

****FREE TRAINING OPPORTUNITY – 3.5 TCHs Available****

**AWWA M36 Water Audit Methodologies Training
Course #: DWT-2017-34**

Public water suppliers with Water Management Act (WMA) permits have regulatory requirements to reduce their unaccounted-for-water (UAW) to ten percent (10%) or less. However, water suppliers tend to consistently be above 10% and may be at a loss on what more they can do to remedy the issue. The American Water Works Association (AWWA) released updated software and M36 guidance manual (4th edition) in 2014. The AWWA M36 methodology provides water suppliers with a uniform approach to determining apparent and real losses in their water systems while also identifying water loss needs and methods for improvement.

Water audits, in combination with other strategies such as leak detection and meter calibration and replacement programs, are important tools for a water supplier looking to optimize their system operation, improve cash flow and achieve environmental benefits. To introduce the M36 process and its benefits to public water suppliers, the Massachusetts Department of Environmental Protection contracted with Weston & Sampson Engineers, Inc. to conduct several training workshops throughout the state. Each workshop will include the following:

- Overview of the AWWA M36 Audit software, methodology, and benefits
- Review of the data needed to complete and validate the audit
- Provide in-class “walk through” of completing an M36 Audit, with examples
- Review the Water Balance, Performance Indicators, and Water Loss Control Planning Guide generated by the Audit
- Group Question & Answer Period

Training Location Options:

Sessions run from 9:00 AM – 2:00 PM – limited to 40 registrants unless otherwise noted

- ✓ Wednesday, June 21, 2017 DEP Central Region Office, 8 New Bond Street, Worcester, MA
- ✓ Thursday, June 22, 2017 DEP Southeast Regional Office, 20 Riverside Drive, Lakeville, MA
- ✓ Monday, June 26, 2017 DEP Northeast Regional Office, 205B Lowell Street, Wilmington, MA
- ✓ Tuesday, June 27, 2017 Commissioner’s Conference Room, DEP Headquarters, 1 Winter Street, Boston, MA (limited to 10 registrants)

Agenda:

8:30 AM – 9:00 AM Registration

9:00 AM – 10:30 AM Overview of M36 Audit process, data needs, & stepping through the M36 Audit

10:30 AM – 10:45 AM Break

10:45 AM – 11:50 AM Review Water Balance, Performance Indicators, and Water Loss Control

11:50 AM – 12:30 PM Lunch Break

12:30 PM – 2:00 PM Group Q&A period; Evaluations/Conclusion

*** Class participants should bring a notepad or computer to the class ***

Presenters:

Tara McManus, Margaret McCarthy — Weston & Sampson Engineers, Inc.

This training is free to participants through funding by the Massachusetts Department of Environmental Protection. Those who successfully complete this training will be awarded 3.5 Training Contact Hours (TCHs).

**AWWA M36 WATER AUDIT METHODOLOGIES TRAINING
COURSE #: DWT-2017-34**

REGISTRATION FORM

Check the session you plan to attend:

- Wednesday, June 21, 2017 DEP Central Region Offices, 8 New Bond Street, Worcester, MA
- Thursday, June 22, 2017 DEP Southeast Regional Offices, 20 Riverside Drive, Lakeville, MA
- Monday, June 26, 2017 DEP Northeast Regional Offices, 205B Lowell Street, Wilmington, MA
- Tuesday, June 27, 2017 Commissioner's Conference Room, DEP Headquarters, 1 Winter Street, Boston, MA (limited to 10 registrants)

Attendee Name: _____

Utility Name: _____

Business Address: _____

Phone: _____ Email: _____

In order to accommodate as many water systems as possible, registration will be limited to 2 people per water system; 1 day prior to the we will notify registrants if additional space is available. Registration is on a first-come, first-served basis with a maximum of 40 registrants per session unless otherwise noted.

Additional Attendee Name: _____

Email or fax registration to:

Rebecca Gonsalves-Lamontagne
WaterAuditTraining@wseinc.com

FAX: (978) 977-0100 c/o Rebecca Gonsalves-Lamontagne

Check here if you have a disability that requires accommodations to participate. We will contact you for further information.