

Soil Gas Detections Water Valley, MS
August 16, 18, and 19, 2016

	1,1-Dichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichloroethane	Carbon Tetrachloride	Cis 1,2-Dichloroethene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl Chloride
Residential RSL (µg/m3)	58	1.6	3.6	16	---	360	16	5.6

Location

SG001-08182016	4.1	7	4.1	6.4	4	13	5.5	2.6
SG002-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG003-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG004-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG005-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG006-08182016	4.1	7	4.1	6.4	4	30	8.5	2.6
SG007-08182016	4.1	7	4.1	6.4	4	13	5.5	2.6
SG008-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG009-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG010-08182016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SG011-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG012-08182016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SG013-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG014-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG015-08182016	4.1	7	4.1	6.4	4	7.6	5.5	2.6
SG016-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG017-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG018-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG019-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG020-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG022-08192016	4.1	7	4.1	6.4	4	6.9	630	2.6
SG023-08192016	4.1	7	4.1	6.4	4	6.9	92	2.6
SG024-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG025-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG026-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG027-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG028-08182016	4.1	7	4.1	6.4	4	11	5.5	2.6
SG029-08182016	4.1	7	4.1	6.4	4	49	5.5	2.6
SG030-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG031-08182016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG032-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG033-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG034-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG035-08192016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SG036-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG037-08192016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SG038-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG039-08192016	4.1	7	4.1	6.4	4	14	5.5	2.6
SG040-08192016	4.1	7	4.1	6.4	4	20	5.5	2.6
SG041-08192016	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG042-08192016	4.1	7	4.1	6.4	4	6.9	530	2.6
SG043-08192016	4.1	7	4.1	6.4	17	11	430	2.6
SG050-08182016 (Dup of SG016-08182016)	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG051-08182016 (Dup of SG031-08182016)	4.1	7	4.1	6.4	4	6.9	5.5	2.6
SG052-08192016 (Dup of SG042-08192016)	4.1	7	4.1	6.4	4	6.9	600	2.6

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.

"N/A" - Not Analyzed due to water

Non-detection - value reported is the laboratory detection limit