

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

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

Year 2018

**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 = 0.02

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, 2018 Sample Date: 2/28/2018	Q2, 2018 Sample Date: 5/31/2018	Q3, 2018 Sample Date: 9/5/2018	Q4, 2018 Sample Date: 12/12/2018
Field Reagent Blank	0.09	<0.02	<0.02	<0.02
JWPP Crib - Tap	0.18	0.18	0.14	0.13
JWPP Shore - Tap	0.18	0.21	0.13	0.12
JWPP North Outlet	0.21	<0.02	0.14	0.14
JWPP Central Outlet	0.22	0.17	0.13	0.14
Distribution-1	0.19	0.17	0.13	0.14
Distribution-2	0.18	0.19	0.14	0.15
Distribution-3	0.20	0.18	0.13	0.15
Distribution-4	0.19	0.19	0.14	0.14
Distribution-5	0.20	0.18	0.16	0.15
SWPP Crib - Tap	0.20	0.18	0.15	0.15
SWPP Shore - Tap	0.18	0.15	0.15	0.11
SWPP 73rd Outlet	0.21	0.17	0.14	0.14
SWPP 79th Outlet	0.20	0.18	0.14	0.14
Distribution-6	0.20	0.18	0.17	0.14
Distribution-7	0.19	0.18	0.12	0.14
Distribution-8	0.21	0.19	0.15	0.14
Distribution-9	0.20	0.19	0.15	0.15
Distribution-10	0.19	0.22	0.17	0.14