

Table of Detected Contaminants

OCWA's Unregulated Contaminant Monitoring Rule 3 (UCMR3) Sampling

OCWA customers may receive water originating from one of three different sources; Otisco Lake, Lake Ontario, or Skaneateles Lake. Entry points of these source waters into the OCWA system were sampled as well as the Maximum Residence points for these sites.

Unregulated Contaminants Detected During Testing

Contaminant	Water Source	Date of Sampling	Average Level found (range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Chlorate	Otisco entry point	Jan, Apr, Jul 2015	102 (43 -210)	ug/l	N/A	N/A	Agricultural defoliant or desiccant; disinfection byproduct; and used in production of chlorine dioxide
	Ontario entry point	Jan, Apr, Jul 2015	183 (33-94)	ug/l	N/A	N/A	
	Skaneateles entry point	Jan, Apr, Jul 2015	78 (60-99)	ug/l	N/A	N/A	
	Otisco Max. Res.	Jan, Apr, Jul 2015	133 (39-300)	ug/l	N/A	N/A	
	Ontario Max. Res.	Jan, Apr, Jul 2015	57 (53-58)	ug/l	N/A	N/A	
	Skaneateles Max. Res.	Jan, Apr, Jul 2015	72 (53-95)	ug/l	N/A	N/A	
Chromium-6	Otisco entry point	Jan, Apr, Jul 2015	0.03 (nd-0.03)	ug/l	N/A	N/A	Naturally-occurring element; used in making steel and other alloys; chromium-3 or -6 forms are used for chrome plating, dyes and pigments, leather tanning, and wood preservation
	Ontario entry point	Jan, Apr, Jul 2015	0.09 (0.08-0.11)	ug/l	N/A	N/A	
	Skaneateles entry point	Jan, Apr, Jul 2015	0.04 (0.03-0.05)	ug/l	N/A	N/A	
	Otisco Max. Res.	Jan, Apr, Jul 2015	0.06 (nd-0.07)	ug/l	N/A	N/A	
	Ontario Max. Res.	Jan, Apr, Jul 2015	0.10 (0.09-0.12)	ug/l	N/A	N/A	
	Skaneateles Max. Res.	Jan, Apr, Jul 2015	0.04 (0.04-0.05)	ug/l	N/A	N/A	

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Molybdenum	Ontario entry point	Jan, Apr, Jul 2015	1.1 (1.1-1.2)	ug/l	N/A	N/A	Naturally-occurring element found in ores and present in plants, animals and bacteria; commonly used form molybdenum trioxide used as a chemical reagent
	Ontario Max. Res.	Jan, Apr, Jul 2015	1.2 (1.1-1.2)	ug/l	N/A	N/A	
Strontium	Otisco entry point	Jan, Apr, Jul 2015	123 (120-130)	ug/l	N/A	N/A	Naturally-occurring element; historically, commercial use of strontium has been in the faceplate glass of cathode-ray tube televisions to block x-ray emissions
	Ontario entry point	Jan, Apr, Jul 2015	167 (160-170)	ug/l	N/A	N/A	
	Skaneateles entry point	Jan, Apr, Jul 2015	82 (79-85)	ug/l	N/A	N/A	
	Otisco Max. Res.	Jan, Apr, Jul 2015	127 (120-130)	ug/l	N/A	N/A	
	Ontario Max. Res.	Jan, Apr, Jul 2015	183 (180-190)	ug/l	N/A	N/A	
	Skaneateles Max. Res.	Jan, Apr, Jul 2015	85 (81-88)	ug/l	N/A	N/A	
Vanadium	Otisco Max. Res.	Jan, Apr, Jul 2015	0.2 (nd-0.3)	ug/l	N/A	N/A	Naturally-occurring elemental metal; used as vanadium pentoxide which is a chemical intermediate and a catalyst
	Ontario Max. Res.	Jan, Apr, Jul 2015	0.2 (nd-0.3)	ug/l	N/A	N/A	

Unregulated Contaminants Not Detected During Testing

In 2015, the Onondaga County Water Authority was required to collect and analyze drinking water samples for unregulated contaminants. The following contaminants were tested for but not detected; 1,2,3-trichloropropane, 1,3-butadiene, chloromethane (methyl chloride), Chromium, 1,1-dichloroethane, bromomethane (methyl bromide), chloromethane (methyl chloride), 1,1-dichloroethane, chlorodifluoromethane (HCFC-22), bromochloromethane (halon 1011), 1,4-dioxane, cobalt, perfluorooctanesulfonate acid (PFOS), perfluorooctanoic acid (PFOA), perfluorononanoic acid (PFNA), perfluorohexanesulfonic acid (PFHxS), perfluoroheptanoic acid (PFHpA), perfluorobutanesulfonic acid (PFBS), 4-androstene-3,17-dione, 17- β -estradiol, 17- α -ethynylestradiol (ethinyl estradiol), 16- α -hydroxyestradiol (estriol), equilin, estrone, testosterone.