



Edmonson County Water District

February 5, 2020

Mr. Jeb Pinney
Kentucky Public Service Commission
P.O. Box 615 / 211 Sower Boulevard
Frankfort, KY 40602-0615

Re: Case No. 2019-00433
Edmonson County Water District's update to its plan to reduce unaccounted water loss in its response to Commission's September 12, 2018 Periodic Compliance Inspection

Dear Mr. Pinney:

Pursuant to the Public Service Commission's Order on January 30, 2020 in Case No. 2019-00433 Edmonson County Water District's update to its plan to reduce unaccounted water loss in its response to the Commissions September 12, 2018 Periodic Compliance Inspection.

Please contact me if Commission Staff has any questions regarding this submission at 270-597-2165 or mail@ecwdwater.com.

Sincerely,

Tony Sanders
Edmonson County Water District

EDMONSON COUNTY WATER DISTRICT'S RESPONSE TO COMMISSION'S
ORDER TO UPDATE ITS PLAN TO REDUCE UNACCOUNTED WATER LOSS IN ITS
RESPONSE TO THE COMMISSION'S SEPTEMBER 12, 2018 PERIODIC
COMPLIANCE INSPECTION

The Edmonson County Water District Water District has been actively working to reduce unaccounted water loss. In the year 2019 the Edmonson County Water District found, and repaired 149 leaks.

The Water District has continued to monitor tank losses after midnight and calculate them daily. These losses are emailed or faxed to the distribution supervisor each day. Treatment plant operators calculate tank loss based on service connections what the acceptable draw down should be. The treatment plant personnel have been exploring how to figure tank losses more accurately. They have contacted the contractor that does the maintenance on the Scada system to help with this issue and are exploring the cost of installing more sensitive transducer to monitor tank levels.

The contract has been awarded for the USDA RD project. The contractor is working on construction and should be installing larger leak detection meters at tank site that we have deemed as problem areas. The Water District is also installing larger meters in areas to measure flow and detect leaks in smaller sections of the distribution system.

The Water District purchased a portable flow meter in 2019 to aid in measuring flow and are in the process of digging and installing pits for utilizing the portable meter as was suggested in the Commission's order. The District has been able to find and repair leaks using the portable flow meter although the unaccounted water loss does not reflect it.

The Water District will begin replacing all residential meters this year and predict completing in the year 2022.

Billing Clerks review meter readings each month and reports are given to treatments plants for comparing sales and pumped in each tank area. Reports are ran and reviewed each month for high, low, and no usage.

The District will be dedicating a separate crew from the distribution system to continually concentrate on leak detection, finding and repairing leaks.

Management has had held meetings personnel to stress the importance of find and repairing leaks and reports are given to the board. The distribution system employees have set goals for reducing unaccounted for water loss in 2020.

The Edmonson County Water District will continue to work toward lowering unaccounted water loss.

If there are any questions please contact me at mail@ecwdwater.com or 270-597-2165.

Respectfully submitted,



Tony Sanders

Edmonson County Water District