

Carpenter, Emily

From: Forester, Ted - RD, Columbia, MO <Ted.Forester@mo.usda.gov>
Sent: Thursday, October 08, 2015 11:50 AM
To: Carpenter, Emily
Cc: Thomas, Clark
Subject: RE: Chapter 8 Stakeholder workgroup meeting

Thank you for the notice.

We have had an issue come up on grinder pump systems and I don't know if it needs to be addressed as part of a regulation (or maybe you have already addressed it). I am reviewing a PER for a system for the City of Camden Point in Platte County. The system is proposing EOne semi-positive displacement grinder pumps. I was surprised to see that the factory is recommending NO preventive maintenance or routine inspections. They simply recommend that the pumps operate until failure and a trouble call is generated. At that time a determination is made whether there is a problem with the controls or the pump, and that part is replaced. The manufacturer reports mean time between failure of 12 to 13 years.

We've funded a couple of EOne that has had a lot higher failure rate. If you don't check the lift station except on failure, you can reduce the O&M cost. What is your take on this O&M approach?

Ted H. Forester, P.E.

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From: Carpenter, Emily [mailto:emily.carpenter@dnr.mo.gov]
Sent: Thursday, October 08, 2015 11:28 AM
To: Meyers, Leasue; LePage, Cindy; Mefrakis, Refaat
Subject: FW: Chapter 8 Stakeholder workgroup meeting

Chapter 8 Stakeholders:

Attached is the first draft of the proposed rule, 10 CSR 20-8.125 Alternative Sewer Systems. At this time, the pressure sewer and grinder pump section is complete. I am still working on the requirements for STEP and STEG systems, if you have suggestions please send them to me. Comments on the rules are welcome anytime. Thanks!

Emily T. Carpenter

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