

Rennaker, Joanne (DEQ)

From: Michael Glasgow <mglasgow@cityofflint.com>
Sent: Wednesday, June 10, 2015 4:20 PM
To: Prysby, Mike (DEQ)
Cc: Brent Wright; Howard Croft
Subject: May 2015 MOR
Attachments: May 2015 MOR.pdf

Mike,

Here is a copy of the May MOR. A hard copy will go out in the mail today, but I like to get you a copy as soon as it is complete. I am still compiling the pool of samples for lead & copper monitoring. I had spoke with Adam a month or so ago about this same topic. I was planning on using the addresses where bottles were sent in the first round (2014). The hundred for which we have results is easy, it is the others that never returned the samples that is taking some time.

FYI - The CCR for Detroit water is complete and headed to the printer this week. Still developing the one for Flint water, but we will be using the same company and since the mailing list is the same, we could still make the July 1st deadline.

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Mike Glasgow
Utilities Administrator
City of Flint

CITY OF FLINT WATER TREATMENT PLANT MONTHLY OPERATION REPORT

SUPPLY NAME: CITY OF FLINT WATER PLANTWSSN: 2310Michael Glasgow

Operator-in-Charge

May 2015

Month/Year

F-1R, F-2

Certification of Operator-in-Charge

F-1

Water Plant Classification

Signature of Operator-in-Charge

Genesee

County

Treatment Rate and Filter Data

Maximum Treatment Rate:	<u>20.3</u>	Million Gallons per Day
Rated Plant Capacity:	<u>36</u>	Million Gallons per Day
Average Filter Run:	<u>69</u>	Hours
Average Head Loss:	<u>n/a</u>	Feet *(filter head loss meters not operational)
Average Filtration Rate:	<u>3.1</u>	Gallons Per Square Feet per Minute
Maximum Filtration Rate:	<u>2.3</u>	Gallons Per Square Feet per Minute
Average Wash Water Use:	<u>3.5%</u>	Percent of Treated Water

Chemical Data

Chlorine on hand:	<u>24,000</u>	lb.	Est. supply:	<u>33</u>	days
Primary Coagulant (Ferric Chloride) on hand:	<u>126,000</u>	lb.	Est. supply:	<u>7</u>	days
Lime (CaO) on hand:	<u>289</u>	tons	Est. supply:	<u>24</u>	days
Fluoride on hand:	<u>15,000</u>	lb.	Est. supply:	<u>40</u>	days
Cost of All Chemicals per Million Gallons:	<u>n/a</u>	dollars			
Total Power Cost per Million Gallons:	<u>n/a</u>	dollars			

Remarks

Confluence Point # 1 (N)

Confluence Point # 2 (S)

Number of filter confluence samples > 0.3 NTU:	<u>0</u>	<u>0</u>
Number of filter confluence samples collected:	<u>229</u>	<u>229</u>
Percent of filter confluence samples > 0.3 NTU:	<u>0.0%</u>	<u>0.0%</u>
Number of filter confluence samples > 1 NTU:	<u>0</u>	<u>0</u>
Did any individual filter exceed:		
1.0 NTU in two consecutive measurements taken 15 minutes apart?		<u>NO</u>
If yes, attach specific filter(s) information and indicate required follow-up status.		
0.5 NTU in two consecutive measurements taken 15 minutes apart after 4 hours of operation?		<u>NO</u>
If yes, attach specific filter(s) information and indicate required follow-up status.		
1.0 NTU in two consecutive measurements taken 15 minutes apart for 3 consecutive months?		<u>NO</u>
If yes, attach specific filter(s) information and indicate required follow-up status.		
2.0 NTU in two consecutive measurements taken 15 minutes apart for 2 consecutive months?		<u>NO</u>
If yes, attach specific filter(s) information and indicate required follow-up status.		
Was continuous (every 15 minutes) filter monitoring equipment off-line during the month?		<u>NO</u>
If yes, indicate date(s), duration, and individual filter grab sampling frequency on a separate sheet.		
Did POE disinfectant residual fall below 0.2 ppm during the month?		<u>NO</u>
If yes, indicate date(s) and duration on a separate sheet.		
Was minimum C*T credit achieved for the entire month?		<u>YES</u>
If no, indicate on a separate sheet the date(s) not achieved.		
Was continuous POE chlorine residual monitoring equipment off-line during the month?		<u>NO</u>
If yes, indicate date(s) and duration on a separate sheet.		