

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

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

Year 2017

**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 = 0.02

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, 2017 Sample Date: 2/23/2017	Q2, 2017 Sample Date: 5/22/2017	Q3, 2017 Sample Date: 9/11/2017	Q4, 2017 Sample Date: 11/15/2017
Field Reagent Blank	<0.02	<0.02	<0.02	<0.02
JWPP Crib - Tap	0.19	0.19	0.16	0.17
JWPP Shore - Tap	0.18	0.18	0.12	0.14
JWPP North Outlet	0.19	0.18	0.19	0.15
JWPP Central Outlet	0.19	0.18	0.16	0.16
Distribution-1	0.19	0.18	0.16	0.17
Distribution-2	0.18	0.19	0.16	0.19
Distribution-3	0.22	0.18	0.16	0.17
Distribution-4	0.20	0.18	0.14	0.17
Distribution-5	0.20	0.19	0.14	0.17
SWPP Crib - Tap	0.18	0.19	0.17	0.15
SWPP Shore - Tap	0.17	0.18	0.14	0.14
SWPP 73rd Outlet	0.19	0.18	0.16	0.17
SWPP 79th Outlet	0.19	0.18	0.17	0.17
Distribution-6	0.19	0.19	0.16	0.17
Distribution-7	0.22	0.19	0.16	0.18
Distribution-8	0.20	0.19	0.15	0.18
Distribution-9	0.19	0.18	0.17	0.18
Distribution-10	0.18	0.19	0.13	0.17