

Rennaker, Joanne (DEQ)

From: Hansen, Jeff <jrhansen@lan-inc.com>
Sent: Tuesday, June 16, 2015 3:12 PM
To: Prysby, Mike (DEQ)
Subject: RE: Flint GAC 2 of 2

Ok... we'll add it.

Jeffrey R. Hansen
 Senior Project Manager

From: Prysby, Mike (DEQ) [mailto:PRYSBYM@michigan.gov]
Sent: Tuesday, June 16, 2015 2:54 PM
To: Hansen, Jeff
Subject: RE: Flint GAC 2 of 2

I agree....except it hasn't met CT yet....which is gained in the 3mgal well...

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

From: Hansen, Jeff [mailto:jrhansen@lan-inc.com]
Sent: Tuesday, June 16, 2015 2:50 PM
To: Prysby, Mike (DEQ)
Subject: RE: Flint GAC 2 of 2

Hi Mike,

I was curious why you require an anti-syphon valve in this case? I can see it at the intermediate point since it is before filtration, but the water in the weir chamber is completely treated and ready to drink. It seems very unlikely that the treated water would backflow into the chlorine pipe, but even if it did why would it matter since it is drinkable?

Jeffrey R. Hansen
 Senior Project Manager

From: Prysby, Mike (DEQ) [mailto:PRYSBYM@michigan.gov]
Sent: Tuesday, June 16, 2015 2:24 PM
To: Hansen, Jeff
Cc: Busch, Stephen (DEQ); Cook, Pat (DEQ)
Subject: RE: Flint GAC 2 of 2

Jeff,

I have reviewed the preliminary plans for the GAC addition for the Flint WTP filters. I do not have any major concerns with the preliminary plans. I did note the tap off the existing chlorine solution line immediately west of Filter No. 6 that will convey liquid chlorine to the new feed point within the first bay of the weir chamber. In our review of the intermediate chlorination feedpoint (March 2104), we called for an anti-syphon valve to be installed on the feedline prior to the application point in the trough (just prior to filtration). Since this proposed tap is upstream of the anti-syphon device, an additional anti-syphon device will need to be provided on the proposed chlorine solution line prior to injection within the proposed drop-pipe. If the device is to be located within the first weir chamber, it will need to be above the high water level.

I will be out on extended medical leave beginning tomorrow. I could be back as early as sometime next week or as late as early July. For timely permit issuance, the final submittal should be directed to Steve Busch.

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

From: Hansen, Jeff [<mailto:jrhansen@lan-inc.com>]
Sent: Saturday, June 13, 2015 12:52 PM
To: Prysby, Mike (DEQ)
Cc: Busch, Stephen (DEQ); Cook, Pat (DEQ); Matta, Samir; Green, Warren; Brent Wright (bwright@cityofflint.com); mglasgow@cityofflint.com
Subject: Flint GAC 2 of 2

Preliminary plans.

Jeffrey R. Hansen
Senior Project Manager

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