

Unregulated Contaminant Monitoring Rule 4 (UCMR4) Assessment Monitoring Contaminants

Unregulated contaminants are those that don't yet have a drinking water standard set by USEPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard.

Contaminant	SE1 May 7, 2019	SE2 Aug. 19, 2019	SE3 Nov. 18, 2019	SE4 Feb. 18, 2020	Unit of Measure	Likely Source of Contamination
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Metals

Germanium	ND*	ND*	ND*	ND*	PPB	Naturally-occurring element; commercially available in combination with other elements and minerals; a byproduct of zinc ore processing; used in infrared optics; fiber-optic systems, electronics and solar applications
Manganese	ND*	ND*	ND*	ND*	PPB	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

Pesticides and Pesticides Manufacturing Byproducts

alpha-Hexachlorocyclohexane	ND*	ND*	ND*	ND*	PPB	Component of benzene hexachloride (BHC); formerly used as an insecticide
Chlorpyrifos	ND*	ND*	ND*	ND*	PPB	Organophosphate; used as an insecticide, acaricide and miticide
Dimethipin	ND*	ND*	ND*	ND*	PPB	Used as an herbicide and plant growth regulator
Ethoprop	ND*	ND*	ND*	ND*	PPB	Used as an insecticide
Oxyfluorfen	ND*	ND*	ND*	ND*	PPB	Used as an herbicide
Profenofos	ND*	ND*	ND*	ND*	PPB	Used as an insecticide and acaricide
Tebuconazole	ND*	ND*	ND*	ND*	PPB	Used as a fungicide
Total Permethrin (cis & trans)	ND*	ND*	ND*	ND*	PPB	Used as an insecticide
Tribufos	ND*	ND*	ND*	ND*	PPB	Used as an insecticide and cotton defoliant

Alcohols

1-Butanol	ND*	ND*	ND*	ND*	PPB	Used as a solvent, food additive and production of other chemicals
2-Methoxyethanol	ND*	ND*	ND*	ND*	PPB	Used in a number of consumer products, such as synthetic cosmetics, perfumes, fragrances, hair preparations and skin lotions

2-Propen-1-ol	ND*	ND*	ND*	ND*	PPB	Used in the production of flavorings, perfumes and other chemicals
Butylated hydroxyanisole	ND*	ND*	ND*	ND*	PPB	Used as a food additive
o-Toluidine	ND*	ND*	ND*	ND*	PPB	Use in production of dyes, rubber, pharmaceuticals and pesticides
Quinoline	ND*	ND*	ND*	ND*	PPB	Used as a pharmaceutical (anti-malarial) and flavoring agent; produced as a chemical intermediate; component of coal

HAA Groups

HAA6Br**	13.6 (12.1-13.4)	19.8 (14.0-27.5)	9.2 (7.9-10.9)	17.8 (14.8-18.8)	PPB	Monobromoacetic acid, Dibromoacetic acid, Bromochloroacetic acid, Bromodichloroacetic acid, Chlorodibromoacetic acid, Tribromoacetic acid
HAA9**	84.3 (55.9-91.4)	87.8 (61.9-106.3)	49.0 (41.7-58.4)	48.4 (35.9-69.9)	PPB	Dichloroacetic acid, Monochloroacetic acid, Trichloroacetic acid, Monobromoacetic acid, Dibromoacetic acid, Bromochloroacetic acid, Bromodichloroacetic acid, Chlorodibromoacetic acid, Tribromoacetic acid

ND* = Not Detected

PPB = microgram per liter

**Average and range of eight distribution sampling locations

UCMR4 quarterly sampling events scheduled for (SE1, SE2, SE3, SE4) May 2019, August 2019, November 2019 and February 2020.