



Missouri Department of Natural Resources
 Environmental Services Program
 PO Box 176 Jefferson City MO 65102-0176

RESULTS OF SAMPLE ANALYSES

Test Group:
 THM-HAA

Order ID:
 161023066



Report Date:
 1/5/2017

CROCKER, JASON M
 WEST PLAINS
 CITY HALL - 1910 HOLIDAY LANE

WEST PLAINS MO 65776

Sample: AC86944		Facility ID: MO4010853				
		Site: WEST PLAINS		County: HOWELL		
Collect Date: 11/14/2016 1:04:00 PM						
Sample Location: WAYHAVEN BOOSTR STATION-1813 WAYHAVEN DR DBPDUAL-01						
Test	Parameter/Method	Result	Units	Qualifier(s)	MCL	SS
552.2	Bromochloroacetic Acid/552.2	2.19	µg/L			
552.2	Bromodichloroacetic Acid/552.2	0.93	µg/L			
552.2	Chlorodibromoacetic Acid/552.2	<1.3	µg/L	ND		
552.2	Dibromoacetic Acid/552.2	<1.3	µg/L	ND		
552.2	Dichloroacetic Acid/552.2	4.11	µg/L			
552.2	Monobromoacetic Acid/552.2	<2.7	µg/L	ND		
552.2	Monochloroacetic Acid/552.2	<4.0	µg/L	ND		
552.2	Tribromoacetic Acid/552.2	<1.9	µg/L	ND		
552.2	Trichloroacetic Acid/552.2	1.60	µg/L			
THMs	Bromodichloromethane/524.2	5.01	µg/L			
THMs	Bromoform/524.2	0.80	µg/L			
THMs	Chloroform/524.2	9.76	µg/L			
THMs	Dibromochloromethane/524.2	3.30	µg/L			
Total HAA5	Total HAA5/552.2	<11.0	µg/L	ND	60	
Total THM	Total THM/524.2	18.9	µg/L		80	

Sample: AC86945

Facility ID: MO4010853



Site: WEST PLAINS

County: HOWELL

Collect Date: 11/21/2016 7:59:00 AM

Sample Location: MUNICIPAL GOLF COURSE - BB HWY DBPDUAL-02

Comments: THM broken, new kit sent out for replacement.

Test	Parameter/Method	Result	Units	Qualifier(s)	MCL	SS
552.2	Bromochloroacetic Acid/552.2	1.48	µg/L	05		
552.2	Bromodichloroacetic Acid/552.2	<0.566	µg/L	ND		
552.2	Chlorodibromoacetic Acid/552.2	<0.609	µg/L	ND		
552.2	Dibromoacetic Acid/552.2	<0.450	µg/L	ND		
552.2	Dichloroacetic Acid/552.2	3.53	µg/L			
552.2	Monobromoacetic Acid/552.2	<0.504	µg/L	ND		
552.2	Monochloroacetic Acid/552.2	<4.118	µg/L	ND		
552.2	Tribromoacetic Acid/552.2	<1.219	µg/L	ND		
552.2	Trichloroacetic Acid/552.2	0.86	µg/L	05		
THMs	Bromodichloromethane/524.2	4.15	µg/L			
THMs	Bromoform/524.2	0.77	µg/L			
THMs	Chloroform/524.2	11.4	µg/L			
THMs	Dibromochloromethane/524.2	2.82	µg/L			
Total HAA5	Total HAA5/552.2	<11.0	µg/L	ND	60	
Total THM	Total THM/524.2	19.1	µg/L		80	

Sample: AC86946

Facility ID: MO4010853



Site: WEST PLAINS

County: HOWELL

Collect Date: 11/14/2016 1:53:00 PM

Sample Location: TIMBERS BOOSTER STATION - COUNTY RD 6460 DBPDUAL-03

Test	Parameter/Method	Result	Units	Qualifier(s)	MCL	SS
552.2	Bromochloroacetic Acid/552.2	2.79	µg/L			
552.2	Bromodichloroacetic Acid/552.2	1.04	µg/L			
552.2	Chlorodibromoacetic Acid/552.2	<1.3	µg/L	ND		
552.2	Dibromoacetic Acid/552.2	1.30	µg/L			
552.2	Dichloroacetic Acid/552.2	4.66	µg/L			
552.2	Monobromoacetic Acid/552.2	<2.7	µg/L	ND		
552.2	Monochloroacetic Acid/552.2	<4.0	µg/L	ND		
552.2	Tribromoacetic Acid/552.2	<1.9	µg/L	ND		
552.2	Trichloroacetic Acid/552.2	1.50	µg/L			
THMs	Bromodichloromethane/524.2	3.79	µg/L			
THMs	Bromoform/524.2	0.82	µg/L			
THMs	Chloroform/524.2	6.94	µg/L			
THMs	Dibromochloromethane/524.2	3.00	µg/L			
Total HAA5	Total HAA5/552.2	<11.0	µg/L	ND	60	
Total THM	Total THM/524.2	14.6	µg/L		80	

Sample: AC86947

Facility ID: MO4010853



Site: WEST PLAINS

County: HOWELL

Collect Date: 11/14/2016 2:18:00 PM

Sample Location: SUPPLY LINE - 1112 MINNESOTA AVE DBPDUAL-04

Test	Parameter/Method	Result	Units	Qualifier(s)	MCL	SS
552.2	Bromochloroacetic Acid/552.2	<1.3	µg/L	ND		
552.2	Bromodichloroacetic Acid/552.2	<0.6	µg/L	ND		
552.2	Chlorodibromoacetic Acid/552.2	<1.3	µg/L	ND		
552.2	Dibromoacetic Acid/552.2	<1.3	µg/L	ND		
552.2	Dichloroacetic Acid/552.2	2.46	µg/L			
552.2	Monobromoacetic Acid/552.2	<2.7	µg/L	ND		
552.2	Monochloroacetic Acid/552.2	<4.0	µg/L	ND		
552.2	Tribromoacetic Acid/552.2	<1.9	µg/L	ND		
552.2	Trichloroacetic Acid/552.2	<0.7	µg/L	ND		
THMs	Bromodichloromethane/524.2	1.18	µg/L			
THMs	Bromoform/524.2	0.65	µg/L			
THMs	Chloroform/524.2	1.42	µg/L			
THMs	Dibromochloromethane/524.2	<0.5	µg/L	ND		
Total HAA5	Total HAA5/552.2	<11.0	µg/L	ND	60	
Total THM	Total THM/524.2	3.25	µg/L		80	

MCL- A Maximum Contaminant Level (MCL) is the legal threshold limit on the amount of a substance that is allowed in drinking water under the Federal Safe Drinking Water Act. MCLs are health based, legally enforceable standards. Drinking water results below the MCLs are considered safe.

*Lead and Copper samples have an Action Level (AL) and not an MCL. The AL levels for Lead and Copper are shown in the MCL column.

SS- Secondary Drinking Water Regulations (secondary standards) are non-enforceable guidelines regulating contaminants that may cause aesthetic effects in drinking water, such as taste, color or odor. It is recommended that water systems comply with secondary standards but water systems are not required to comply.

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency. If you have any questions, please contact Mr. Eric Medlock at (573) 522-5028.

Data Qualifier(s)

05	Estimated value, detected below PQL	ND	Not detected at reported value
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Kevin Thoenen,
Laboratory Manager
Environmental Services Program
Division of Environmental Quality