micrograms per liter (µg/L).
- TPHd was detected in all four wells at concentrations ranging from 440 µg/L in Well MW-2 to 4,700 µg/L in Well MW-1.
- Benzene was detected in two wells at a concentration of 1.9 µg/L in Well MW-4 and 9.6 µg/L in Well MW-1.
- Toluene was detected in one well at a concentration of 0.83 µg/L in Well MW-1.
- Ethylbenzene was detected in one well at a concentration of 0.49 µg/L in Well MW-1.
- Total xylenes were detected in one well at a concentration of 2.8 µg/L in Well MW-1.
- MTBE was detected in one well at a concentration of 1.2 µg/L in Well MW-4.
- Acenaphthene was detected in four wells at concentrations ranging from 0.021 µg/L in Well MW-2 to 4.4 µg/L in Well MW-4.
- Acenaphthylene was detected in three wells at concentrations ranging from 0.015 µg/L in Well MW-3 to 0.28 µg/L in Well MW-1.
- Anthracene was detected in three wells at concentrations ranging from 0.019 µg/L in Well MW-3 to 0.10 µg/L in Well MW-4.

- Fluoranthene was detected in two wells at a concentration of 0.050 µg/L in Well MW-4 and 0.068 µg/L in Well MW-1.
- Fluorene was detected in three wells at concentrations ranging from 0.12 µg/L in Well MW-3 to 3.0 µg/L in Well MW-4.
- Naphthalene was detected in three wells at concentrations ranging from 0.91 µg/L in Well MW-3 to 56 µg/L in Well MW-1.
- 1-Methylnaphthalene was detected in all four wells at concentrations ranging from 0.010 µg/L in Well MW-2 to 19 µg/L in Well MW-1.
- 2-Methylnaphthalene was detected in all four wells at concentrations ranging from 0.010 µg/L in Well MW-2 to 17 µg/L in Well MW-1.
- Phenanthrene was detected in all four wells at a concentrations ranging from 0.0091 µg/L in Well MW-2 to 1.7 µg/L in Well MW-4.
- Pyrene was detected in three wells at a concentrations ranging from 0.014 µg/L in Well MW-2 and 0.059 µg/L in Well MW-1.

Concentrations were compared to San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for industrial land use, aquatic habitat protection. The TPHg in Well MW-1, TPHd in Wells MW-1, MW-3 and MW-4, naphthalene in Well MW-1, and 2-methyl naphthalene in Wells MW-1 and MW-4 are the only reported detections that exceed ESLs this quarter.

RECOMMENDATIONS:

Continue quarterly groundwater monitoring of Wells MW-1 through MW-4, for one more event to determine the range and variability of groundwater concentrations around the site.

Should you have any questions regarding this document, 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

Jon Gamble
Staff Geologist

ATTACHMENTS:

Table 1:	Groundwater Monitoring Data
Figure 1:	Site Location Map
Figure 2:	Monitoring Well Location Map
Figure 3:	Groundwater Elevation Contour Map – August 1, 2013
Figure 4:	TPHd Concentration Contour Map – August 1, 2013
Figure 5:	Benzene Concentration Contour Map – August 1, 2013
Figure 6:	Naphthalene Concentration Contour Map – August 1, 2013
Attachment A:	Field Procedures
Attachment B:	Field Data Sheets
Attachment C:	Certified Analytical Report, Chain-of-Custody and GeoTracker Upload Documentation
Attachment D:	Purge Water Disposal Documentation

DISTRIBUTION:

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RWQCB-San Francisco Bay Region
1515 Clay St., Suite 1400
Oakland, CA 94612

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

TABLE

Table 1
Groundwater Analytical Data
ABF Freight System, Inc.
4575 Tidewater Avenue
Oakland, California

Sample ID	Sample Date	TOC Well Elevation (feet, MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	EPA Method: 1664A	8015D/G	3511/8015				Volatile Organics: 8260B						
					TPH Oil & Grease (µg/L)	TPHg (µg/L)	TPHd without silica gel cleanup (µg/L)	TPHmo without silica gel cleanup (µg/L)	TPHd with silica gel cleanup (µg/L)	TPHmo with silica gel cleanup (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Ethyl-benzene (µg/L)	Naph-thalene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L)	Other Detections
MW-1	9/15/1986[a]		NA		NA	4,520	NA	NA	NA	NA	NA	1,590	NA	NA	12	1,000	
	10/17/11	11.12	4.56	6.56	<1,300	660	6,680	110	4,520	33	8.4	11	0.93	56	1.1	3.3	A
	2/8/13	11.12	4.22	6.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/7/13	11.12	4.28	6.84	NS	690	NS	NS	3,000	NS	NS	19	0.60 b	NS	1.0 b	3.1	none
	8/1/13	**11.12**	**5.23**	**5.89**	**NS**	**540**	**NS**	**NS**	**4,700**	**NS**	**NS**	**9.6**	**0.49 b**	**NS**	**0.83 b**	**2.8 b**	**none**
MW-2	9/15/1986[a]		NA		NA	<50	NA	NA	NA	NA	NA	9	NA	NA	<1	<1	
	10/17/11	11.17	3.87	7.30	1,700	<40	730	64	600	69	11	<0.10	<0.11	1.0	<0.15	<0.50	none
	2/8/13	11.17	3.67	7.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/7/13	11.17	4.10	7.07	NS	<100	NS	NS	93 b	NS	NS	<1.0	<1.0	NS	<5.0	<3.0	none
	8/1/13	**11.17**	**4.83**	**6.34**	**NS**	**<100**	**NS**	**NS**	**440**	**NS**	**NS**	**<1.0**	**<1.0**	**NS**	**<5.0**	**<3.0**	**none**
MW-3	1/7/13	10.96	3.68	7.28	<10,000	43	NA	NA	300	NA	NA	<1.0	<1.0	NA	<5.0	<3.0	none
	2/8/13	10.96	3.98	6.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/7/13	10.96	4.56	6.40	NS	<100	NS	NS	550	NS	NS	<1.0	<1.0	NS	<5.0	<3.0	none
	8/1/13	**10.96**	**5.24**	**5.72**	**NS**	**<100**	**NS**	**NS**	**700**	**NS**	**NS**	**<1.0**	**<1.0**	**NS**	**<5.0**	**<3.0**	**none**
MW-4	1/7/13	11.60	3.91	7.69	<10,000	<100	NA	NA	540	NA	NA	<1.0	<1.0	NA	<5.0	<3.0	MTBE = 2.1
	2/8/13	11.60	3.31	8.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/7/13	11.60	3.20	8.40	NS	31 b	NS	NS	2,400	NS	NS	2.5	<1.0	NS	<5.0	<3.0	MTBE= 1.2
	8/1/13	**11.60**	**4.53**	**7.07**	**NS**	**<100**	**NS**	**NS**	**1,500**	**NS**	**NS**	**1.9**	**<1.0**	**NS**	**<5.0**	**<3.0**	**MTBE= 1.2**
			ESL		640	500	640	640	640	640	1,500	46	43	24	130	100	
(Industrial Land Use, Non-Drinking Water Source, Aquatic Habitat Protection)																	

Sample ID	Sample Date		Depth to Groundwater (ft)	Polynuclear Aromatic Hydrocarbons - EPA METHOD 8270C: Acenaphthene (µg/L)	Acenaph-thylene (µg/L)	Benzo (a) anthracene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	1-Methyl naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Phenan-threne (µg/L)	Pyrene (µg/L)	Other Detections
MW-1	10/17/11		4.56	0.69	0.20	ND	0.056	0.049	1.5	31	13	13	0.29	0.041	none
	5/7/13		4.28	0.82	0.24	<0.050	0.065	<0.050	1.5	36	15	14	<0.25	0.029 b	none
	8/1/13		**5.23**	**1.1**	**0.28**	**<0.050**	**0.086**	**0.068**	**1.9**	**56**	**19**	**17**	**0.42**	**0.059**	**none**
MW-2	10/17/11		3.87	0.097	<0.011	ND	<0.013	<0.016	0.022	0.57	0.096	0.088	<0.018	0.021	none
	5/7/13		4.10	0.17	<0.050	<0.050	0.0089 b	<0.050	0.016 b	2.6	0.20 b	0.11 b	<0.050	<0.050	none
	8/1/13		**4.83**	**0.021 b**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.25**	**0.010 b**	**0.010 b**	**0.0091 b**	**0.014 b**	**none**
MW-3	1/7/13		3.68	0.18	<0.25	0.092	<0.25	<0.25	0.32	4.3	2.2	1.2	0.12	<0.25	none
	5/7/13		4.56	0.066	0.014 b	<0.050	0.025 b	<0.050	0.13	0.61	0.62	0.27	0.034 b	<0.050	none
	8/1/13		**5.24**	**0.073**	**0.015 b**	**<0.050**	**0.019 b**	**<0.050**	**0.12**	**0.91**	**0.65**	**0.28**	**0.031 b**	**<0.050**	**none**
MW-4	1/7/13		3.91	0.37	<0.25	0.095	<0.25	<0.25	0.26	1.2	2.1	0.76	0.098	<0.25	none
	5/7/13		3.20	6.5	0.066	<0.050	0.16	0.059	2.4	3.5	18	3.0	2.7	0.051	none
	8/1/13		**4.53**	**4.4**	**0.24**	**<0.050**	**0.10**	**0.050**	**3.0**	**5.8**	**12**	**3.3**	**1.7**	**0.042 b**	
			ESL	23	30	0.027	0.73	8.0	3.9	24	NLE	2.1	4.6	2.0	
(Industrial Land Use, Non-Drinking Water Source, Aquatic Habitat Protection)															

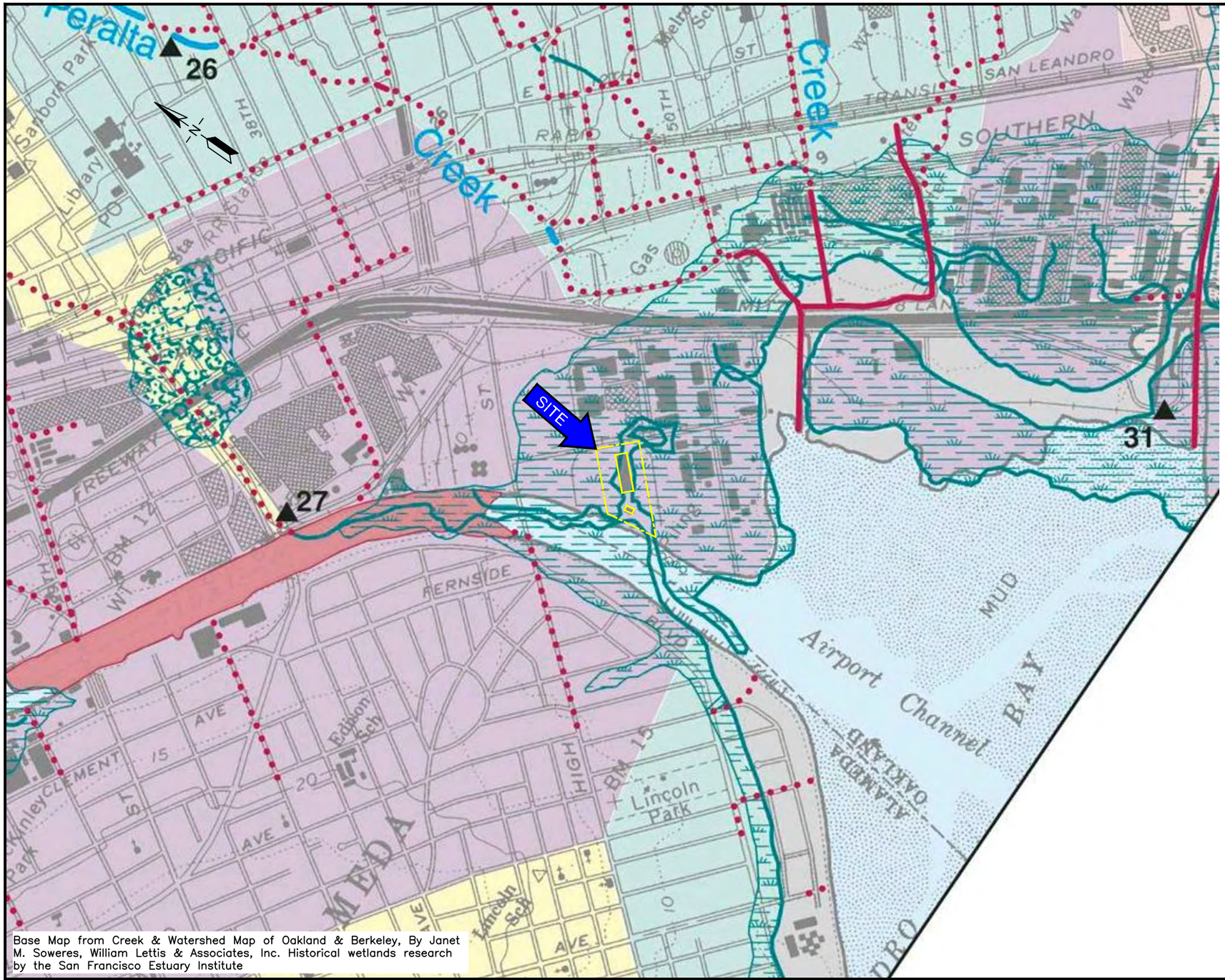
Table 1
Groundwater Analytical Data
ABF Freight System, Inc.
4575 Tidewater Avenue
Oakland, California

					EPA Method												
					1664A	8015D/G	3511/8015				Volatile Organics: 8260B						
Sample ID	Sample Date	TOC Well Elevation (feet, MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet, MSL)	TPH Oil & Grease (µg/L)	TPHg (µg/L)	TPHd without silica gel cleanup (µg/L)	TPHmo without silica gel cleanup (µg/L)	TPHd with silica gel cleanup (µg/L)	TPHmo with silica gel cleanup (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Ethyl-benzene (µg/L)	Naph-thalene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L)	Other Detections

Notes:

Note: Please reference lab report for all qualifers and notes.
Bold = Most current laboratory data
ID = Identification
TOC = top of casing
MSL = mean sea level
EPA = Environmental Protection Agency
TPHg = Total Petroleum Hydrocarbons, gasoline-range organics
TPHd = Total Petroleum Hydrocarbons, diesel-range organics (sum of C10-C22 and C22-C32 hydrocarbons)
TPHmo = Total Petroleum Hydrocarbons, motor-oil range organics (C32-C40 hydrocarbons)
MTBE = methyl-tert-butyl-ether
ESL = Environmental Screening Level (ESL) listed in *Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater* (November 2007), San Francisco Bay Regional Water Quality Control Board, California EPA, http://www.waterboards.ca.gov/rwqcb2/water_issues/programs/esl.shtml, updated February 2013
MW = Monitoring Well
µg/L micrograms per liter (equivalent to parts per billion)
< = not detected at above detection limit
MDL = Minimum detection limit
TPH = Total petroleum hydrocarbons
A = The following analytes were detected above MDL: n-Butylbenzene 2.6 µg/L, sec-Butylbenzene 1.9 µg/L, tert-Butylbenzene 14 µg/L, n-Hexane 7.9 µg/L, Isopropylbenzene 11 µg/L, n-Propylbenzene 21 µg/L, and 1,2,3-trimethylbenzene 1.2 µg/L
NLE = No level established
a = Data reported in Weston report dated February 25, 1987; analysis by EPA Methods 5020/8015/8020; Weston report listed "Motor Fuel" analysis which Trinity is reporting under TPHg
b = Estimated value below the lowest calibration point. Confidence correlates with concentration.
c = The sample matrix interfered with the ability to make any accurate determination; spike value is high

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

APPROX. SCALE IN FEET

0 1,000

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

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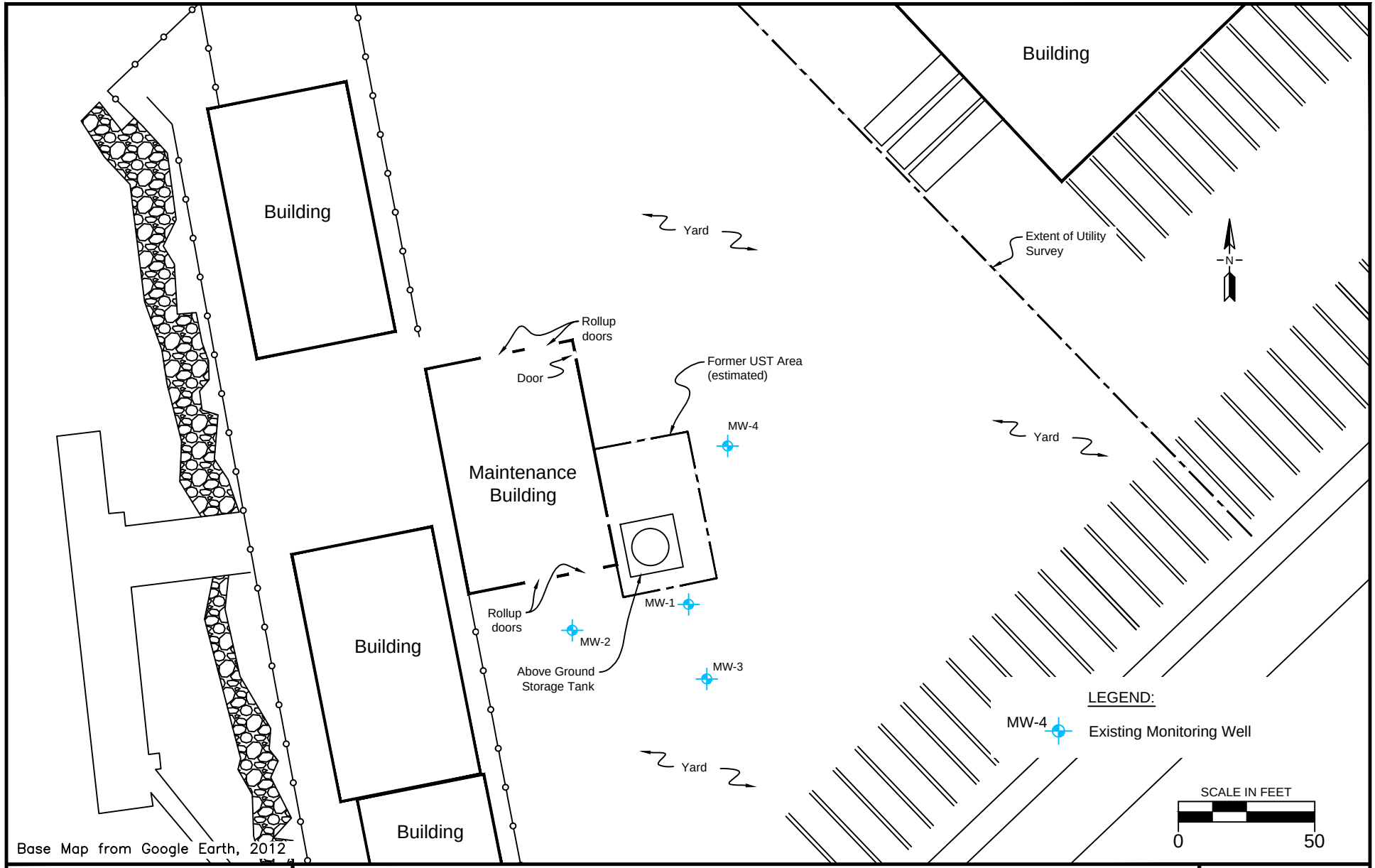
SITE LOCATION MAP

ABF Freight System Facility
4575 Tidewater Ave.
Oakland, California

PROJECT:
154.005.001

FIGURE:
1

REF. 154_001\154.004.001 fig1.dwg



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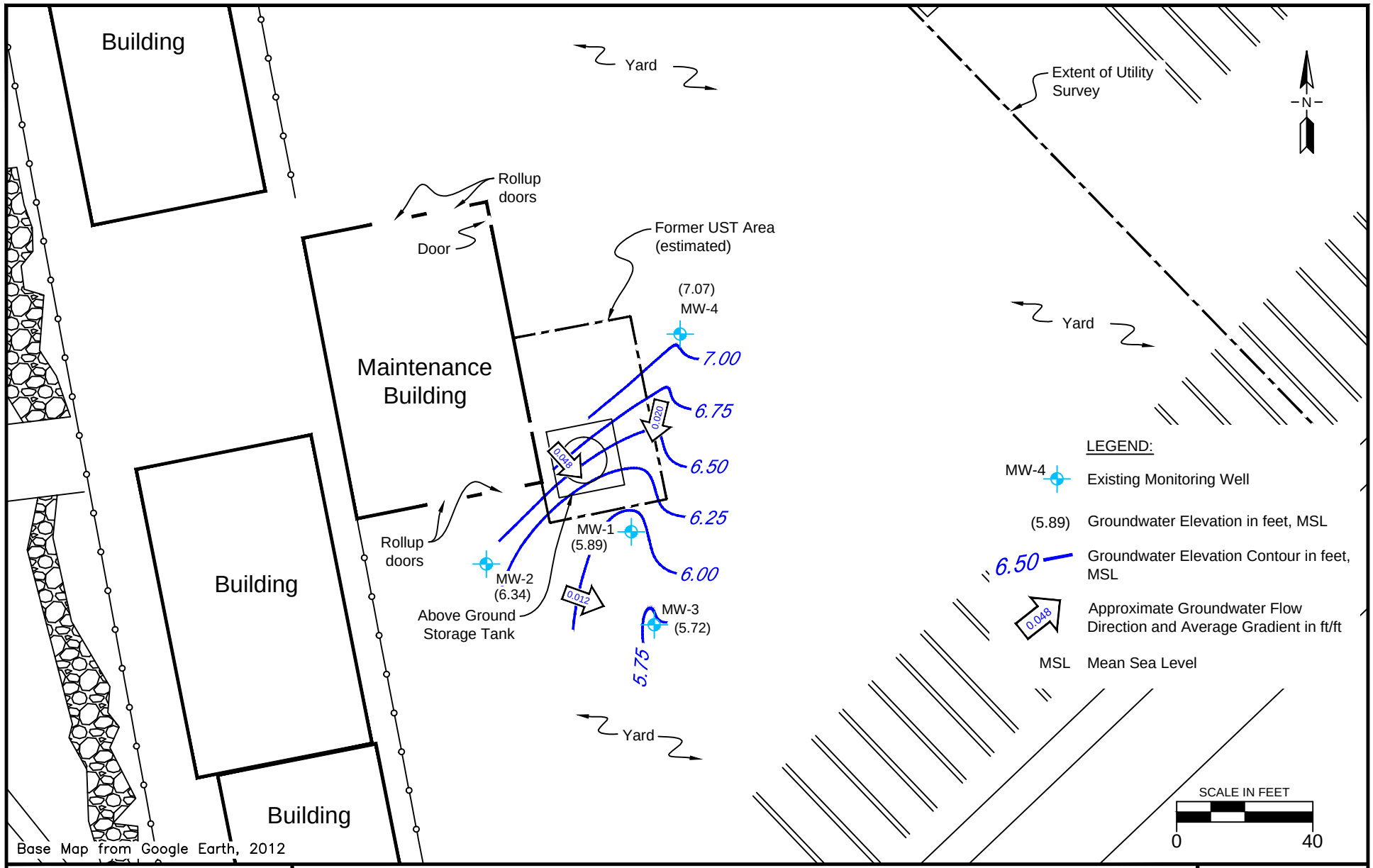
MONITORING WELL LOCATION MAP

ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

PROJECT:
154.005.001

FIGURE:
2

REF. 154_001\154.005.001 2SA130507.dwg



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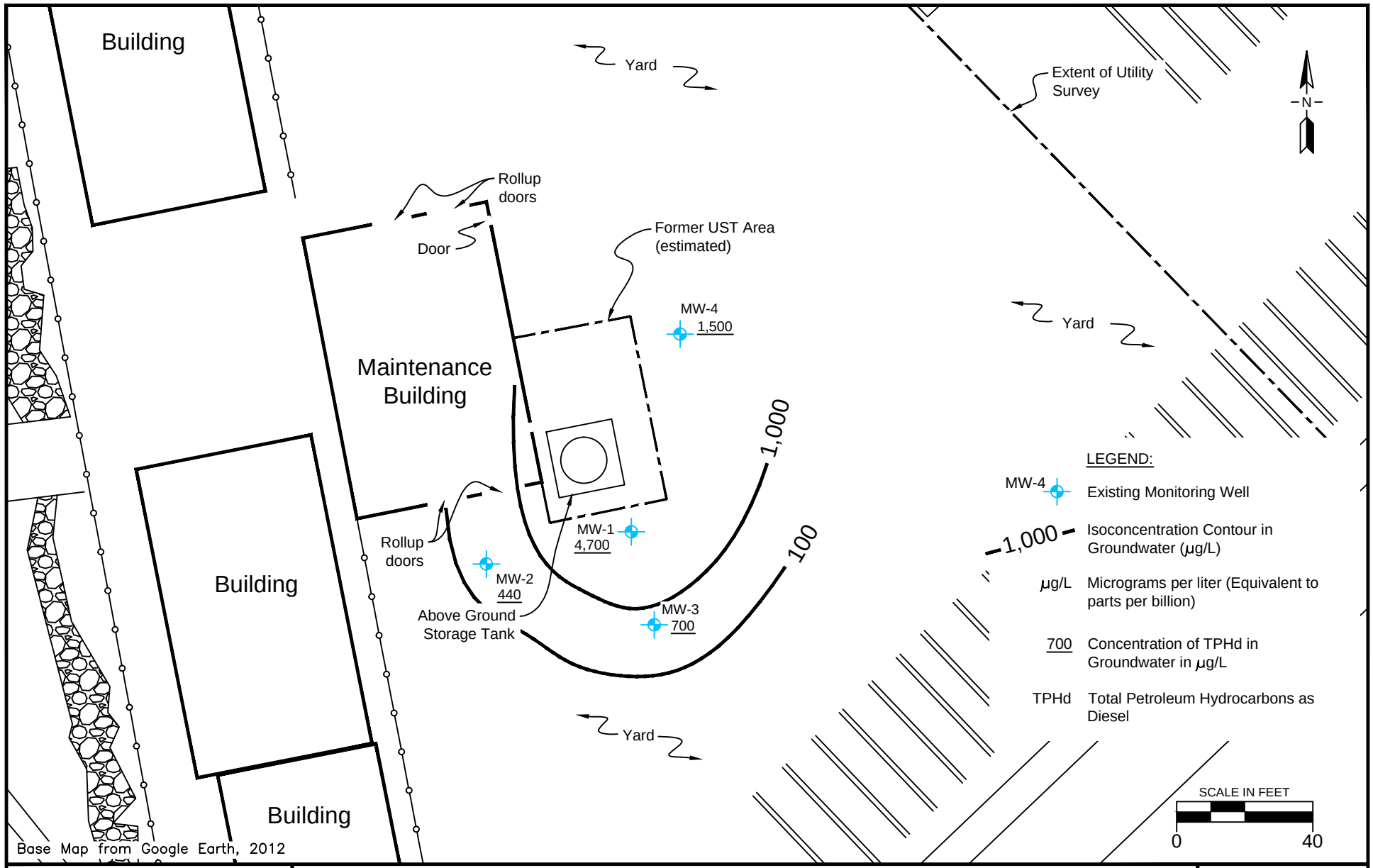
GROUNDWATER ELEVATION CONTOUR MAP, AUGUST 1, 2013

ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

PROJECT:
154.005.001

FIGURE:
3

REF. 154_001\154.005.001 3Q130801.dwg



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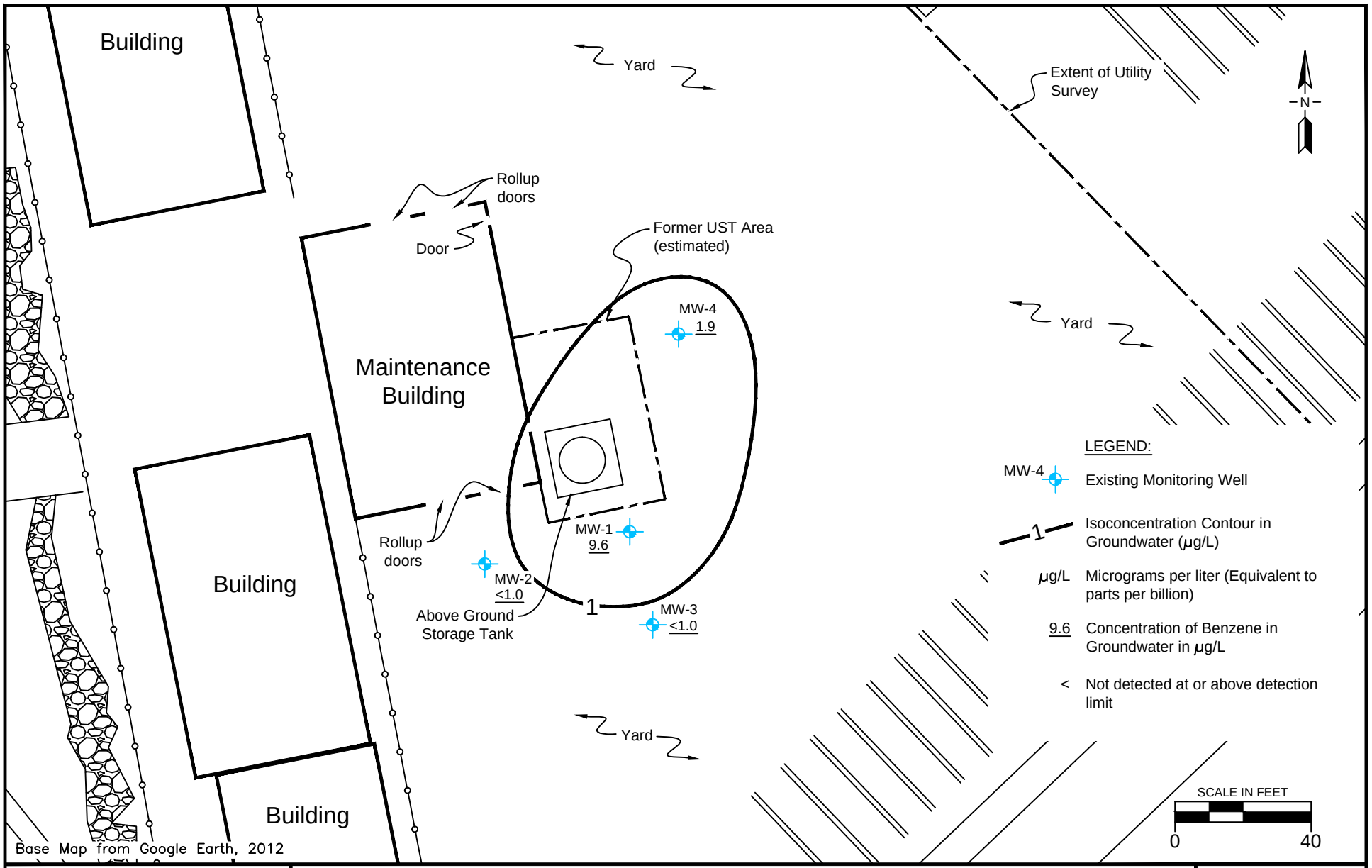
TPHd ISOCONCENTRATION CONTOUR MAP, AUGUST 1, 2013

ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

PROJECT: 154.005.001

FIGURE: 4

REF. 154_001\154.005.001 3Q130801.dwg



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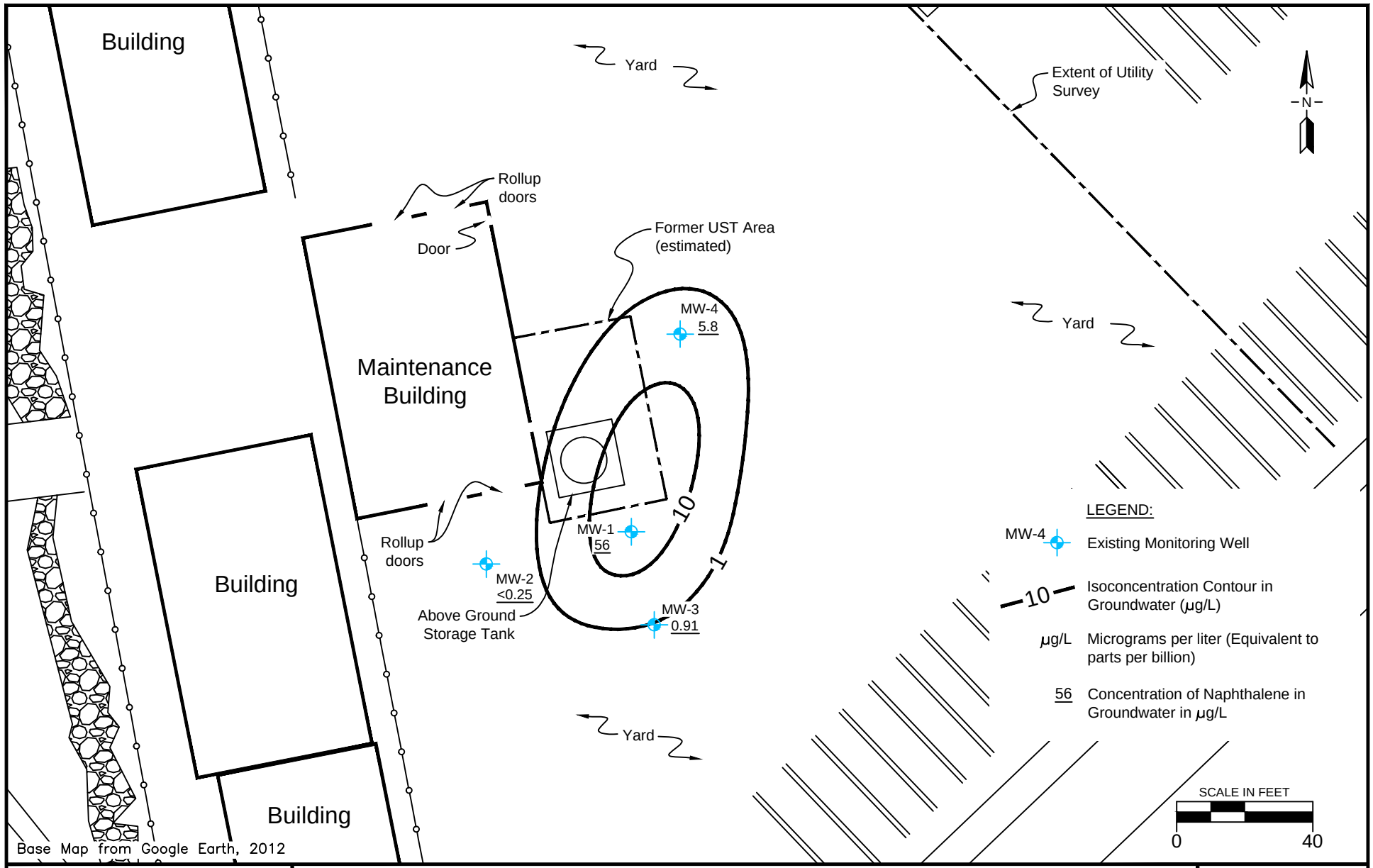
BENZENE ISOCONCENTRATION CONTOUR MAP, AUGUST 1, 2013

ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

PROJECT:
154.005.001

FIGURE:
5

REF. 154_001\154.005.001 3Q130801.dwg



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NAPHTHALENE ISOCONCENTRATION CONTOUR MAP, AUGUST 1, 2013

ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

PROJECT: 154.005.001

FIGURE: 6

REF. 154_001\154.005.001 3Q130801.dwg

ATTACHMENT A

FIELD PROCEDURES

FIELD PROCEDURES

The following section describes procedures used by field personnel in the performance of groundwater sampling.

Groundwater Level and Total Depth Determination

A water level indicator is lowered down the well and a measurement of the depth to water from an established reference point on the casing is taken. The indicator probe is used to sound the bottom of the well and a measurement of the total depth of the well is taken. Both the water level and total depth measurements are taken to the nearest 0.01-foot.

Visual Analysis of Groundwater

Prior to purging and sampling groundwater-monitoring wells, a water sample is collected from each well for subjective analysis. The visual analysis involves gently lowering a clean, disposable polyethylene bailer to approximately one-half the bailer length past the water table interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating product or the appearance of a petroleum product sheen. If measurable free product is noted in the bailer, a water/product interface probe is used to determine the thickness of the free product to the nearest 0.01-foot. The thickness of free product is determined by subtracting the depth to product from the depth to water.

Monitoring Well Purging and Sampling

Monitoring wells are purged by removing approximately three casing volumes of water from the well using a clean disposable bailer or electrical submersible purge pump. Purge volumes are calculated prior to purging. During purging, the temperature, pH, and electrical conductivity of the purge water are monitored. The well is considered to be sufficiently purged when the four casing volumes have been removed; the temperature, pH, and conductivity values have stabilized to within 10% of the initial readings; and the groundwater being removed is relatively free of suspended solids. After purging, groundwater levels are allowed to stabilize to within 80% of the initial water level reading. A water sample is then collected from each well with a clean, disposable polyethylene bailer. If the well is bailed or pumped dry prior to removing the minimum amount of water, the groundwater is allowed to recharge. If the well has recharged to within 80% of the initial depth to water reading within two hours, the well will continue to be purged until the minimum volume of water has been removed. If the well has not recharged to at least 80% of the initial depth to water reading within two hours, the well is considered to contain formational water and a groundwater sample is collected. Groundwater removed from the well is stored in 55-gallon drums at the site and labeled pending disposal.

In wells where free product is detected, the wells will be bailed to remove the free product. An estimate of the volume of product and water will be recorded. If the free product thickness is reduced to the point where a measurable thickness is no longer present in the well, a groundwater sample will be collected. If free product persists throughout the purging process, a final free product thickness measurement will be taken and a groundwater sample will not be collected.

Groundwater samples are stored in 40-milliliter vials so that air passage through the sample is minimized (to prevent volatilization of the sample). The vial is tilted and filled slowly until an upward convex meniscus forms over the mouth of the vial. The Teflon™ side of the septum (in cap) is then placed against the meniscus, and the cap is screwed on tightly. The sample is then inverted and the bottle is tapped lightly to

check for air bubbles. If an air bubble is present in the vial, the cap is removed and more sample is transferred from the bailer. The vial is then resealed and rechecked for air bubbles. The sample is then appropriately labeled and stored on ice from the time of collection through the time of delivery to the laboratory. The chain-of-custody form is completed to ensure sample integrity. Groundwater samples are transported to a state-certified laboratory and analyzed within the U.S. Environmental Protection Agency-specified hold times for the specified analytes.

ATTACHMENT B

FIELD DATA SHEETS

TEST EQUIPMENT CALIBRATION LOG

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Site: ABF TRUCKING 4757 Tidewater, OAKLAND | Date: 8/1/13 | Project No.: 154

Equipment Name	Equipment Number	Date/Time of Test	Standards Used	Equipment Reading	Calibrated to : or within 10%:	Temp.	Initials
Ultrameter	6224809	8/1/13/8:50	PH 7	7.00	✓	18.4	S.G.
			PH 4	4.01	✓		
			pH 10	10.01	✓		
			NaCL 14.0	13.95			
			KCL	7014	✓		
			TDS	5706/5687 STD	✓	18.8	

Field Data Sheet

Depth to Water Data Form

TRINITY source group, inc.
Environmental Consultants

Site Information

4575 Tide Water	8/1/13	154
Project Address	Date	Project Number
OAKLAND	ALAMEDA	CA
City	County	State

Water Level Equipment

- [X] Electronic Indicator
- [ ] Oil Water Interface Probe
- [ ] Other (specify) _____

Measured By: Jon GAMBLE (name)

Notes: MW-2 (slow Recharge)

DTW Order	Well ID	Time (24:00)	Total Depth	First DTW (toc or tob)	Second DTW (toc or tob)	Depth to SPH (toc or tob)	SPH Thickness (toc or tob)	Notes (describe SPH):
1	MW-2	0817	14.31	4.81	4.83			
2	MW-3	0819	9.78	5.25	5.24			
3	MW-4	0828	10.10	4.56	4.53			
4	MW-1	0833	17.79	5.23	5.23			Petrol ODOR

Signature: [signature]

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

TRINITY WELLHEAD INSPECTION FORM

Site Address: 4757 Tide water, OAKLAND, CA Date: 8/1/13

Project No.: 154 Technician: J.G. Page: 1 of 1

Well ID	Well Inspected-No Corrective Action Required	Well Box Meets Compliance Requirements *see below	Water Pumped From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	Yes	Yes	NO	NO	NO	NO	NO	NO	
MW-2	↓	↓	↓	↓	↓	↓	↓	↓	
MW-3	↓	↓	↓	↓	↓	↓	↓	↓	
MW-4	↓	↓	↓	↓	↓	↓	↓	↓	

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12" or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less) 3) WELL TAG IS PRESENT, SECURE AND CORRECT

Notes:

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Well Purge and Sampling Log

Site: 4757 Tidewater, OAKLAND

Sampler: JON GAMBLE

Date: 8/1/13 **Project #:** 154

Well ID: MW-1

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
4"	17.79	5.23	12V pump	Bailer

Purge Volume Calculation

TD 17.79 - DTW 5.23 = 12.56 x Gallons per Linear Foot 0.65 = 8.16 x Number of Casings 3 = 24.5 gallons

Time (24 hour)	1255	1303	1309	1318			
Gallons Purged	~~0~~	8.2	16.4	24.5			
DO (mg/L)	0.99	1.04	0.41	0.37			
pH	6.86	6.88	6.97	6.87			
Temperature (°C)	22.2	24.7	24.~~2~~	23.6			
Conductivity (umhos/cm²)	7598	4414	3908	4001			
ORP (mV)	-42	-115	-121	-125			
Visual Description	Yellow/Black	"SAME"	less black	Yellow			
Other	Strong Petro ODOR		SAME ODOR	MORE CLEAR			
Other				Petrol ODOR			

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-1	1350	3	40ml	VOAs	HCL	DRO + GRO
↓	↓	↓	↓	↓	NONE	PAHs
	↓	↓	↓	↓	HCL	BTEXM

Notes:

DTW before sampling = 5.81' @ 1347
Moderate Recharge 90% o.k.

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
2"	0.16
3"	0.37
3.5"	0.50
(4")	(0.65)
6"	1.46
8"	2.60

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Well Purge and Sampling Log

Site: 4757 Tidewater, OAKLAND

Sampler: JON GAMBLE

Date: 8/1/13 Project #: 154

Well ID: MW-2

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
4"	14.31	4.83	12V pump	Bailer

Purge Volume Calculation

TD 14.31 - DTW 4.83 = 9.48 x Gallons per Linear Foot 0.65 = 6.16 x Number of Casings 3 = 18.5 gallons

Time (24 hour)	0927	0935	0953	0956			
Gallons Purged	~~0~~	6	12	18.5			
DO (mg/L)	3.27	0.97	0.45	0.43			
pH	6.95	7.02	7.04	7.03			
Temperature (°C)	20.8	24.7	24.5	24.5			
Conductivity (umhos/cm²)	17.22	2266	2705	2689			
ORP (mV)	-148	-99	-99	-99			
Visual Description	Black	Yellow	Yellow	Yellow			
Other	Organic Odor	less odor	Slight	"SAME"			
Other			ODOR.				

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-2	1327	3	40ml	VOAs	HCL	DRO + GRO
MW-2		3	40ml	VOAs	NONE	PAHs
MW-2		3	40ml	VOAs	HCL	8260 BTEX/M

Notes:

DTW before sampling: 5.70 @ 1325

Well Dry @ 0958 (18 GALLONS)

SLOW RECHARGE

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
2"	0.16
3"	0.37
3.5"	0.50
4"	0.65
6"	1.46
8"	2.60

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Well Purge and Sampling Log

Site: 4757 Tidewater, OAKLAND

Sampler: JON GAMBLE

Date: 8/1/13 **Project #:** 154

Well ID: MW-3

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	9.78	5.24	12v pump	Bailer

Purge Volume Calculation

TD 9.78 - DTW 5.24 = 4.54 x Gallons per Linear Foot 0.16 = 0.73 x Number of Casings 3 = 2.2 gallons

Time (24 hour)	1044	1052	1055	1057			
Gallons Purged	0	0.75	1.6	2.3			
DO (mg/L)	1.93	1.83	0.82	0.72			
pH	6.84	6.65	6.66	6.67			
Temperature (°C)	26.0	27.0	26.6	26.4			
Conductivity (umhos/cm²)	13.14ms	13.68ms	13.87ms	13.88ms			
ORP (mV)	-152	-141	-140	-142			
Visual Description	Yellow	Yellow/Black	Black	Yellow/Black			
Other	NO ODOR	Organic ODOR	Slight sheen	" "			
Other			Organic ODOR	" "			

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-3	1105	3	40ml	VOA	HCL	DRO + GRO
MW-3	1105	3	↓	↓	NONE	PAH
MW-3	1105	3	↓	↓	HCL	BTEX M

Notes:

DTW before sampling: 5.71' @ 11:03

92% ✓ O.K.

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
(2")	(0.16)
3"	0.37
3.5"	0.50
4"	0.65
6"	1.46
8"	2.60

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Well Purge and Sampling Log

Site: 4757 Tidewater, OAKLAND

Sampler: JON GAMBLE

Date: 8/1/13 Project #: 154

Well ID: MW-4

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	10.10	4.53	12v Pump	Bailer

Purge Volume Calculation

TD 10.10 - DTW 4.53 = 5.57 x Gallons per Linear Foot 0.16 = 0.89 x Number of Casings 3 = 2.7 gallons

Time (24 hour)	1200	1204	1207	1211	~~1217~~		
Gallons Purged	0	0.75	1.75	2.7	~~3.0~~		
DO (mg/L)	1.63	1.11	0.91	0.65			
pH	7.31	6.99	6.80	6.77			
Temperature (°C)	24.2	24.3	24.6	24.3			
Conductivity (umhos/cm²)	9033	7338	4767	4407			
ORP (mV)	-205	-171	-147	-135			
Visual Description	Yellow	"SAME"	SAME	SAME			
Other	Slight petro odor						
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-4	1223	3	~~40~~ 40ml	VOA's	HCL	DRO + GRO
↓	↓	↓	↓		None	PAH's
↓	↓	↓	↓		HCL	BTEXM

Notes:

DTW before sampling = 5.01' @ 1221

91% OK.

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
(2")	(0.16)
3"	0.37
3.5"	0.50
4"	0.65
6"	1.46
8"	2.60

ATTACHMENT C

CERTIFIED ANALYTICAL REPORT, CHAIN-OF-CUSTODY AND GEOTRACKER UPLOAD DOCUMENTATION

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

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

Report Summary

Tuesday August 13, 2013

Report Number: L649871
Samples Received: 08/02/13
Client Project: 154.003.

Description: ABF Freight, 3rd Q, 2013 GWM Event

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:

Jarred 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, IA Lab #364

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.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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

Case Narrative

Tuesday August 13, 2013

Report Number: L649871
Samples Received: 08/02/13
Client Project: 154.003.

Description: ABF Freight, 3rd Q, 2013 GWM Event

Other Comments

The TPH-DRO analysis on L649871-04 (MW-4) had an additional OOH extraction with passing surrogate that recovered 2.13 mg/l for the target range. The original in-hold extraction is being reported.

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REPORT OF ANALYSIS

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

August 13, 2013

ESC Sample # : L649871-01

Date Received : August 02, 2013
Description : ABF Freight, 3rd Q, 2013 GWM Event

Site ID : OAKLAND, CA

Sample ID : MW-1

Project # : 154.003.

Collected By : Jon Gamble
Collection Date : 08/01/13 13:50

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	540	31.	100	ug/l		8015D/G	08/05/13	1
Surrogate Recovery-%								
a,a,a-Trifluorotoluene(FID)	96.7			% Rec.		8015D/G	08/05/13	1
Benzene	9.6	0.33	1.0	ug/l		8260B	08/03/13	1
Toluene	0.83	0.78	5.0	ug/l	J	8260B	08/03/13	1
Ethylbenzene	0.49	0.38	1.0	ug/l	J	8260B	08/03/13	1
Total Xylenes	2.8	1.1	3.0	ug/l	J	8260B	08/03/13	1
Methyl tert-butyl ether	U	0.37	1.0	ug/l		8260B	08/03/13	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	08/03/13	1
Dibromofluoromethane	92.8			% Rec.		8260B	08/03/13	1
4-Bromofluorobenzene	104.			% Rec.		8260B	08/03/13	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	4700	25.	100	ug/l		8015	08/09/13	1
Surrogate Recovery								
o-Terphenyl	86.8			% Rec.		8015	08/09/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.086	0.0076	0.050	ug/l		8270C-S	08/07/13	1
Acenaphthene	1.1	0.0082	0.050	ug/l		8270C-S	08/07/13	1
Acenaphthylene	0.28	0.0068	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)anthracene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)pyrene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(b)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Benzo(g,h,i)perylene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Benzo(k)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Chrysene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Dibenz(a,h)anthracene	U	0.0040	0.050	ug/l		8270C-S	08/07/13	1
Fluoranthene	0.068	0.016	0.050	ug/l		8270C-S	08/07/13	1
Fluorene	1.9	0.0085	0.050	ug/l		8270C-S	08/07/13	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	08/07/13	1
Naphthalene	56.	0.020	0.25	ug/l		8270C-S	08/07/13	1
Phenanthrene	0.42	0.0082	0.050	ug/l		8270C-S	08/07/13	1
Pyrene	0.059	0.012	0.050	ug/l		8270C-S	08/07/13	1
1-Methylnaphthalene	19.	0.0082	0.25	ug/l		8270C-S	08/07/13	1
2-Methylnaphthalene	17.	0.0090	0.25	ug/l		8270C-S	08/07/13	1
2-Chloronaphthalene	U	0.0065	0.25	ug/l		8270C-S	08/07/13	1
Surrogate Recovery								
Nitrobenzene-d5	114.			% Rec.		8270C-S	08/07/13	1
2-Fluorobiphenyl	113.			% Rec.		8270C-S	08/07/13	1
p-Terphenyl-d14	116.			% Rec.		8270C-S	08/07/13	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.

.
Reported: 08/13/13 17:05 Printed: 08/13/13 17:06

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REPORT OF ANALYSIS

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

August 13, 2013

ESC Sample # : L649871-02

Date Received : August 02, 2013
Description : ABF Freight, 3rd Q, 2013 GWM Event

Site ID : OAKLAND, CA

Sample ID : MW-2

Project # : 154.003.

Collected By : Jon Gamble
Collection Date : 08/01/13 13:27

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	31.	100	ug/l		8015D/G	08/05/13	1
Surrogate Recovery-%								
a,a,a-Trifluorotoluene(FID)	99.3			% Rec.		8015D/G	08/05/13	1
Benzene	U	0.33	1.0	ug/l		8260B	08/03/13	1
Toluene	U	0.78	5.0	ug/l		8260B	08/03/13	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	08/03/13	1
Total Xylenes	U	1.1	3.0	ug/l		8260B	08/03/13	1
Methyl tert-butyl ether	U	0.37	1.0	ug/l		8260B	08/03/13	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	08/03/13	1
Dibromofluoromethane	94.4			% Rec.		8260B	08/03/13	1
4-Bromofluorobenzene	104.			% Rec.		8260B	08/03/13	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	440	25.	100	ug/l		8015	08/09/13	1
Surrogate Recovery								
o-Terphenyl	96.8			% Rec.		8015	08/09/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0076	0.050	ug/l		8270C-S	08/07/13	1
Acenaphthene	0.021	0.0082	0.050	ug/l	J	8270C-S	08/07/13	1
Acenaphthylene	U	0.0068	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)anthracene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)pyrene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(b)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Benzo(g,h,i)perylene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Benzo(k)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Chrysene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Dibenz(a,h)anthracene	U	0.0040	0.050	ug/l		8270C-S	08/07/13	1
Fluoranthene	U	0.016	0.050	ug/l		8270C-S	08/07/13	1
Fluorene	U	0.0085	0.050	ug/l		8270C-S	08/07/13	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	08/07/13	1
Naphthalene	U	0.020	0.25	ug/l		8270C-S	08/07/13	1
Phenanthrene	0.0091	0.0082	0.050	ug/l	J	8270C-S	08/07/13	1
Pyrene	0.014	0.012	0.050	ug/l	J	8270C-S	08/07/13	1
1-Methylnaphthalene	0.010	0.0082	0.25	ug/l	J	8270C-S	08/07/13	1
2-Methylnaphthalene	0.010	0.0090	0.25	ug/l	J	8270C-S	08/07/13	1
2-Chloronaphthalene	U	0.0065	0.25	ug/l		8270C-S	08/07/13	1
Surrogate Recovery								
Nitrobenzene-d5	116.			% Rec.		8270C-S	08/07/13	1
2-Fluorobiphenyl	116.			% Rec.		8270C-S	08/07/13	1
p-Terphenyl-d14	109.			% Rec.		8270C-S	08/07/13	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.

.
Reported: 08/13/13 17:05 Printed: 08/13/13 17:06

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REPORT OF ANALYSIS

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

August 13, 2013

ESC Sample # : L649871-03

Date Received : August 02, 2013
Description : ABF Freight, 3rd Q, 2013 GWM Event

Site ID : OAKLAND, CA

Sample ID : MW-3

Project # : 154.003.

Collected By : Jon Gamble
Collection Date : 08/01/13 11:05

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	31.	100	ug/l		8015D/G	08/05/13	1
Surrogate Recovery-%								
a,a,a-Trifluorotoluene(FID)	99.2			% Rec.		8015D/G	08/05/13	1
Benzene	U	0.33	1.0	ug/l		8260B	08/03/13	1
Toluene	U	0.78	5.0	ug/l		8260B	08/03/13	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	08/03/13	1
Total Xylenes	U	1.1	3.0	ug/l		8260B	08/03/13	1
Methyl tert-butyl ether	U	0.37	1.0	ug/l		8260B	08/03/13	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	08/03/13	1
Dibromofluoromethane	95.1			% Rec.		8260B	08/03/13	1
4-Bromofluorobenzene	105.			% Rec.		8260B	08/03/13	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	700	25.	100	ug/l		8015	08/09/13	1
Surrogate Recovery								
o-Terphenyl	78.4			% Rec.		8015	08/09/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.019	0.0076	0.050	ug/l	J	8270C-S	08/07/13	1
Acenaphthene	0.073	0.0082	0.050	ug/l		8270C-S	08/07/13	1
Acenaphthylene	0.015	0.0068	0.050	ug/l	J	8270C-S	08/07/13	1
Benzo(a)anthracene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)pyrene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(b)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Benzo(g,h,i)perylene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Benzo(k)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Chrysene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Dibenz(a,h)anthracene	U	0.0040	0.050	ug/l		8270C-S	08/07/13	1
Fluoranthene	U	0.016	0.050	ug/l		8270C-S	08/07/13	1
Fluorene	0.12	0.0085	0.050	ug/l		8270C-S	08/07/13	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	08/07/13	1
Naphthalene	0.91	0.020	0.25	ug/l		8270C-S	08/07/13	1
Phenanthrene	0.031	0.0082	0.050	ug/l	J	8270C-S	08/07/13	1
Pyrene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
1-Methylnaphthalene	0.65	0.0082	0.25	ug/l		8270C-S	08/07/13	1
2-Methylnaphthalene	0.28	0.0090	0.25	ug/l		8270C-S	08/07/13	1
2-Chloronaphthalene	U	0.0065	0.25	ug/l		8270C-S	08/07/13	1
Surrogate Recovery								
Nitrobenzene-d5	104.			% Rec.		8270C-S	08/07/13	1
2-Fluorobiphenyl	97.4			% Rec.		8270C-S	08/07/13	1
p-Terphenyl-d14	79.4			% Rec.		8270C-S	08/07/13	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.

.
Reported: 08/13/13 17:05 Printed: 08/13/13 17:06

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 13, 2013

ESC Sample # : L649871-04

Date Received : August 02, 2013
Description : ABF Freight, 3rd Q, 2013 GWM Event

Site ID : OAKLAND, CA

Sample ID : MW-4

Project # : 154.003.

Collected By : Jon Gamble
Collection Date : 08/01/13 12:23

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	31.	100	ug/l		8015D/G	08/05/13	1
Surrogate Recovery-%								
a,a,a-Trifluorotoluene(FID)	98.9			% Rec.		8015D/G	08/05/13	1
Benzene	1.9	0.33	1.0	ug/l		8260B	08/03/13	1
Toluene	U	0.78	5.0	ug/l		8260B	08/03/13	1
Ethylbenzene	U	0.38	1.0	ug/l		8260B	08/03/13	1
Total Xylenes	U	1.1	3.0	ug/l		8260B	08/03/13	1
Methyl tert-butyl ether	1.2	0.37	1.0	ug/l		8260B	08/03/13	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	08/03/13	1
Dibromofluoromethane	96.4			% Rec.		8260B	08/03/13	1
4-Bromofluorobenzene	104.			% Rec.		8260B	08/03/13	1
Diesel Range Organics California								
C10-C22 Hydrocarbons	1500	25.	100	ug/l		8015	08/09/13	1
Surrogate Recovery								
o-Terphenyl	49.1			% Rec.	J2	8015	08/09/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.10	0.0076	0.050	ug/l		8270C-S	08/07/13	1
Acenaphthene	4.4	0.0082	0.050	ug/l		8270C-S	08/07/13	1
Acenaphthylene	0.24	0.0068	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)anthracene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(a)pyrene	U	0.012	0.050	ug/l		8270C-S	08/07/13	1
Benzo(b)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Benzo(g,h,i)perylene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Benzo(k)fluoranthene	U	0.014	0.050	ug/l		8270C-S	08/07/13	1
Chrysene	U	0.011	0.050	ug/l		8270C-S	08/07/13	1
Dibenz(a,h)anthracene	U	0.0040	0.050	ug/l		8270C-S	08/07/13	1
Fluoranthene	0.050	0.016	0.050	ug/l		8270C-S	08/07/13	1
Fluorene	3.0	0.0085	0.050	ug/l		8270C-S	08/07/13	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	08/07/13	1
Naphthalene	5.8	0.020	0.25	ug/l		8270C-S	08/07/13	1
Phenanthrene	1.7	0.0082	0.050	ug/l		8270C-S	08/07/13	1
Pyrene	0.042	0.012	0.050	ug/l	J	8270C-S	08/07/13	1
1-Methylnaphthalene	12.	0.0082	0.25	ug/l		8270C-S	08/07/13	1
2-Methylnaphthalene	3.3	0.0090	0.25	ug/l		8270C-S	08/07/13	1
2-Chloronaphthalene	U	0.0065	0.25	ug/l		8270C-S	08/07/13	1
Surrogate Recovery								
Nitrobenzene-d5	109.			% Rec.		8270C-S	08/07/13	1
2-Fluorobiphenyl	117.			% Rec.		8270C-S	08/07/13	1
p-Terphenyl-d14	112.			% Rec.		8270C-S	08/07/13	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.

.
Reported: 08/13/13 17:05 Printed: 08/13/13 17:06

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L649871-01	WG675204	SAMP	Toluene	R2768002	J
	WG675204	SAMP	Ethylbenzene	R2768002	J
	WG675204	SAMP	Total Xylenes	R2768002	J
L649871-02	WG675357	SAMP	Acenaphthene	R2771480	J
	WG675357	SAMP	Phenanthrene	R2771480	J
	WG675357	SAMP	Pyrene	R2771480	J
	WG675357	SAMP	1-Methylnaphthalene	R2771480	J
	WG675357	SAMP	2-Methylnaphthalene	R2771480	J
L649871-03	WG675357	SAMP	Anthracene	R2771480	J
	WG675357	SAMP	Acenaphthylene	R2771480	J
	WG675357	SAMP	Phenanthrene	R2771480	J
L649871-04	WG675425	SAMP	o-Terphenyl	R2777226	J2
	WG675357	SAMP	Pyrene	R2771480	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

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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography 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
08/13/13 at 17:06:04

TSR Signing Reports: 358
R5 - Desired TAT

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

Sample: L649871-01 Account: TRINITYSCCA Received: 08/02/13 09:00 Due Date: 08/09/13 00:00 RPT Date: 08/13/13 17:05
DROCA needs SGT.
Sample: L649871-02 Account: TRINITYSCCA Received: 08/02/13 09:00 Due Date: 08/09/13 00:00 RPT Date: 08/13/13 17:05
DROCA needs SGT.
Sample: L649871-03 Account: TRINITYSCCA Received: 08/02/13 09:00 Due Date: 08/09/13 00:00 RPT Date: 08/13/13 17:05
DROCA needs SGT.
Sample: L649871-04 Account: TRINITYSCCA Received: 08/02/13 09:00 Due Date: 08/09/13 00:00 RPT Date: 08/13/13 17:05
DROCA needs SGT.

Trinity Source Group - Santa Cruz, CA

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

Billing Information:
~~500 Chestnut Street, Ste. 225~~
Santa Cruz, CA 95060

Report to: **Dave Reinsma**

Email To: **labstrinity@gmail.com**

Project Description: **ABF Freight, 3rd Q, 2013 GWM Event**

City/State Collected:

Phone: **831-426-5600**
Fax:

Client Project # **154.003.**

Lab Project # **TRINITYSCCA-ABF**

Collected by (print): JON GAMBLE

Site/Facility ID # **OAKLAND, CA**

P.O. # 154

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y (X)

Rush? (Lab MUST be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: STAT

Email? ___No X__Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DROCALVI with SGT 40mlAmb-HCl-BT	GRO 40mlAmb HCl	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEXM 40mlAmb-HCl	Silica Gel Clean-up					Rem./Contaminant	Sample # (lab only)
MW-1	GRAB	GW	—	8/1/13	1350	10	X	X	X	X	X						-01
MW-2		GW	—		1327	10	X	X	X	X	X						02
MW-3		GW	—		1105	10	X	X	X	X	X						03
MW-4		GW	—		1223	10	X	X	X	X	X						04
		GW				10	X	X	X	X							

(JT)

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L649871

Tab E087

Acctnum: **TRINITYSCCA**
Template: **T86400**
Prelogin: **P437379**
TSR: **358 - Jarred Willis**
PB: 7/25/13 BP
Shipped Via: **FedEX Ground**

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

Remarks: **DROCALVI needs to include Silica Gel Clean-up.** 5704 6052 0311

pH _____ Temp _____
Flow _____ Other _____

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
[signature]	8/1/13	1800	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			[signature]

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 3.9 °C Bottles Received: 35+1TB

Date: 08-02-13 Time: 0900

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF: YES

02 (JT)

ESC
L·A·B S·C·I·E·N·C·E·S

NON-CONFORMANCE FORM

Login No. : L649871

Date: 08-02-13

Evaluated by: J. Fuller

Client: TRINITYSCCA

Non-Conformance (check applicable items)

- ☐ Parameter(s) past holding time
- ☐ Improper temperature
- ☐ Improper container type
- ☐ Improper preservation
- ☐ Container lid not intact
- ☑ Login Clarification Needed
- ☐ Chain of custody is incomplete
- ☐ Chain of Custody is missing (see below)
- ☐ Broken container(s) (See below)
- ☐ Broken container: sufficient sample volume remains for analysis requested (See below)

If no COC: Received by_____
Date:_____ Time:_____
Temp:_____ Cont. Rec_____ pH:_____
☐ Fedex ☐ UPS ☐SWA ☐ Other_____
Tracking #_____

- ☐ Insufficient packing material around container
- ☐ Insufficient packing material inside cooler
- ☐ Improper handling by carrier (FedEx / UPS / Courier
- ☐ Sample was frozen

Comments: Received 1 broken vial for MW-4

Login Instructions:

TSR Initials: _____

Client informed by call / email / fax / voice mail date: _____ time: _____

Client contact: _____

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF**
Report Title:	**THIRD QUARTER 2013 GROUNDWATER MONITORING REPORT**
Report Type:	**Monitoring Report - Quarterly**
Facility Global ID:	**T0600100018**
Facility Name:	**ABF FREIGHT SYSTEMS**
File Name:	**TRINITYSCCA-L649871_EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**70.197.5.255**
Submittal Date/Time:	**8/28/2013 7:15:30 PM**
Confirmation Number:	**1135053515**

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**GEO_WELL**
Report Title:	**THIRD QUARTER 2013 GROUNDWATER MONITORING REPORT**
Facility Global ID:	**T0600100018**
Facility Name:	**ABF FREIGHT SYSTEMS**
File Name:	**GEO_WELL.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**70.197.4.92**
Submittal Date/Time:	**8/29/2013 1:34:33 PM**
Confirmation Number:	**6424874484**

ATTACHMENT D

PURGE WATER
DISPOSAL DOCUMENTATION

NO. 704775

NON-HAZARDOUS WASTE DATA FORM

BESI # 219569

GENERATOR

Generator's Name and Mailing Address

ABF FREIGHT
4575 TIDEWATER AVENUE
OAKLAND, CA 94601

Generator's Site Address (if different than mailing address)

ABF FREIGHT
4575 TIDEWATER AVENUE
OAKLAND, CA 94601

Generator's Phone:

Container type removed from site:

☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other _____

Quantity 1

Container type transported to receiving facility:

☐ Drums XX ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other _____

Quantity 1 Volume 55 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%

COMPONENTS OF WASTE	PPM	%
3.		
4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PERSONAL PROTECTION CLOTHING.

Generator Printed/Typed Name	Signature	Month	Day	Year
Larry Moothart of BESI on behalf of generator		5	22	13

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE — Phone#: 949-460-6200

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Larry Moothart		5	22	13

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC. — Phone#: 714-990-6855

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
Ra Rodriguez		05	30	13

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

Printed/Typed Name	Signature	Month	Day	Year
Alfredo Raquel	Alfredo Raquel	06	03	13

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

NO. 708457 2

NON-HAZARDOUS WASTE DATA FORM

BESI # 224544

GENERATOR

Generator's Name and Mailing Address
ABF FREIGHT
4575 TIDEWATER AVENUE
OAKLAND, CA 94601

Generator's Site Address (if different than mailing address)
ABF FREIGHT
4575 TIDEWATER AVENUE
OAKLAND, CA 94601

Generator's Phone:

Container type removed from site:
☑ Drums ☑ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1

Container type transported to receiving facility:
☐ Drums XX ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 55 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER
GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%

COMPONENTS OF WASTE	PPM	%
3.		
4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID XX ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PERSONAL PROTECTION CLOTHING.

Generator Printed/Typed Name: Larry Moothart of BESI on behalf of generator
Signature:
Month Day Year: 8 27 13

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-6200
Transporter 1 Printed/Typed Name: Larry Moothart
Signature:
Month Day Year: 8 27 13
Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC.
Phone#: 714-980-6855
Transporter 2 Printed/Typed Name: Luis Jeana
Signature:
Month Day Year: 9 4 13
Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-637-7100

Printed/Typed Name: Marcus Woodley
Signature:
Month Day Year: 09 09 13
Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

4575TIDE
920077