

**From:** [Crooks, Jennifer](#)  
**To:** [Rosenthal, Adam \(DEQ\)](#); [Prysby, Mike \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)  
**Cc:** [Benzie, Richard \(DEQ\)](#); [Philip, Kris \(DEQ\)](#); [Poy, Thomas](#)  
**Subject:** RE: question for ORD/Mike Schock  
**Date:** Thursday, October 01, 2015 5:57:09 PM

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I'm out of the office tomorrow, so if you've been able to track down a schematic of the Flint's treatment plant, perhaps you can forward it to Mike Schock in Cincinnati? His email is [schock.michael@epa.gov](mailto:schock.michael@epa.gov).

If not, I'm back in the office on Monday and maybe you can steer me toward the City to obtain a schematic. I'll check in with you then.

Thank you all.

Jennifer

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**From:** Crooks, Jennifer  
**Sent:** Wednesday, September 30, 2015 11:51 AM  
**To:** Rosenthal, Adam (DEQ); Prysby, Mike (DEQ); 'Busch, Stephen (DEQ)'  
**Cc:** Richard Benzie; kris philip; Thomas Poy  
**Subject:** question for ORD/Mike Schock  
**Importance:** High

Tom P told me that your Director, Dan Wyatt, asked that his staff work with ORD/Mike Schock and Darren Lytle. Mike and Darren are both working on getting up to speed on the basics of the Flint water treatment scheme. I had a request from Mike Schock this morning about information about treatment and various sample results for Flint. So, I sent them the final OEL report from Flint that is on their website, as well as the 5 MORs that are also on Flint's website.

Mike had an additional question; he's looking for a schematic of the Flint treatment process to help him evaluate the possible successfulness of phosphate treatment at Flint. See Mike's brief explanation below.

I don't want to make this a big project if it's not handy; would Mike Glasgow have this schematic?

Thank you all! I know your time is very valuable right now.

Jennifer

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**From:** Schock, Michael  
**Sent:** Wednesday, September 30, 2015 10:57 AM  
**To:** Crooks, Jennifer  
**Cc:** Lytle, Darren  
**Subject:** RE: more pdfs

Jennifer;

Thank you so much!

Would you happen to know if any other report has, or that you might have somewhere, **a currently-valid process schematic for the entire set of treatments done at the Flint plant?** It would be helpful to have a better picture of where things like softening, type of coagulant and GAC fit into the picture. There are several potential interrelationships that would affect the successfulness of the phosphate treatment proposed and dosage, and the instability cause by the major chemistry change from Detroit finished water (which I understand was from their Lake Huron-fed plant).

--Mike

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**From:** Crooks, Jennifer

**Sent:** Wednesday, September 30, 2015 9:29 AM

**To:** Schock, Michael; Lytle, Darren

**Subject:** more pdfs

April 2015 MOR is not on the website.