McDowell Northside Indoor Air, Sub-slab, and Outdoor Air Sample Results
Trichloroethene (TCE) and Tetrachloroethene (PCE) (µg/m^3) (July 2011-February 2013)

Residential Location	Sample Type	Sample Date	Trichloroethene (TCE)	Tetrachloroethene (PCE)
29	Indoor Air	8/15/2012	ND	ND
29	Indoor Air	2/19/2013	0.14	0.21
29	Indoor Air Duplicate	2/19/2013	0.14	0.2
29	Sub-Slab	8/15/2012	ND	8.1
29	Sub-Slab	02/21/13	5.6	170
30	Indoor Air	8/16/2012	**0.72**	0.21
30	Indoor Air	2/21/2013	**1.8**	0.22
30	Indoor Air Duplicate	2/21/2013	**1.1**	ND
30	Sub-Slab	8/16/2012	650	ND
30	Sub-Slab	2/21/2013	2300	11
31	Indoor Air	10/05/11	ND	0.79
31	Sub-Slab	10/06/11	ND	ND
32	Indoor Air	10/05/11	**0.53**	ND
32	Indoor Air	02/22/12	**3.8**	0.35
32	Indoor Air	8/15/2012	0.3	ND
32	Sub-Slab	10/06/11	230	9.6
32	Sub-Slab	10/06/11	82	ND
32	Sub-Slab	02/22/12	430	ND
32	Sub-Slab-M	02/22/12	867	7
32	Sub-Slab-M	02/22/12	666	7
32	Sub-Slab	8/15/2012	1600	10
33	Indoor Air	02/23/12	ND	0.39
33	Sub-Slab-M	02/22/12	19	3
34	Indoor Air	02/23/12	ND	5.3
34	Indoor Air	8/15/2012	ND	0.24
34	Sub-Slab-M	02/22/12	20	3
35	Indoor Air	02/25/12	ND	0.44
35	Indoor Air	8/15/2012	ND	ND
35	Indoor Air Duplicate	8/15/2012	ND	ND
35	Sub-Slab-M	02/23/12	13.9	2
35	Sub-Slab	8/15/2012	12	ND
36	Indoor Air	02/24/12	0.34	0.4
36	Indoor Air	8/15/2012	ND	ND
36	Sub-Slab	02/23/12	1100	13
36	Sub-Slab-M	02/23/12	2400	24
36	Sub-Slab	8/15/2012	1200	18
36	Sub-Slab duplicate	8/15/2012	1200	17
37	Indoor Air	02/25/12	0.22	0.57
37	Indoor Air	8/15/2012	ND	0.19
38	Indoor Air	8/16/2012	**1.0**	ND
38	Sub-Slab-A	8/16/2012	1000	9.5
38	Sub-Slab-B	8/16/2012	2400	16
39	Indoor Air	02/24/12	0.26	0.42
39	Indoor Air	8/16/2012	ND	ND
39	Sub-Slab-M	02/23/12	37	1
39	Sub-Slab-M	02/23/12	600	4
39	Sub-Slab-A	8/15/2012	ND	ND
39	Sub-Slab-B	8/15/2012	320	ND
39	Sub-Slab-B Duplicate	8/15/2012	320	ND
40	Indoor Air	8/15/2012	0.23	0.66
40	Indoor Air Duplicate	8/15/2012	ND	0.2
40	Indoor Air	2/19/2013	ND	0.38
41	Indoor Air	2/21/2013	ND	ND
41	Indoor Air-EPA	2/21/2013	ND	ND
41	Sub-Slab	2/21/2013	40	ND
41	Sub-Slab-EPA	2/21/2013	40	ND
42	Indoor Air	02/24/12	ND	0.35
42	Indoor Air - EPA	02/24/12	ND	0.33
42	Indoor Air	8/16/2012	**7.9**	0.79
42	Indoor Air - EPA	10/5/2012	ND	0.25
42	Indoor Air - EPA	10/5/2012	ND	0.22
42	Indoor Air - EPA	10/5/2012	ND	ND
42	Indoor Air - EPA	10/5/2012	ND	0.23
42	Sub-Slab-M	02/23/12	9	2.6
42	Sub-Slab - EPA	02/23/12	ND	ND
42	Sub-Slab-M	02/23/12	11	2.8
42	Sub-Slab	8/16/2012	ND	ND
43	Indoor Air	10/05/11	0.42	ND
43	Indoor Air	02/21/12	**2.6**	0.41
43	Indoor Air	8/17/2012	ND	0.43
43	Sub-Slab	10/06/11	270	ND
43	Sub-Slab	10/06/11	660	7.9
43	Sub-Slab	02/21/12	810	ND
43	Sub-Slab-M	02/21/12	1170	9
43	Sub-Slab-M	02/21/12	1250	13
43	Sub-Slab-A	8/16/2012	340	12
43	Sub-Slab-B	8/16/2012	220	ND
44	Indoor Air	10/05/11	0.42	ND
44	Indoor Air	02/24/12	**1.8**	0.36
44	Indoor Air	8/15/2012	0.14	0.2
44	Sub-Slab	10/06/11	55	ND
44	Sub-Slab-M	02/23/12	241	3.9
44	Sub-Slab-EPA	02/23/12	200	ND
44	Sub-Slab	8/15/2012	17	ND
45	Indoor Air	02/25/12	**0.56**	0.37
45	Sub-Slab-M	02/23/12	10000	56
46	Indoor Air	02/23/12	**24**	0.83
46	Indoor Air	07/17/12	**0.89**	1.1
46	Indoor Air	02/19/13	**1.3**	1.8
46	Sub-Slab-M	02/22/12	5600	20
47	Indoor Air	02/23/12	**5.1**	0.47
47	Indoor Air Duplicate	02/23/12	**3.9**	0.49
47	Indoor Air	07/17/12	0.25	ND
47	Indoor Air	02/19/13	0.3	0.23
47	Sub-Slab-M	02/22/12	3040	14
47	Sub-Slab-M Duplicate	02/22/12	3170	14
48	Indoor Air	02/24/12	**7.6**	2.1
48	Indoor Air - EPA	02/24/12	**9.3**	1.7
48	Indoor Air	02/21/13	0.19	ND
48	Sub-Slab-M	02/23/12	5400	31
48	Sub-Slab - EPA	02/23/12	6500	20
48	Sub-Slab-M	02/23/12	13000	87
49	Indoor Air	02/22/12	**12**	0.29
49	Indoor Air - EPA	02/22/12	**10**	0.28
49	Indoor Air	07/17/12	**1.2**	0.28
49	Indoor Air Duplicate	07/17/12	**1.1**	ND
49	Indoor Air	8/15/2012	**2.4**	7.3
49	Indoor Air	2/20/2013	**0.87**	0.86
49	Sub-Slab-M	02/22/12	43000	160
49	Sub-Slab - EPA	02/22/12	29000	100
49	Sub-Slab-M	02/22/12	16500	85
49	Sub-Slab-M Duplicate	02/22/12	19000	100

Residential Location	Sample Type	Sample Date	Trichloroethene (TCE)	Tetrachloroethene (PCE)
50	Indoor Air	02/24/12	**14**	0.39
50	Sub-Slab-M	02/23/12	3170	20
50	Sub-Slab-M	02/23/12	10500	80
51	Indoor Air	02/19/13	**0.43**	0.2
52	Indoor Air	10/05/11	**1.7**	ND
52	Indoor Air - EPA	10/05/11	**2.6**	0.26
52	Sub-Slab	10/06/11	3700	ND
52	Sub-Slab	10/06/11	3200	ND
52	Sub-Slab - EPA	10/06/11	7600	20
52	Sub-Slab - EPA	10/06/11	5300	10
53	Indoor Air	10/05/11	**2.4**	9.3
53	Indoor Air Duplicate	10/05/11	**2.1**	ND
53	Indoor Air	07/17/12	**0.56**	ND
53	Indoor Air	02/20/13	ND	ND
53	Sub-Slab	10/06/11	4700	ND
54	Indoor Air	02/27/12	**2.8**	0.4
54	Sub-Slab	02/23/12	1200	7.8
54	Sub-Slab-M	02/23/12	2500	15
54	Sub-Slab-M Duplicate	02/23/12	2400	16
55	Indoor Air	10/05/11	**1.3**	ND
55	Indoor Air	07/17/12	**0.53**	ND
55	Indoor Air	02/19/13	**0.95**	0.21
55	Sub-Slab	10/06/11	1700	ND
55	Sub-Slab	10/06/11	2600	ND
56	Indoor Air	02/24/12	**3.6**	0.47
56	Indoor Air	02/24/12	**3.7**	0.5
56	Indoor Air	07/17/12	0.36	ND
56	Indoor Air	02/19/13	0.15	0.2
56	Sub-Slab-M	02/23/12	10000	75
57	Indoor Air	10/05/11	0.28	ND
57	Indoor Air	07/17/12	**1.1**	2.6
57	Indoor Air	02/19/13	0.24	0.38
57	Indoor Air Duplicate	02/19/13	0.22	0.38
57	Sub-Slab	10/06/11	4100	ND
57	Sub-Slab	10/06/11	13000	ND
58	Indoor Air	02/23/12	0.26	0.32
58	Sub-Slab	02/24/12	150	ND
58	Sub-Slab-M	02/24/12	340	7
59	Indoor Air	8/15/2012	**0.94**	ND
59	Indoor Air	2/21/2013	**0.51**	ND
59	Sub-Slab	8/15/2012	100	ND
59	Sub-Slab	8/15/2012	520	7
59	Sub-Slab	2/21/2013	550	13
59	Sub-Slab	2/21/2013	440	ND
59	Sub-Slab Duplicate	2/21/2013	200	ND
60	Indoor Air	02/25/12	ND	0.22
60	Indoor Air	8/16/2012	ND	ND
60	Sub-Slab-M	02/24/12	2	2
60	Sub-Slab - EPA	02/24/12	ND	ND
60	Sub-Slab	8/16/2012	ND	ND
61	Indoor Air	02/24/12	**1.2**	1.8
61	Sub-Slab	02/23/12	270	ND
61	Sub-Slab-M	02/23/12	450	5
61	Sub-Slab-M Duplicate	02/23/12	487	5.2
62	Indoor Air	02/24/12	**0.58**	0.44
62	Indoor Air	8/16/2012	0.39	ND
62	Indoor Air Duplicate	8/16/2012	**0.43**	0.18
62	Sub-Slab	02/23/12	ND	ND
62	Sub-Slab-M	02/23/12	431	8
62	Sub-Slab	8/16/2012	ND	ND
63	Indoor Air	02/25/12	ND	0.33
63	Indoor Air	8/15/2012	ND	ND
63	Sub-Slab-M	02/24/12	2	1
63	Sub-Slab	8/15/2012	5.8	ND
64	Indoor Air	02/24/12	0.18	0.34
64	Sub-Slab	02/23/12	120	ND
64	Sub-Slab-M	02/23/12	222	3.2
65	Indoor Air	07/17/12	**2.6**	0.32
65	Indoor Air	8/15/2012	**0.86**	ND
65	Indoor Air	2/20/2013	0.17	ND
65	Sub-Slab	8/15/2012	2800	31
65	Sub-Slab	8/15/2012	340	ND
Commercial Location	**Sample Type**	**Sample Date**	**Trichloroethene**	**Tetrachloroethene**
1	Indoor Air	10/06/11	ND	0.23
1	Indoor Air	10/06/11	ND	ND
1	Indoor Air	10/06/11	ND	0.27
1	Indoor Air	02/21/12	0.2	0.5
1	Indoor Air	02/21/12	0.44	0.63
1	Indoor Air	02/21/12	0.18	0.58
2	Indoor Air	07/17/12	1.3	0.24
2	Indoor Air	07/17/12	0.95	0.26
2	Indoor Air	07/17/12	0.97	0.2
2	Indoor Air	02/18/13	**5.3**	0.4
2	Indoor Air	02/18/13	**4.2**	0.36
3	Indoor Air	10/05/11	0.47	0.24
3	Indoor Air	02/21/12	0.65	0.19
Outdoor Location	**Sample Type**	**Sample Date**	**Trichloroethene**	**Tetrachloroethene**
16	Outdoor Air	10/05/11	ND	ND
17	Outdoor Air	10/05/11	ND	ND
18	Outdoor Air	10/05/11	0.57	0.71
19	Outdoor Air	10/05/11	0.31	ND
20	Outdoor Air	10/06/11	ND	ND
21	Outdoor Air	02/21/12	0.18	0.42
22	Outdoor Air Duplicate	02/21/12	0.19	0.47
23	Outdoor Air	02/22/12	0.25	0.26
24	Outdoor Air	02/23/12	ND	0.3
25	Outdoor Air	02/24/12	ND	0.45
26	Outdoor Air	02/24/12	0.35	0.64
27	Outdoor Air	02/25/12	0.19	0.69
28	Outdoor Air	07/17/12	0.58	ND
29	Outdoor Air	07/17/12	ND	ND
30	Outdoor Air	8/15/2012	ND	ND
31	Outdoor Air	8/15/2012	ND	0.25
32	Outdoor Air	8/15/2012	ND	ND
33	Outdoor Air	8/16/2012	ND	ND
32	Outdoor Air	8/16/2012	ND	ND
35	Outdoor Air	8/16/2012	ND	ND
36	Outdoor Air	8/17/2012	ND	ND
37	Outdoor Air	2/21/2013	ND	ND
38	Outdoor Air	2/19/2013	ND	0.2
39	Outdoor Air	2/20/2013	0.24	ND
40	Outdoor Air	2/19/2013	0.32	ND

Notes:
ND = Not Detected
Indoor Air = Indoor air sample results shown in blue - **Bolded** where result exceeds applicable EPA screening level
Sub-Slab-M = Sub-Slab sample analyzed by Modified EPA Method TO-14 in a mobile lab by Hartman Environmental Geoscience.
Locations where mitigation systems installed

	Trichloroethene (TCE)	Tetrachloroethene (PCE)
Indoor Air Laboratory Reporting Limit (µg/m^3)	0.13	0.17
Sub-Slab Laboratory Reporting Limit (µg/m^3)	5.5	6.9
EPA Regional Screening Level (RSL) for Residential Indoor Air (µg/m^3)	0.43	9.3
EPA Regional Screening Level (RSL) for Industrial Indoor Air (µg/m^3)	3	47.2