

Rennaker, Joanne (DEQ)

From: Rosenthal, Adam (DEQ)
Sent: Friday, January 16, 2015 1:31 PM
To: larry.f.elliott@abc12.com
Cc: Prysby, Mike (DEQ); Busch, Stephen (DEQ); Wurfel, Brad (DEQ); Benzie, Richard (DEQ);
Shekter Smith, Liane (DEQ)
Subject: Flint Disinfection By-Product data
Attachments: Flint 2014 DBP results.PDF

Dear Mr. Elliott at ABC 12 Flint.

Attached are results and definitions for Disinfection By-Products samples collected during 2014 for the City of Flint. The Locational Running Annual Average (LRAA) is the number used for compliance with the Maximum Contaminant Levels (MCLs).

Sincerely,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

Flint 2014 TTHM & HAA5 results and Locational Running Annual Average (LRAA)

1/16/15

TTHM Results (mg/L)				
	5/21/14	8/21/14	11/20/14	LRAA
DBP1 McDonalds 3719 Davison	0.162	0.145	0.059	0.092
DBP2 Liquor Palace 3302 S. Dort Highway	0.112	0.127	0.033	0.068
DBP3 North Flint Auto 6204 N. Saginaw St.	0.097	0.118	0.041	0.064
DBP4 University Market 2501 Flushing Road	0.106	0.196	0.094	0.099
DBP5 Taco Bell 3606 Corunna Road	0.079	0.181	0.034	0.074
DBP6 Rite-Aid Pharmacy 5018 Clio Road	0.088	0.144	0.054	0.072
DBP7 Salem Housing 3216 MLK Boulevard	0.082	0.112	0.050	0.061
DBP8 BP Gas Station 822 S. Dort Highway	0.075	0.112	0.036	0.056

HAA5 Results (mg/L)				
	5/21/14	8/21/14	11/20/14	LRAA
DBP1 McDonalds 3719 Davison	0.064	0.043	0.016	0.031
DBP2 Liquor Palace 3302 S. Dort Highway	0.052	0.031	0.015	0.025
DBP3 North Flint Auto 6204 N. Saginaw St.	0.048	0.037	0.018	0.026
DBP4 University Market 2501 Flushing Road	0.055	0.017	0.024	0.024
DBP5 Taco Bell 3606 Corunna Road	0.050	0.024	0.015	0.022
DBP6 Rite-Aid Pharmacy 5018 Clio Road	0.049	0.030	0.017	0.024
DBP7 Salem Housing 3216 MLK Boulevard	0.041	0.025	0.005	0.018
DBP8 BP Gas Station 822 S. Dort Highway	0.038	0.040	0.021	0.025

Locational running annual average (LRAA): the average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

Maximum contaminant level (MCL): the maximum permissible level of a contaminant in water which is delivered to any user of a public water system.

The Stage 2 Disinfection By-Products Rule (DBPR) requires systems to meet an LRAA of 0.080 mg/L for TTHM and 0.060 mg/L for HAA5 at each compliance monitoring location.