Unregulated Contaminants Testing and Information - Public Notification

The 1996 Safe Drinking Water Act (SDWA) amendments require that once every five years the Environmental Protection Agency (EPA) issue a new list of no more than 30 unregulated contaminants to be monitored by public water systems (PWS).



The fourth Unregulated Contaminant Monitoring Rule (UCMR4) was published in the Federal Register on December 20, 2016. UCMR4 requires monitoring for 30 chemical contaminants between 2018 and 2020 using analytical methods developed by EPA and consensus organizations. This monitoring provides a basis for future regulatory actions to protect human health.

The City of Plant City has been monitoring for UC as part of a study to help the U.S. Environmental Protection Agency (EPA) determine the occurrence in drinking water of unregulated contaminants and whether or not these contaminants need to be regulated. At present, no health standards (for example, maximum contaminant levels) have been established for UC.

However, we are required to publish the analytical results for our UCMR4 monitoring in our annual water quality report.

Our 2018 Annual Water Quality Report can be viewed at: https://www.plantcitygov.com/annualwaterreport

If you would like more information on the EPA's Unregulated Contaminants Rule (UCMR), please call the Safe Drinking Water Hotline, (800) 426-4791.

For more information on the City of Plant City's unregulated contaminants sampling and subsequent test results, please call the City's Utilities Operations Division.

• Mike Darrow, Utilities Operations Superintendent, 813-757-9191.

UNREGULATED CONTAMINANTS MONITORING RULE 4 -- FEBRUARY / AUGUST 2019

-			s MRL	Wells								Water Treatment Plants (WTP)								Distribution System								
Analyte	Method	Units		Raw Well 5		Raw Well 6		Raw Well 7		Raw	Raw Well 8		WTP 1 ETDS		WTP 2 ETDS		WTP 3 ETDS		WTP 4 ETDS		908 W. Saunders		1007 Cason		2709 Savannah		4737 Dawn Meadow Ct.	
				Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	Feb. 2019	Aug. 2019	İ
HAA5	EPA 552.3	μg/L	0.2																	28.7	24.2	29.4	19.6	27.9	31.3	38.8	35.8	29.463
HAA6Br	EPA 552.3	μg/L	1.0										10.2 9.38 10.2 8.02 9.56 12.3 7.3 7.21 9.27							9.271								
HAA9	EPA 552.3	μg/L	1.0										ANALYSIS NOT REQUIRED FOR ENTRY POINT SAMPLES 38.5 33.2 39.2 27.2 37.1 43.2 46.1 43 38.437 ND								38.437							
Bromide	EPA 300.1	μg/L	1.5	ND	ND	ND	ND	ND	ND	ND	ND										ND							
Total Organic Carbon	5310 c-2000	mg/l	0.2	1.9	1.9	2.0	2.2	2.1	2.0	1.6	1.6																	1.9125
Manganese	EPA 200.8	mg/l	0.0004									0.0138	0.0135	0.0038	0.0042	0.0063	0.0308	0.0016	0.0017									0.0094
Germanium	EPA 200.8	μg/L	0.3	ANALYSIS NOT REQUIRED FOR RAW WELL SAMPLES						ND	ND	ND	ND	ND	ND	ND	ND											
Chlorpyrifos	EPA 525.3	μg/L	0.03								ND	ND	ND	ND	ND	ND	ND	ND										
Total Permethrin	EPA 525.3	μg/L	0.04								ND	ND	ND	ND	ND	ND	ND	ND										
alpha - Hexachlorocyclohexane	EPA 525.3	μg/L	0.01							ND	ND	ND	ND	ND	ND	ND	ND											
Dimethipin	EPA 525.3	μg/L	0.2							ND	ND	ND	ND	ND	ND	ND	ND											
Profenofos	EPA 525.3	μg/L	0.3							ND	ND	ND	ND	ND	ND	ND	ND											
Tebuconazole	EPA 525.3	μg/L	0.2							ND	ND	ND	ND	ND	ND	ND	ND											
Tribufos	EPA 525.3	μg/L	0.07								ND	ND	ND	ND	ND	ND	ND	ND		ANALYSIS NOT REQUIRED FOR DISTRIBUTION SYSTEM SAMPLES								
Ethoprop	EPA 525.3	μg/L	0.2								ND	ND	ND	ND	ND	ND	ND	ND	, A									
butylated hydroxyanisole	EPA 537	μg/L	0.09	ND ND ND ND ND ND ND																								
o-toluidine	EPA 537	μg/L	0.01		ND ND ND ND ND ND ND																							
Quinoline	EPA 537	μg/L	0.03	ND ND ND ND ND ND ND																								
1- Butanol	EPA 541	μg/L	2	ND 2.57 ND ND ND ND ND																								
2-methoxyethanol	EPA 541	μg/L	0.4									ND	ND	ND	ND	ND	ND	ND	ND									
2-propen-1-ol	EPA 541	μg/L	0.5									ND	ND	ND	ND	ND	ND	ND	ND									

DEFINITIONS					
ETDS	ENTRY POINT TO DISTRIBUTION SYSTEM				
MRL	MINIMUM REPORTING LEVEL				
ND	NOT DETECTED				
μg/L	MICROGRAMS PER LITER				

ADDITIONAL INFORMATION REGARDING UCMR4 SAMPING EVENTS AND SAMPLE RESULTS							
2/13/2019	First Sample Event						
4/1/2019 and 10/11/2019	All Data for sampling was reviewed and Approved on EPA - CDX web page.						
08/14/19	Second Sample Event						
TESTING LABORATORY	McCoy & McCoy Laboratory, Madisonville, Kentucky						