



# Mississippi Rural WATER

The Mississippi Rural Water Association is proud to host the Collection System Workshop for the purpose of providing formal training with the option of taking the examination for the Mississippi Voluntary Collection System Operator Certificate.

The Collection System Operators' Exam Prep Training will be held at:

January 23-26, 2017 - Mississippi Rural Water Association, 5400 N Midway Road, Raymond, MS 39154, review date is February 16<sup>th</sup>.  
August 21-24, 2017 – Public Works Building, 712-A Pine Dr., Ocean Springs, MS 39564, review date is September 14<sup>th</sup>.

**MWPCOA will provide the examination for the Mississippi Voluntary Collection System Operator will be held on Fridays at the MWPCOA Short School. You can registration for the exam on our registration form and we will send to MWPCOA.**

Wastewater Licensed Operators will be allowed to attend for any DEQ sponsored CECs toward certificate renewal.

This course is designed to train the attendee in the practical aspects of operating and maintaining wastewater collection systems, emphasizing safe practices and procedures. Information is presented on the importance and responsibilities of a collection system staff, the need for collection system O & M, and the components and typical layouts of collection systems. The attendee will learn safety procedures for construction, inspection and testing of sewers, inspection of manholes, and underground construction and repairs. Closed-circuit television, clearing stoppages, cleaning sewers, and controlling roots, grease, odors, and corrosion will be discussed. This course focuses on the knowledge the attendee need to identify actual collection system problems and select appropriate methods to solve them. The attendee will also learn to solve arithmetic problems relating to the operation and maintenance of wastewater collection systems.

**An outline manual will be provided. A calculator will be needed for the math portion and should be used in taking the exam. Cell phone app not acceptable.**

The fee for the Collection System Operator training will be \$150.00. The fee includes instructional costs, outline manual, refreshment breaks and review day with lunch. The exam fee is \$40.00.

Deadline for the training registration and exam for the January class is January 13, 2017 for the **August class is August 11, 2017.**

Students has an option to purchase the Operation & Maintenance of Wastewater Collection Systems, Volume I & II manuals from the Office of Water Programs at California State University online by going to these links.

<http://www.owp.csus.edu/courses/wastewater/operation-and-maintenance-of-wastewater-collection-systems-vol-i.php>

<http://www.owp.csus.edu/courses/wastewater/operation-and-maintenance-of-wastewater-collection-systems-vol-ii.php>

Check website for cost of the manuals.

**5400 N. Midway Road • Raymond, MS 39154-8202**  
**Phone: 601-857-2433 • Fax: 601-857-2434 • Watts: 800-343-2520**  
**Website: [www.msrwa.org](http://www.msrwa.org) • Email: [msrwa@msrwa.org](mailto:msrwa@msrwa.org)**

## **MsRWA Collection System Operators' Exam Prep Training**

### **Monday – January 23, 2017/August 21, 2017**

7:30 – 8:00 am	Registration
8:00 – 9:00 am	Why collection system? – (C1) Responsibilities of the Lift Station Operator –(C2)
9:00 – 10:00 am	Components of the collection system (C3) – Laterals, mains, lift stations, piping.
10:00 –11:00 am	Basic Math – Gallons, Million Gallons, Gallons per minute, Inches to foot decimals, Square Feet
11:00 – 12:00	Blueprints
12:00 – 1:00 pm	Lunch – On Your Own
1:00 – 2:00 pm	Equipment Maintenance (C9)
2:00 – 3:00 pm	Safety Procedures (C4)
3:00 – 4:00 pm	Safety – Traffic Control Video

### **Tuesday – January 24, 2017/August 22, 2017**

8:00 – 9:00 am	Basic Math – Cubic Feet, Gallons, Pounds, Cubic Yards
9:00 – 10:00 am	Math - Pump Drawdown Calculations, Manhole/Main Slope Calculations
10:00 – 11:00 am	Safety – MS 811 Locates - Excavations
11:00 – 12:00	Sewer Renewal –Rehabilitation – (C10) – Underground Repairs (C7)
12:00 – 1:00 pm	Lunch – On Your Own
1:00 – 2:00 pm	Electrical Theory and Troubleshooting
2:00 – 3:00 pm	Electrical Theory and Troubleshooting
3:00 – 4:00 pm	Safety – Confined Space

### **Wednesday – January 25, 2017/August 23, 2017**

8:00 – 9:00 am	Collection System - Pipe Detective – Inspecting and testing (C5)
9:00 – 10:00 am	Collection System – Flow Movers – Pipeline Cleaning (C6)
10:00 – 11:00 am	Collection System – TV Stars CCTV
11:00 – 12:00	Pump Theory and Troubleshooting
12:00 – 1:00 pm	Lunch – On Your Own
1:00 – 2:00 pm	Pump Theory and Troubleshooting
2:00 – 3:00 pm	O & M of Lift Stations – History of Wastewater Collection – (C8)
3:00 – 4:00 pm	O & M of Lift Stations

### **Thursday – January 26, 2017/August 24, 2017**

8:00 – 9:00 am	Review - Chapter 1 – 2 - 3
9:00 – 10:00 am	Review - Chapter 4 - 7
10:00 – 11:00 am	Review - Chapter 5 - 6
11:00 – 12:00	Review - Chapter 8 – 9 - 10
12:00 – 1:00 pm	Lunch - On Your Own
1:00 – 2:00 pm	Sanitary Sewer Overflows Rules
2:00 – 3:00 pm	Permits Pertaining to Collection Systems

Mississippi Rural Water Association

WASTEWATER COLLECTION SYSTEM OPERATORS EXAM PREP TRAINING

Please select which training to attend

- Collection System Operators' Exam Prep Training- Raymond - January 23-26, 2017 - \$150.00
- Pearl Collection System Operators' Exam Fee - \$40.00 – Deadline January 13, 2017
- Collection System Operators' Exam Prep Training- Ocean Springs – August 21-24, 2017 - \$150.00
- Biloxi Collection System Operators' Exam Fee - \$40.00 – Deadline August 11, 2017

NAME: \_\_\_\_\_ COUNTY: \_\_\_\_\_

EMPLOYER: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY/STATE/ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Cell: \_\_\_\_\_

Email Address: \_\_\_\_\_

Please select which training to attend

- Collection System Operators' Exam Prep Training- Raymond - January 23-26, 2017 - \$150.00
- Pearl Collection System Operators' Exam Fee - \$40.00 – Deadline January 13, 2017  
**MUST** check one: \_\_\_\_\_ CS -I      \_\_\_\_\_ CS-II  
The CI (under 1 MGD) and CII level (over 1 MGD)
- Collection System Operators' Exam Prep Training- Ocean Springs – August 21-24, 2017 - \$150.00
- Biloxi Collection System Operators' Exam Fee - \$40.00 – **Deadline August 11, 2017**  
**MUST** check one: \_\_\_\_\_ CS -I      \_\_\_\_\_ CS-II  
The CI (under 1 MGD) and CII level (over 1 MGD)

Please make checks payable to Mississippi Rural Water Association.

Mail check and this form to: 5400 N Midway Road, Raymond, MS 39154

Exams will be given by the Mississippi Department of Environmental Quality at the MWPCOA Short Schools.

Please be sure to register by the deadline so that we can reserve your exam.  
January 13, 2017 for Raymond Class  
August 11, 2017 for Ocean Springs Class

