



**CONESTOGA-ROVERS
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RECEIVED

July 29, 2011

8:54 am, Aug 03, 2011
Alameda County
Environmental Health

Reference No. 521000

Ms. Barbara Jakub
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Dear Ms. Jakub:

Re: Addendum to Workplan for Sub-Slab Vapor Probe Installation and Sampling at
1164 Ocean Avenue, Oakland, CA
1137-1167 65th Street, Oakland, CA
Agency Case No. RO0000082

Conestoga-Rovers & Associates (CRA) has prepared this addendum to the *Workplan for Sub-Slab Vapor Probe Installation and Sampling at 1164 Ocean Avenue, Oakland, CA*. This workplan was uploaded to the ACEH FTP website on June 10, 2011 for your review and comment.

Recent completed work at the site included the installation and sampling of nine sub-slab vapor probes beneath the foundations of four buildings located on the subject site at 1137-1167 65th Street. Probe installation, sampling and data evaluation of this work was presented in the report titled, *Site Conceptual Model, Sub-Slab Vapor Probe and Additional Site Characterization Report*, dated June 17, 2011. Only SSVP-2 exceeded any established Environmental Screening Level (ESL) for the chemicals of concern at the site. SSVP-2 reportedly contained 9,700 µg/m³ Tetrachloroethene (PCE). This concentration exceeds the ESL of 1,400 µg/m³. To confirm this concentration of PCE in sub-slab soil vapors beneath 1167 65th Street, CRA proposes to resample SSVP-2 at the same time the sub-slab probes at 1164 Ocean Avenue are sampled. Figure 13 and Table 9 of the Site Conceptual Model are attached for your reference.

Please consider this recommendation as you review the workplan for comment/approval.

If you have any questions regarding with any aspect of the scope proposed in the workplan, or with this addendum, please contact Robert Foss at (510) 420-3348.

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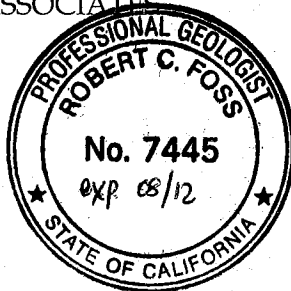
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Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Robert Foss

Robert Foss, P.G.
Senior Project Geologist



RCF/xx/16
Encl.

To the best of my knowledge, I have no argument or disagreement with the contents of this workplan.

Nady Trust U/D/T dated 1/21/1997

John Nady

John Nady, trustee

cc: Mr. Dennis Parfitt, SWRCB

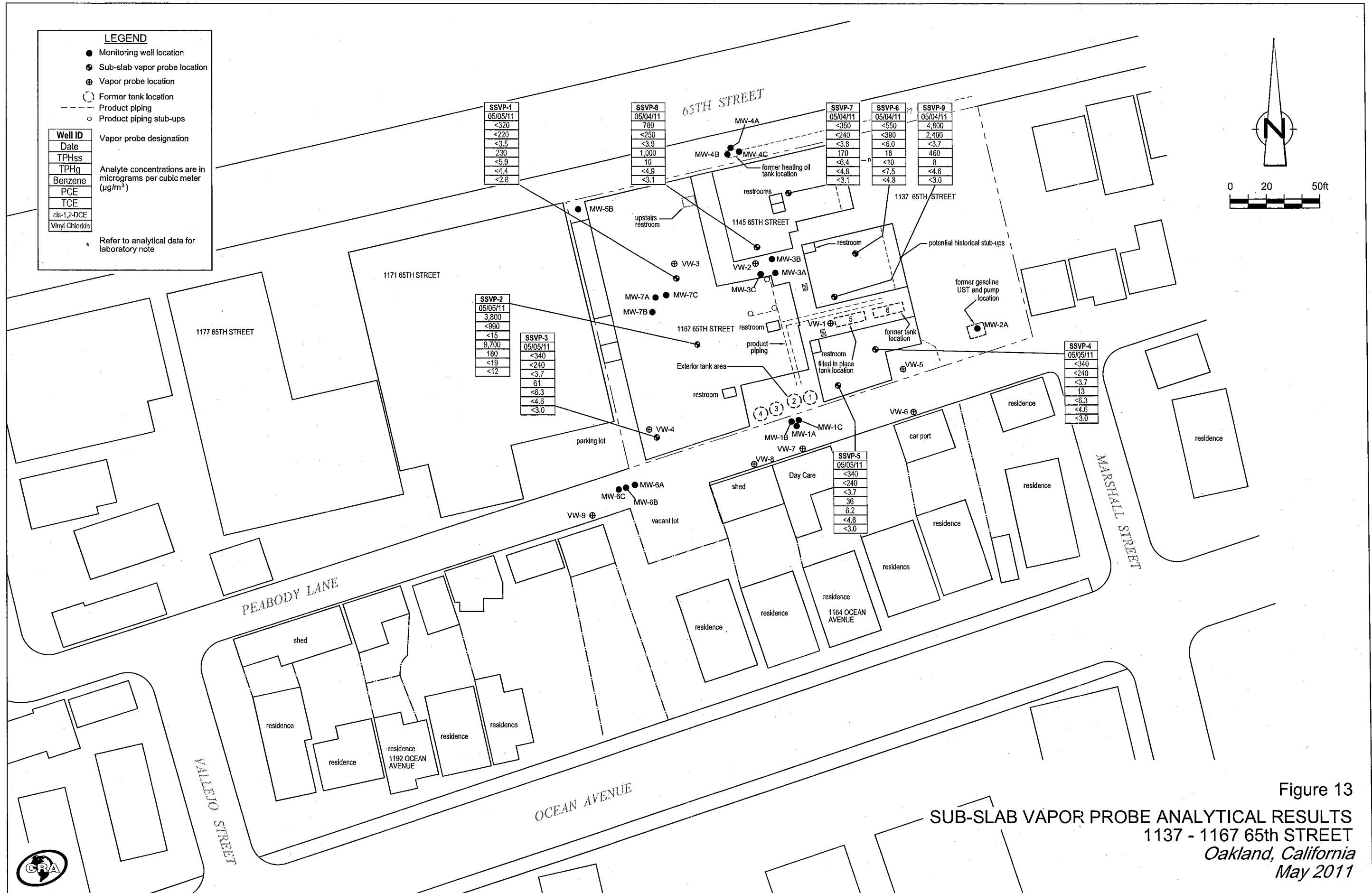


Figure 13
 SUB-SLAB VAPOR PROBE ANALYTICAL RESULTS
 1137 - 1167 65th STREET
 Oakland, California
 May 2011

TABLE 9

SUB-SLAB SOIL VAPOR ANALYTICAL RESULTS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Sample ID	Date Sampled	Sample Interval (fbg)	PCE (ug/m ³)	TCE (ug/m ³)	TPHss (ug/m ³)	TPHg (ug/m ³)	Benzene (ug/m ³)	Toluene (ug/m ³)	Ethylbenzene (ug/m ³)	m,p-Xylene (ug/m ³)	o-Xylene (ug/m ³)	cis-1,2-DCE (ug/m3)	trans-1,2-DCE (ug/m3)	Vinyl Chloride (ug/m3)	Oxygen (%)	Methane (%)	Carbon Dioxide (%)	Helium (%)
RWQCB-SFBR Environmental Screening Levels for Soil Gas - Vapor Intrusion Concerns (Table E, Commercial/Industrial Land Use)			1,400	4,100	29,000	29,000	280	180,000	3,300	58,000	58,000	20,000	41,000	100				
Residential Land use			410	1,200	10,000	10,000	84	63,000	980	21,000	21,000	7,300	15,000	31				
SSVP-1	5/4/2011	0.16	230	<5.9	<320	<220	<3.5	<4.2	<4.8	<4.8	<4.8	<4.4	<4.4	<2.8	18	<0.00022	2.8	0.69
SSVP-2	5/4/2011	0.16	9,700	180	3,800	<990	<15	<18	<21	<21	<21	<19	<19	<12	15	<0.00050	6.8	<0.25
SSVP-3	5/5/2011	0.29	61	<6.3	<340	<240	<3.7	<4.4	<5.0	<5.0	<5.0	<4.6	<4.6	<3.0	18	<0.00023	2.4	<0.12
SSVP-4	5/5/2011	0.33	13	<6.3	<340	<240	<3.7	4.7	<5.0	<5.0	<5.0	<4.6	<4.6	<3.0	19	<0.00023	1.6	1.3
SSVP-5	5/5/2011	0.33	36	6.2	<340	<240	<3.7	<4.4	<5.0	<5.0	<5.0	<4.6	<4.6	<3.0	19	0.00026	2.2	<0.12
SSVP-6	5/4/2011	0.33	18	<10	<550	<390	<6.0	7.3	<8.2	<8.2	<8.2	<7.5	<7.5	<4.8	35	<0.00088	1.8	<0.44
SSVP-7	5/4/2011	0.33	170	<6.4	<350	<240	<3.8	<4.5	<5.2	<5.2	<5.2	<4.8	<4.8	<3.1	20	<0.00024	1.7	<0.12
SSVP-8	5/4/2011	0.75	1,000	10	780	<250	<3.9	<4.6	<5.3	<5.3	<5.3	<4.9	<4.9	<3.1	19	<0.00025	2.4	<0.12
SSVP-9	5/4/2011	0.33	460	8	4,800	2,400	<3.7	<4.4	<5.0	<5.0	<5.0	<4.6	<4.6	<3.0	9.9	0.00035	9.1	0.43
<i>Duplicate Sample</i>																		
SSVP-7-Dup (field)	5/4/2011	0.33	170	<6.4	<350	<240	<3.8	<4.5	<5.2	<5.2	<5.2	<4.7	<4.7	<3.0	20.0	<0.00024	1.7	<0.12

Abbreviations and Analyses:

<n = Not detected (ND) above laboratory detection limit, n.

>n = Compound present at concentrations exceeding instrument calibration range, n.

ug/m³ = Microgram per cubic meter.

% = Percent

-- = Not Analyzed, Not Available

ft = Measured in feet

TPHss by EPA Method TO-17

TPHg by EPA Method TO-15 GC/MS

Benzene, Toluene, Ethylbenzene, m,p&o-Xylenes and five HVOCs by modified EPA Method TO-15 GC/MS

Oxygen, Methane, Carbon Dioxide, Helium by ASTM D-1946