

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

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

Year 2015

**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

Lab: EMT, INC.

**All results in µg/L**    Q1/MRL = 0.031    Q2/MRL = 0.050    Q3/MRL = 0.0500    Q4/MRL = 0.0500  
MRL = Minimum Reporting Limit    ND = Not Detected (less than MRL)

Sample Location	Q1, 2015 Sample Date: 3/05/2015	Q2, 2015 Sample Date: 6/02/2015	Q3, 2015 Sample Date: 8/19/2015	Q4, 2015 Sample Date: 12/02/2015
Field Reagent Blank	0.142	0.098	0.104	0.0890
JWPP Crib - Tap	0.0990	0.243	0.201	0.166
JWPP Shore - Tap	0.0920	0.205	0.180	0.0610
JWPP North Outlet	0.153	0.223	0.199	<0.0500
JWPP Central Outlet	0.139	0.219	0.198	0.0840
Distribution-1	0.107	0.460	0.150	0.0940
Distribution-2	0.101	0.234	0.151	0.161
Distribution-3	0.0860	0.218	0.177	0.0950
Distribution-4	0.123	0.249	0.161	0.0900
Distribution-5	0.103	0.240	0.179	0.0980
SWPP Crib - Tap	0.0850	0.232	0.182	0.0780
SWPP Shore - Tap	0.110	0.205	0.187	0.0780
SWPP 73rd Outlet	0.111	0.237	0.162	0.0790
SWPP 79th Outlet	0.0920	0.240	0.178	0.122
Distribution-6	0.103	0.226	0.176	0.164
Distribution-7	0.0830	0.235	0.141	0.0830
Distribution-8	0.110	0.245	0.189	0.174
Distribution-9	0.0930	0.230	0.145	0.0790
Distribution-10	0.103	0.237	0.149	0.162