

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

### Quarterly Monitoring for Chromium-6 in Drinking Water

Year 2016

**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

**All results in µg/L**    Q1/MRL = 0.0500    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, 2016 Sample Date: 3/24/2016	Q2, 2016 Sample Date: 5/17/2016	Q3, 2016 Sample Date: 8/9/2016	Q4, 2016 Sample Date: 12/5/2016
Field Reagent Blank	<0.0500	0.07	0.1	<0.02
JWPP Crib - Tap	0.0890	0.27	0.31	0.16
JWPP Shore - Tap	0.0780	0.26	0.26	0.17
JWPP North Outlet	0.101	0.36	0.26	0.19
JWPP Central Outlet	0.105	0.37	0.27	0.20
Distribution-1	0.0780	0.25	0.26	0.21
Distribution-2	0.0840	0.26	0.27	0.20
Distribution-3	0.0800	0.27	0.27	0.20
Distribution-4	0.0940	0.30	0.27	0.23
Distribution-5	0.0800	0.24	0.26	0.21
SWPP Crib - Tap	0.0750	0.28	0.27	0.19
SWPP Shore - Tap	O/S	0.26	0.31	0.17
SWPP 73rd Outlet	0.0800	0.36	0.26	0.22
SWPP 79th Outlet	0.0800	0.35	0.26	0.19
Distribution-6	0.0710	0.24	0.24	0.21
Distribution-7	0.0620	0.24	0.28	0.21
Distribution-8	0.0800	0.28	0.28	0.22
Distribution-9	0.0680	0.26	0.28	0.21
Distribution-10	0.0650	0.23	0.25	0.18

O/S - Out of Service