

CHROMIUM 6

On September 21, 2016 WPXI issued a news story concerning Chromium 6 indicating this contaminant was found in all nearby regional water systems, including the MTMA system. Chromium and other metals are regulated by EPA. The most recent sample for Chromium was collected by MTMA on June 29, 2016. The results were less than the detection limit of 0.02 parts per million. Max contaminant level (MCL) allowed by EPA for Chromium is 0.1 parts per million.

There is currently no EPA or DEP established maximum contaminant level for Chromium 6. Every five (5) years the EPA directs testing of unregulated contaminants. This is done to assist EPA determine if additional compounds should have established limits. In 2013 and 2014, MTMA and other area water systems tested for Chromium 6. Four quarterly samples were taken at the MTMA treatment plant and in the distribution systems. The eight results were very low, ranging from 0.000042 to 0.000081 parts per million. US EPA and PA DEP have not yet established a maximum contaminant level for Chromium 6. The California Resource Control Board has established a limit of 0.01 parts per million for Chromium 6 effective July 1, 2014.

The level of Chromium 6 detected in the MTMA supply in 2013 and 2014 is far less than the California limit and should be considered safe.

MOON TOWNSHIP MUNICIPAL AUTHORITY

John F. Riley
General Manager



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724-543-3011
Lab # 03-457

Lab Analysis Report

Sample Number: 10150196

Customer: Robinson Township Municipal Authority	Collection Date: 10/05/15 09:50
Site: Entry Point	Received Date: 10/05/15 14:34
Monitoring Pt: 101	Matrix: Drinking Water (DW)
Source Type: Public Water Supply	Collection Method: Grab

10150196	Result	Reporting Limit	Method	Analysis Date	Analyst
Thallium	ND	0.0004 mg/L	EPA 200.8	10/15/15 13:48	06-00208
Cyanide, Free	ND	0.005 mg/L	OIA1677-DW	10/14/15 11:38	06-00208
Arsenic	ND	0.001 mg/L	EPA 200.8	10/15/15 13:48	06-00208
Antimony	ND	0.0004 mg/L	EPA 200.8	10/15/15 13:48	06-00208
Mercury	ND	0.0002 mg/L	SM 3112-B	10/15/15 11:08	06-00208
Selenium	ND	0.002 mg/L	EPA 200.8	10/15/15 13:48	06-00208
Chromium	<0.02 mg/L	0.02 mg/L	EPA 200.7	10/6/15 14:16	JRD
Fluoride	0.51 mg/l	0.20 mg/l	EPA 300.0	10/6/15 20:09	JRD
Nickel	<0.02 mg/l	0.02 mg/l	EPA 200.7	10/6/15 14:16	JRD
Barium	<0.10 mg/L	0.10 mg/L	EPA 200.7	10/6/15 14:16	JRD
Beryllium, Total	<0.002 mg/L	0.002 mg/L	EPA 200.7	10/7/15 12:42	JRD
Cadmium	<0.002 mg/L	0.002 mg/L	EPA 200.7	10/7/15 12:42	JRD

* undetectable

Ryan C Shafer, Vice President of Operations

Analyst Reference: 06-00208 - Suburban Testing Labs