



**MWOA/CSWEA
LABORATORY
COMMITTEE**
Summer Training
Seminar
June 17, 18th, 2009
St. Peter Community Center
St. Peter Minnesota

May 4, 2009

The Minnesota Wastewater Operator's Association (MWOA) and Central States Water Environment Association (CSWEA) Laboratory Committee is holding their annual summer training seminar June 17, 18, 2009 at the St. Peter Community Center, 600 South 5th Street, Saint Peter, MN.

This is the only information you will receive for this seminar! NOTICE – NEW LOCATION

Enclosed is the registration information for this seminar. In order to save the on the cost of the mailing, this is the only copy your facility will receive; please share it with your co-workers and other interested parties!

Also, note that you will **not** receive confirmation of registration by US mail (this is again to save costs). If you wish to receive confirmation of registration, please provide an e-mail address. You will receive your confirmation by e-mail if requested.

Just two notes about the seminar:

- No refunds will be given after June 12, 2009. If you must cancel your registration, you must notify Patti Mettler before June 12, 2009.
- Registration must be for the entire seminar, no one day registrations are available.
- To receive the certificate of attendance, you must attend the entire seminar.
- Registration is limited to 60 attendees.

We hope to see you in June!

Sincerely,

Marion Graham, MWOA/CSWEA Laboratory Committee
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Hutchinson MN 55350
ggraham@hutchtel.net
612-590-3082

www.mwoa.net
www.cswea.org

**MWOA/CSWEA Laboratory Committee
Summer Seminar**

June 2009 17th, 18th, 2009

Saint Peter Community Center
Room 219
600 South 5th Street
St. Peter MN 56082

Seminar Cost \$120

General Topics

MDH Accreditation Program Updates
Microbiology QC Rule Requirements for the Laboratory
(Method Review and Implementing QC Requirements)

Presenters

June 17th: MDH Lab Accreditation Unit
June 18th: Jeff Brenner and Lindsey Mattila, MDH Public Health Lab

(12 Indirect wastewater hours are awarded for completion of this seminar)

June 17th 2009

7:30 – 8:00 Registration
8:00 – 3:30 MDH Update/Method Review

June 18th, 2009

8:00 – 3:00 Implementing Microbiology QC requirements

CONTACT INFORMATION:

Patti Mettler
City of Mankato WWTP
(507) 387-8667
pmettler@city.mankato.mn.us

Mary Ann Baumgart
MVTL
(507) 233-7139
mbaumgart@mvtl.com

June 17, 2009

Host: MWOA/CSWEA Laboratory Committee

Presenters: TBD (MDH Lab Accreditation)

7:30 Registration

8:00 – Welcome

8:15 – Intro to Microbiology: Why this session? (Patti Mettler, Lab Committee Chair)

8:30- Regulations (SDWA, CWA)

9:00- Content of Standard Operating Procedures vs. QA Manual

9:30- Common inspection deviations for Microbiology testing

10:00 – Break

10:15 – Sample Handling, Receipt
Handling and Collection
Sample Acceptance/Rejection Policy
Chain-of-custody

12:00 - Lunch

1:00 – Corrective Actions
Client Communications
SDWA Actions for Positive cultures

1:30- PT's
Employee Training and Documentation

2:00- Reporting
Documentation and Record keeping
Data Handling

3:00- Q & A

3:30- Adjourn

June 18, 2009

Presenters: Jeff Brenner, Lindsey Mattila (MDH Environmental Laboratory)

8:00- Coliform Microbiology Methods review

Enzyme Substrate Methods	Fermentation Broth Methods	Filtration Methods
Colilert	P-A Broth	Modified mTEC
Colilert-18	LTB, BGLB	m-Endo/LES Endo
Colisure	A-1 Broth	MFC
ReadyCult		mColiBlue
Quantitray		

9:00- Heterotrophic Plate Count
Pour Plate
SIM Plate
R2A

9:30- Support Equipment
Labware/Glassware
Autoclaves and UV Sterilization,
Incubators, Water Baths and Ovens
Membrane Filters and pads
Temperature Monitoring

10:00 Break

10:15- Standards, Reagents and Media
Sterilization
Water Quality
Media

11:15- Quality Control Procedures (Part 1)
Sterility checks and blanks
Positive and Negative Controls
Test Variability (Comparison of Plate counts)

12:00 Lunch

1:00 - Quality Control Procedures (Part 2)
Dilutions and Calculations
Duplicate analysis
Verification for MTF and Membrane filtration methods

3:00- Adjourn

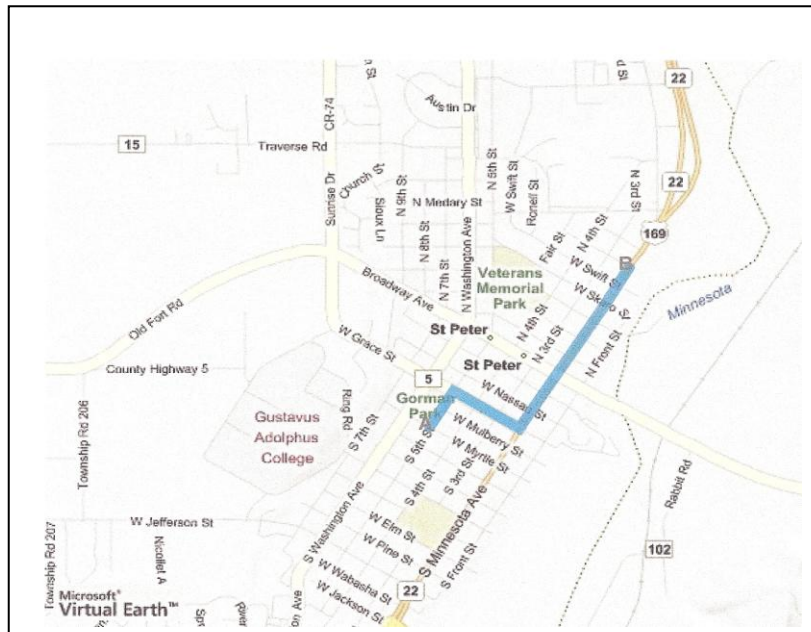
Americinn and St. Peter Community Center Information

Americinn Rate is \$66.90 for one person and \$74.90 for two.
You must mention you are with the MWOA/CSWEA Laboratory Seminar to get this special rate.

To get the seminar price, hotel reservations need to be made by **May 18th.**

A.
Seminar Location:
St. Peter Community Center
600 S. 5th Street
Saint Peter, Minnesota 56082
(507) 934-0667

B.
Hotel Location
AmericInn
700 N. Minnesota Ave.
Saint Peter, Minnesota 56082
(507) 931-6554



Driving Directions to Saint Peter Community Center:
From State Hwy 169, turn west onto Grace Street, Turn Left onto Washington Ave.
turn left into parking lot. Enter Door B on west side of the building.

Seminar will be in Room 219
Registration begins at 7:30 am on June 17th

REGISTRATION FORM

No refunds will be given unless notice is received by June 12th 2009!!

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY STATE and ZIP: _____

PHONE: _____

E-MAIL: _____

Check here if you wish confirmation of registration (e-mail only)

Note: please include email address if you wish to be contacted about future MWOA/CSWEA laboratory training sessions

SPECIAL MEALS? YES _____ SPECIFY: _____

ENCLOSED: \$120

DEADLINE FOR REGISTRATION IS JUNE 2nd, 2009. PAYMENT MUST BE WITH CHECK OR MONEY ORDER . SORRY NO PURCHASE ORDERS.

Make checks payable to: MWOA

REMIT PAYMENT WITH THIS FORM TO :

PATTI METTLER
CITY OF MANKATO
PO Box 3368
MANKATO MN 56002-3368

SIGNATURE: _____

Date: _____