

Anderson, Alan

From: Todd Beaver <ToddBeaver@RWU.ORG>
Sent: Thursday, September 14, 2017 11:52 AM
To: Anderson, Alan
Subject: RE: AR0043397 Rogers, AR Rogers Water Utility

Follow Up Flag: Follow up
Flag Status: Flagged

Alan,

We have our data in and calculated for the August. We did not meet the DO limit for August. We have been battling our post treatment aeration for about 7 weeks now. We have went through the entire process piece by piece and called on outside expertise. No one has been able to isolate our issue. Having come to a dead end there, we are addressing the problem with a new approach of looking at the entire system and replacing all wear items and simplifying the system. A lot of new equipment is on the way. We are borderline meeting the requirement depending on temperature right now. When we get all the equipment back on line, we should be good to go again. I would report projected delivery dates, but I don't have all of them yet due to some suppliers shipping from Texas.

We also already have a violation for September. On the week of August 27th to September 2nd we will have a 7 day average phosphorus and Ammonia over our limit. The transformer that powers one of our BNR trains lost power and it took us 24 hours to repair. We diverted flow to the Equalization basin and on line train, but the water already in the system took a while to recover. We fed Alum to remove as much P as we could and ran max recycle on all processes. Over that week NH3 averaged 2.59 and TP averaged 2.88. The data for that week regarding those two parameters is below:

Date	NH3 (mg/L)	TP (mg/L)
8/27/17	3.24	4.86
8/28/17	6.20	8.41
8/29/17	2.28	.88
8/30/17	.84	.10
8/31/17	.37	.08
Average	2.59	2.88

Please accept this email as notification and explanation of our violations and corrective actions. If you have further questions or need more information, please let us know.

Sincerely,

Todd Beaver, P.E.
Plant Manager
479-273-7378

