



UNREGULATED CONTAMINANTS ASSESSMENT MONITORING

UNREGULATED CONTAMINANTS ASSESSMENT MONITORING: METALS, PESTICIDES, ALCOHOLS, SVOCs

Results from Cosme Water Treatment Plant

CONTAMINANT AND UNIT OF MEASUREMENT	SAMPLING DATE (MONTH/YEAR)	LEVEL DETECTED (AVERAGE)	RANGE OF RESULTS	LIKELY SOURCE OF CONTAMINATION
Manganese (ppb)	05/2019,	1.25 1.10 1.2	ND-2.50 0.76-1.43 1.14-1.2	Naturally-occurring element; commercially available in combination with other elements and minerals; used in steel production, fertilizer, batteries and fireworks; drinking water and wastewater treatment chemical; essential nutrient
	07/2019			
	11/2019,			
	01/2020			
	02/2020, 04/2020			

UNREGULATED CONTAMINANTS ASSESSMENT MONITORING: HAA GROUPS

12 Sites in the City of St. Petersburg Distribution System. Find more information [here](#).

CONTAMINANT AND UNIT OF MEASUREMENT	SAMPLING DATE (MONTH/YEAR)	LEVEL DETECTED (AVERAGE)	RANGE OF RESULTS	LIKELY SOURCE OF CONTAMINATION
HAA5 (ppb)	04/2019,	17 20 22 13	15-19 16-23 16-30 7-20	By-product of drinking water disinfection
	05/2019			
	7/2019, 9/2019			
	10/2019,			
	11/2019 1/2020, 2/2020			
HAA6Br (ppb)	04/2019,	6.2 7.1 7.6 6.1	5.1-7.3 5.2-8.7 4.8-9.8 3.4 - 8.8	By-product of drinking water disinfection
	05/2019			
	7/2019, 9/2019			
	10/2019,			
	11/2019 1/2020, 2/2020			
HAA9 (ppb)	04/2019,	22 25 28 18	19-23 21-30 22-36 10 - 27	By-product of drinking water disinfection
	05/2019			
	7/2019, 9/2019			
	10/2019,			
	11/2019 1/2020, 2/2020			

ppb (parts per billion) or µg/L (micrograms per Liter) – one part by weight of analyte to 1 billion parts by weight of the water sample.

ND – means not detected and indicates that the substance was not found by laboratory analysis or is below the regulatory detection limit established by the EPA for that substance.