



**SISLER-MAGGARD ENGINEERING, PLLC**

220 EAST REYNOLDS ROAD, SUITE A3

LEXINGTON, KY 40517

(859) 271-2978

Fax (859) 271-5670

Email: [sme@sislermaggard.com](mailto:sme@sislermaggard.com)

May 20, 2020

North Manchester Water Association  
7361 North Highway 421  
Manchester, KY 40962

**Attn: Steve Davis, President**

RE: Excessive Water Loss complaint – PSC Case # 2019-00041  
Excessive Water Loss Investigation  
SME # 19036

Dear Mr. Davis:

Per your request, please find the following update for the Excessive water loss investigation for the PSC:

The NMWA has diligently searched for leaks five days a week since the investigation. The NMWA has been averaging approximately 50% water loss per month. Since then NMWA has identified and corrected leaks of approximately 20 %. Therefore, NMWA estimates that they will have their water loss reduced to approximately 30 % by June 2020. Their goal is to reduce the water loss to 20 percent by August 2020.

The NMWA has used the Kentucky Rural water association for locating leaks as well.

The NMWA has contacted their system telemetry manufacturer and identified a scaling problem with their water towers. The manufacturer is working to fix the problem therefore allowing the NMWA a better graphic depiction of water usage and potential water loss. Therefore, allowing the NMWA to help identify areas with higher water loss.

The NMWA is also exploring the possibility of installing master meters in the system to help isolate and determine areas with higher water loss. The NMWA is currently taking quotes for the installation of these master meters.

We are completing the required water audit for the NMWA and should be completed in the next 30 days.

If you have any questions, please call.

Sincerely,  
  
Michael K. Maggard  
Project Engineer