

Soil Gas Detections,
Water Valley, MS
February 24, 2016

	<i>1,1-Dichloroethane</i>	<i>1,1-Dichloroethene</i>	<i>1,1,1-Trichloroethane</i>	<i>1,1,2-Trichloroethane</i>	<i>1,1,2,2-Tetrachloroethane</i>	<i>1,2-Dichloroethane</i>	<i>Carbon Tetrachloride</i>	<i>Cis 1,2-Dichloroethene</i>	<i>Tetrachloroethene (PCE)</i>	<i>trans 1,2-Dichloroethene</i>	<i>Trichloroethene (TCE)</i>	<i>Vinyl Chloride</i>
Residential RSL (µg/m3)	58	7000	175000	5.8	1.6	3.6	16	-----	360	-----	16	5.6

Location

SG001	0.0067	0.33	0.006	0.013	0.014	0.0064	0.47	0.0091	0.4	0.015	0.0096	0.011
SG002	0.0067	0.33	0.006	0.013	0.014	0.07	0.47	0.0091	0.66	0.015	0.061	0.011
SG003	0.0067	0.33	0.006	0.013	0.014	0.0064	0.46	0.0091	0.21	0.015	0.0096	0.011
SG004	0.1700	0.33	0.006	0.013	0.014	0.0064	0.013	0.0091	0.61	0.015	0.0096	0.011
SG005	0.0730	0.35	0.0065	0.013	0.067	0.0069	0.014	0.0098	0.98	0.016	0.01	0.011
SG006	0.1300	0.69	0.013	0.026	0.24	0.12	0.33	0.019	1.1	0.03	0.2	0.08
SG007	0.0072	0.35	0.0065	0.013	0.015	0.0069	0.34	0.0098	6.6	0.016	0.1	0.011
SG008	0.0067	0.33	0.006	0.013	0.014	0.061	0.44	0.0091	0.94	0.015	0.09	0.011
SG009	0.0690	0.34	0.0063	0.013	0.59	0.0066	0.42	0.0095	0.33	0.015	0.01	0.011
SG010	0.0072	0.35	0.0065	0.013	0.015	0.0069	0.38	0.0098	0.56	0.016	0.01	0.011
SG010 (duplicate)	0.0064	0.32	0.0058	0.012	0.013	0.055	0.2	0.0088	0.51	0.014	0.19	0.01
SG011	0.0077	0.38	0.007	0.015	0.016	0.0074	0.015	0.011	0.92	0.017	0.047	0.012
SG012	0.0072	0.35	0.0065	0.013	0.015	0.0069	0.014	0.0098	1.8	0.016	0.07	0.011
SG013	0.0069	0.34	0.0063	0.013	0.014	0.0066	0.014	0.0095	0.88	0.015	0.29	0.011
SG014	0.0081	0.4	0.0073	0.015	0.017	0.0077	0.016	0.011	0.91	0.018	0.059	0.013
SG015	0.0081	0.4	0.0073	0.015	0.082	0.085	0.55	0.011	3.6	0.018	0.12	0.013
SG016	0.1200	0.38	0.11	0.015	0.13	0.22	0.78	0.011	2	0.017	0.11	0.012
SG017	0.0077	0.38	0.007	0.015	0.016	0.0074	0.015	0.011	1.2	0.017	0.011	0.012
SG018	0.1900	0.38	0.007	0.015	0.086	0.0074	0.52	0.011	1.2	0.017	0.24	0.054
SG019	0.0072	0.35	0.0065	0.013	0.015	0.0069	0.19 J	0.0098	0.82	0.016	0.33	0.011
SG020	0.0072	0.35	0.0065	0.013	0.015	0.0069	0.016	0.0098	1.4	0.016	0.01	0.011
SG022	0.0077	0.38	0.007	0.015	0.016	3.1	0.8 J	0.011	0.54	0.017	0.2	0.012
SG023	0.16	0.37	0.0067	0.014	0.015	0.16	0.71 J	0.01	1.1	0.016	0.42	0.012
SG024	0.0075	0.37	0.0067	0.014	0.015	0.21	0.52 J	0.79	0.61	0.016	0.15	0.012

Non-detection - number reported is the lab detection limit

"J" - Estimated Detection

Residential RSLs come from the US EPA Vapor Intrusion Screening Level (VISL) Calculator, Version 3.4, November 2015 RSLs

Residential exposure means acceptable level for an individual that lives in the home 24 hours per day, 350 days per year for 70 years.