McDowell Southside and Schools 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)
66	Indoor Air	8/14/2012	0.23	0.65
66	Indoor Air	02/21/13	0.17	0.34
66	Indoor Air Duplicate	02/21/13	0.15	0.27
66	Sub-slab	8/15/2012	120	9.8
66	Sub-slab Duplicate	8/15/2012	91	17
66	Sub-slab	02/21/13	98	16
67	Indoor Air	02/22/12	**0.61**	0.68
67	Sub-Slab	02/21/12	210	16
67	Sub-Slab-M	02/21/12	300	21
68	Indoor Air	02/22/12	0.24	4.6
68	Indoor Air	8/14/2012	ND	0.55
68	Sub-Slab	02/21/12	15	ND
68	Sub-Slab-F Duplicate	02/21/12	13	ND
68	Sub-Slab-M	02/21/12	62	5
68	Sub-slab	8/14/2012	ND	ND
69	Indoor Air	02/23/12	ND	0.48
69	Indoor Air	8/14/2012	ND	0.38
69	Indoor Air Duplicate	8/14/2012	ND	0.38
69	Sub-Slab-M	02/22/12	70	82
69	Sub-slab	8/14/2012	22	100
70	Indoor Air	02/22/12	ND	0.47
70	Indoor Air Duplicate	02/22/12	ND	0.46
70	Indoor Air	8/14/2012	ND	0.84
70	Sub-Slab-M	02/21/12	21	19
70	Sub-slab	8/14/2012	43	42
71	Indoor Air	02/19/13	**1.4**	0.41
72	Indoor Air	10/05/11	**0.49**	0.56
72	Indoor Air	02/21/12	**0.59**	0.49
72	Sub-slab	10/06/11	550	81
72	Sub-Slab-M	02/21/12	837	136
73	Indoor Air	02/19/13	ND	0.22
73	Sub-slab	02/20/13	390	63
74	Indoor Air	02/23/12	0.29	0.53
74	Indoor Air	8/14/2012	**0.49**	3.1
74	Indoor Air	02/19/13	0.40	0.22
74	Sub-Slab	02/22/12	530	96
74	Sub-Slab-M	02/22/12	990	148
74	Sub-Slab-M Duplicate	02/22/12	1000	147
74	Sub-slab	8/14/2012	70	12
74	Sub-slab	02/20/13	530	62
75	Indoor Air	02/21/13	ND	ND
75	Sub-slab	02/21/13	200	45
76	Indoor Air	02/22/12	ND	0.4
76	Indoor Air	8/14/2012	ND	0.18
76	Sub-Slab-M	02/21/12	7	7
76	Sub-slab	8/14/2012	20	26
77	Indoor Air	02/19/13	ND	0.24
77	Sub-slab	02/20/13	150	52
78	Indoor Air	02/19/13	0.37	0.39
78	Sub-slab	02/20/13	150	26
79	Indoor Air	02/19/13	0.13	0.30
79	Sub-slab	02/20/13	45	50
80	Indoor Air	02/21/13	ND	0.62
80	Sub-slab	02/21/13	29	49
81	Indoor Air	02/22/12	0.23	3.7
81	Indoor Air	8/14/2012	0.18	0.6
81	Sub-Slab-M	02/21/12	13	3
81	Sub-slab	8/14/2012	22	8.1
82	Indoor Air	8/14/2012	0.14	3.5
82	Indoor Air	02/21/13	ND	5.4
82	Sub-slab	8/14/2012	10	8.7
82	Sub-slab	8/14/2012	8.5	7.5
82	Sub-slab	02/21/13	7.6	ND
83	Indoor Air	02/23/12	**0.82**	0.54
83	Sub-Slab	02/22/12	270	28
83	Sub-Slab-M	02/22/12	490	39
84	Indoor Air	8/14/2012	ND	ND
84	Indoor Air	02/21/13	ND	ND
84	Sub-slab	8/14/2012	ND	7.5
84	Sub-slab	02/21/13	ND	9.2
85	Indoor Air	02/22/12	**0.45**	0.53
85	Indoor Air	8/14/2012	0.29	1.5
85	Sub-Slab-M	02/21/12	48	14
85	Sub-slab	8/14/2012	13	7.1
86	Indoor Air	10/05/11	ND	ND
86	Indoor Air	02/21/12	ND	0.48
86	Sub-slab	10/06/11	ND	ND
87	Indoor Air	07/25/11	**2.4**	0.66
87	Indoor Air	02/19/13	ND	ND
87	Sub-Slab	07/26/11	8.8	8.1
87	Sub-slab	02/20/13	ND	ND
88	Indoor Air	8/14/2012	0.27	0.67
88	Indoor Air	02/19/13	0.31	0.25
88	Sub-slab	8/14/2012	270	10
88	Sub-slab	02/20/13	53	ND
89	Indoor Air	8/14/2012	**0.86**	0.44
89	Indoor Air - EPA	8/14/2012	**0.44**	0.24
89	Indoor Air	02/21/13	0.41	0.46
89	Indoor Air - EPA	02/21/13	0.28	ND
89	Sub-slab	8/14/2012	520	91
89	Sub-slab - EPA	8/14/2012	560	20
89	Sub-slab	02/21/13	500	11
90	Indoor Air	10/05/11	**0.89**	0.18
90	Indoor Air	02/20/13	**1.2**	ND
90	Sub-slab	10/06/11	1400	19
90	Sub-slab Duplicate	10/06/11	1400	23
90	Sub-slab	02/20/13	1200	18
90	Sub-slab Duplicate	02/20/13	1100	17
91	Indoor Air	8/14/2012	**2.8**	0.3
91	Indoor Air	02/19/13	**0.99**	0.86
91	Sub-slab	8/14/2012	380	14
91	Sub-slab	02/20/13	320	39
92	Indoor Air	07/25/11	**3.8**	0.30
92	Indoor Air - EPA	07/26/11	**3.7**	0.35
92	Indoor Air	02/19/13	0.23	1.4
92	Sub-Slab	07/26/11	180	8.7
92	Sub-Slab - EPA	07/26/11	200	7
92	Sub-slab	02/20/13	120	ND
93	Indoor Air	8/14/2012	ND	0.71
93	Indoor Air	02/21/13	ND	ND
93	Indoor Air - EPA	02/21/13	ND	ND
93	Sub-slab	8/14/2012	ND	ND
93	Sub-Slab	2/21/2013	ND	ND
93	Sub-slab - EPA	02/21/13	ND	ND
94	Indoor Air	07/25/11	0.22	2.7
94	Indoor Air	02/22/12	ND	0.37
94	Sub-Slab	07/26/11	160	12
95	Indoor Air	07/25/11	0.26	0.26
95	Indoor Air Duplicate	07/25/11	0.20	0.23
95	Indoor Air - EPA	07/26/11	0.23	0.28
95	Indoor Air	02/21/12	ND	0.48
95	Indoor Air Duplicate	02/21/12	ND	0.45
95	Sub-Slab	07/26/11	130	ND
95	Sub-Slab - EPA	07/26/11	100	ND
96	Indoor Air	07/26/11	0.23	0.92
96	Indoor Air	02/21/12	0.30	0.28
96	Sub-Slab	07/26/11	180	11
97	Indoor Air	02/22/12	**0.55**	0.53
97	Indoor Air	8/15/2012	**0.62**	1.1
97	Sub-Slab	02/21/12	550	29
97	Sub-Slab-M	02/21/12	723	33
97	Sub-slab	8/14/2012	190	15
98	Indoor Air	10/05/11	0.18	0.55
98	Indoor Air	02/21/12	ND	0.47
98	Sub-slab	10/06/11	260	21
98	Sub-Slab	02/21/12	200	20
98	Sub-Slab-F Duplicate	02/21/12	200	21
98	Sub-Slab-M	02/21/12	375	28

Residential Location	Sample Type	Sample Date	Trichloroethene (TCE)	Tetrachloroethene (PCE)
99	Indoor Air	02/24/12	0.34	0.71
99	Indoor Air	8/14/2012	0.22	0.29
99	Indoor AirDuplicate	8/14/2012	0.16	0.26
99	Sub-Slab	02/22/12	180	18
99	Sub-Slab-M	02/22/12	672	28
99	Sub-slab	8/15/2012	39	ND
100	Sub-Slab-M	02/21/12	68	5
101	Indoor Air	10/05/11	0.31	0.35
101	Sub-slab	10/06/11	360	21
102	Indoor Air	02/22/12	**0.75**	0.99
102	Indoor Air	8/14/2012	**0.85**	2.8
102	Sub-Slab-M	02/21/12	71	15
102	Sub-slab	8/14/2012	65	23
103	Indoor Air	02/22/12	ND	0.31
103	Indoor Air	8/14/2012	ND	ND
103	Sub-Slab-M	02/21/12	5	4
103	Sub-slab	8/14/2012	ND	ND
104	Indoor Air	02/22/12	ND	0.6
104	Indoor Air	8/14/2012	ND	0.21
104	Sub-Slab-M	02/21/12	3	5
104	Sub-slab	8/14/2012	6.3	15
105	Indoor Air	02/22/12	ND	0.41
105	Indoor Air	8/14/2012	ND	0.68
105	Sub-Slab-M	02/21/12	25	4
105	Sub-slab	8/14/2012	20	10
106	Indoor Air	02/22/12	ND	0.38
106	Indoor Air	8/14/2012	ND	ND
106	Sub-Slab-M	02/21/12	10	3
106	Sub-slab	8/14/2012	ND	ND
107	Indoor Air	02/22/12	0.14	0.54
107	Indoor Air Duplicate	02/22/12	0.15	0.56
107	Indoor Air	8/14/2012	0.2	0.69
107	Sub-Slab-M	02/21/12	7	2
107	Sub-slab	8/15/2012	11	ND
108	Indoor Air	02/20/13	ND	0.27
108	Sub-slab	02/20/13	ND	ND
109	Indoor Air	02/20/13	ND	0.17
109	Sub-slab	02/20/13	6.6	ND
110	Indoor Air	02/20/13	0.26	0.29
110	Sub-slab	02/20/13	6.9	ND
111	Indoor Air	02/20/13	ND	0.23
111	Sub-slab	02/20/13	66	17
112	Indoor Air	02/20/13	**0.45**	3.9
112	Indoor Air Duplicate	02/20/13	0.19	0.20
112	Indoor Air - EPA	02/20/13	0.18	ND
112	Sub-slab	02/20/13	88	15
112	Sub-slab - EPA	02/20/13	100	20
113	Indoor Air	02/20/13	ND	0.23
113	Sub-slab	02/20/13	23	11
114	Indoor Air	02/20/13	ND	0.35
114	Sub-slab	02/20/13	ND	ND
School Location	**Sample Type**	**Sample Date**	**Trichloroethene**	**Tetrachloroethene**
115	Indoor Air	10/05/11	ND	ND
115	Indoor Air	10/05/11	ND	ND
115	Indoor Air	10/05/11	ND	ND
115	Indoor Air	10/05/11	ND	ND
115	Indoor Air - EPA	10/05/11	ND	ND
115	Indoor Air	10/05/11	ND	0.23
115	Indoor Air	10/05/11	ND	ND
115	Indoor Air	10/05/11	ND	ND
115	Indoor Air	10/05/11	ND	0.23
115	Indoor Air	10/05/11	ND	0.72
115	Indoor Air	02/21/12	**0.55**	0.66
115	Indoor Air	02/21/12	ND	0.29
115	Indoor Air	02/21/12	0.22	0.43
115	Indoor Air	02/21/12	ND	0.29
115	Indoor Air	02/21/12	0.14	0.31
115	Indoor Air	02/21/12	ND	0.23
115	Indoor Air	02/21/12	ND	0.29
115	Indoor Air	02/21/12	ND	0.3
115	Indoor Air	02/21/12	ND	0.46
115	Indoor Air - EPA	02/21/12	ND	0.31
116	Indoor Air	8/15/2012	ND	0.34
116	Indoor Air	02/19/13	0.27	0.29
117	Indoor Air	10/05/11	0.16	1.3
117	Indoor Air	10/05/11	ND	ND
117	Indoor Air	10/05/11	ND	ND
117	Indoor Air	10/05/11	ND	0.29
117	Indoor Air - EPA	10/05/11	ND	ND
117	Indoor Air	02/21/12	0.15	0.38
117	Indoor Air	02/21/12	ND	0.35
117	Indoor Air	02/21/12	0.15	0.32
117	Indoor Air	02/21/12	0.19	0.34
117	Indoor Air - EPA	02/21/12	0.13	0.37
118	Indoor Air	07/17/12	ND	ND
118	Indoor Air	02/19/13	ND	0.24
118	Indoor Air	07/17/12	ND	ND
118	Indoor Air - EPA	07/17/12	ND	ND
118	Indoor Air	02/19/13	0.14	0.99
118	Indoor Air	07/17/12	ND	ND
118	Indoor Air	02/19/13	ND	0.22
118	Indoor Air	07/17/12	**0.58**	1.7
118	Indoor Air	8/14/2012	ND	ND
118	Indoor Air - EPA	8/14/2012	ND	ND
118	Indoor Air	02/19/13	ND	ND
118	Indoor Air Duplicate	02/19/13	ND	0.24
118	Indoor Air	07/17/12	ND	ND
118	Indoor Air - EPA	07/17/12	ND	ND
118	Indoor Air	02/19/13	ND	0.19
118	Indoor Air	07/17/12	ND	ND
118	Indoor Air	02/19/13	ND	0.21
118	Indoor Air	02/19/13	ND	0.23
Commercial Location	**Sample Type**	**Sample Date**	**Trichloroethene**	**Tetrachloroethene**
4	Indoor Air	10/05/11	**8.3**	0.37
4	Indoor Air	10/05/11	**8.6**	1.1
5	Indoor Air	07/26/11	2.2	ND
5	Indoor Air	07/26/11	0.71	ND
5	Indoor Air	07/26/11	1.0	ND
5	Indoor Air	02/21/12	2.7	0.84
5	Indoor Air Duplicate	02/21/12	2.7	0.88
5	Indoor Air	02/21/12	1.7	0.64
5	Indoor Air	02/21/12	2.3	0.88
5	Indoor Air	02/21/12	0.15	0.74
6	Indoor Air	10/05/11	1.7	4.4
6	Indoor Air	10/05/11	1.6	0.17
6	Indoor Air	02/23/12	0.6	0.61
7	Indoor Air	07/17/12	ND	0.51
7	Indoor Air Duplicate	07/17/12	ND	0.51
7	Indoor Air	07/17/12	ND	ND
7	Indoor Air	07/17/12	0.22	1.7
7	Indoor Air - EPA	07/17/12	ND	0.33
7	Indoor Air	02/19/13	ND	0.28
7	Indoor Air	02/18/13	0.34	0.46
7	Indoor Air	02/19/13	0.33	0.47
Outdoor Air Location				
41	Outdoor Air	07/25/11	0.14	0.23
42	Outdoor Air	07/25/11	ND	0.21
43	Outdoor Air	07/26/11	ND	ND
44	Outdoor Air	10/05/11	0.15	0.37
45	Outdoor Air	02/21/12	ND	0.56
46	Outdoor Air	02/22/12	ND	0.37
47	Outdoor Air	02/22/12	ND	0.27
48	Outdoor Air	02/23/12	ND	0.41
49	Outdoor Air	8/14/2012	ND	0.67
50	Outdoor Air	8/14/2012	ND	ND
51	Outdoor Air	8/14/2012	ND	ND
52	Outdoor Air	02/20/13	ND	ND
53	Outdoor Air	02/21/13	ND	ND
54	Outdoor Air	07/25/11	ND	0.18
55	Outdoor Air	10/05/11	ND	ND
56	Outdoor Air	02/21/12	ND	0.4
57	Outdoor Air	07/17/12	ND	ND
58	Outdoor Air	8/15/2012	ND	ND
59	Outdoor Air	02/19/13	ND	0.21

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.

	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