

MISSOURI WATER ENVIRONMENT ASSOCIATION



Wastewater Plant Operation and Maintenance Workshop

July 25, 2008

Willow Springs Golf Course
1 Mile north of Willow Springs on Hwy 137

www.mwea.org

Wastewater Plant Operation and Maintenance

July 25, 2008

Willow Springs Golf Course
Hwy 137
Willow Springs, MO 65793

Name: _____

Company: _____

Address: _____

Phone: _____

email: _____

WEF Number _____

___ \$ 20.00 WEF Members

___ \$ 30.00 Non-Members

(Does NOT include Lunch)

Make check payable to: **MWEA**
Mail registration form and check to:

Wayne Humes
1132 Reavis Barracks Rd.
St. Louis, MO 63125
(314) 267-5227

Registration form with payment must be received by:
July 19, 2008

** No refunds will be made after the registration deadline **

MasterCard or VISA Accepted

Number _____

Expiration Date _____

Name on Card _____

Signature _____

Billing Address _____

Wastewater Plant “Operation and Maintenance” Training

LOCATION: Willow Springs Golf Course Banquet Room
1 mile north of down town Willow Springs on Hwy 137
DATE: July 25, 2008
TIME: 8 am - 4 pm

This course is offer by the Missouri Water Environment Association (MWEA)
Course instructor – E.C. West, Missouri Department of Natural Resources, Water Specialist

8:00 am – 9:45 am

1. Operate and Report According to your “Missouri State Operating Permit” (NPDES)
 - A. Understanding Your Permit (examples on power point)
 - B. Understanding Your “Monthly Discharge Monitoring Report (example on power point)

9:45 am – 10:00 am **BREAK**

10:00 am – 12:00 noon

2. Operate and Report According to 10 CSR 20-9, Treatment Plant Operations
 - A. “Lagoon” operation controls
 - B. “Mechanical Plant” operation controls
 - C. “Activated Sludge” operation controls
 - D. “Digester” operation controls
 - E. “Chlorination” operation controls(hand-out of Chapter 9 and thoroughly reading and explaining chapter 9)

12:00 – 1:00 pm **LUNCH**

1:00 – 2:45 pm

3. Using Your “O & M” Manual
 - A. Setting up a maintenance schedule
 - B. Required spare parts, lubricants, tools, etc. to have on-hand
 - C. Start up of a new system according to the “O & M” Manual

2:45 – 3:00 pm **BREAK**

3:00 – 4:00 pm

4. Inspection Check List Operations
 - A. Lagoons, Primary Clarifier, Activated Sludge, Trickling Filter, Wetland & Overland Flows, Secondary Clarifier, Sand Filters, Chlorination, Digesters, Bar Screen, Grinders, Lift Station, Land Application, Laboratory (inspection check list hand outs)

DNR Course # 0804367

Drinking Water – 0.0hrs Distribution – 0.0hrs Wastewater – 6.5hrs CAFO – 0.0hrs

MWEA Voluntary Collection Systems Operator Certification Renewal Credit – 0.0hrs

MWEA Voluntary Certification Program – Lab Certification – 6.5hrs

MWEA is NOT accepting MO DNR training vouchers for this seminar