

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Friday, July 11, 2014 11:42 AM
To: Rosenthal, Adam (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: FW: City of Flint June 2014 MOR
Attachments: June 2014 MOR scan.pdf

Adam,

Here's Flint's June 2014 MOR...as we discussed, the distribution system CL2 residual problem has worsened not to mention 2 positives (from their reservoirs). I will confirm with Brent as to whether they installed chlorination at the Westside/Cedar St. PSs for SDWIS update ...as he indicated in my most recent site visit.

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

From: Michael Glasgow [<mailto:mglasgow@cityofflint.com>]
Sent: Thursday, July 10, 2014 3:11 PM
To: Prysby, Mike (DEQ)
Subject: City of Flint June 2014 MOR

Mike,

Good afternoon, I hope you had an enjoyable holiday weekend. Attached is a copy of our June 2014 MOR. There were a few alterations as per our discussion in early June. A copy is being sent out in the mail today. I just thought you might like a copy a few days before it arrives in the mail.

Mike Glasgow
City of Flint Water Plant

CITY of FLINT WATER TREATMENT PLANT MONTHLY OPERATION REPORT

SUPPLY NAME: CITY of FLINT WATER PLANT
 WSSN: 2310

Michael Glasgow
 Operator-in-Charge

June 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>25</u>	Million Gallons per Day
Rated Plant Capacity:	<u>36</u>	Million Gallons per Day
Average Filter Run:	<u>74</u>	Hours
Average Head Loss:	<u>*</u>	Feet *(filter head loss meters not operational)
Average Filtration Rate:	<u>2.5</u>	Gallons Per Square Feet per Minute
Maximum Filtration Rate:	<u>3.5</u>	Gallons Per Square Feet per Minute
Average Wash Water Use:	<u>3.6%</u>	Percent of Treated Water

Chemical Data

Chlorine on hand:	<u>24000</u> lb.	Est. supply:	<u>20</u> days
Primary Coagulant (Ferric Chloride) on hand:	<u>63450</u> lb.	Est. supply:	<u>10</u> days
Lime (CaO) on hand:	<u>169</u> tons	Est. supply:	<u>18</u> days
Fluoride on hand:	<u>9064</u> lb.	Est. supply:	<u>16</u> days
Cost of All Chemicals per Million Gallons:	<u>*</u> dollars		
Total Power Cost per Million Gallons:	<u>*</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>180</u>	<u>180</u>
Percent of filter confluence samples > 0.3 NTU:	<u>0.00%</u>	<u>0.00%</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.		