

A.4 Vapor Analytical Table
Sub-Slab Sampling Data Table for A to Z Sales & Service
BY METCO

Sub-Slab Sampling conducted Conducted on November 19, 2019

WDNR

Residential
Sub-Slab Vapor Action
Levels for Various VOCs

Quick Look-Up Table
Updated November, 2017

Sample ID	SS-1	SS-2	SS-3	(ug/m ³)	
Benzene – ug/m ³	<0.50	<0.45	<0.51	120	c
Carbon Tetrachloride – ug/m ³	NS	NS	NS	160	c
Chloroform – ug/m ³	NS	NS	NS	40	c
Chloromethane – ug/m ³	NS	NS	NS	3100	n
Dichlorodifluoromethane – ug/m ³	NS	NS	NS	3300	n
1,1-Dichloroethane (1,1-DCA) – ug/m ³	NS	NS	NS	600	c
1,2-Dichloroethane (1,2-DCA) – ug/m ³	NS	NS	NS	37	c
1,1-Dichloroethylene (1,1-DCE) – ug/m ³	NS	NS	NS	7000	n
1,2-Dichloroethylene (cis and trans) - ug/m ³	NS	NS	NS	NA	-
Ethylbenzene – ug/m ³	<1.4	<1.2	5.1	370	c
Methylene chloride – ug/m ³	NS	NS	NS	21000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m ³	<5.7	<5.1	<5.8	3700	c
Naphthalene – ug/m ³	<4.1	<3.7	<4.2	28	c
Tetrachloroethylene -ug/m ³	NS	NS	NS	1400	n
Toluene – ug/m ³	5.0	2.9	2.7	170000	n
1,1,1-Trichloroethane – ug/m ³	NS	NS	NS	170000	n
Trichloroethylene – ug/m ³	NS	NS	NS	70	n
Trichlorofluoromethane (Halcarbon 11) – ug/m ³	NS	NS	NS	NA	-
Trimethylbenzene (1,2,4) – ug/m ³	<1.5	<1.4	<1.6	2100	n
Trimethylbenzene (1,3,5) – ug/m ³	<1.5	<1.4	<1.6	2100	n
Vinyl chloride – ug/m ³	NS	NS	NS	57	c
Xylene (total) -ug/m ³	8.7	<3.7	56.1	3300	n

ug/m³ = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

Bold = Sub-Slab Standard Exceedance

NS = Not sampled

c = Carcinogen

n = Non Carcinogen

J = between Limit of Detection (LOD) and Limit of Quantitation (LOQ)

*** Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.**

B = Compound was found in the blank and sample

E = Result exceeded calibration range

- = Inhalation toxicity values are not available from U.S. EPA