



You are invited  
to attend the

## 2019 MOWRA Wastewater Training

When: Tuesday April 2nd

Time: Registration starts at 8:30

Cost: FREE

Where: Luce County Office  
14150 Hamilton Lk Rd.,  
Newberry  
-Basement conference room -

Sponsored by:



## AGENDA

- 8:30 Registration
- 9:00 Introduction & Goals
- 9:15 Septic Tanks
- Function & Purpose
  - Construction & Watertight Testing
  - Installation
  - Tank access & Safety issues
  - Maintenance of tanks & filters
- 9:45 Wastewater Characteristics
- Hydraulic loading
  - Organic loading & constituents
  - High-strength wastewater
  - Treatment processes in wastewater
- 10:30 Break
- 10:45 Importance of Soil
- Factors affecting water movement
  - Soil as treatment
  - Construction impacts on soil performance
- 11:30 Pumps & Controls
- Proper installation for dosing tanks
  - Dosing methods
  - Flow measurement devices & maintenance
- 12:00 Lunch (provided)

## AGENDA (continued)

- 12:45 Distribution Methods
- Gravity distribution options
  - Pressure distribution options
- 1:45 Break
- 2:00 Advanced Treatment Methods
- Fixed film treatment
  - Suspended growth treatment
  - Combination system & multi-step process
- 3:00 Standards of Practice
- Key elements in design, installation, & maintenance
- 3:15 Questions & Answer
- 3:30 Conclusion



**6 continuing education credits will be granted to LMAS licensed septic installers that are present and have signed-in at front table.**

**Installers from areas outside of the LMAS district – please provide your local agency with proof of attendance and copy of agenda for their review.**