

VIRGINIA RURAL WATER ASSOCIATION
PRESENTS

Wastewater Treatment Principles; From Intake to Discharge (7.0 CPE's for Wastewater)

Dates & Locations

February 23, 2012
Town of Warsaw, VA
Warsaw Council Chamber
78 Belleville Lane
Warsaw, VA 22572

March 8, 2012
Town of Mount Jackson
Mount Jackson Town Hall
5901 Main Street
Mount Jackson, VA 22847

Quality On Tap!

VRWA

2138 Sycamore Avenue

Phone: 540-261-7178

Fax: 540-261-2465

On the web: www.vrwa.org

Overview

This course is designed to give an overview of wastewater treatment principles in both fixed film and activated sludge. The class covers basic chemistry, types of treatment, nitrification and de-nitrification, sludge production and tertiary treatment techniques. It is recommended for new operators and operators who are seeking certification or license upgrade.

Instructor: Donna Lawson, Wastewater Tech II—VRWA

Class Times : All locations 8:00 am—4:00 pm
(1-hr lunch, not provided)

Cost: Free (RD Funded)

To Register: Visit the Training page on the VRWA website (www.vrwa.org) and follow the instructions for on-line registration (preferred) or complete the registration form on the back of this page and fax it to the VRWA office at 540-261-2465



Wastewater Treatment Principles, From Intake to Discharge

Class Registration Form

Class Title: _____

Class Location: Class Date: _____

Name (as it appears on your license): _____

User ID (required): _____

(1st 3 Letters of your Last Name & Last 4 digits of your SSN—i.e. Smith = smi1234)

System/Organization: _____

Title (job): _____

Address: _____

Phone: _____ Fax: _____

E-mail Address (required): _____

Course Outline

Introduction

Sign In

Environmental History

Water Chemistry

Pretreatment

Break

Microorganisms

Ponds, RBCs and Trickling Filters

Break

Package Plants, Oxidations Ditches,
SBRs

Lunch (On Your Own)

Course Outline, continued

Nitrification/De-nitrification

Break

BNR and ENR

Break

Sludge Production— Aerobic and Anaero-
bic

Land fill/land application

Dismiss

Driving Directions

Directions to Warsaw (Council Chamber):

Town of Warsaw Council Chamber
78 Belleville Lane
Warsaw, VA 22572

From Bowling Green: Take US-301 North to US-17. Turn Right onto US-17 South and travel approximately 26.5 miles to US-360. Turn Left onto US-360 East and travel approximately 6.6 miles to Main Street in Warsaw. Turn Left onto Main Street and then the 2nd Right onto Belleville Lane; the Town Hall will be on the Right.

From Fredericksburg: Take US-17 South to US-360 in Tappahannock. Turn Left onto US-360 East and travel approximately 6.6 miles to Main Street in Warsaw. Turn Left onto Main Street and then the 2nd Right onto Belleville Lane; the Town Hall will be on the Right.

From Kilmarnock: Take VA-3 West into Warsaw. Turn Left onto Richmond Road and travel 0.4 miles to Hamilton Blvd/State Rt. 1001. Turn Right onto Hamilton Blvd/State Rt. 1001 and take the first Left onto Belleville Lane; the Town Hall will be on the Left.

Directions Mount Jackson Town Hall/Visitor's Center:

Mount Jackson Town Hall/Visitor Center
5901 Main Street
Mount Jackson, VA

From Luray: Take US-211 West toward New Market. Turn Right onto US-11 N. Go 6.9 miles; Town Hall/Visitor's Center will be on Left.

From 1-81 Northbound: Take Exit 269 (Shenandoah Caverns). Turn Right onto VA-730/Caverns Road. Turn Left onto US-11/Old Valley Pike. Go 2.8 miles; Town Hall/Visitor's Center is on the Left.

From 1-81 Southbound: Take Exit 273 VA-292/VA-703 Toward Mount Jackson. Turn Left at Mount Jackson Rd/VA-703; Continue onto Main Street/Old Valley Pike/US-11 S. Go 1.1 miles. Town Hall/Visitor's Center will be on the Right.