

**Collection System Training
Registration Packet**

February 24-28, 2020

**Eagle Ridge Conference Center
Raymond, MS**

August 10-14, 2020

**Bost Conference Center
Starkville, MS**





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:

February 24-27, 2020 – Eagle Ridge Conference Center, 1500 Raymond Lake Rd, Raymond, MS 39154

February 28, 2020 – Exam - Eagle Ridge Conference Center, 1500 Raymond Lake Rd, Raymond, MS 39154

Deadline to register: February 7, 2020

August 10-13, 2020 – Bost Conference Center, 190 Bost Drive, Starkville, MS 39759

August 14, 2020 – Exam - Bost Conference Center, 190 Bost Drive, Starkville, MS 39759

Deadline to register: July 24, 2020

Wastewater Licensed Operators will be allowed to attend for any CECs toward certificate renewal. Training has been approved for 26 Non DEQ Sponsored and 1 DEQ Sponsored Hours.

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.

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 \$175.00. The fee includes instructional costs, refreshment breaks and review day with lunch. The exam fee is \$45.00. An outline manual will be available for purchase at the cost of \$35.00.

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
Phone: 601.857.2433 Fax: 601.857.2434
Website: www.msrwa.org Email: msrwa@msrwa.org

MsRWA Collection System Operators' Exam Prep Training

Monday – February 24/August 10, 2020

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	Equipment Maintenance (C9)
11:00 – 12:00	Blueprints
12:00 – 1:00 pm	Lunch – On Your Own
1:00 – 2:00 pm	Basic Math – Gallons, Million Gallons, Gallons per minute, Inches to foot decimals, Square Feet
2:00 – 3:00 pm	Safety Procedures (C4)
3:00 – 4:00 pm	Safety – Traffic Control Video

Tuesday – February 25/August 11, 2020

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 – February 26/August 12, 2020

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 – February 27/August 13, 2020

8:00 – 9:00 am	Review - Chapters 1- 3
9:00 – 10:00 am	Review - Chapters 4 - 5
10:00 – 11:00 am	Review - Chapters 6 - 7
11:00 – 12:00	Review - Chapters 8 - 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

NAME: _____ COUNTY: _____

EMPLOYER: _____

MAILING ADDRESS: _____

CITY/STATE/ZIP: _____

Phone: _____ Fax: _____ Cell: _____

Email Address: _____

___ Collection System Operators' Exam Prep Training- Raymond – February 24 - 27, 2020- \$175.00

___ Exam: Friday, February 28, 2020 - \$45.00 Deadline to register: February 7, 2020

___ Collection System Operators' Exam Prep Training- Starkville – August 10 - 13, 2020 - \$175.00

___ Exam: Friday, August 14, 2020 - \$45.00 Deadline to register: July 24, 2020

MUST check one: _____ CS -I _____ CS-II
The CI (under 1 MGD) and CII level (over 1 MGD)

___ Collection System Outline Manual - \$35.00 will be given out on first day of class.
If you would like to have this manual shipped, please call for shipping & handling fee.

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.

**Please be sure to register by the
deadline so we can reserve your exam.**