

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(s) 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 by product; 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 and -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 | |

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

Unregulated Contaminants Detected During Testing

| Contaminant | Water Source | Date(s) of Sampling | Average Level found (Range) | Units Measured | MCLG | Regulatory Limit (MCL, TT, or AL) | Likely Source of Contamination |
|-------------|-------------------------|---------------------|-----------------------------|----------------|------|-----------------------------------|--|
| 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.