

Waterworks Operator Training Newsletter

November 2015

Good morning! Attached is the November 2015 Operator Training Newsletter for all MSDH-BPWS Regions and following this message are the trainings for your particular region. If you have questions about the counties in your MSDH region, please see the map on the second page of the attachment to this e-mail.

Also, remember to please contact the training agency to make sure the training will be held. The information contained in this document was gathered from the MSDH-BPWS Training Calendar, so we have no information about if a particular training may be cancelled due to unforeseen circumstances.

We often discuss aging infrastructure as a major challenge of the water industry. However, focusing on a pipe's age can overshadow the fact that many breaks result from factors other than age. The composition of the pipe greatly affects its service life, ranging from 55 – 110 years for metal pipe. Approximately 50% of US pipe infrastructure was installed between 1920 and 1970. Though age can be a significant factor in pipe failure, identifying deterioration factors other than age (material quality, manufacturing, corrosion, or installation) can better determine the root cause of failure and improve capital planning.

Corrosion of various metals and concrete is a common problem in some soils. Corrosion affects materials both on the surface and within the soil to various degrees. The useful life of pipe varies considerably depending on such factors as soil conditions, materials used, and characteristics of the water flowing through it. Selecting the wrong pipe material or failing to protect the pipe can greatly shorten the lifespan of water and sewer lines.

A common method for systems to develop a replacement plan is based on *failure data*. Failure data means the pipes essentially have to “die” to make it onto the replacement list. This leads to some major mains being ignored until they fail and become a sudden priority problem for the system.

A more sustainable plan for the system should be to develop a replacement strategy that makes the most of available, often limited, funds to benefit the water system and minimize risk exposure of emergency replacements. One strategy may be to let lower-consequence pipelines age and be repaired, while limited funds are focused on preventative measures to prioritize and replace higher-consequence pipelines before failure. Another strategy is to develop a replacement plan that replaces a small percentage of infrastructure per year. This strategy incorporates new infrastructure across the entire system over many years. If this type of plan is implemented, once the system has replaced the “last” line it is probably time to plan the process over again.

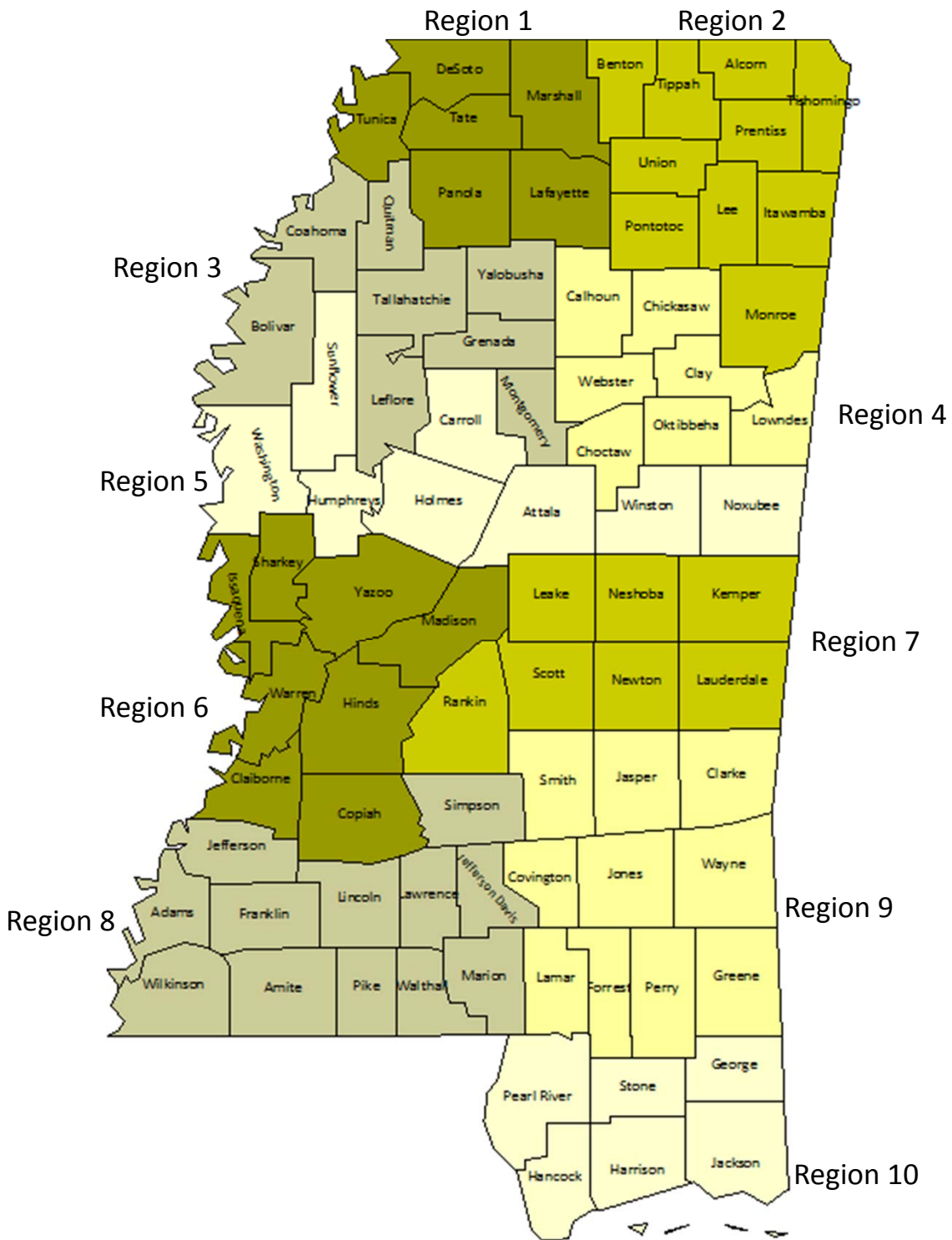
When developing a replacement plan, consider the following factors when determining what to replace first:

- Old/unlined cast pipe
- Soil conditions
- Deterioration factors (mentioned above)
- Improvements to water quality
- Pipes with leak history
- Maintenance history
- Coordinate with city projects, other utility work, or road paving to minimize disruption and cost
- Choose pipe material based on environment

While your system may never catch up, your out-of-sight infrastructure needs attention through either immediate action or long-term planning. Communicating with each other, implementing some type of asset management plan, and educating the public of the necessity of these repairs are proactive strategies that will help ensure that your utilities continue to provide safe water for years to come.

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MSDH-BPWS Region Map



**MSDH Region 1 includes the counties of:
Desoto, Lafayette, Marshall, Panola, Tate and Tunica**

Wednesday, November 4

ACTS Now, Inc. Utility Locator Training

9:00 AM - 5:00 PM

Contact Person: Kerry Brown at 501-548-6363

Training Location: Gold Strike Casino Resort, Tunica (Tunica County)

Training Topics:

- Utility Locator Training Workshop

Total Training Hours: 7 with 1 Regulatory

Wednesday, November 4

ACTS Now, Inc. Damage Investigation Workshop

1:00 PM - 5:00 PM

Contact Person: Kerry Brown at 501-548-6363

Training Location: Gold Strike Casino Resort, Tunica (Tunica County)

Training Topics:

- Damage Investigation Workshop

Total Training Hours: 4 with 0 Regulatory

Wednesday, November 4

ACTS Now, Inc. OSHA Competent Person Training

8:30 AM - 4:15 PM

Contact Person: Kerry Brown at 501-548-6363

Training Location: Gold Strike Casino Resort, Tunica (Tunica County)

Training Topics:

- OSHA Competent Person Workshop

Total Training Hours: 6 with 1.5 Regulatory

Thursday, November 5

ACTS Now, Inc. Damage Prevention Summit

8:00 AM - 4:00 PM

Contact Person: Kerry Brown at 501-548-6363

Training Location: Gold Strike Casino Resort, Tunica (Tunica County)

Training Topics:

- Pipeline Damage Prevention Program
- Pipeline ROW Safety
- Roundtable
- Technology & Productivity Tools
- MS811 Services
- GPS Technology

Total Training Hours: 6 with 1 Regulatory

Friday, November 6

ACTS Now, Inc. Damage Prevention Summit

8:00 AM - 12:00 PM

Contact Person: Kerry Brown at 501-548-6363

Training Location: Gold Strike Casino Resort, Tunica (Tunica County)

Training Topics:

- OSHA Update
- RWEAC Program
- Damage Reporting
- Damage Prevention

Total Training Hours: 4 with 2 Regulatory

Thursday – Friday, November 19 – 20

Backflow Control Backflow Recertification

8:00 AM - 5:00 PM

Contact Person: Roger Crane at 662-333-5007

Training Location: Bethlehem Fire Department, Potts Camp (Marshall County)

Training Topics:

- Hazard of Backflow
- Fundamentals of Backflow
- Methods & Mechanisms for Preventing Backflow
- Testing & Maintenance
- Developing a Backflow Prevention Program
- RP Test Procedures
- Double Check Test Procedures
- PVB Test Procedures
- RP Hands-On Practice
- Double Check Hands-On Practice
- PVB Hands-On Practice

Note: The Recertification review class will be Thursday, November, 19, 2015, 8:00 a.m.

The Backflow Certification and Recertification examinations will be given Friday, November 20, 2015, beginning at 8:00 a.m.

Thursday, November 19

MS811 Training

9:00 AM - 11:00 AM

Contact Person: Jerry Kennemur at 662-415-2904

Training Location: Batesville City Hall, 106 College St., Batesville (Panola County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

**MSDH Region 2 contains the counties of:
Alcorn, Benton, Itawamba, Lee, Monroe, Prentiss, Pontotoc, Tippah,
Tishomingo and Union**

Tuesday, November 10

MS811 Training

9:00 AM - 11:00 AM

Contact Person: Jerry Kennemur at 662-415-2904

Training Location: MDOT, 1909 North Gloster St., Tupelo (Lee County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

Thursday, November 12

MS811 Training

8:30 AM - 10:30 AM

Contact Person: Jerry Kennemur at 662-415-2904

Training Location: Alcorn County Electric, 1909 Tate St., Corinth (Alcorn County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

Tuesday, November 17

MS811 Training

9:00 AM - 11:00 AM

Contact Person: Jerry Kennemur at 662-415-2904

Training Location: Prentiss County Agri-Center, 2301 N 2nd St., Booneville (Prentiss County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

Wednesday, November 18

MsRWA Credentialing Program

8:00 AM - 4:00 PM

Contact Person: Randy Turnage at 601-857-2433

Training Location: City of Pontotoc, Maintenance Shop, 147 Reynolds St., Pontotoc (Pontotoc County)

Training Topics:

- RWEAC
- NIMS Overview
- MEMA
- Site Security
- Communication during Emergencies
- Emergency Preparedness
- ERITN Credentialing Program

Total Training Hours: 7 with 3.5 Regulatory

**MSDH Region 3 contains the counties of:
Bolivar, Coahoma, Grenada, Leflore, Montgomery, Quitman, Tallahatchie, and
Yalobusha**

Tuesday, November 3

MS811 Training

9:00 AM - 11:00 AM

Contact Person: Jerry Kennemur at 662-415-2904

Training Location: Atmos Energy, 14000 New Africa Rd., Clarksdale (Coahoma County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

Wednesday, November 4

MsRWA Operator Training

Contact Person: Robby Mayfield at 800-343-2520 or 601-857-2433

Training Location: Coahoma Community College, Pinnacle Building, 3240 Friars Point Rd, Clarksdale (Coahoma County)

Training Topics:

- Disinfection
- Chlorinators
- SDWA
- SCADA

Total Training Hours: 6 with 3 Regulatory

**MSDH Region 4 contains the counties of:
Calhoun, Chickasaw, Choctaw, Clay, Lowndes, Oktibbeha and Webster**

There are no trainings for this region for the month of November.

**MSDH Region 5 contains the counties of:
Attala, Carroll, Holmes, Humphreys, Noxubee, Sunflower, Washington and
Winston**

Tuesday, November 10

MS811 Training

11:30 AM - 1:30 PM

Contact Person: Henry Greer at 601-942-2106

Training Location: Southern Natural Gas Office, Louisville (Winston County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

Tuesday, November 17

MS811 Training

9:00 AM - 11:00 AM

Contact Person: Henry Greer at 601-942-2106

Training Location: Atmos Office, Kosciusko (Attala County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

**MSDH Region 6 contains the counties of:
Copiah, Claiborne, Hinds, Issaquena, Madison, Sharkey, Warren and Yazoo**

Thursday, November 5

MsRWA Operator Training

8:00 AM – 3:30 PM

Contact Person: Robby Mayfield at 800-343-2520 or 601-857-2433

Training Location: Public Service Commission of Yazoo City, Public Service Commission Building, 210 S. Mound St., Yazoo City (Yazoo County)

Training Topics:

- Disinfection
- Chlorinators
- SDWA
- SCADA

Total Training Hours: 6 with 3 Regulatory

Wednesday, November 18

MsRWA Operator Training

8:00 AM - 3:30 PM

Contact Person: Robby Mayfield at 800-343-2520 or 601-857-2433

Training Location: Hinds Community College, 755 Hwy 27 South, Room 50, Auditorium, Multi-Purpose Building, Vicksburg (Warren County)

Training Topics:

- Disinfection
- Chlorinators
- SDWA
- Leak Location

Total Training Hours: 6 with 3 Regulatory

**MSDH Region 7 contains the counties of:
Kemper, Lauderdale, Leake, Neshoba, Newton, Rankin and Scott**

Friday, November 6

HACH Operator Training

8:00 AM - 12:00 PM

Contact Person: Marvel Schulze at 800-227-4224 Extension: 2344

Training Location: Meridian (Contact Mr. Schulze for more information) (Lauderdale County)

Training Topics

- Introduction to Chlorine Analysis

Total Training Hours: 4 with 2 Regulatory

Wednesday, November 11

MS811 Training

1:30 PM - 3:30 PM

Contact Person: Henry Greer at 601-942-2106

Training Location: EMEPA Office, Meridian (Lauderdale County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

**MSDH Region 8 contains the counties of:
Adams, Amite, Franklin, Jefferson, Jefferson Davis, Lincoln, Marion, Pike,
Simpson, Walthall, Wilkinson**

Thursday, November 12

MsRWA Board Management Training

8:00 AM - 5:00 PM

Contact Person: Monica Adcock at (601) 857-2433

Training Location: Southwest Mississippi Community College, Horace Holmes Student Union, 1156 College Dr, Summit (Pike County)

Training Topics:

- Laws & Regulations
- Duties & Responsibilities
- Operation & Maintenance
- Management & Finance
- Rate Setting
- Long Range Planning
- Customer Service
- Community Relations
- Emergency Preparedness

Total Training Hours: 8 with 2 regulatory hours

Wednesday, November 18

MS811 Training

9:00 AM - 11:00 AM

Contact Person: Henry Greer at 601-942-2106

Training Location: Atmos Energy Office, Natchez (Adams County)

Training Topics:

- MS Dig Law
- Damage Prevention

Total Training Hours: 2 with 1 Regulatory

Thursday, November 19

MsRWA Hands On Operator Training

8:00 AM - 3:30 PM

Contact Person: Robby Mayfield at 601-857-2433 or 800-343-2520

Training Location: Columbia/ Marion County Library, 900 Broad St., Columbia (Marion County)

Training Topics:

- Leak Location
- Water Line Location
- Sampling Requirements
- Sample Collection
- Variable Frequency Drives
- SCADA

Total Training Hours: 6 with 2 Regulatory

**MSDH Region 9 contains the counties of:
Clarke, Covington, Forrest, Greene, Jasper, Jones, Lamar, Perry, Smith and
Wayne**

Wednesday, November 4

MsRWA Credentialing Program

8:00 AM - 4:00 PM

Contact Person: Randy Turnage at 601-857-2433

Training Location: Dixie Community Utility Assoc., 500 Elks Lake Rd., Hattiesburg (Forrest)

Training Topics:

- RWEAC
- NIMS Overview
- MEMA
- Site Security
- Communication during Emergencies
- Emergency Preparedness
- ERITN Credentialing Program

Total Training Hours: 7 with 3.5 Regulatory

**MSDH Region 10 contains the counties of:
George, Hancock, Harrison, Jackson, Pearl River and Stone**

Wednesday, November 4

HACH Operator Training

8:00 AM - 12:00 PM

Contact Person: Marvel Schulze at 800-227-4224 Extension: 2344

Training Location: Gulfport (Contact Mr. Schulze for more information) (Harrison County)

Training Topics

- Introduction to Chlorine Analysis

Total Training Hours: 4 with 2 Regulatory

Tuesday, November 10

MWPCOA Operator Training

9:00 AM - 4:00 PM

Contact Person: Ronnie Lindsey at 601-551-6642

Training Location: St. Martin Community Center, 15008 Lemoyne Blvd., Biloxi (Harrison)

Training Topics:

- Operator Responsibilities
- Record Keeping
- Sampling for Compliance
- Well Maintenance
- Operator/ Board Member Relationship
- Budgeting and Rates

Total Training Hours: 6 with 3 Regulatory
