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5:11 pm, Jun 13, 2012

Alameda County
Environmental Health

June 11, 2012

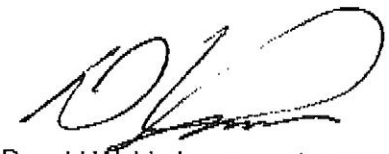
Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Perjury Statement-**
Well Destruction and 2012 Sub-Slab Vapor Depressurization System Operations & Maintenance Report
Searway Property (SLIC Case No. RO0002584)
649 Pacific Avenue
Alameda, California

Dear Mr. Wickham:

"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."

Timber Dell Properties, LLC



Donald W. Lindsey, member

TRINITY
source group, inc.
Environmental Consultants

June 12, 2012
Trinity Project: 103.001.001

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Parkway, Suite 250
Alameda, CA 94502-6577

Re: *Well Destruction and 2012 Sub-Slab Vapor Depressurization System Operations & Maintenance Report*
Timber Del Properties
Kelley Moore Paint Store
649 Pacific Ave
Alameda, California

Dear Mr. Wickham:

Trinity Source Group, Inc. (Trinity) has prepared this *Well Destruction and 2012 Sub-Slab Vapor Depressurization System Operations & Maintenance Report (Report)* on behalf of Timber Del Properties, for the referenced site (Figure 1). The well destruction and operations and maintenance (O&M) activities are described in the following sections.

WELL DESTRUCTION

Timber Del Properties obtained permission from the Alameda County Environmental Health Services (ACEHS) in a letter dated September 14, 2011, to destroy existing Wells MW-1 through MW-5. A copy of the ACEHS letter is included in Attachment A of this *Report.* A former monitoring well location map is presented on Figure 2.

The scope of work completed for completing the well destruction is described below. The well destruction work and oversight was performed by Trinity, a California-licensed drilling contractor (C-57 #913467).

Prefield Activities

Trinity obtained well destruction permits from the Alameda County Public Works Agency (ACPWA). Permits are included in Attachment B.

A site-specific Health and Safety Plan (HASP) was prepared, and reviewed with field personnel prior to beginning onsite work.

Trinity informed ACPWA staff of the field work schedule at least 24 hours before work was conducted.

Well Destruction

On October 6, 2011, Trinity destroyed Wells MW-1 through MW-5. The well destruction process included the following tasks. Portland cement was tremied into the wells up to the ground surface. Verbal approval was given from ACPWA inspector, Vicky Hamlin, that no pressure grouting was required. If the Portland cement settled, the wells were topped off with additional Portland cement. The remaining well vault and surface concrete/asphalt was removed at each well, and the well casing was exposed and cut two feet below grade. The resulting holes were backfilled and compacted with approved backfill material.

Well Completion Reports for the destroyed monitoring wells have been submitted to the ACPWA, and are included in Attachment C. Historic groundwater data is available in earlier reports.

Inspections

An inspector from the ACPWA was present for destruction of Wells MW-3 and MW-4, and returned at a later time and date to inspect surface completions.

Investigation-Derived Wastes

The concrete and metal removed from well destruction was properly disposed at Trinity's facility.

SUB-SLAB VAPOR DEPRESSURIZATION (SSVD) SYSTEM OPERATION AND MAINTENANCE SUMMARY

Dates of O&M Events:	August 25, 2011, November 21, 2011, and March 6, 2012
Sample Containers:	1-Liter Tedlar Bags
Sample Collection Point:	Effluent
System Conditions:	System running and passed smoke pen test for all O&M dates

The O&M field data sheets are included in Attachment D and the certified analytical report is included in Attachment E.

SUB-SLAB VAPOR DEPRESSURIZATION SYSTEM DESCRIPTION

Sub-slab extraction system influent and effluent analytical data are summarized in Table 1. Sub-slab extraction system influent throughput and mass removal of VOCs are summarized in Table 2. Sub-slab extraction system effluent throughput and discharge of VOCs are summarized in Table 3. The system layout is presented on Figure 3. The system includes two horizontal extraction wells located near former extraction points DPT-1 and DPT-2, with extraction well pipe runs trenched to nearby walls. The pipe runs continue up to the first floor ceiling, where they are manifolded together and connected to a suction fan located in the attic. The exhaust air is piped to the southwest corner of the roof and discharged through a 3-foot tall stack. Vacuum is applied to the extraction wells using an electric fan blower equipped with a flow meter.

The Sub-Slab System Process and Instrumentation Diagram is shown on Figure 4. Sub-slab air is withdrawn from the sub-slab material by means of an applied vacuum. The extracted air is routed

through piping and discharged to the atmosphere. The SSVD System was originally constructed with carbon treatment, but the carbon was removed in May 2009 due to very low VOC influent concentrations. Pipes are fitted with ball valves to regulate flow and sample ports were installed to allow for sample collection and flow measurements.

The Sub-Slab System Extraction Well Detail is shown on Figure 5. Each extraction well is a 3-foot long, 4-inch diameter, horizontal slotted PVC casing, which is connected to 4-inch diameter PVC blank pipe runs. The slotted pipe is set in the middle of the sub-base material. PVC screen extends across the sub-base material.

The Sub-Slab System Monitoring Point Detail is shown on Figure 6. The monitoring points (VS-1 through VS-22) were constructed in accordance with the design specifications presented in the EPA document, "*Assessment of Vapor Intrusion in Homes Near the Raymark Superfund Site using Basement and Sub-Slab Air Samples*" (EPA 600 R-05/147, March 2006). These monitoring points have proven to be effective in sample collection and measuring the pressure field established by an applied vacuum.

The Bay Area Air Quality Management District (BAAQMD) application number is 17506 and the plant number is 18970. The Permit to Operate is included in Attachment F. On March 19, 2012 Trinity requested a change in monitoring frequency from quarterly to annually, which was granted by BAAQMD. An approval letter of the monitoring frequency change is included in Attachment G.

SUB-SLAB VAPOR DEPRESSURIZATION SYSTEM RESULTS

- SSVD has discharged a total of approximately 0.88 pounds of VOCs from August 25, 2011 to March 6, 2012, during approximately 194 days of operation.
- VOC removal rate for the period of August 25, 2011 to March 6, 2012 ranged from 0.00290 to 0.00492 pounds per day.
- The system is performing as expected with removal of VOCs and depressurization of the sub-slab area.
- VOC concentrations have generally declined since start-up.
- All effluent VOC concentrations from August 25, 2011 to March 6, 2012 are less than Site-Specific Screening Levels[1] except carbon tetrachloride (Table 2).
- The low concentrations of VOCs discharged to the atmosphere are well within the permitted discharge allowed for specific compounds and for the total limit of 10 pounds per day. No violations of the BAAQMD permit have occurred.

RECOMMENDATIONS

Continue SSVD system operation and maintenance until VOC concentrations are consistently below acceptable closure levels. Additional remediation besides SSVD system operation is not recommended.

[1] Trinity Source Group, Inc., *Sub-Slab Attenuation Factor Determination Summary Report*, September 20, 2010.

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

Sincerely,

TRINITY SOURCE GROUP, INC.
A California Corporation

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

Eric Choi
Staff Scientist

DISTRIBUTION
A copy of this report has been forwarded to:

Mr. Don Lindsey
Timber Del Properties, LLC
2424 Central Avenue
Alameda, CA 94501

Ms. Miranda Vega
The Mechanics Bank
1999 Harrison St., Suite 810
Oakland, CA 94612

Attachments:

Table 1 – Summary of Sub-Slab Extraction System Influent and Effluent Analytical Data
Table 2 – Summary of Sub-Slab Extraction System Influent Throughput and Mass Removal Of VOCs
Table 3 – Summary of Sub-Slab Extraction System Effluent Throughput and Mass Remova Of VOCs
Figure 1 – Site Location Map
Figure 2 – Former Well Location Map
Figure 3 – System Layout
Figure 4 – Sub-Slab Vapor Depressurization Process and Instrumentation Diagram
Figure 5 – Sub-Slab System Extraction Well Detail
Figure 6 – Sub-Slab System Monitoring Point Detail

Attachment A – ACEHS Correspondence
Attachment B – Well Destruction Permit

Attachment C – Well Completion Reports
Attachment D – O&M Field Data Sheets
Attachment E – Certified Analytical Report, Chain-of-Custody and GeoTracker Upload Documentation
Attachment F – BAAQMD – Permit to Operate
Attachment G – BAAQMD Correspondence

TABLES

Table 1
Summary of Sub-Slab Extraction System Influent and Effluent Analytical Data

Searway Property
649 Pacific Avenue
Alameda, California

		EPA Method TO-3(MOD)	EPA Method TO-15								
Sample Date	Sample Location	Stoddard µg/m^3	Benzene µg/m^3	Chloroform µg/m^3	Carbon Tetrachloride µg/m^3	PCE µg/m^3	TCE µg/m^3	VC µg/m^3	2-Butanone µg/m^3	Acetone µg/m^3	Notes
9/10/2008	Influent	4,900[c]	<80	560	3,900	2,600	<130	<64	300	<480	
	Effluent	610[c, d]	<1.8	<3.9	29	17	<1.1	<0.5	<0.88	71	k
9/11/2008	Influent	2,400[c]	<32	480	3,200	2,500	<54	<26	260	<190	e
	Effluent	710[c]	<1.8	<3.9	<1.9	<2.6	<1.1	<0.5	14	180	e
10/10/2008	Influent	960[b]	65	110	880	880	<5.4	<2.6	27	51	l
	Effluent	740[b]	<3.2	54	200	13	<5.4	<2.6	<3.0	25	m
11/6/2008	Influent	1,700[a]	<1.6	58	690	520	<2.7	<1.3	23	62	f
	Effluent	2,800[a]	1.9	53	770	14	<2.7	<1.3	6.5	37	g
12/4/2008	Influent	2,400[h]	20	110	780	1,100	<6.7	<3.2	110	<24	i
	Effluent	2,100[h]	18	120	1,100	40	<5.4	<2.6	82	<19	j
1/2/2009	Influent	<3,500	<16	26	560	800	<27	<13	<15	<95	n
	Effluent	<3,500	<8.0	73	920	220	<13	<6.4	<7.4	<48	o
2/9/2009	Influent	2,300[p]	<3.2	64	480	680	<5.4	<2.6	9.6	29	t
	Effluent	1,800[p]	<3.2	<4.9	10	<6.8	<5.4	<2.6	<3.0	20	s
5/20/2009	Influent	Carbon Vessels Removed; Influent no longer sampled.									
	Effluent	1,800[q]	<4.5	<9.8	<4.7	<6.4	<2.6	<1.2	<2.2	<2.9	r
8/7/2009	Effluent	4,500[u]	<1.6	<2.4	<3.2	<3.4	<2.7	<1.3	2.0	24	v
11/6/2009	Effluent	2,400[u]	5.4	85	670[x]	1,100[x]	<2.7	<1.3	<1.5	84	w
2/2/2010	Effluent	2,000[y]	5.6	40	280	430	<2.7	<1.3	<1.5	31	z
5/5/2010	Effluent	<400	2.24	77.4	562	857	<5.4	<2.6	<1.5	34.9	aa

Table 1
Summary of Sub-Slab Extraction System Influent and Effluent Analytical Data

Searway Property
649 Pacific Avenue
Alameda, California

		EPA Method TO-3(MOD)	EPA Method TO-15								
Sample Date	Sample Location	Stoddard µg/m^3	Benzene µg/m^3	Chloroform µg/m^3	Carbon Tetrachloride µg/m^3	PCE µg/m^3	TCE µg/m^3	VC µg/m^3	2-Butanone µg/m^3	Acetone µg/m^3	Notes
8/5/2010	Effluent	<400	6.78	75.8	<6.3	686	<11	<5.2	<3.0	48	ab, ac
11/30/2010	Effluent	<350	<3.2	<9.8	259	290	<11	<5.2	<3.0	<19	ad
2/22/2011	Effluent	<350	<3.2	26.8	235	261	<11	<5.2	<3.0	27.4	ae
6/1/2011	Effluent	<350	<3.2	25.5	254	354	<11	<5.2	<3.0	62.4	af
8/25/2011	Effluent	<350	<3.2	37.9	287	332	<11	<5.2	<3.0	<19	r, ag
11/21/2011	Effluent	<350	<3.2	26.4	355	635	<11	<5.2	<3.0	<19	
3/6/2012	Effluent	<700	<3.2	44.3	447	626	<11	<5.2	<3.0	<19	r, ah
Site-Specific Screening Levels for Sub-Slab Vapor (µg/m^3) - Residential Property Use*											
		24,272	204	1,117	46	995	2,913	75	N/A	1,601,942	
Site-Specific Screening Levels for Sub-Slab Vapor (µg/m^3) - Commercial Property Use*											
		33,981	340	1,869	75	1,675	4,854	126	N/A	2,233,010	

Notes:

Stoddard = Total petroleum hydrocarbons as gasoline.
PCE = Tetrachloroethylene or Perchloroethylene
TCE = Trichloroethylene
VC = Vinyl Chloride
VOCs = Volatile Organic Compounds
MTBE = Methyl tertiary butyl ether
TBA = Tert-Butanol
TAME = Tert amyl methyl ether
µg/m^3 = micrograms per cubic meter, also equivalent to parts per billion (ppb)
< = Less than laboratory analytical method reporting limit.
NS = No sample collected
a = Result reported as Stoddard Solvent, but sample chromatogram does not resemble Stoddard Solvent standard pattern.
b = Sample chromatogram does not resemble Stoddard Solvent standard pattern (possibly aged). Reported value due to presence of non-gasoline compounds within range of C5-C12 quanitifed as Gasoline.
c = Not a typical Stoddard (discrete light end peaks within Stoddard range)

Table 1

Summary of Sub-Slab Extraction System Influent and Effluent Analytical Data

Searway Property
649 Pacific Avenue
Alameda, California

		EPA Method TO-3(MOD)	EPA Method TO-15								
Sample Date	Sample Location	Stoddard µg/m^3	Benzene µg/m^3	Chloroform µg/m^3	Carbon Tetrachloride µg/m^3	PCE µg/m^3	TCE µg/m^3	VC µg/m^3	2-Butanone µg/m^3	Acetone µg/m^3	Notes

Notes continued:

d = Reporting limit increased due to low initial pressure in canister. Results reported to the MDL. Reported values between the MDL and RL should be considered as estimated.

e = Reporting limit increased due to low initial pressure in canister. Results reported to the MDL.

f = Other VOCs detected are: Carbon Disulfide 7.7 µg/m^3, 1,2,4-trimethylbenzene 2.9 µg/m^3, m,p-xylene 4.7 µg/m^3, methylene chloride 4.5 µg/m^3, and toluene 30 µg/m^3.

g = Other VOCs detected are: Carbon Disulfide 7.5 µg/m^3, m,p-xylene 3.6 µg/m^3, and toluene 27 µg/m^3.

h = Sample chromatogram does not resemble Stoddard solvent standard pattern. Reported value due to presence of non-stoddard solvent compounds within range of C7-C12.

i = Other VOCs detected are: 1,2,4-trimethylbenzene 66 µg/m^3, 1,3,5-trimethylbenzene 14 µg/m^3, 4-ethyl toluene 48 µg/m^3, ethyl benzene 49 µg/m^3, m,p-xylene 270 µg/m^3, o-xylene 54 µg/m^3 and toluene 490 µg/m^3

j = Other VOCs detected are: 1,2,4-trimethylbenzene 38 µg/m^3, 1,3,5-trimethylbenzene 7.6 µg/m^3, 4-ethyl toluene 35 µg/m^3, ethyl benzene 45 µg/m^3, m,p-xylene 240 µg/m^3, o-xylene 44 µg/m^3, and toluene 380 µg/m^3

k = Other VOC detected is: m,p-xylene 4.1 µg/m^3

l = Other VOCs detected are:1,2,4-trimethylbenzene 8.2 µg/m^3, 4-ethyl toluene 8.8 µg/m^3, m,p-xylene 53 µg/m^3, MTBE 220 µg/m^3, o-xylene 22 µg/m^3, TBA 55 µg/m^3, TAME 21 µg/m^3, and toluene 82µg/m^3

m = Other VOCs detected are: MTBE 180 µg/m^3, TAME 8.4 µg/m^3, and toluene 7.3 µg/m^3

n = Toluene detected at a concentration of 37 µg/m^3

o = Toluene detected at a concentration of 29 µg/m^3

p = Hydrocarbons responded within range of C5-C12 quantified as Stoddard Solvent but sample chromatogram does not match requested fuel standard pattern. TPH value due to presence of heavy end unidentified hydrocarbon peaks.

q = Result reported as a Stoddard solvent but sample chromatogram does not match requested fuel pattern. Reported value due to individual non-target peaks (heavy end) within ranage of C5-C12.

r = The reporting limts were raised due to limited sample received (tedlar bag). Results reported to the MDL.

s = Toluene was detected at a concentration of 4.5 µg/m^3

t = Toluene was detected at a concentration of 5.7 µg/m^3

u = Result reported as a Stoddard solvent but sample chromatogram does not match requested fuel standard pattern. Result due to individual peaks of unidentified compounds within C5-C12 range quantified as Stoddard Solvent.

v = Other VOCs detected are: 1,2,4-Trimethylbenzene 5.9 µg/m^3, isopropanol 21 µg/m^3 and toluene 2.3 µg/m^3

w = Other VOCs detected are: 1,2,4-Trimethylbenzene 140 µg/m^3, 1,3,5-Trimethylbenzene 38 µg/m^3, 4-Ethyl Toluene 130 µg/m^3, ethylbenzene 83 µg/m^3, total xylenes 322 µg/m^3, methylene chloride 8.1 µg/m^3 t-butyl alcohol 29 µg/m^3, toluene 35 µg/m^3.

x = Outside of calibration range but within working range of the instrument. Due to hold time restrictions, no diluted analysis was performed.

y = TPH as Stoddard Solvent result due to unidentified compounds within range quantified as Stoddard Solvent.

z = Other VOCs detected are: 1,2,4-Trimethylbenzene 120 µg/m^3, 1,3,5-Trimethylbenzene 40 µg/m^3, 4-Ethyl Toluene 120 µg/m^3, Carbon disulfide 4.1 µg/m^3, Isopropanol 21 µg/m^3, total-xylene 171 µg/m^3, Tert-butyl Alcohol 13µg/m^3, and Toluene 15µg/m^3

Table 1
Summary of Sub-Slab Extraction System Influent and Effluent Analytical Data

Searway Property
649 Pacific Avenue
Alameda, California

		EPA Method TO-3(MOD)	EPA Method TO-15								
Sample Date	Sample Location	Stoddard µg/m^3	Benzene µg/m^3	Chloroform µg/m^3	Carbon Tetrachloride µg/m^3	PCE µg/m^3	TCE µg/m^3	VC µg/m^3	2-Butanone µg/m^3	Acetone µg/m^3	Notes

Notes continued:

aa = Other VOCs detected are: Tert-butanol 63.8 µg/m^3, Toluene 10.3 µg/m^3, total-Xylene 30.01 µg/m^3, 4-ethyl toluene 19.5 µg/m^3, 1,3,5-Trimethylbenzene 8.18 µg/m^3, and 1,2,4-Trimethylbenzene 17.2 µg/m^3.

ab = Other VOCs detected are: Carbon Disulfide 12.4 µg/m^3, tert-Butanol 109 µg/m^3, Toluene 21.7 µg/m^3, m,p-Xylene 24.3 µg/m^3, o-xylene 10.4 µg/m^3, 1,3,5-Trimethylbenzene 5.88 µg/m^3, 1,2,4-Trimethylbenzene 15.5 µg/m^3.

ac = The results for stoddard solvents are reported using their MDL, reporting limit was raised due to insufficient sample volume received (tedlar bag).

ad = Other VOCs detected are: Toluene 116 µg/m^3, m,p-Xylene 13.5 µg/m^3, and o-Xylene 6.02 µg/m^3.

ae = Toluene only other VOC detected at a concentration of 16.4 µg/m^3.

af = Other VOCs detected are: Carbon Disulfide 6.63 µg/m^3, and Toluene 96.9 µg/m^3.

* = Trinity Source Group, Inc, *Sub-Slab Attenuation Factor Determination Summary Report*, September 20, 2010. Note that calculation errors for benzene and vinyl chloride screening levels have been corrected

ag = Other VOCs detected are: Carbon Disulfide 29.1 µg/m^3, tert-Butanol 26.1 µg/m^3, and Toluene 4.41 µg/m^3

ah = Other VOCs detected are: Methylene Chloride 23.5 µg/m^3, and Toluene 75.2 µg/m^3

Table 2

Summary of Sub-Slab Extraction System Influent
Throughput and Mass Removal of VOCs

Searway Property
649 Pacific Avenue
Alameda, California

Date	Average flow rate CFM	Days Operated Since Previous Event	Cubic Meters Removed Since Previous Event	Cumulative Cubic Meters Removed	Influent Total VOCs $\mu g/m^3$	Pounds VOCs Removed Since Last Event	Pounds VOCs Removed per Day	Cumulative Total Pounds VOCs Removed	Comments
9/10/2008	45	0.04	76.53	76.53	12,260	0.00207	0.04964	0.00207	System sampled 1-hour
9/11/2008	45	1.00	1,836.73	1,913.27	8,840	0.03580	0.03580	0.03786	
10/10/2008	45	29.00	53,265.31	55,178.57	3,443	0.40430	0.01394	0.44217	
11/6/2008	45	27.00	49,591.84	104,770.41	3,103	0.33923	0.01256	0.78140	
12/4/2008	45	28.00	51,428.57	156,198.98	5,511	0.62483	0.02232	1.40623	
1/2/2009	45	29.00	53,265.31	209,464.29	1,423	0.16710	0.00576	1.57333	
2/9/2009	45	38.00	69,795.92	279,260.20	3,568	0.54906	0.01445	2.12238	
5/20/2009	45	100.00	183,673.47	462,933.67	1,800	0.72886	0.00729	2.85125	
----------*Treatment System Removed*----------									

Notes:

CFM = cubic feet per minute
$\mu g/m^3$ = micrograms per cubic meters
VOCs = volatile organic compounds
* = Treatment system removed on May 20, 2009.

Table 3
Summary of Sub-Slab Extraction System Effluent
Throughput and Mass Removal of VOCs

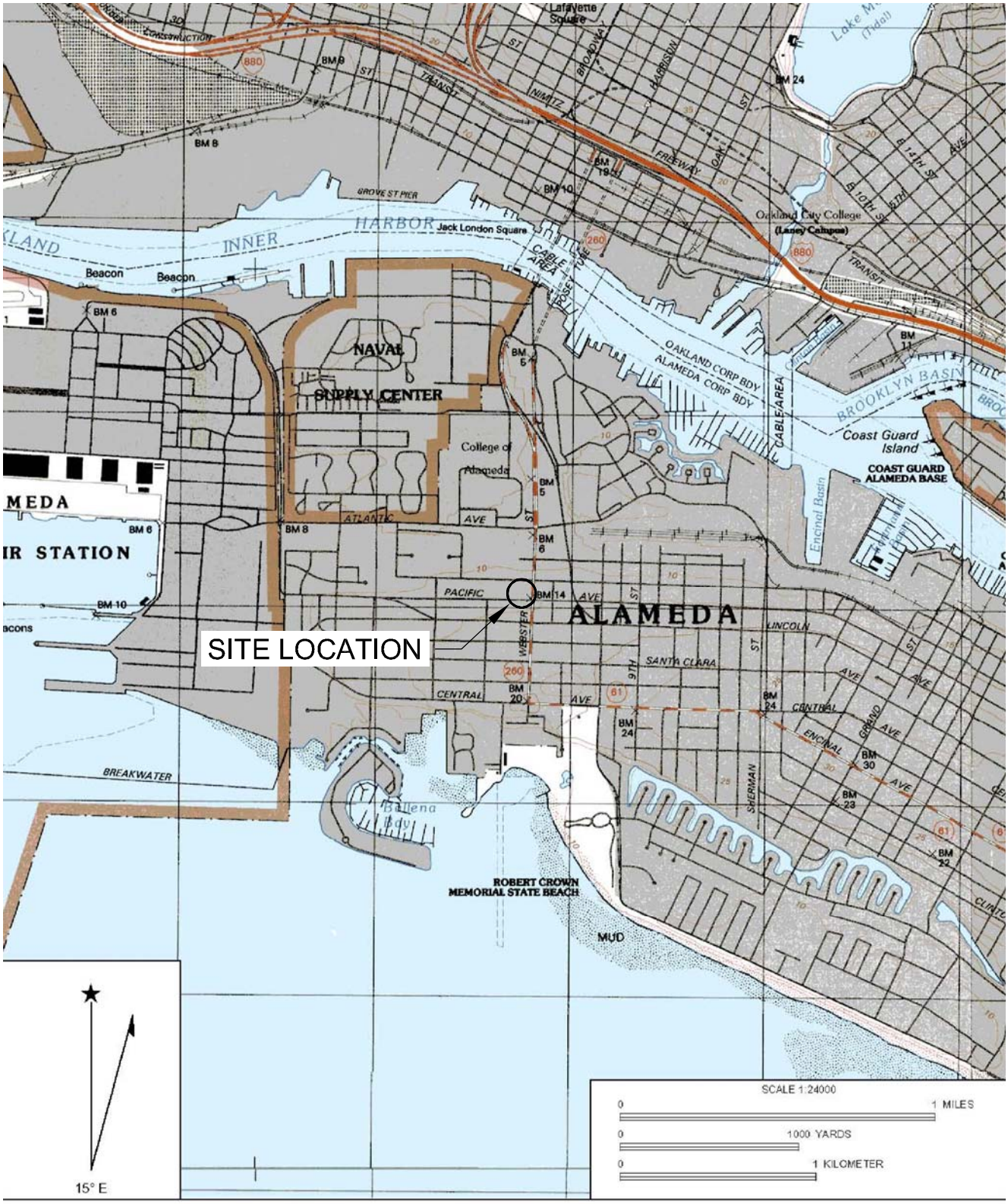
Searway Property
649 Pacific Avenue
Alameda, California

Date	Average Flow Rate CFM	Days Operated Since Previous Event	Cubic Meters Discharged Since Previous Event	Cumulative Cubic Meters Discharged	Effluent Total VOCs $\mu g/m^3$	Pounds VOCs Discharged Since Last Event	Pounds VOCs Discharged per Day	Cumulative Total Pounds VOCs Discharged	Comments
9/10/2008	45	0.04	76.53	76.53	731.1	0.00012	0.00296	0.00012	
9/11/2008	45	1.00	1,836.73	1,913.27	904	0.00366	0.00366	0.00378	
10/10/2008	45	29.00	53,265.31	55,178.57	1,227.7	0.14417	0.00497	0.14795	
11/6/2008	45	27.00	49,591.84	104,770.41	3,720.5	0.40676	0.01507	0.55471	
12/4/2008	45	28.00	51,428.57	156,198.98	4,249.6	0.48181	0.01721	1.03652	
1/2/2009	45	29.00	53,265.31	209,464.29	1,242.0	0.14585	0.00503	1.18237	
2/9/2009	45	38.00	69,795.92	279,260.20	1,834.5	0.28228	0.00743	1.46465	
5/20/2009	45	100.00	183,673.47	462,933.67	1,800.0	0.72886	0.00729	2.19351	
8/7/2009	45	79.00	145,102.04	608,035.71	4,555.2	1.45716	0.01845	3.65067	
11/6/2009	45	91.00	167,142.86	775,178.57	5,129.5	1.89012	0.02077	5.54079	
2/2/2010	45	88.00	161,632.65	936,811.22	3,290.7	1.17259	0.01332	6.71338	
5/5/2010	45	92.00	168,979.59	1,105,790.82	1,682.5	0.62679	0.00681	7.34017	
8/5/2010	45	92.00	168,979.59	1,274,770.41	1,015.8	0.37840	0.00411	7.71857	
11/30/2010	45	117.00	214,897.96	1,489,668.37	684.5	0.32430	0.00277	8.04287	
2/22/2011	45	84.00	154,285.71	1,643,954.08	566.6	0.19272	0.00229	8.23559	
6/1/2011	45	99.00	181,836.73	1,825,790.82	799.4	0.32047	0.00324	8.55606	
8/25/2011	45	85.00	156,122.45	1,981,913.27	716.5	0.24661	0.00290	8.80268	
11/21/2011	45	88.00	161,632.65	2,143,545.92	1,016.4	0.36218	0.00412	9.16485	
3/6/2012	45	106.00	194,693.88	2,338,239.80	1,216.0	0.52193	0.00492	9.68678	

Notes:

CFM = cubic feet per minute
$\mu g/m^3$ = micrograms per cubic meters
VOCs = volatile organic compounds

FIGURES



Name: OAKLAND WEST
Date: 5/4/2006

Location: 037° 46' 34.86" N 122° 16' 37.65" W NAD 27
Caption: San Francisco Bay, Oakland West Quadrangle - 1:24,000

REF. 103_002\SLM.DWG
BASEMAP FROM MAPTECH, INC.

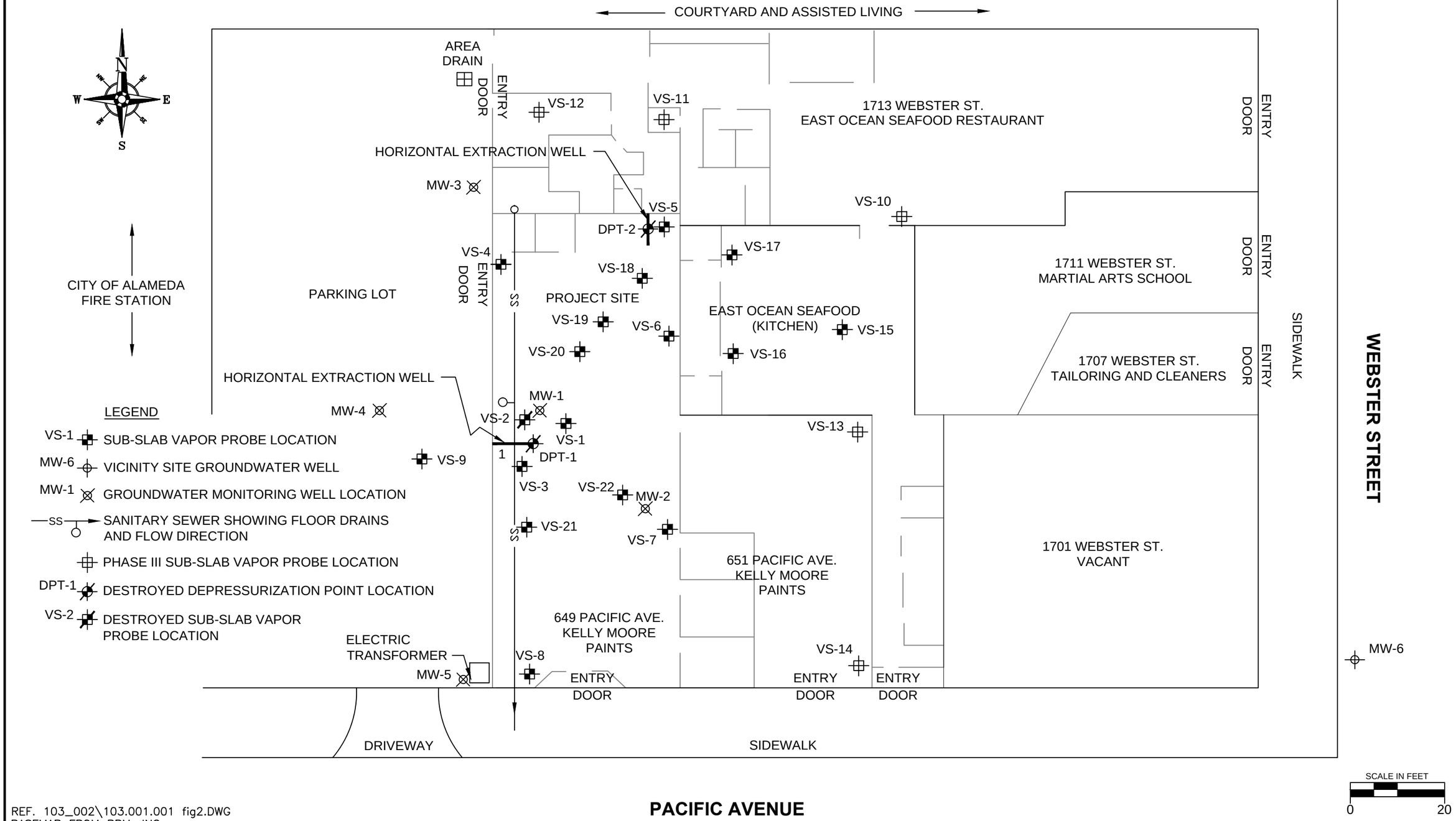
PREPARED BY
TRINITY source group, inc.
500 Chestnut Street, Suite 225
Santa Cruz, CA. 95060
Tel: (831) 426-5600 Fax: (831) 426-5602

SITE LOCATION MAP

Searway Property
649 Pacific Avenue
Alameda, California

PROJECT:
103.001.001

FIGURE:
1



WEBSTER STREET

PACIFIC AVENUE

REF. 103_002\103.001.001 fig2.DWG
BASEMAP FROM RRM, INC.

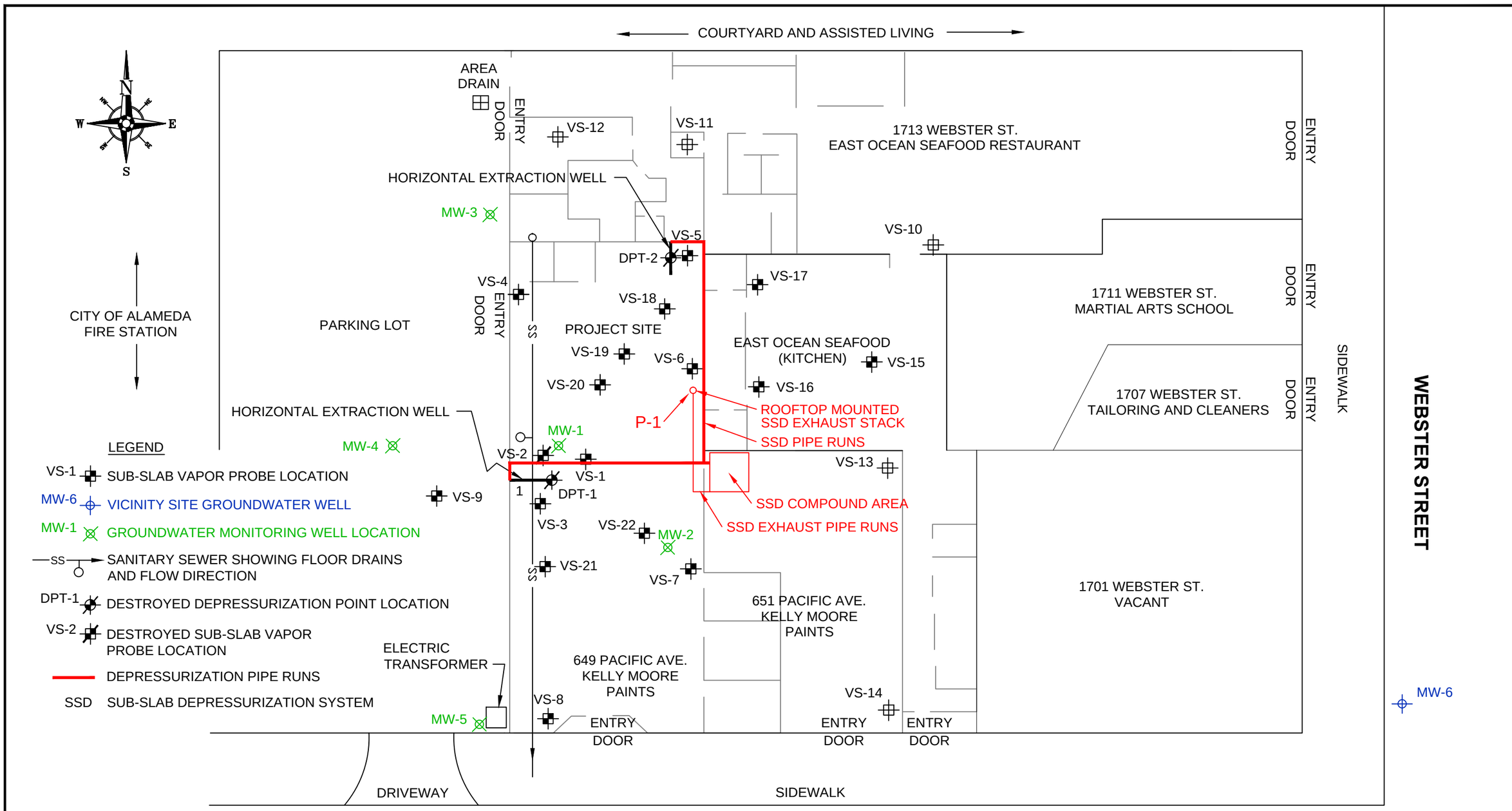
PREPARED BY
TRINITY source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

MONITORING WELL AND SUB-SLAB VAPOR PROBE LOCATION MAP

Searway Property
649 Pacific Avenue
Alameda, California

PROJECT:
103.001.001

FIGURE:
2



WEBSTER STREET

PACIFIC AVENUE

REF. 103_002\103.001.001 fig5.DWG
BASEMAP FROM RRM, INC.

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

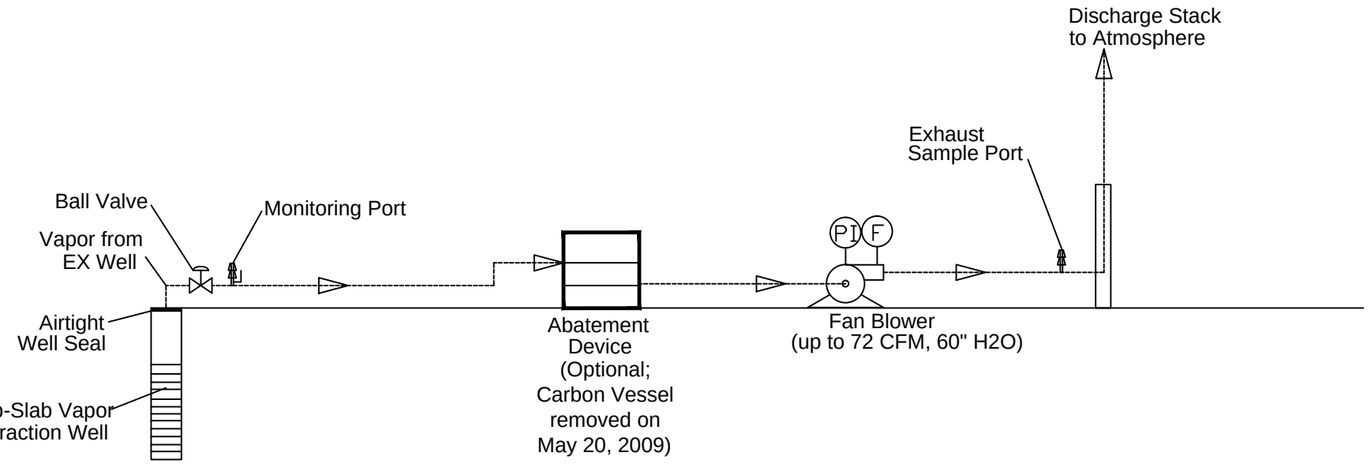
SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT

Searway Property
649 Pacific Avenue
Alameda, California

PROJECT: 103.001.001

FIGURE: 3

SUB-SLAB DEPRESSURIZATION SYSTEM
PROCESS AND INSTRUMENTATION DIAGRAM



LEGEND

Process Flow Direction

PI Pressure Indicator

F Flow Indicator

REF. 103_002\SS DEPRESS PID.DWG

PREPARED BY

TRINITY source group, inc.
Environmental Consultants

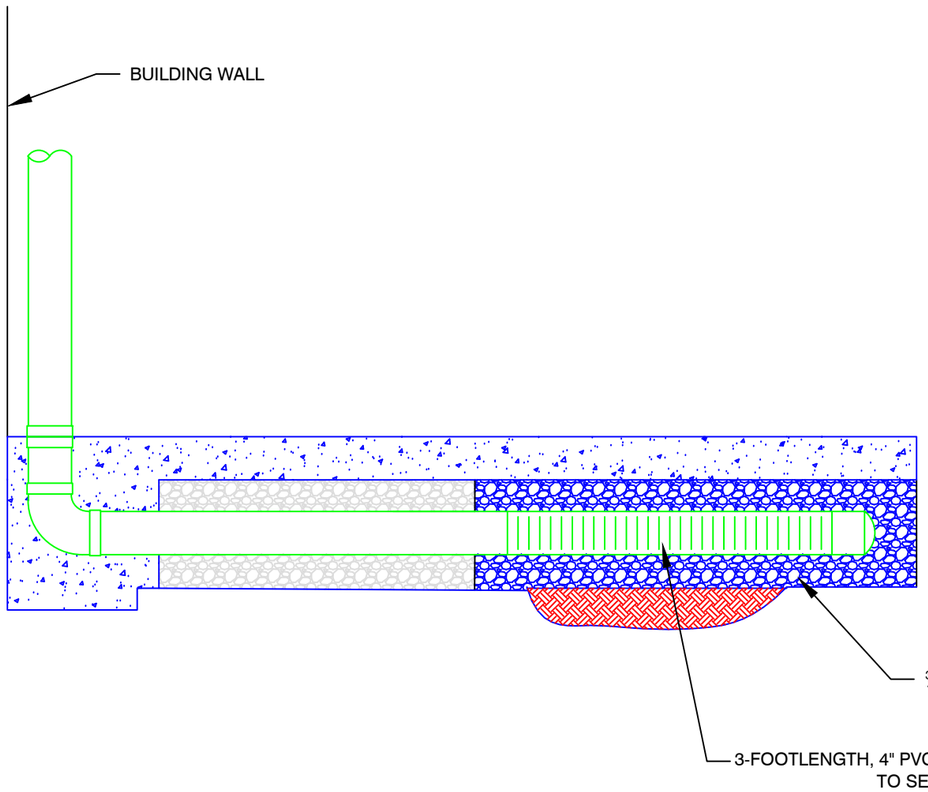
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

SUB-SLAB DEPRESSURIZATION SYSTEM - PROCESS AND INSTRUMENTATION DIAGRAM

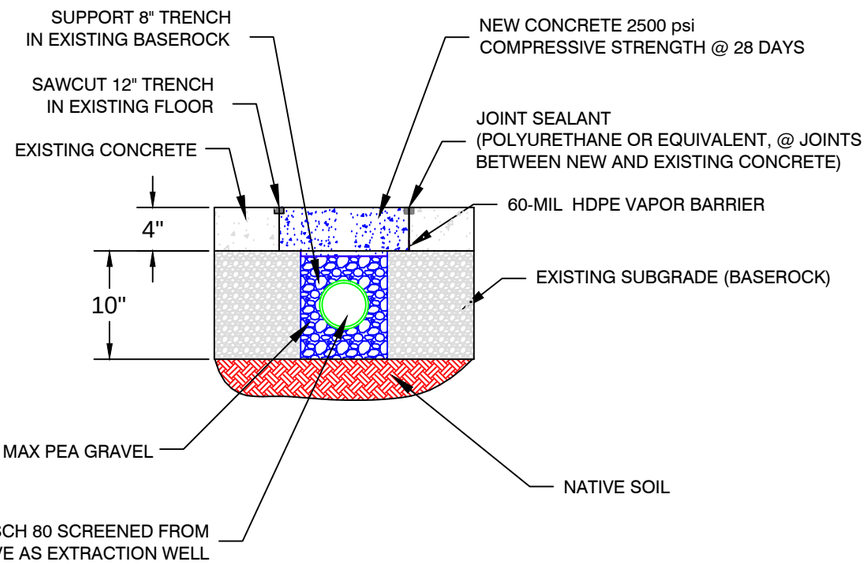
Searway Property
649 Pacific Avenue
Alameda, California

PROJECT:
103.001.001

FIGURE:
4



PIPE - WELL LATERAL DETAIL (TYPICAL)



TRENCH DETAIL (TYPICAL)

TYPICAL EXTRACTION WELL DETAIL
BELOW GROUND COMPLETION

REF. 103_002\EXWELL DTL.DWG

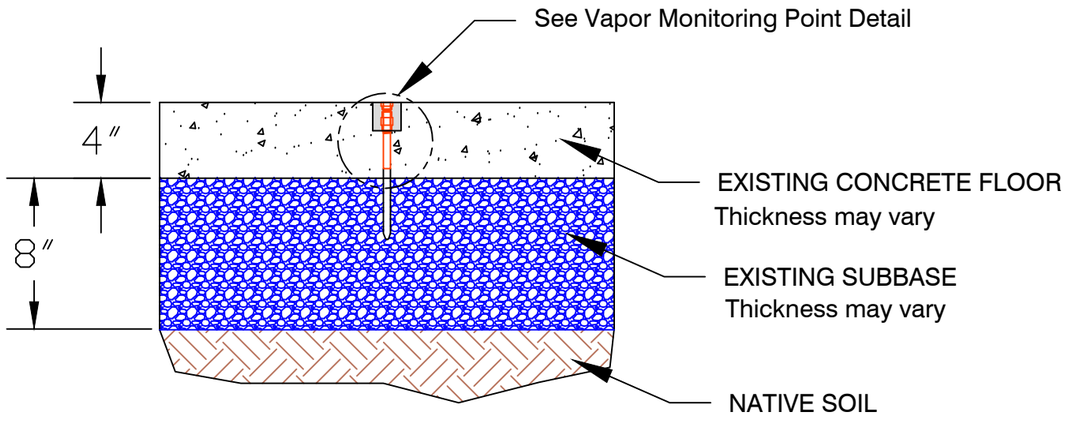
PREPARED BY
TRINITY source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

SUB-SLAB DEPRESSURIZATION SYSTEM - EXTRACTION WELL DETAIL

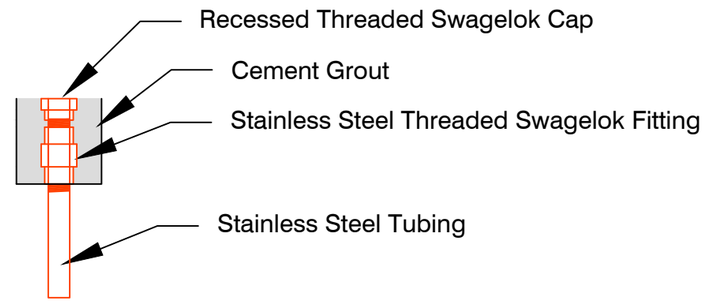
Searway Property
649 Pacific Avenue
Alameda, California

PROJECT: 103.001.001

FIGURE: 5



EXISTING FLOOR AND SUB-SLAB CONSTRUCTION (TYPICAL)



VAPOR MONITORING POINT DETAIL

Scale 1" = 2"

REF. 103_002\VPR MON PT.DWG

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

SUB-SLAB VAPOR MONITORING POINT DETAIL

Searway Property
649 Pacific Avenue
Alameda, California

PROJECT: 103.001.001

FIGURE: 6

ATTACHMENT A

ACEHS CORRESPONDENCE

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 14, 2011

Mr. Donald Lindsey
Timber Del Properties, LLC
2424 Central Avenue
Alameda, CA 94501
(*Sent via E-mail to: donlindsey@jps.net*)

FILE COPY

Mr. Carl Searway
3032 Dakota Street
Oakland, CA 94602

Subject: Well Decommissioning for SLIC Case No. RO0002584 and GeoTracker Global ID SL0600150413, Searway Property, 649 Pacific Avenue, Alameda, CA 94501

Dear Mr. Lindsey and Mr. Searway:

In correspondence dated August 25, 2011, Alameda County Environmental Health (ACEH) staff concurred with discontinuation of groundwater monitoring for the site based on long-term groundwater monitoring results. The recommendation to discontinue groundwater monitoring was presented in a report entitled, "*Annual 2010 Groundwater Monitoring and Sub-Slab Vapor Depressurization System Performance Report*," dated July 25, 2011 (Report). This Report, which was prepared on behalf of Mr. Lindsey by Trinity Source Group, Inc., also recommended continued operation of the sub-slab vapor depressurization system.

A request to decommission the monitoring wells was made in a telephone conversation by Mr. David Reinsma of Trinity Group on September 6, 2011. We have no objection to decommissioning of the monitoring wells given the discontinuation of groundwater monitoring. Decommissioning of the monitoring wells does not represent case closure or closure of a portion of the case. A Spills, Leaks, Investigations, and Cleanups (SLIC) case remains open with ACEH to provide regulatory oversight for the continued operation of the sub-slab depressurization system.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 30, 2012** – Annual Sub-slab Vapor Depressurization System Performance Report

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org. Online case files are available for review at the following website: http://www.acgov.org/aceh/index.htm. If your email address does not appear on the cover page of this notification ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Sincerely,

Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County Environmental Health, ou, email=jerry.wickham@acgov.org, c=US
Date: 2011.09.14 11:34:43 -07'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: David Reinsma, Trinity Source Group, 500 Chestnut Street, Suite 225, Santa Cruz, CA 95060 (*Sent via E-mail to: dar@tsgcorp.net*)

Debra Moser, Trinity Source Group, 500 Chestnut Street, Suite 225, Santa Cruz, CA 95060 (*Sent via E-mail to: djm@tsgcorp.net*)

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH *(Sent via E-mail to: jerry.wickham@acgov.org*)

GeoTracker, eFile

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**REVISION DATE:** July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**.
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted**.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

1) Obtain User Name and Password
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to deh.loptoxic@acgov.org
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
   b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

ATTACHMENT B

WELL DESTRUCTION PERMIT

Cora Olson

From: wells@acpwa.org

Sent: Friday, September 09, 2011 12:06 PM

To: Cora Olson

Subject: Alameda County PWA Permits Application Confirmation

Thank you for your Permit Application.
Your Application Confirmation Id is: 1315595172282
Submit Date is: Fri Sep 09 12:06:12 PDT 2011
Project Site City/Location: Alameda / 649 Pacific Avenue
Project Start Date: 10/03/2011 Completion Date: 10/07/2011

NOTE: This only confirms receipt of the application, this is NOT an approved Permit.
REMINDER: We must receive a site map from you or your permit will not be approved.
If you have already submitted your site map and required documents, please disregard the reminder.
You will be notified separately once the receipt of your map is logged.

If any required documents are missing, you will be contacted by the Water Resources Unit.

To view application status, go to the Tracking page.
***If above 'Tracking' link does not work for you, copy and paste this url directly to browser:*
https://www.acgov.org/pwapermitsecomm_app/TrackAppServlet?
email=co@tsgcorp.net&appid=1315595172282

If you have questions, contact us at wells@acpwa.org, please include your application confirmation number.

Thank you,
Public Works Agency - Water Resources

Your Application:

Project Information

City of Project Site: Alameda
Site Location: 649 Pacific Avenue
Start Date: 10/03/2011
Completion Date: 10/07/2011

Applicant Information

Business / Name: Trinity Source Group - Cora Olson
Phone Number: 831-426-5600 x
Address: 500 Chestnut Street
Suite 225
Santa Cruz, CA 95060

Work Applying for Permit

Work Type	Driller	# of Wells	Fees	Cost
Well Destruction-Monitoring	Trinity Source Group - Lic# 913467	5	$ 397.00 per well	$ 1,985.00
			Application Total:	$ 1,985.00

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 09/19/2011 By jamesy

Permit Numbers: W2011-0584 to W2011-0588
Permits Valid from 10/03/2011 to 10/07/2011

Application Id: 1315595172282 **City of Project Site:** Alameda
Site Location: 649 Pacific Avenue
Project Start Date: 10/03/2011 **Completion Date:** 10/07/2011
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Applicant: Trinity Source Group - Cora Olson **Phone:** 831-426-5600
500 Chestnut Street, Suite 225, Santa Cruz, CA 95060
Property Owner: Don Lindsey **Phone:** 510-520-3453
2424 Central Avenue, Alameda, CA 94501
Client: ** same as Property Owner **
Contact: Cora Olson **Phone:** 831-426-5602 x17
Cell: 831-325-1259

Total Due: $1985.00
Receipt Number: WR2011-0277 **Total Amount Paid:** $1985.00
Payer Name : Catherine C Byrne Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 5 Wells
Driller: Trinity Source Group - Lic #: 913467 - Method: press **Work Total: $1985.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2011-0584	09/19/2011	01/01/2012	MW-1	8.00 in.	2.00 in.	4.50 ft	20.00 ft	No Records	W04-1265	No Records
W2011-0585	09/19/2011	01/01/2012	MW-2	8.00 in.	2.00 in.	4.50 ft	20.00 ft	No Records	W04-1266	No Records
W2011-0586	09/19/2011	01/01/2012	MW-3	8.00 in.	2.00 in.	4.50 ft	20.00 ft	No Records	W04-1267	No Records
W2011-0587	09/19/2011	01/01/2012	MW-4	8.00 in.	2.00 in.	4.50 ft	20.00 ft	No Records	W04-1268	No Records
W2011-0588	09/19/2011	01/01/2012	MW-5	8.00 in.	2.00 in.	4.50 ft	20.00 ft	No Records	W04-1269	No Records

Specific Work Permit Conditions

1. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

2. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

3. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Cora Olson

From: Hamlin, Vicky [vickyh@acpwa.org]
Sent: Tuesday, September 27, 2011 5:20 PM
To: Cora Olson
Subject: W2011-0584 to W2011-0588, 649 Pacific Avenue, Alameda

Please contact me at the numbers below to schedule grout inspection. Thanks-

Victoria Hamlin
ESA
Alameda County Public Works Agency
Water Resources Section
399 Elmhurst Street
Hayward, CA 94544
Ph: 510-670-5443
Fax: 510-782-1939
vickyh@acpwa.org
www.acgov.org/pwa/wells

=

ATTACHMENT C

WELL COMPLETION REPORTS

TRINITY
source group, inc.
Environmental Consultants

FILE COPY

SENT
10/27/11

October 27, 2011
Trinity Project: 103.001.001

Alameda County Public Works Agency
Water Resources Well Permit
399 Elmhurst Street
Hayward, CA 94544-1395

Re: Well Completion Report Submittals
Timber Del Properties (Kelly Moore Paint Store)
649 Pacific Ave
Alameda, California

To Vicky Hamlin:

Trinity Source Group, Inc. (Trinity), on behalf of Timber Del Properties, is pleased to submit well completion reports for the destroyed wells, Well MW-1, through MW-5 at the Kelly Moore Paint Store, located at 649 Pacific Ave, in Alameda, California.

If you have any questions please call me at (831) 426-5600, thank you.

Sincerely,

Eric Choi

Eric Choi
Staff Scientst

Enclosures: Well Completion Report (5)

500 Chestnut Street, Suite 225
Santa Cruz, California 95060
www.trinitysourcegroup.com
v: 831.426.5600
f: 831.426.5602

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ATTACHMENT D

O&M FIELD DATA SHEETS

TRINITY
source group, inc.
Environmental Consultants

500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

Sub-Slab Depressurization System- ---------- O&M Data

Client: **Timber Del Properties, L.L.C.**
Address: **649 Pacific Ave. Alameda CA**

Project #: **103.001.001**
Date: 6/1/11 8/25/11
Personnel: EC

Arrival System Status: (On) / Off	If Off Explain Why?
Departure System Status: (On) / Off	If Off Explain Why?

Vapor Concentration Readings in Parts Per Million Vapor (PPMV) using Photo Ionization Detector (PID)

Tedlar Bag Collected?	Yes / No	Summa Vessel Collected?	Yes / (No)
~~Collected? Yes / No~~	Effluent (After Vacuum Unit)		PPMV
Collected? (Yes) / No	Influent (Before Vacuum Unit)	0.439	PPMV

Effluent Flow Rate (read from digital readout on vacuum control) ~~FPM~~ 45 cfm

Effluent Flow Rate and Temperature (measured with hand held Anemometer in discharge pipe slot)

63 FPM 72.4° Degrees F

Vacuum (measured at influent sample port) NO -inches of mercury (-in Hg)

Smoke Pen Leak Test (Pass) Fail

Notes:

- empty H_2O trap, ~ 1/2 gallon of H_2O collected
- Trap is working well, NO H_2O in system, system is on spd 1 : 45 CFM
- sample collected from effluent sample pt @ 8/25/11 @ 1230

Signature

TRINITY
source group, inc.
Environmental Consultants

500 Chestnut Street. Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

Sub-Slab Depressurization System- ---------- O&M Data

Client: **Timber Del Properties, L.L.C.**
Address: **649 Pacific Ave. Alameda CA**

Project #: **103.001.001**
Date: 11/21/11
Personnel: EC

Arrival System Status:	(On) / Off	If Off Explain Why?
Departure System Status:	(On) / Off	If Off Explain Why?

Vapor Concentration Readings in Parts Per Million Vapor (PPMV) using Photo Ionization Detector (PID)

Tedlar Bag Collected?	Yes / No	Summa Vessel Collected?	Yes / (No)
~~Collected? Yes / No~~	Effluent (After Vacuum Unit)		PPMV
Collected? (Yes) / No	Influent (Before Vacuum Unit)	0.000	PPMV

Effluent Flow Rate (read from digital readout on vacuum control) ~~FPM~~ 45 CFM

Effluent Flow Rate and Temperature (measured with hand held Anemometer in discharge pipe slot)

70 FPM Degrees F 57.2

Vacuum (measured at influent sample port) NO -inches of mercury (-in Hg)

Smoke Pen Leak Test (Pass) Fail

Notes:

- empty H_2O trap, ~ 1 gallon of H_2O collected
- Trap is working well, no H_2O in system, system is on spec; 45 CFM

- sample collected from effluent sample port on 11/21/11 @ 1045

Signature

TRINITY
source group, inc.
Environmental Consultants

500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

Sub-Slab Depressurization System- ---------- O&M Data

Client: **Timber Del Properties, L.L.C.** Project #: **103.001.001**

Address: **649 Pacific Ave. Alameda CA** Date: 3/6/12

Personnel: EC

Arrival System Status: On / Off	If Off Explain Why?
Departure System Status: On / Off	If Off Explain Why?

Vapor Concentration Readings in Parts Per Million Vapor (PPMV) using Photo Ionization Detector (PID)

Tedlar Bag Collected?	Yes / No	Summa Vessel Collected?	Yes / No
~~Collected? Yes / No~~		Effluent (After Vacuum Unit)	PPMV
Collected? Yes / No		Influent (Before Vacuum Unit)	PPMV

Effluent Flow Rate (read from digital readout on vacuum control) ~~FPM~~ 45CFM

Effluent Flow Rate and Temperature (measured with hand held Anemometer in discharge pipe slot)

203 FPM Degrees F 59.1°F

Vacuum (measured at influent sample port) NO -inches of mercury (-in Hg)

Smoke Pen Leak Test Pass Fail

Notes:

- empty H2O trap, ~2 gallons collected, trap is working well, no H2O in system, system is on spd 1 - 45 cfm
- sample collected from effluent sample port on 3/5/12 @ 1125

Signature

ATTACHMENT E

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

David Reinsma
Trinity Source Group
500 Chestnut St,Suite 225
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 649 Pacific Ave.

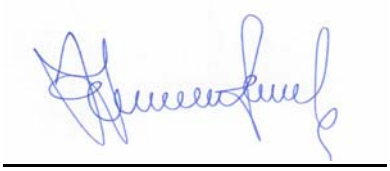
Work Order No.: 1203040

Dear David Reinsma:

Torrent Laboratory, Inc. received 1 sample(s) on March 06, 2012 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



G.Gueorguieva
Sr. Project Manager

March 13, 2012
Date

Date: 3/13/2012

Client: Trinity Source Group

Project: 649 Pacific Ave.

Work Order: 1203040

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/06/12
Date Reported: 03/13/12

Effluent 1203040-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Methylene Chloride	ETO15	2	1.2	7.0	23.5
Chloroform	ETO15	2	2.5	9.8	44.3
Carbon Tetrachloride	ETO15	2	1.7	6.3	447
Toluene	ETO15	2	1.9	3.8	75.2
Tetrachloroethylene	ETO15	2	1.8	6.8	626

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/06/12
Date Reported: 03/13/12

Client Sample ID:	Effluent	**Lab Sample ID:**	1203040-001A
Project Name/Location:	649 Pacific Ave.	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	03/06/12 / 11:25	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	649 Pacific Ave., Alameda, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Dichlorodifluoromethane	ETO15	NA	03/07/12	2	3.0	10	ND	ND		408726	NA
1,1-Difluoroethane	ETO15	NA	03/07/12	2	1.0	2.7	ND	ND		408726	NA
1,2-Dichlorotetrafluoroethane	ETO15	NA	03/07/12	2	9.9	28	ND	ND		408726	NA
Chloromethane	ETO15	NA	03/07/12	2	0.64	2.1	ND	ND		408726	NA
Vinyl Chloride	ETO15	NA	03/07/12	2	1.3	5.2	ND	ND		408726	NA
1,3-Butadiene	ETO15	NA	03/07/12	2	0.89	2.2	ND	ND		408726	NA
Bromomethane	ETO15	NA	03/07/12	2	1.4	3.9	ND	ND		408726	NA
Chloroethane	ETO15	NA	03/07/12	2	1.0	2.6	ND	ND		408726	NA
Trichlorofluoromethane	ETO15	NA	03/07/12	2	3.6	11	ND	ND		408726	NA
1,1-Dichloroethene	ETO15	NA	03/07/12	2	1.2	4.0	ND	ND		408726	NA
Freon 113	ETO15	NA	03/07/12	2	1.7	7.7	ND	ND		408726	NA
Carbon Disulfide	ETO15	NA	03/07/12	2	1.6	6.2	ND	ND		408726	NA
2-Propanol (Isopropyl Alcohol)	ETO15	NA	03/07/12	2	1.9	20	ND	ND		408726	NA
Methylene Chloride	ETO15	NA	03/07/12	2	1.2	7.0	23.5	6.71		408726	NA
Acetone	ETO15	NA	03/07/12	2	1.8	19	ND	ND		408726	NA
trans-1,2-Dichloroethene	ETO15	NA	03/07/12	2	1.3	4.0	ND	ND		408726	NA
Hexane	ETO15	NA	03/07/12	2	1.1	3.5	ND	ND		408726	NA
MTBE	ETO15	NA	03/07/12	2	1.7	3.6	ND	ND		408726	NA
tert-Butanol	ETO15	NA	03/07/12	2	1.8	17	ND	ND		408726	NA
Diisopropyl ether (DIPE)	ETO15	NA	03/07/12	2	1.8	4.2	ND	ND		408726	NA
1,1-Dichloroethane	ETO15	NA	03/07/12	2	1.5	4.1	ND	ND		408726	NA
ETBE	ETO15	NA	03/07/12	2	1.4	4.2	ND	ND		408726	NA
cis-1,2-Dichloroethene	ETO15	NA	03/07/12	2	1.1	4.0	ND	ND		408726	NA
Chloroform	ETO15	NA	03/07/12	2	2.5	9.8	44.3	9.04		408726	NA
Vinyl Acetate	ETO15	NA	03/07/12	2	1.1	3.5	ND	ND		408726	NA
Carbon Tetrachloride	ETO15	NA	03/07/12	2	1.7	6.3	447	70.95		408726	NA
1,1,1-trichloroethane	ETO15	NA	03/07/12	2	1.7	5.5	ND	ND		408726	NA
2-Butanone (MEK)	ETO15	NA	03/07/12	2	1.3	3.0	ND	ND		408726	NA
Ethyl Acetate	ETO15	NA	03/07/12	2	1.5	3.6	ND	ND		408726	NA
Tetrahydrofuran	ETO15	NA	03/07/12	2	0.60	3.0	ND	ND		408726	NA
Benzene	ETO15	NA	03/07/12	2	1.4	3.2	ND	ND		408726	NA
TAME	ETO15	NA	03/07/12	2	0.72	4.2	ND	ND		408726	NA
1,2-Dichloroethane (EDC)	ETO15	NA	03/07/12	2	2.0	4.1	ND	ND		408726	NA
Trichloroethylene	ETO15	NA	03/07/12	2	2.8	11	ND	ND		408726	NA
1,2-Dichloropropane	ETO15	NA	03/07/12	2	2.6	9.2	ND	ND		408726	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/06/12
Date Reported: 03/13/12

Client Sample ID:	Effluent	**Lab Sample ID:**	1203040-001A
Project Name/Location:	649 Pacific Ave.	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	03/06/12 / 11:25	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	649 Pacific Ave., Alameda, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
Bromodichloromethane	ETO15	NA	03/07/12	2	1.8	6.7	ND	ND		408726	NA
1,4-Dioxane	ETO15	NA	03/07/12	2	2.5	7.2	ND	ND		408726	NA
trans-1,3-Dichloropropene	ETO15	NA	03/07/12	2	1.7	4.5	ND	ND		408726	NA
Toluene	ETO15	NA	03/07/12	2	1.9	3.8	75.2	19.79		408726	NA
4-Methyl-2-Pentanone (MIBK)	ETO15	NA	03/07/12	2	1.7	4.1	ND	ND		408726	NA
cis-1,3-Dichloropropene	ETO15	NA	03/07/12	2	2.3	4.5	ND	ND		408726	NA
Tetrachloroethylene	ETO15	NA	03/07/12	2	1.8	6.8	626	92.06		408726	NA
1,1,2-Trichloroethane	ETO15	NA	03/07/12	2	1.9	5.5	ND	ND		408726	NA
Dibromochloromethane	ETO15	NA	03/07/12	2	3.5	8.5	ND	ND		408726	NA
1,2-Dibromoethane (EDB)	ETO15	NA	03/07/12	2	4.1	15	ND	ND		408726	NA
2-Hexanone	ETO15	NA	03/07/12	2	2.2	8.2	ND	ND		408726	NA
Ethyl Benzene	ETO15	NA	03/07/12	2	2.0	4.3	ND	ND		408726	NA
Chlorobenzene	ETO15	NA	03/07/12	2	1.4	4.6	ND	ND		408726	NA
1,1,1,2-Tetrachloroethane	ETO15	NA	03/07/12	2	2.1	6.9	ND	ND		408726	NA
m,p-Xylene	ETO15	NA	03/07/12	2	3.2	8.6	ND	ND		408726	NA
o-Xylene	ETO15	NA	03/07/12	2	1.6	4.3	ND	ND		408726	NA
Styrene	ETO15	NA	03/07/12	2	1.4	4.4	ND	ND		408726	NA
Bromoform	ETO15	NA	03/07/12	2	2.2	10	ND	ND		408726	NA
1,1,2,2-Tetrachloroethane	ETO15	NA	03/07/12	2	1.4	6.9	ND	ND		408726	NA
4-Ethyl Toluene	ETO15	NA	03/07/12	2	1.6	4.9	ND	ND		408726	NA
1,3,5-Trimethylbenzene	ETO15	NA	03/07/12	2	1.5	4.9	ND	ND		408726	NA
1,2,4-Trimethylbenzene	ETO15	NA	03/07/12	2	1.4	4.9	ND	ND		408726	NA
1,4-Dichlorobenzene	ETO15	NA	03/07/12	2	1.3	6.0	ND	ND		408726	NA
1,3-Dichlorobenzene	ETO15	NA	03/07/12	2	1.7	6.0	ND	ND		408726	NA
Benzyl Chloride	ETO15	NA	03/07/12	2	1.2	5.2	ND	ND		408726	NA
1,2-Dichlorobenzene	ETO15	NA	03/07/12	2	1.8	6.0	ND	ND		408726	NA
Hexachlorobutadiene	ETO15	NA	03/07/12	2	4.8	11	ND	ND		408726	NA
1,2,4-Trichlorobenzene	ETO15	NA	03/07/12	2	6.8	15	ND	ND		408726	NA
Naphthalene	ETO15	NA	03/07/12	2	2.9	10	ND	ND		408726	NA
(S) 4-Bromofluorobenzene	ETO15	NA	03/07/12	2	65	135	131 %			408726	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/06/12
Date Reported: 03/13/12

Client Sample ID:	Effluent	**Lab Sample ID:**	1203040-001A
Project Name/Location:	649 Pacific Ave.	**Sample Matrix:**	Soil Vapor
Project Number:			
Date/Time Sampled:	03/06/12 / 11:25	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	0.0
Collection Volume (L):	0.00	**Corrected PSI :**	0.0
Tag Number:	649 Pacific Ave., Alameda, CA		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Lab Qualifier	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Stoddard Sol.	ETO3	NA	03/07/12	4	700	1400	ND	ND		408727	NA

NOTE: Reporting limit was raised due to limited sample volume received (tedlar bag).

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1203040	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	03/07/12	**Analytical Batch:**	408726
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	0.30	1.00	ND		
1,1-Difluoroethane	0.18	0.500	ND		
1,2-Dichlorotetrafluoroethane	0.70	2.00	ND		
Chloromethane	0.15	0.500	ND		
Vinyl Chloride	0.26	1.00	ND		
1,3-Butadiene	0.20	0.500	ND		
Bromomethane	0.18	0.500	ND		
Chloroethane	0.19	0.500	ND		
Trichlorofluoromethane	0.32	1.00	ND		
1,1-Dichloroethene	0.15	0.500	ND		
Freon 113	0.11	0.500	ND		
Carbon Disulfide	0.26	1.00	ND		
2-Propanol (Isopropyl Alcohol)	0.39	4.00	ND		
Methylene Chloride	0.17	0.500	ND		
Acetone	0.37	4.00	ND		
trans-1,2-Dichloroethene	0.16	0.500	ND		
Hexane	0.15	0.500	ND		
MTBE	0.24	0.500	ND		
tert-Butanol	0.22	2.00	ND		
Diisopropyl ether (DIPE)	0.21	0.500	ND		
1,1-Dichloroethane	0.18	0.500	ND		
ETBE	0.16	0.500	ND		
cis-1,2-Dichloroethene	0.13	0.500	ND		
Chloroform	0.25	1.00	ND		
Vinyl Acetate	0.16	0.500	ND		
Carbon Tetrachloride	0.14	0.500	ND		
1,1,1-Trichloroethane	0.15	0.500	ND		
2-Butanone (MEK)	0.21	0.500	ND		
Ethyl Acetate	0.21	0.500	ND		
Tetrahydrofuran	0.10	0.500	ND		
Benzene	0.21	0.500	ND		
TAME	0.086	0.500	ND		
1,2-Dichloroethane (EDC)	0.24	0.500	ND		
Trichloroethylene	0.26	1.00	ND		
1,2-Dichloropropane	0.29	1.00	ND		
Bromodichloromethane	0.13	0.500	ND		
1,4-Dioxane	0.35	1.00	ND		
trans-1,3-Dichloropropene	0.19	0.500	ND		
Toluene	0.25	0.500	ND		
4-Methyl-2-Pentanone (MIBK)	0.21	0.500	ND		
cis-1,3-Dichloropropene	0.25	0.500	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1203040	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	03/07/12	**Analytical Batch:**	408726
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Tetrachloroethylene	0.13	0.500	ND	
1,1,2-Trichloroethane	0.17	0.500	ND	
Dibromochloromethane	0.20	0.500	ND	
1,2-Dibromoethane (EDB)	0.27	1.00	ND	
2-Hexanone	0.27	1.00	ND	
Ethyl Benzene	0.23	0.500	ND	
Chlorobenzene	0.15	0.500	ND	
1,1,1,2-Tetrachloroethane	0.15	0.500	ND	
m,p-Xylene	0.38	1.00	ND	
o-Xylene	0.19	0.500	ND	
Styrene	0.16	0.500	ND	
Bromoform	0.11	0.500	ND	
1,1,2,2-Tetrachloroethane	0.10	0.500	ND	
4-Ethyl Toluene	0.17	0.500	ND	
1,3,5-Trimethylbenzene	0.15	0.500	ND	
1,2,4-Trimethylbenzene	0.14	0.500	ND	
1,4-Dichlorobenzene	0.11	0.500	ND	
1,3-Dichlorobenzene	0.14	0.500	ND	
Benzyl Chloride	0.12	0.500	ND	
1,2-Dichlorobenzene	0.15	0.500	ND	
Hexachlorobutadiene	0.22	0.500	ND	
1,2,4-Trichlorobenzene	0.46	1.00	ND	
Naphthalene	0.28	1.00	ND	
(S) 4-Bromofluorobenzene			133	

Work Order:	1203040	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO3	**Analyzed Date:**	03/07/12	**Analytical Batch:**	408727
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH-Gasoline	50	100	ND	
Stoddard Sol.	50	100	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1203040	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	03/07/12	**Analytical Batch:**	408726
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.15	0.500	ND	20	100	105	5.01	65 - 135	30	
Benzene	0.21	0.500	ND	20	102	105	2.56	65 - 135	30	
Trichloroethylene	0.26	1.00	ND	20	95.2	99.0	3.97	65 - 135	30	
Toluene	0.25	0.500	ND	20	100	94.1	6.33	65 - 135	30	
Chlorobenzene	0.15	0.500	ND	20	94.5	88.2	6.90	65 - 135	30	
(S) 4-Bromofluorobenzene			ND	20	105	85.0		65 - 135		

Work Order:	1203040	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Air	**Analytical Method:**	ETO3	**Analyzed Date:**	03/07/12	**Analytical Batch:**	408727
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH-Gasoline	50	100	ND	500	84.6	89.2	5.26	50 - 150	30	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 649 Pacific Ave.

Work Order No.: 1203040

Date and Time Received: 3/6/2012 12:35

Received By: NG

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A
pH Checked by:	pH Adjusted by:

Login Summary Report

Client ID: TL5109 Trinity Source Group

Project Name: 649 Pacific Ave.

Project # :

Report Due Date: 3/13/2012

QC Level:

TAT Requested: 5+ day:0

Date Received: 3/6/2012

Time Received: 12:35

Comments:

Work Order # : ***1203040***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1203040-001A	Effluent	03/06/12 11:25	Air				EDF A_TO-15Full-A A_TO-3TPPH A_TO-15Full-B	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 1203040

Company Name: TRINITY SOURCE GROUP, INC.	Location of Sampling: 649 Pacific Ave, Alameda, CA
Address: 500 CHESTNUT ST, Ste 225	Purpose: SSPS OM-QM
City: SANTA CRUZ State: CA Zip Code: 95060	Special Instructions / Comments:
Telephone: (831) 426-5600 FAX: (831) 426-5602	Global ID # SL0600150413
REPORT TO: DAVE REINSMA SAMPLER: ERIC CHOI	P.O. #: 103.001.001 EMAIL: labstrinity@gmail.com

TURNAROUND TIME: ☐ 10 Work Days ☐ 3 Work Days ☐ Noon - Nxt Day ☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours ☒ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE: ☐ Storm Water ☒ Air ☐ Waste Water ☐ Other ☐ Ground Water ☐ Soil

REPORT FORMAT: ☐ QC Level IV ☒ EDF ☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TO3 standard	TO15 Full scan								REMARKS
001A	EFFLUENT	3/6/12 @ 1125	AIR	1	1L Tedlar	X	X								

TORRENT LAB

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	ERIC CHOI	3/6/12	1235	[signature]	NAVIN G	3-6-12	12:35
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on Ice? ☐ Yes ☒ NO Method of Shipment D/O Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 1 of 1

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

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 - Monitoring Report - Quarterly**
Submittal Title:	**SUBSLABDEPRESURIZATIONSYSTEMAIRDATA-3Q2011**
Facility Global ID:	**SL0600150413**
Facility Name:	**SEARWAY PROPERTY**
File Name:	**TSG 1108167 649 Pacific Ave EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**69.198.129.110**
Submittal Date/Time:	**5/7/2012 1:26:46 PM**
Confirmation Number:	6443647265

VIEW QC REPORT

VIEW DETECTIONS REPORT

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 - Monitoring Report - Quarterly**
Submittal Title:	**SUBSLABDEPRESURIZATIONSYSTEMAIRDATA-4Q2011**
Facility Global ID:	**SL0600150413**
Facility Name:	**SEARWAY PROPERTY**
File Name:	**TSG 1111150 649 Pacific Ave EDF-4Q11.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**69.198.129.110**
Submittal Date/Time:	**5/7/2012 1:27:50 PM**
Confirmation Number:	9886199235

VIEW QC REPORT

VIEW DETECTIONS REPORT

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 - Monitoring Report - Annually**
Submittal Title:	**SUBSLABDEPRESURIZATIONSYSTEMAIRDATA-1Q2012**
Facility Global ID:	**SL0600150413**
Facility Name:	**SEARWAY PROPERTY**
File Name:	**TSG 1203040 649 Pacific Ave EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**69.198.129.110**
Submittal Date/Time:	**5/7/2012 1:28:54 PM**
Confirmation Number:	1902221620

VIEW QC REPORT

VIEW DETECTIONS REPORT

ATTACHMENT F

BAAQMD – PERMIT TO OPERATE

06/04/12 B8970

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

Plant# 18970 Page: 1 Expires: APR 1, 2013

This document does not permit the holder to violate any District regulation or other law.

Don Lindsey
Searway Property
2424 Central Avenue
Alameda, CA 94501

Location: 649 Pacific Avenue
Alameda, CA 94501

S#	DESCRIPTION	[Schedule]	PAID
1	CHEM> Contaminated soil remediation Sub-Slab Venting System	Paid Thru 04-01-13	1185

1 Permit Source, 0 Exempt Sources

*** See attached Permit Conditions ***

The operating parameters described above are based on information supplied by permit holder and may differ from the limits set forth in the attached conditions of the Permit to Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of District regulations subject to enforcement action.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

*** PERMIT CONDITIONS ***

==========

COND# 23992 *applies to S# 1*

1. In no event shall emissions to the atmosphere of the following compounds exceed the corresponding emission limits in pounds per day:

Toxic Compound Emissions in #/day	
Benzene	1.8E-2
Chloroform	9.3E-2
Carbon Tetrachloride	1.2E-2
Methylene Chloride	4.9E-1
Perchloroethylene	8.2E-2
Trichloroethylene	2.5E-1
Vinyl Chloride	6.6E-3

In addition, emissions of total volatile organic compounds shall not exceed 10 pounds per day. Soil vapor flow rate shall not exceed 72 scfm. [basis: Reg. 2-1-316, 2-2-301, 8-47-113]

2. To determine compliance with Condition 1, the operator of this source shall:

   a. Analyze exhaust gas to determine the concentration of the compounds listed in Condition 1 and the total volatile organic compounds present for each of the first two days of operation. Thereafter, the exhaust gas shall be analyzed to determine the concentration of the compounds listed in condition 1 and total volatile organic compounds present once every 92 days on a quarterly basis.

      Written authorization must be received from the District before any change in sampling frequency.

   b. Emissions in pounds per day shall be calculated for those compounds listed in condition 1 as well as the total volatile organic compounds.

   c. Submit to the District's Engineering Division the test results and emission calculations for the first two days of operation within one month of the testing date. Samples shall be analyzed according to modified EPA test methods TO-15 or equivalent to determine the concentrations those compounds listed

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

*** PERMIT CONDITIONS ***

in condition 1 as well as the total volatile organic compounds.

3. The operator of this source shall maintain the following information in a District-approved log for each month of operation of the source:

   a. dates of operation;
   b. exhaust flow rate:
   c. exhaust sampling date;
   d. analysis results;
   e. calculated emissions of POC and listed compounds in pounds per day.

   Such records shall be retained and made available for inspection by the District for two years following the date the data is recorded. [basis: Reg. 1-523]

4. Any non-compliance with these conditions shall be reported to the Compliance and Enforcement Division at the time that it is first discovered. The submittal shall detail the corrective action taken and shall include the data showing the exceedance as well as the time of occurrence.

5. The operator shall maintain a file containing all measurements, records and other data that are required to be collected pursuant to the various provisions of this conditional Authority to Construct/Permit to Operate. All measurements, records and data required to be maintained by the applicant shall be retained for at least two years following the date the data is recorded. [basis: Reg. 1-523]

6. Upon final completion of the remediation project, the operator of Source S-1 shall notify the district within two weeks of decommissioning the operation.

~~~~~~~~~~~~~~~~~~~~~~~~~~ END OF CONDITIONS ~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~~~~~~~~~~~~~~

S#	Source Description	Annual Average lbs/day PART	ORG	NOx	SO2	CO
1	Sub-Slab Venting System	-	.1	-	-	-
	T O T A L S		.1			

ATTACHMENT G

BAAQMD CORRESPONDENCE

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

March 28, 2012

Trinity Source Group, Inc.
500 Chestnut Street, Suite 225
Santa Cruz, CA 95060

Attention: Cora E. Olson

Application No.: 17506
Plant No. 18970
Equipment Location:
Searway Property
649Pacific Avenue
Alameda, CA

Dear Applicant:

The District has reviewed your request, dated March 19, 2012 to change the monitoring frequency from quarterly to annually. Based on the information provided, an annual monitoring schedule is both reasonable from the District's perspective and will also grant your firm the flexibility requested. Be aware that you can monitor your systems more frequently if desired.

Please keep a copy of this letter and the attached revised operating conditions (COND#23992) as verification that a monitoring schedule of annually has been approved by the District for the site subject to P/O (Plant #18970).

Please include your application number with any correspondence with the District. The District's regulations may be viewed online at www.baaqmd.gov If you have any questions on this matter, please call me at **(415) 749-4630.**

Very truly yours,

Flora W Chan
Air Quality Engineer II

Application No. 17506
Permit Condition No. 23992
649 Pacifica Avenue in Alameda

COND# 23992 ----------

1. In no event shall emissions to the atmosphere of the following compounds exceed the corresponding emission limits in pounds per day:

Toxic Compound Emissions in #/day	
Benzene	1.8E-2
Chloroform	9.3E-2
Carbon Tetrachloride	1.2E-2
Methylene Chloride	4.9E-1
Perchloroethylene	8.2E-2
Trichloroethylene	2.5E-1
Vinyl Chloride	6.6E-3

In addition, emissions of total volatile organic compounds shall not exceed 10 pounds per day. Soil vapor flow rate shall not exceed 72 scfm. [basis: Reg. 2-1-316, 2-2-301, 8-47-113]

2. To determine compliance with Condition 1, the operator of this source shall:

   a. Analyze exhaust gas to determine the concentration of the compounds listed in Condition 1 and the total volatile organic compounds present for each of the first two days of operation. Thereafter, the exhaust gas shall be analyzed to determine the concentration of the compounds listed in condition 1 and total volatile organic compounds present once every 365 days on an annual basis. Written authorization must be received from the District before any change in sampling frequency.
   b. Emissions in pounds per day shall be calculated for those compounds listed in condition 1 as well as the total volatile organic compounds.
   c. Submit to the District's Engineering Division the test results and emission calculations for the first two days of operation within one month of the testing date. Samples shall be analyzed according to modified EPA test methods TO-15 or equivalent to determine the concentrations those compounds listed in condition 1 as well as the total volatile organic compounds.

3. The operator of this source shall maintain the following information in a District-approved log for each year of operation of the source:

   a. dates of operation;
   b. exhaust flow rate:
   c. exhaust sampling date;
   d. analysis results;
   e. calculated emissions of POC and listed compounds in pounds per day.

   Such records shall be retained and made available for inspection by the District for two years following the date the data is recorded. [basis: Reg. 1-523]

4. Any non-compliance with these conditions shall be reported to the Compliance and Enforcement Division at the time that it is first discovered. The submittal shall detail the corrective action taken and shall include the data showing the exceedance as well as the time of occurrence.

5. The operator shall maintain a file containing all measurements, records and other data that are required to be collected pursuant to the various provisions of this conditional Authority to Construct/Permit to Operate. All measurements, records and data required to be maintained by the applicant shall be retained for at least two years following the date the data is recorded. [basis: Reg. 1-523]

6. Upon final completion of the remediation project, the operator of Source S-1 shall notify the district within two weeks of decommissioning the operation.