

Waterworks Operator Training Newsletter

March 2018

Good afternoon! Attached is the March 2018 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 are entering tornado season here in Mississippi, with our first taste of severe weather affecting north Mississippi this past week. The following article on generator maintenance comes from a generator supplier, and contains important pointers to consider *before* severe weather hits your area.

Diesel generator sets – used for either prime or backup (emergency) power – must be regularly maintained to ensure they provide quality power throughout their service life. The life-cycle of power generators is well established and documented making routine maintenance fairly straightforward. Best generator maintenance practice is following the maintenance schedule provided by the manufacturer of the generator. A routine maintenance practice is that of general inspection. Inspections consist of checking for leaks, assessing oil and coolant levels, glancing at the belts and hoses and checking the battery terminals and cables. It is important to inspect the oil as well, as it must be changed regularly. Oil change frequency depends on the manufacturer, how often the generator is used and your work environment. Typically, it is recommended you change the oil after 100 hours of operation, especially if the generator uses diesel.

The long outstanding use of generators over time has provided the necessary knowledge to predict when certain components will fail or be in need of service. A fairly reliable maintenance schedule can usually be acquired from the manufacturer. Adhering to this schedule will ensure maximum service time for the generator and proper operation when it is called upon to provide power.

Generator maintenance requires:

- Annual fuel cleaning and filtering, as diesel fuel degrades quickly. After a few weeks of operation, diesel fuel degrades via contamination of water and microbes, resulting in clogged fuel lines and filters. Fuel cleaning involves using biocides annually in all generators except for the standby generator, in which it will attract moisture.
- The cooling system to be maintained, which requires checking the coolant level at existing intervals. This must be done during shutdown periods.

- Checking for battery power; this is especially true for standby generators, as battery issues are their primary cause of failure. Make sure the batteries are robust and charged enough to last long so as to not incur any start-up hitches for the generator.
- Regular testing to inform of the battery's current status. Testing involves checking the electrolyte levels and specific gravity of the batteries. The batteries themselves also must be clean.

Small investments made in replacing components and maintaining generators on a regular basis can save expensive and unnecessary upgrades or even replacement of the entire generator in the future.

When performing routine maintenance, each action taken should be logged, and the readings and various parameters are recorded along with the date of inspection and hour meter reading of the generator. These set of readings are compared with the next set of data collected. Any absurd variation of readings indicates faulty performance of the unit.

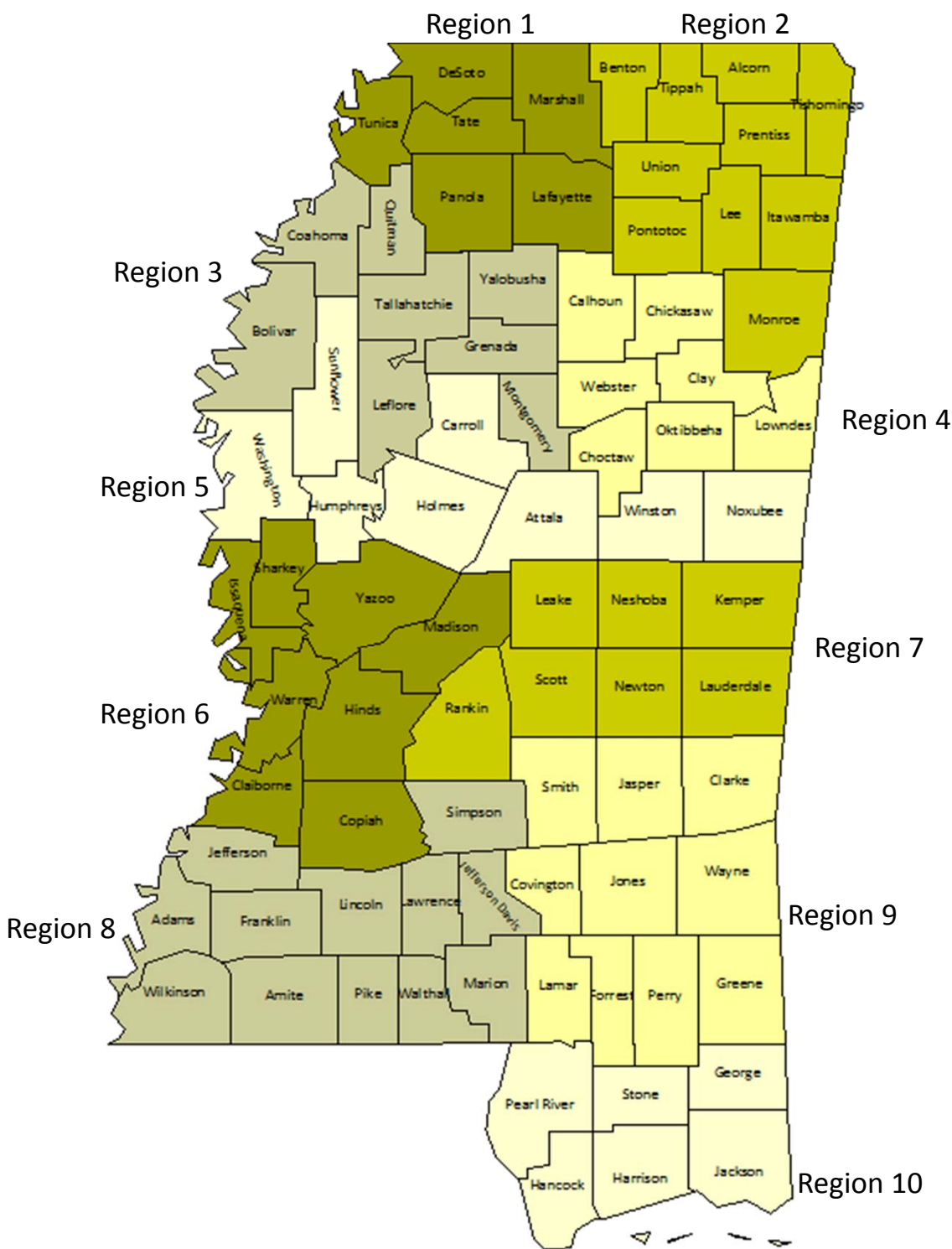
Load testing of automatic transfer switches in regular intervals keeps track of the component's electrical and mechanical integrity in the actual mechanical transfer operation. Other factors to be checked periodically are starting and timing relays, start signal continuity, and utility phase sensing.

Preventative maintenance thus ensures that you get uninterrupted power supply for all your needs.

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MSDH-BPWS Region Map



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

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Tuesday, March 6

MsRWA Board Management Training

8:00 AM – 5:00 PM

Contact Person: Monica Adcock at 601-857-2433

Training Location: Farmington Town Hall, 135 County Road 200, Corinth, MS (Alcorn County)

Training Topics:

- Laws and Regulations
- Rate Setting
- Management and Finance
- Emergency Preparedness

Total Number of Hours: 8 Total with 2 Regulatory Hours

Wednesday, March 7

MsRWA Training

8:00 AM - 3:30 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Town of Farmington, City Hall, 4135 County Road 200, Corinth (Alcorn County)

Training Topics:

- Back Flow Preventers
- Operator Duties & Responsibilities
- Automatic Control Valves

Total Number of Hours: 6 with 3 Regulatory

Tuesday, March 20

MWPCOA District 2 MDEQ Day Session

9:00 AM - 4:00 PM

Contact Person: George Hinnant at 662-295-2792

Training Location: MSU Extension Service Center, 400 CJ Hardin Road, Pontotoc, Ms (Pontotoc County)

Training Topics:

- Confined Space Safety
- Pipeline Cleaning
- TV Inspections

Total Number of Hours: 3 Total with 0 Regulatory Hours

Wednesday, March 21

MWPCOA District 2 MSDH Day Session

9:00 AM - 4:00 PM

Contact Person: George Hinnant at 662-295-2792

Training Location: MSU Extension Service Center, 400 CJ Hardin Road, Pontotoc, Ms (Pontotoc County)

Training Topics:

- DBP Reduction
- Lead & Copper
- MSDH Update
- Using chlorine Dioxide for Disinfection

Total Number of Hours: 6 Total with 3 Regulatory Hours

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street,
Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Thursday, March 8

MsRWA HOOT Training

8:00 AM - 3:30 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: East Lowndes Water Association, 1325 Ridge Road, Columbus (Lowndes County)

Training Topics:

- Operator Duties & Responsibilities
- Drinking Water Sampling Requirements
- GPS MAPPING

Total Number of Hours: 6 with 3 Regulatory

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street,
Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Thursday, March 1

Paradigm Liaison Services Training

5:30 PM - 7:30 PM

Contact Person: Randall Duncan at 877-477-1162 Ext. 120

Training Location: Copiah County Fairgrounds Multi Purpose Building, 2040 W Gallman Road.
Hazelhurst (Copiah County)

Training Topics:

- Damage Prevention
- One Call/811
- OSHA
- State's pipeline mileage overview

Total Number of Hours: 2 with 1 Regulatory

Wednesday, March 14

MsRWA HOOT Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-857-2433

Training Location: 5400 North Midway Road. Raymond, Ms (Hinds County)

Training Topics:

- Energy Conservation
- Flushing Practices and Policies
- MSDH UPDATES

Total Number of Hours: 6 with 3 Regulatory

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

Monday – Friday, March 26 – 30

Best Choice Backflow Services BPAT Certification & Recertification

8:00 AM - 4:00 PM

Contact Person: Bill Johnson at 601-270-3791

Training Location: Metro Mechanical, 1385 Industrial Drive. Bolton, Ms (Hinds County)

Training Topics:

- BPAT Certification & Recertification.

Total Number of Hours: 0

Tuesday, March 27

MsRWA Board Management Training

8:00 AM - 5:00 PM

Contact Person: Monica Adcock at 601-857-2433

Training Location: Mississippi Trademart Center, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- Laws & Regulations
- Rate Setting
- Management & Finance
- Emergency Preparedness

Total Number of Hours: 8 Total with 2 Regulatory Hours

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

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Monday, March 5

Paradigm Liaison Services Training

5:30 PM - 7:30 PM

Contact Person: Randall Duncan at 877-477-1162 Ext. 120

Training Location: First Baptist Church, 900 High School Avenue. Columbia (Marion County)

Training Topics:

- Damage Prevention
- One Call/811
- OSHA
- State's pipeline mileage overview

Total Number of Hours: 2 with 1 Regulatory

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Tuesday, March 6

Paradigm Liaison Services Training

5:30 PM - 7:30 PM

Contact Person: Randall Duncan at 877-477-1162 Ext. 120

Training Location: Lake Terrace Convention Center, 1 Convention Center Plaza, Hattiesburg (Forrest County)

Training Topics:

- Damage Prevention
- One Call/811
- OSHA
- State's pipeline mileage overview

Total Number of Hours: 2 with 1 Regulatory

Thursday, March 15

MsRWA Training

8:00 AM - 3:30 PM

Contact Person: Robby Mayfield at 60-857-2433

Training Location: City of Hattiesburg, Jackie Dole Sherrill Community Center, 220 West Frontage Street, Hattiesburg (Forrest County)

Training Topics:

- Operator Duties & Responsibilities
- Water Well Control Systems
- Locating Underground Utilities.

Total Number of Hours: 6 with 3 Regulatory

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory

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

Wednesday, March 7

Paradigm Liaison Services Training

5:30 PM - 7:30 PM

Contact Person: Randall Duncan at 877-477-1162 Ext. 120

Training Location: Bay St. Louis Community Hall, 301 Blaize Avenue. Bay St. Louis (Hancock County)

Training Topics:

- Damage Prevention
- One Call/811
- OSHA
- State's pipeline mileage overview

Total Number of Hours: 2 with 1 Regulatory

Thursday, March 8

Paradigm Liaison Services Training

5:30 PM - 7:30 PM

Contact Person: Randall Duncan at 877-477-1162 Ext. 120

Training Location: Lyman Community Center, 3427 HWY 49, Gulfport (Harrison County)

Training Topics:

- Damage Prevention
- One Call/811
- OSHA
- State's pipeline mileage overview

Total Number of Hours: 2 with 1 Regulatory

Wednesday, March 14

MsRWA Training

8:00 AM - 3:30 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: City of Bay St. Louis, Community Center, 301 Blaze Avenue, Bay St. Louis (Hancock County)

Training Topics:

- RTCR
- Water Well Control Systems
- Ground Penetrating Radar
- Locating Underground Utilities

Total Number of Hours: 6 with 3 Regulatory

Monday – Wednesday, March 26 – 28

MsRWA Annual Conference

Monday: 1:00 PM - 5:00 PM

Tuesday/Wednesday: 8:00 AM - 5:00 PM

Contact Person: Robby Mayfield at 601-857-2433

Training Location: Mississippi State Fair Grounds, Trade Mart Conference Center, Mississippi Street, Jackson (Hinds County)

Training Topics:

- Emergency Preparedness
- MSDH UPDATE
- Asset Management
- State Revolving Fund
- Unregulated Contaminants
- Flouride

Total Number of Hours: 24 with 12 Regulatory

Monday, March 26

MsRWA NIMS Training

8:00 AM - 3:00 PM

Contact Person: Randy Turnage at 601-422-8964

Training Location: Mississippi Trade Mart, 1200 Mississippi Street, Jackson (Hinds County)

Training Topics:

- NIMS Refresher
- Emergency Preparedness
- Safety in Disasters

Total Number of Hours: 6 with 3 Regulatory
