

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

Quarterly Monitoring for Chromium-6 in Drinking Water

Year 2023

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

Sterling Labs, Contractor

Eurofins Eaton Analytical, Subcontractor

All results in µg/L **Q1/MRL = 0.020**

Q2/MRL = 0.020

Q3/MRL = 0.020

Q4/MRL = 0.020

MRL = Minimum Reporting Limit

ND = Not Detected (less than MRL)

Sample Location	Q1, 2023 Sample Date: 3/23/2023	Q2, 2023 Sample Date: 6/22/2023	Q3, 2023 Sample Date: 9/26/2023	Q4, 2023 Sample Date: 12/13/2023
Field Reagent Blank	<0.020	<0.020	<0.020	<0.020
JWPP Crib - Tap	0.15	0.14	0.13	0.17
JWPP Shore - Tap	0.14	0.13	0.11	0.12
JWPP North Outlet	0.16	0.14	0.13	0.14
JWPP Central Outlet	0.14	0.14	0.14	0.14
Distribution-1	0.14	0.15	0.14	*NS
Distribution-2	0.16	0.15	0.14	0.13
Distribution-3	0.15	0.16	0.13	0.13
Distribution-4	0.16	0.14	0.13	0.13
Distribution-5	0.14	0.15	0.14	0.14
SWPP Crib - Tap	0.14	0.14	0.13	0.12
SWPP Shore - Tap	0.14	0.13	0.12	0.11
SWPP 73rd Outlet	0.15	0.13	0.14	0.13
SWPP 79th Outlet	0.15	0.14	0.15	0.13
Distribution-6	0.15	0.15	0.14	0.14
Distribution-7	0.15	0.14	0.14	0.14
Distribution-8	0.15	0.14	0.16	0.13
Distribution-9	0.15	0.14	0.14	0.14
Distribution-10	0.16	0.15	0.14	0.14

*NS = No Sample Collected