

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

Quarterly Monitoring for Chromium-6 in Drinking Water

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

All results in µg/L Q1/MRL = 0.05 Q2/MRL = 0.02 Q3/MRL = 0.02 Q4/MRL = 0.02

Sample Location	Q1, 2011 Sample Date: 2/22-23/2011	Q2, 2011 Sample Date: 6/27/2011	Q3, 2011 Sample Date: 9/20/2011	Q4, 2011 Sample Date: 12/13/2011
Field Reagent Blank	ND	ND	ND	ND
JWPP Crib - Tap	0.23	0.21	0.19	0.16
JWPP Shore - Tap	0.17	0.19	0.18	0.14
JWPP North Outlet	0.23	0.20	0.19	0.17
JWPP Central Outlet	0.22	0.22	0.19	0.17
Distribution-1	0.21	0.22	0.19	0.19
Distribution-2	0.20	0.20	0.21	0.19
Distribution-3	0.19	0.21	0.20	0.19
Distribution-4	0.21	0.23	0.19	0.18
Distribution-5	0.22	0.23	0.19	0.19
SWPP Crib - Tap	0.21	0.21	0.20	0.16
SWPP Shore - Tap	0.19	0.19	0.18	0.14
SWPP 73rd Outlet	0.22	0.21	0.20	0.19
SWPP 79th Outlet	0.23	0.22	0.20	0.16
Distribution-6	0.23	0.22	0.18	0.16
Distribution-7	0.22	0.21	0.18	0.14
Distribution-8	0.21	0.21	0.20	0.16
Distribution-9	0.21	0.20	0.20	0.17
Distribution-10	0.20	0.20	0.18	0.17