

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

Labs: EMT, INC.; 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:	Q4, 2023 Sample Date:
Field Reagent Blank	<0.020	<0.020		
JWPP Crib - Tap	0.15	0.14		
JWPP Shore - Tap	0.14	0.13		
JWPP North Outlet	0.16	0.14		
JWPP Central Outlet	0.14	0.14		
Distribution-1	0.14	0.15		
Distribution-2	0.16	0.15		
Distribution-3	0.15	0.16		
Distribution-4	0.16	0.14		
Distribution-5	0.14	0.15		
SWPP Crib - Tap	0.14	0.14		
SWPP Shore - Tap	0.14	0.13		
SWPP 73rd Outlet	0.15	0.13		
SWPP 79th Outlet	0.15	0.14		
Distribution-6	0.15	0.15		
Distribution-7	0.15	0.14		
Distribution-8	0.15	0.14		
Distribution-9	0.15	0.14		
Distribution-10	0.16	0.15		