

Cannonsburg Water District
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June 28, 2017

RECEIVED

Public Service Commission
Attn: Talina Mathews-Executive Director
211 Sower Blvd.
PO Box 615
Frankfort, KY 40602

JUL 7 2017
Public Service
Commission

RE: Case No. 2014-00267 – Comprehensive Water Loss Detection Plan

Ms. Mathews,

Per Case No. 2014-00267, Cannonsburg Water District is required to submit a Comprehensive Unaccounted-for Water Loss Detection Plan to the Public Service Commission. As you may know CWD has been working closely with PSC staff to develop an updated detection plan. Currently, there are 9 zone meters and 14 bypass meters within the water district at this time with a 10th zone meter installed but not functioning at this time. New internal parts have been delivered and are awaiting installation by the part supplier. However, with all meters installed CWD can only monitor 25% (+/-) of its daily flow. This has only allowed for discover of minor loss areas which have been repaired.

At this time CWD is currently working on an updated plan to detect the source areas of loss through advanced meter. This project, if approved, would allow CWD to virtually monitor its water flow and compare it to customer usage within the system with real-time data. This project would be built around and, be in use with our current residential meter system and the addition of approximately 35 monitor meters made specifically for this purpose. At the current phase of this project we will meet with PSC staff for an additional Informal Conference and finalize our proposed project. Once this is completed CWD will file its motion asking to update the detection plan allowing us to monitor approximately 85-90% of typical daily flow and identify the areas of loss for prompt repair and or replacement.

If at any time, you have any questions or concerns regarding this report please, do not hesitate to contact me for further information.

Sincerely,

Tim Webb
General Manager