

## Certification Exam

Test Date:

*Friday, Jan. 22nd, 2010*

**\*\*\*IMPORTANT\*\*\***

PRE-REGISTER WITH  
JULIE ALLEN  
AT LEAST 2 WEEKS PRIOR TO  
EXAM

To Pre-Register  
Call Julie @ MTDEQ: 444-4584

Exam will be administered by  
MTDEQ Certification Office at the  
MRWS Training Room at  
925 7th Avenue South  
Great Falls, MT.

**NOTE:** Exam will only be administered if there are 5 individuals signed up, so if you are planning to take the exam sign up as soon as possible.



Montana Rural  
Water Systems, Inc.  
Presents

*The  
2010  
Annual Small  
Systems Seminar  
&  
Colony Training*

—PLUS—

Operator  
Certification Review  
&  
Certification Exam  
By MT DEQ

CEC's 0.7 Total  
0.4 Water  
0.3 Dual

Montana Rural Water  
Systems, Inc.  
925 7th Ave S.  
Great Falls, MT. 59405

For More Information Contact:

### MAIN OFFICE

Phone: 406-454-1151

Fax: 406-454-3116

E-mail: [mrws@worldnet.att.net](mailto:mrws@worldnet.att.net)

—Or—

Contact

Kevin Durocher

MRWS Training Specialist

406-788-3338

[kdurocher@3riversdbs.net](mailto:kdurocher@3riversdbs.net)

## Annual Small Systems & Colony Training

*Wednesday, Jan. 20th, 2010*

**Where:** Great Falls COT (College of Technology)  
Heritage Hall  
2100 16th Avenue South, Great Falls

**7:30 am — 8:00 am**    **Registration**

**8:00 am — 9:00 am**    **“Groundwater Rule Made Simple”** [0.1 Water] (John Camden—MRWS)

- > Overview of the rule
- > Public Health Benefits
- > Critical Requirements
- > Source Water Monitoring
- > Compliance Monitoring
- > Sanitary Surveys

**9:00 am — 10:00 am**    **“Variable Speed Pumping for Small Systems”** [0.1 Dual] (Deon M. Stockert—AE2S)

- > Intro to VFD Pumping and Motors
- > Hydraulic and Electrical Considerations
- > Typical Applications
- > Cost Analyses
- > Hints for Rehabilitating Existing Pumps

**10:00 am — 12:00 am**    **“Backflow Prevention and Cross Connection Control Programs ”**  
[0.2 Dual] (Shaun Mulligan—Fanning & Associates)

- > Backflow preventer design and application
- > Plumbing Code review for backflow preventers
- > Performance standards for backflow prevention valves
- > Isolation and containment backflow preventer applications
- > Cross Connection program, valve certifications and the market place
- > Unexpected results from Cross Connection Control Program

**12:00 pm — 1:30 pm**    **———— LUNCH ON YOUR OWN ————**

**1:30 pm — 2:30 pm**    **“PWS Sample Collection Procedures”** [0.1 Water] (Shari Endy—Energy Labs)

- > Sample Collection: Do's & Don'ts
- > How to sample for different types of contaminants
- > Timing your sample collection to the mail & lab schedule
- > Examples of what *Not To Do*

**2:30 pm — 4:30 pm**    **“Understanding Monitoring Schedules”** [0.2 Water] (Shari Endy—Energy Labs & MRWS Staff)

- > Planning for this year's & future sampling requirements for your system

**4:30 pm — 5:00 pm**    **“Wrap Up”** (MRWS Staff) CEC Forms & Announcements.

## Operator Certification

### Review Session

**Class 3,4,5**

*Thursday*

*January 21st, 2010*

**8:00am—5:00pm**

**MRWS Training Building**  
**925 7th Ave So., Gt. Falls, MT**

- ◆ Review math equations for dosage, detention time, pressure, flow, etc.
- ◆ Review all pertinent terminology relating to groundwater systems & lagoons.
- ◆ Discuss chemical properties related to groundwater.
- ◆ Review regulatory language related to drinking water & wastewater lagoons.
- ◆ Discuss pump characteristics and hydraulics.
- ◆ Review disinfection properties and methods.

***BRING ALL STUDY MATERIALS!!!***

***Study before attending & bring your list of questions so we can focus on those specific areas where you need the most help.***

Please call the office if you plan on attending this session. (454-1151)

**No CEC's for this session!**