

**TABLE: SELECTED ANALYTICAL RESULTS FOR WATER SAMPLES COLLECTED SEPTEMBER 17-19, 2019  
CLAYTON CLEANERS SITE, ST. LOUIS COUNTY, MISSOURI**

- All values listed in parts per billion (ug/l) unless otherwise noted. Temperature in °C.
- NL denotes benchmark value not listed in reference source.
- < indicates value below the method detection limit (MDL)
- -- denotes benchmark not applicable

- Sample results in shaded cells exceed the relevant EPA VISL (commercial vs. residential)
- (~) denotes an estimated value, QC data biased high
- (d) indicates sample was diluted during analysis
- ft bgs - feet below ground surface

Loc ID	100	100	100	100	100	100	100	101						
Sample Tag Number	192772	192773	192774	192775	192793	192795	192797	192780	192771	SCDM MCL <sup>1</sup>	EPA RML <sup>2</sup>	EPA RSL <sup>3</sup>	EPA VISL <sup>4</sup> commercial	EPA VISL <sup>4</sup> residential
Date Collected	09/17/19	09/17/19	09/17/19	09/17/19	09/19/19	09/19/19	09/19/19	09/17/19	09/17/19					
Sample ID	MW-09	Blind Dup	MW-14	MW-07A	MW-06B	MW-15	MW-16	SW-01	Trip blank					
Screened interval (ft bgs)	4.6 - 19.6	4.6 - 19.6	5.0 - 20.0	23.1 - 28.1	5.0 - 20.0	5.0 - 20.0	5.0 - 20.0							
Depth to water (ft bgs)	6.0	6.0	4.0	0.0	2.4	8.1	4.3							
Laboratory Number	AD56498	AD56499	AD56500	AD56501	AD56503	AD56504	AD56505	AD56502	AD56497					
<b>Water Quality Indicators</b>														
Field Temperature	20.9	NA	21.3	22.9	22.8	20.0	22.2			--	--	--	--	--
pH	6.3	NA	6.37	6.43	6.53	6.34	6.12			--	--	--	--	--
Specific Conductivity, umhos/cm	2,024.0	NA	2,490.0	4,227.0	1,508.0	1,324.0	2,800.0			--	--	--	--	--
<b>Volatile Organic Compounds (VOCs)</b>														
1,1-Dichloroethene	1.47	1.45	<1	<1	50.4	<10	139.0	<1	<1	7	280	280	821	195
1,2-Dichloroethane	<1	<1	<1	<1	<10	<10	4.05	<1	<1	5	13	0.17	9.78	2.24
Acetone	<20	<20	<20	<20	<200	<200	73.5 (~)	<20	<20	NL	14,000	14,100	94,500,000	22,500,000
Benzene	<1	<1	<1	<1	<10	<10	4.98	<1	<1	5	33	0.46	6.93	1.59
Chlorobenzene	<1	<1	<1	<1	<10	<10	8.24	<1	<1	100	78	78	1,720	410
cis-1,2-Dichloroethene	1,170.0	1,250.0	<1	119.0	19,600.0	3,520.0 (d)	9,820.0 (d)	<1	<1	70	36	36	NL	NL
Methyl-t-butyl ether	<1	<1	<1	<1	<10	<10	261.0	<1	<1	--	1,400	14	1,970	450
Tetrachloroethene (PCE)	46.0 (~)	42.3 (~)	6.23 (~)	4.75 (~)	5,420.0 (~,d)	409.0 (d)	5,940.0 (~,d)	3.65 (~)	<1	5	41	11	65.2	14.9
Toluene	<1	<1	<1	<1	<10	<10	8.91	<1	<1	1000	1,100	1,103	80,700	19,200
trans-1,2-Dichloroethene	28.6	28.5	<1	<1	94.4	51.5 (d)	97.3	<1	<1	100	360	360	NL	NL
Trichloroethene (TCE)	148.0	147.0	1.09	1.55	29,800.0	<10	3,280.0 (d)	<1	<1	5	2.8	0.49	7.43	1.19
Vinyl Chloride	8.37 (~)	6.93 (~)	<1	<1	22.2 (~,d)	<10	217.0 (~)	<1	<1	2	1.9	0.02	2.45	0.147
1,2-Dichloropropane	<1	<1	<1	<1	<10	<10	6.3	<1	<1	5	8.2	8.25	28.7	6.58
Trichlorofluoromethane	<5	<5	<5	<5	<50	351.0 (d)	<5	<5	<5	--	5,200	5,160	NL	NL

<sup>1</sup>SCDM - Superfund Chemical Data Matrix, Maximum Contaminant Level (MCL) for drinking water, January 30, 2014. Risk level 10<sup>-6</sup>, hazard quotient =1.

<sup>2</sup>EPA RML - EPA Removal Management Levels tap water, May 2019. Lowest of carcinogenic and non-carcinogenic value. Risk level 10<sup>-4</sup>, hazard quotient = 1.

<sup>3</sup>EPA RSL - EPA Regional Screening Levels tap water, April 2019. Lowest of carcinogenic and non-carcinogenic value. Risk level 10<sup>-6</sup>, hazard quotient =1.

<sup>4</sup>EPA VISL - EPA Vapor Intrusion Screening Levels for Subslab vapor/Soil gas December 2018. Lowest of carcinogenic and non-carcinogenic value. Risk level 10<sup>-6</sup>, hazard quotient =1.