

Enhanced Monitoring for Hexavalent Chromium (Chromium-6) Dept. of Water Management, City of Chicago

Quarterly Monitoring for Chromium-6 in Drinking Water

Year 2019

Regulatory Status: The Maximum Contaminant Limit for Total Chromium is 100µg/L, but no separate Federal standard for Chromium-6 has yet been established.

Method: USEPA Method 218.7

Labs: EMT, INC.; Eurofins Eaton Analytical, Subcontractor

All results in µg/L Q1/MRL = 0.02 Q2/MRL = 0.02 Q3/MRL = 0.02 Q4/MRL = 0.02

MRL = Minimum Reporting Limit

ND = Not Detected (less than MRL)

Sample Location	Q1, 2019 Sample Date: 3/13/2019	Q2, 2019 Sample Date: 6/5/2019	Q3, 2019 Sample Date: 9/18/2019	Q4, 2019 Sample Date: 12/26/2019
Field Reagent Blank	<0.02	<0.02	<0.02	0.08
JWPP Crib - Tap	0.18	0.19	0.21	0.22
JWPP Shore - Tap	0.18	0.14	0.18	0.20
JWPP North Outlet	0.17	0.16	0.16	0.21
JWPP Central Outlet	0.18	0.16	0.18	0.21
Distribution-1	0.17	0.16	0.18	0.19
Distribution-2	0.19	0.17	0.19	0.23
Distribution-3	0.19	0.18	0.19	0.23
Distribution-4	0.19	0.18	0.20	0.22
Distribution-5	0.19	0.18	0.19	0.20
SWPP Crib - Tap	0.19	0.17	0.17	0.20
SWPP Shore - Tap	0.18	0.15	0.17	0.23
SWPP 73rd Outlet	0.19	0.17	0.16	0.25
SWPP 79th Outlet	0.18	0.15	0.16	0.24
Distribution-6	0.18	0.21	0.18	0.20
Distribution-7	0.18	0.17	0.17	0.21
Distribution-8	0.18	0.16	0.17	0.20
Distribution-9	0.17	0.17	0.18	0.21
Distribution-10	0.18	0.19	0.21	0.19