

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Tuesday, June 10, 2014 2:53 PM
To: Rosenthal, Adam (DEQ); McDermott, Kristine (DEQ)
Subject: FW: May 2014 MOR
Attachments: May 2014 MOR scan.pdf

Here is a copy of Flint's May 2014 MOR.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Michael Glasgow [<mailto:mglasgow@cityofflint.com>]
Sent: Tuesday, June 10, 2014 11:41 AM
To: Prysby, Mike (DEQ)
Subject: May 2014 MOR

Mike,
Good morning. I just wanted to send you a scanned copy of our May 2014 MOR so you would have it today. A hard copy is going out in the mail today.

Mike Glasgow
City of Flint Water Plant

MONTHLY OPERATION REPORT OF WATER TREATMENT PLANT

SUPPLY NAME: CITY of FLINT WATER PLANT
WSSN: 2310

Michael Glasgow
Operator-in-Charge

May 2014
Month/Year

F-1R, F-2
Certification of Operator-in-Charge

F-1
Water Plant Classification

Michael Glasgow
Signature of Operator-in-Charge

Genesee
County

Treatment Rate and Filter Data

Maximum Treatment Rate:	<u>26.9</u>	Million Gallons per Day
Rated Plant Capacity:	<u>36</u>	Million Gallons per Day
Average Filter Run:	<u>101</u>	Hours
Average Head Loss:	<u>*</u>	Feet
Average Filtration Rate:	<u>2.6</u>	Gallons Per Square Feet per Minute
Maximum Filtration Rate:	<u>3.8</u>	Gallons Per Square Feet per Minute
Average Wash Water Use:	<u>2</u>	Percent of Treated Water

Chemical Data

Chlorine on hand:	<u>22000</u> lb.	Est. supply:	<u>20</u> days
Primary Coagulant (Ferric Chloride) on hand:	<u>83765</u> lb.	Est. supply:	<u>14</u> days
Cost of All Chemicals per Million Gallons:	<u>*</u> dollars		
Total Power Cost per Million Gallons:	<u>*</u> dollars		

Remarks

Number of filter confluence samples > 0.3 NTU:	<u>3</u>
Number of filter confluence samples collected:	<u>350</u>
Percent of filter confluence samples > 0.3 NTU:	<u>0.86%</u>
Number of filter confluence samples > 1 NTU:	<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>YES*</u>
If yes, indicate date(s) and duration on a separate sheet.	