

Collection System Training Registration Packet

November 1-5, 2021

Biloxi Civic Center
578 Howard Avenue
Biloxi, MS 39530





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:

November 1-4, 2021 – Biloxi Civic Center, 578 Howard Avenue, Biloxi MS 39530

November 5, 2021 – Exam - Biloxi Civic Center, 578 Howard Avenue, Biloxi MS 39530

Deadline to register: October 18, 2021

Wastewater Licensed Operators will be allowed to attend for any CECs toward certificate renewal. Training hours have been applied for.

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 needs 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 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 – November 1, 2021

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 – November 2, 2021

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 – November 3, 2021

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 – November 4, 2021

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: _____ WW Certification #: _____

COUNTY: _____

EMPLOYER: _____

MAILING ADDRESS: _____

CITY/STATE/ZIP: _____

Phone: _____ Fax: _____ Cell: _____

Email Address: _____

Collection System Operators' Exam Prep Training- Biloxi – November 1-4, 2021 - \$175.00 \$ _____

Exam: Friday, November 5, 2021 - \$45.00 Deadline to register: October 18, 2021 \$ _____

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.

TOTAL \$ _____

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.**