

CASE NO. 2013-00237
WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S FIRST INFORMATION REQUEST

31. List and describe all actions that WSKY has taken and that programs that WSKY has implemented since its last general rate case proceeding to minimize operation and maintenance expenses and improve operation efficiency

Response:

1. In November 2012 the Surface Water Treatment plant installed a Stream and Current Monitor at the head of the treatment process to measure positive and negative charges in the daily Coagulant dosage. The Stream and Current Monitoring equipment will allow us to make more detailed chemical feed adjustments and optimize our efficiencies in the chemical feed process at the water treatment plant. While certain other chemical feed changes have occurred over the past several years due to changes in the water quality of Fern Lake and have resulted in certain increased costs, the savings and efficiencies provided by use of this equipment have helped minimize any increases in chemical expenses that have occurred.
2. In December 2012 WSKY, purchased and installed a Remote SCADA system at it Beans Fork pump station along with an in- line Chlorine Analyzer. This installation eliminated daily on-site checks by Operations Staff. Prior to the installation of this equipment, the Operator checked the station 7 days a week, 365 days a year. The installation of this equipment has allowed us to reduce overtime expenses.
3. In 2013, WSKY Field Techs have completed a detailed "Leak Survey Study" of the 100 mile distribution system. From the period of April thru August of 2013, 23 leaks were located and lines repaired or replaced. The Water Loss has been reduced from 12% to 6% which helps minimize O&M expenses associated with Unaccounted Water.

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4. Training expense, for Operator CEU's, has been reduced by all Kentucky staff joining KWWOA (Kentucky Water and Wastewater Operator's Association). All 6-hour training sessions are free for Kentucky Certified Operators that are members of the Organization. Travel and meals have been reduced in which helps minimize O&M expense while allowing our operators to comply with the Kentucky Operator Certification/Training requirements for certified staff.

Witness – Lowell Yap.