

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

Quarterly Monitoring for Chromium-6 in Drinking Water

Year 2021

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 = 0.020 Q4/MRL = 0.020

MRL = Minimum Reporting Limit

ND = Not Detected (less than MRL)

Sample Location	Q1, 2021 Sample Date: 3/24/2021	Q2, 2021 Sample Date: 6/29/2021	Q3, 2021 Sample Date: 9/27/2021	Q4, 2021 Sample Date: 12/15/2021
Field Reagent Blank	0.21	<0.02	<0.020	<0.020
JWPP Crib - Tap	0.31	0.17	0.12	0.13
JWPP Shore - Tap	0.29	0.15	0.092	0.11
JWPP North Outlet	0.33	0.16	0.11	0.12
JWPP Central Outlet	0.33	0.16	0.10	0.13
Distribution-1	0.41	0.16	0.14	0.13
Distribution-2	0.30	0.17	0.13	0.13
Distribution-3	0.39	0.16	0.12	NS
Distribution-4	0.36	0.16	0.12	0.13
Distribution-5	0.36	0.17	0.12	0.13
SWPP Crib - Tap	0.38	0.16	0.12	0.14
SWPP Shore - Tap	0.30	0.15	0.056	0.098
SWPP 73rd Outlet	0.30	0.16	0.12	0.13
SWPP 79th Outlet	0.35	0.16	0.12	0.14
Distribution-6	0.33	0.17	0.13	0.13
Distribution-7	0.33	0.17	0.14	0.13
Distribution-8	0.39	0.16	0.12	0.13
Distribution-9	0.33	0.17	0.13	0.13
Distribution-10	0.28	0.17	0.13	NS

NS - No Sample; site not accessible