



Indiana Finance Authority

Validated Water Loss Audit Program

October 2019

Items to bring to a Water Loss Audit Workshop in order to complete the Audit onsite:

For the year to be audited:

1. Water Supplied

- a. Well meter data, Finished Water Production from treatment plant (million gallons per year)
- b. Data from meter testing and calibrations and year completed
- c. Million gallons per year of water purchased from wholesale supplier (if any)
- d. Million gallons per year of wholesale water sold (if any)

2. Authorized Consumption

- a. Million gallons per year of water delivered and billed - metered
- b. Million gallons per year of water delivered and billed – unmetered
- c. Million gallons per year of water delivered but unbilled – metered
- d. Million gallons per year of water delivered but unbilled – unmetered

3. System Data

- a. Length of mains, number of hydrants (with average lead length) or total length of lead lines to hydrants
- b. Number of service connections – active and inactive
- c. Average length of customer service connection (curb stop to meter or point of entry into the building)
- d. Average operating pressure – measured or estimated

4. Cost Data

- a. Annual cost of operation, including salaries, Operation & Maintenance, Extensions & Replacements, bond repayments
- b. Rate Schedule, including sewer rates if based on water consumption
- c. Variable Production Cost = Cost for treatment + power from source to customer (\$/MG)

Please bring the above items, as well as a laptop computer with a copy of the AWWA Free Water Audit Software, Version 5 (found at <https://www.awwa.org/Resources-Tools/Resource-Topics/Water-Loss-Control>). A copy of the AWWA M36 manual is recommended, but not required. The M36 is designed to supplement the Free Water Audit Software.

Workshop dates and locations are posted on the [IFA Water Loss Audit website](#). Registration is required. To register, visit www.inawwa.org.

Technical Assistance Hotline is also available and can be accessed by contacting our team at 317-426-7437 (M-F, 8-4) or WaterLoss@inawwa.org.

For more information: visit the IFA Water Loss Audit website: <https://www.in.gov/ifa/3013.htm>