

SPRING 2008
TRAINING SCHEDULE

Massachusetts Wastewater Operator Training

WASTEWATER TREATMENT COURSES

The New England Interstate Water Pollution Control Commission (NEIWPCC) in conjunction with the Department of Environmental Protection (DEP) and the Massachusetts Water Pollution Control Association (MWPCA) is offering the Spring 2008 Training Schedule with courses in the operation and maintenance of wastewater treatment plants and review sessions for certification examinations.

New! *NEIWPCC now offers the ability to join the MWPCA when you register for a class and immediately receive the member's discount. See pages 17 and 18 for details.*

Websites

Schedules and detailed course information can be viewed or downloaded from the following websites:

www.mwpc.org

www.neiwpcc.org

www.newea.org

Contact NEIWPCC with questions concerning the Massachusetts Training Schedule.

NEIWPCC

116 John Street

Lowell, MA 01852

Attention: Massachusetts Training

Telephone: (978) 323-7929

Fax: (978) 323-7919

E-mail: training@neiwpcc.org

LISTING OF COURSES / REVIEW SESSIONS

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IMPORTANT NOTICE!

Training Consortium Coordinates Massachusetts Wastewater Operator Training Program

As of July 2005, New England Interstate Water Pollution Control Commission (NEIWPCC) is fully coordinating the state's Wastewater Operator Training Program with the assistance of Massachusetts Rural Water Association (MASSRWA), New England Water Environment Association (NEWEA), the Massachusetts Water Pollution Control Association (MWPCA), and others.

NEIWPCC's role also includes the coordination of the Massachusetts operator certification program. NEIWPCC's role consists of processing applications for the semi-annual certification exam; the scheduling of exam dates, proctors, and locations; and the coordination of license renewals every two years. *As of July 2007, NEIWPCC now leads the certification program in conjunction with the Board of Certification and will maintain the issuance of operator licenses, appeals, emergency applications and other matters that are statutory requirements.*

For more information on the Massachusetts Wastewater Operator Training Program or Certification Exams, contact NEIWPCC at (978) 323-7929, by e-mail at training@neiwpc.org or visit our website at www.neiwpc.org. For Certification issues, contact Rose Decie directly at (978) 323-7929, ext. 246.

GENERAL REGISTRATION INFORMATION

All registrations and book purchases for courses and review sessions must be:

(1) Prepaid and accompanied by the appropriate two-sided Registration Form and

(2) Mailed to:

**NEIWPCC – MA TRAINING
116 JOHN STREET
LOWELL, MA 01852-1124**

Checks or money orders should be made payable to NEIWPCC Training. Purchase orders and credit cards (Mastercard/Visa/Discover) are also accepted. Telephone reservations are not acceptable for course registrations.

NOTE NEW POLICY: *There will be a \$15.00 fee for checks returned due to insufficient funds.*

PLEASE REGISTER EARLY

Courses and review sessions have a limited number of seats available. Please register early since **registration is handled on a first come, first served basis.**

PROCESSING YOUR REGISTRATION

All registrations must be **received at least seven (7) days prior to the start of a course or review session** to ensure proper processing. **Registrations received after this time will incur a \$15 late fee.** Failure to meet this requirement may prevent your registration from being accepted. Each registrant will receive by mail a written confirmation and directions to the training location if the registration information has been received in a timely manner.

CANCELLATION/REFUND POLICY

Seven days notice is required **IN WRITING** (mailed or faxed) for you to cancel at no cost. Cancellations received after this time will be charged \$25 for programs under \$100 and \$50 for programs over \$100. Registrants who do not cancel or who fail to show are responsible for full payment.

3-DAY BASIC WASTEWATER MATH COURSE



Bring your calculator to each class!

This 3-Day Basic Wastewater Math Course has been designed to help students develop basic math skills and to provide a review of basic math concepts and computations.

This course will help prepare students for the basic math skills that are used for the Grade 1 & 2 certification exams in Industrial Wastewater Treatment and Municipal Wastewater Treatment.

A quick review of the operation of fractions will be presented. Unit analysis and the importance of working with conversion factors will be explained in detail. Percentages, proportions, and concentrations will be covered. An introduction to problem solving and basic wastewater treatment formulas will also be presented.

<i>DATES OFFERED</i>		
Wednesdays, February 27, March 5 and 12, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 125.00	\$ 150.00
Late fee (if not received by 2/20/2008)	\$15.00	
Instructor: James LaLiberte, NEIWPC		TCHs: 18

OPERATION OF MUNICIPAL WASTEWATER TREATMENT PLANTS
(GRADES 1-3), 6-WEEK COURSE (2 SESSIONS)*

**New for 2008: Grade 3 included in this course.*


This 6-week course has been designed to introduce students to the basic information relative to the operation of municipal wastewater treatment plants. The basic math used in wastewater treatment will be covered during the course. This training will assist students in preparation for the **Massachusetts Municipal Grades 1, 2 or 3** certification exams.


The **3-DAY BASIC WASTEWATER MATH COURSE** may be helpful for students that need a review of basic math operations. **Bring your calculator to class.** The following material will be presented in this course:

- Week 1:** Overview of Wastewater Treatment. – Regulations. – Operator Responsibilities. – Wastewater Sources and Characteristics. - Preliminary Treatment. – Objectives and Equipment.
- Week 2:** Primary Treatment. – Objectives and Equipment. – Sludge & Scum Removal. – Secondary Treatment. – Trickling Filters. – RBC’s. – Math Review.
- Week 3:** Activated Sludge. – Secondary Clarification. – Math Review.
- Week 4:** Disinfection. – Advanced Treatment. – Math Review.
- Week 5:** Introduction to Pumps, Electricity and Instrumentation. - Math Review.
- Week 6:** Sludge/Residuals. – Thickening/Conditioning/Dewatering. – Laboratory. – Safety and Housekeeping. – Practice Exam.

Please Note: Joining MWPCA while you register pays for itself immediately!

The following textbooks will be needed for this course:
Text: Sacramento, Operation of Wastewater Treatment Plants, Volume I, 6th Edition
 and
 Sacramento, Operation of Wastewater Treatment Plants, Volume II, 6th Edition

<i>DATES OFFERED</i>		
Session 1: Thursdays, March 20 and 27, and April 3, 10, 17 and 24, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 240.00	\$ 280.00
Course and Books * 	\$ 340.00	\$ 380.00
Late fee (if not received by 3/13/2008)	\$15.00	
Instructor: James LaLiberte, NEIWPCC		TCHs: 36

<i>DATES OFFERED</i>		
Session 2: Tuesdays, March 25, April 1, 8, 15, 22 and 29, 2008		
LOCATION	TIME	
The Robbins Company, Attleboro, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 240.00	\$ 280.00
Course and Books * 	\$ 340.00	\$ 380.00
Late fee (if not received by 3/18/2008)	\$15.00	
Instructor: James LaLiberte, NEIWPCC		TCHs: 36

*If you would like your books mailed to you prior to start of class, please add an additional \$5.00 (per book) to total cost.

OPERATION OF MUNICIPAL WASTEWATER TREATMENT PLANTS
(GRADES 4 & UP), 6-WEEK COURSE*

**New for 2008: This course begins at Grade 4 Level*



Bring your calculator to each class!

This 6-week course has been designed to provide students with a deeper understanding of the operation of wastewater treatment plants. This training should assist in preparing for the higher level Massachusetts municipal exams, **Grades 4 & Up**. Each student must be prepared to develop wastewater math skills.

It is expected that students enrolling in this course have a working knowledge of wastewater treatment plants and the contents of Sacramento "Operation of Wastewater Treatment Plants, Volume 1".

Students who need to review basic math skills would benefit by taking the **3-DAY BASIC WASTEWATER MATH** course listed in this schedule.

The following material will be presented in this course:

- Week 1:** Basic Municipal Wastewater Review. – Rules & Regulations. – Management. - Basic Math Review.
- Week 2:** Activated Sludge & Microbiology. – Math Review.
- Week 3:** Activated Sludge, Nitrogen & Phosphorus Removal. – Math Review
- Week 4:** Utility Management (functions of a manager, financial management, operation & maintenance safety program, emergency response plan, recordkeeping, etc.).
- Week 5:** Hydraulics (including pumps). – Electricity (including motors and instrumentation).
- Week 6:** Lab management. – Solids handling. – Effluent disposal. – Practice exam.

Please Note: Joining MWPCA while you register pays for itself immediately!

The following textbooks will be needed for this course:

Text: Sacramento, Operation of Wastewater Treatment Plants Volume II, 6th Edition
 and
 Sacramento, Advanced Waste Treatment, 5th Edition

<i>DATES OFFERED</i>		
Mondays, March 17, 24 and 31 and April 7, 14 and 28, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 240.00	\$ 280.00
Course and Books *	\$ 340.00	\$ 380.00
Late fee (if not received by 3/10/2008)	\$15.00	
Instructors: Charles Conway and Don Kennedy, NEIWPC	TCHs: 36	

*If you would like your books mailed to you prior to start of class, please add an additional \$5.00 (per book) to total cost.


BASIC INDUSTRIAL WASTEWATER TREATMENT,
5-WEEK COURSE, (2 SESSIONS)


This 5-week course is designed for those individuals interested in the **Massachusetts Grades 1 & 2 Industrial** Certification Exams. It is a prerequisite for the Intermediate Industrial Wastewater Treatment Course. Both the Basic and the Intermediate Courses are recommended for students taking the Industrial Grades 3 & 4 exams and the Industrial segments of the Grades 5 & 6 Combined exams.

This course will cover: Basic chemistry/basic wastewater chemistry; wastewater characteristics; metal finishing processing, regulation and monitoring; chemical feed systems/chemical handling; equalization; pH adjustments/neutralization; metal hydroxide precipitation; coagulation/flocculation/clarification; red-ox chemistry; chromium treatment; cyanide treatment; complexes and chelates; other metal precipitation; sludge dewatering; and granular media filtration.

Please Note: Joining MWPCA while you register pays for itself immediately!

The following textbook will be needed for this course:
Text: Sacramento, Industrial Waste Treatment, Volume 1, 3rd Edition

<i>DATES OFFERED</i>		
Session 1: Tuesdays, March 18 and 25 and April 1, 8 and 15, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 240.00	\$ 280.00
Course and Book * 	\$ 290.00	\$ 330.00
Late fee (if not received by 3/11/2008)	\$15.00	
Instructor: Don Burford, Blue Heron Corporation		TCHs: 30

<i>DATES OFFERED</i>		
Session 2: Wednesdays, March 26 and April 2, 9, 16 and 23, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 240.00	\$ 280.00
Course and Book * 	\$ 290.00	\$ 330.00
Late fee (if not received by 3/19/2008)	\$15.00	
Instructor: Don Burford, Blue Heron Corporation		TCHs: 30

*If you would like your book mailed to you prior to start of class, please add an additional \$5.00 (per book) to total cost.

NPDES LABORATORY COURSE

Designed for: Wastewater operators and laboratory personnel who perform laboratory analysis for NPDES compliance.

The course will present correct sampling and laboratory procedures including hands-on demonstrations for conventional NPDES parameters. Laboratory equipment, approved methods, analytical procedures, calculations and quality assurance/quality control (QA/QC) will be included.

Topics:

- 1) Sampling
- 2) pH
- 3) Solids
- 4) BOD
- 5) QA/QC

Learning Objectives:

- 1) List sample holding times & containers
- 2) List approved methods
- 3) Calculate analytical results
- 4) Define Quality Assurance

Week 1: **Introduction to Laboratory:** Laboratory equipment. Basic laboratory skills. Sampling

Week 2: **Solids and pH:** Approved methods. Sampling. Analytical procedures. Calculations QA/QC.

Week 3: **Coliform:** Approved methods. Sampling. Analytical procedures. Calculations. QA/QC

Week 4: **DO & BOD:** Approved methods. Sampling. Analytical procedures. Calculations QA/QC

Text: Wastewater Laboratory Manual, PA DEP (included with the course) **



Note: Registration is limited to 20 students per session. Make sure to register early!

<i>DATES OFFERED</i>		
Fridays, April 11, 18 and 25 and May 2, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	9:00 a.m. to 2:00 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course	\$ 250.00	\$ 280.00
Late fee (if not received by 4/4/2008)	\$15.00	
Instructor: Greg Kidd, Wright-Pierce	TCHs: 20	

**** This book cannot be shipped ahead of time.**

MATH REVIEW FOR MUNICIPAL GRADES 4 & UP

This course has been designed to assist students in learning and reviewing the math required for process control. Basic concepts of Algebra will be covered. Problem solving involving Mean Cell Residence Time, Sludge Wasting Rates, etc. will be covered. This course is designed to help those taking the Grade 4 and higher exams. This session is review only and is NOT credited with training hours (TCHs).

<i>DATE OFFERED</i>	
Monday, May 5, 2008	
LOCATION	TIME
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.
COST	
Description	MWPCA Member / Non-member
Course	\$ 95.00 \$ 110.00
Late fee (if not received by 4/28/2008)	\$15.00
Instructor: Charles Conway, NEIWPC	TCHs: 0 (see above)

INTERMEDIATE INDUSTRIAL WASTEWATER TREATMENT, 2-DAY COURSE



Bring your calculator to class!

This two-day course has been designed for individuals taking the Massachusetts Industrial Grades 3 & 4 certification exams and the Industrial segments of the Combined Grades 5 & 6 exams. Be prepared to develop the advanced math and chemistry skills needed for higher level industrial waste treatment. Individuals must bring the Sacramento book Industrial Waste Treatment, Volume 1 and the instructor's 3-ring binder of notes from the Basic Industrial Wastewater Treatment course. Individuals **must** take the Basic Industrial Wastewater Treatment course as a prerequisite.

Note: This course has been expanded to 2-days due to popular demand.

<i>DATES OFFERED</i>	
Tuesday and Wednesday, May 6 and 7, 2008	
LOCATION	TIME
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.
COST	
Description	MWPCA Member / Non-member
Course Only	\$ 150.00 \$ 180.00
Late fee (if not received by 4/29/2008)	\$15
Instructor: Don Burford, Blue Heron Corporation	TCHs: 12

OPERATION AND MAINTENANCE OF CENTRIFUGAL PUMPS**

This 3-day course is a thorough introduction to centrifugal pumps and covers the following topics:

- Pump Types
- Parts of Pumps
- How They Work
- Operation Adjustments & Packing
- Mechanical Seals
- Bearings
- Troubleshooting
- Tear Down
- Repair & Parts Replacement
- Reading & Using Pump Curves
- Power Calculations
- Motors & Couplings

Actual pumps and parts are used in class. Most of the topic discussions are accompanied by visuals of actual pump situations. Many common misunderstandings will be cleared up.

Text: Pumps and Pumping, Skeet Arasmith, ACR Publications
(purchase of this book is **strongly** recommended)

<i>DATES OFFERED</i>		
Thursdays, June 12, 19 and 26, 2008		
LOCATION	TIME	
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.	
COST		
Description	MWPCA Member / Non-member	
Course Only	\$ 180.00	\$ 210.00
Course and Book*	\$ 225.00	\$ 255.00
Late fee (if not received by 6/5/2008)	\$15	
Instructor: Don Burford, Blue Heron Corporation		TCHs: 18

*If you would like your book mailed to you prior to start of class, please add an additional \$5.00 (per book) to total cost.

****This course has been approved by the Commonwealth of Massachusetts for Drinking Water Certification Renewal.**

MUNICIPAL REVIEW SESSIONS

These sessions are review only and are NOT credited with training contact hours (TCHs). Please register for the review session that is appropriate for your exam level. Please note that when you register for a review session, you **are not** automatically enrolled to take the Massachusetts wastewater treatment operator certification exam. Information regarding certification exam applications can be found on page 13.

MUNICIPAL REVIEW GRADES 1 - 3

<i>DATE OFFERED</i>	
Thursday, May 15, 2008	
LOCATION	TIME
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.
COST	
Description	MWPCA Member / Non-member
Review Session	\$ 95.00 / \$ 110.00
Late fee (if not received by 5/8/2008)	\$15
Instructor: James LaLiberte, NEIWPCC	TCHs: 0 (see above)

**MUNICIPAL REVIEW SESSION GRADE 4 AND MUNICIPAL FOR
COMBINED GRADES 5 & 6**

<i>DATE OFFERED</i>	
Friday, May 9, 2008	
LOCATION	TIME
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.
COST	
Description	MWPCA Member / Non-member
Review Session	\$ 95.00 / \$ 110.00
Late fee (if not received by 5/2/2008)	\$15
Instructor: Charles Conway, NEIWPCC	TCHs: 0 (see above)

INDUSTRIAL REVIEW SESSIONS

These sessions are review only and are NOT credited with training contact hours (TCHs). Please register for the review session that is appropriate for your exam level. Please note that when you register for a review session, you **are not** automatically enrolled to take the Massachusetts wastewater treatment operator certification exam. Information regarding certification exam applications can be found on page 13.

INDUSTRIAL REVIEW SESSION GRADES 1 & 2

DATE OFFERED	
Tuesday, May 13, 2008	
LOCATION	TIME
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.
COST	
Description	MWPCA Member / Non-member
Review Session	\$ 125.00 / \$ 150.00
Late fee (if not received by 5/6/2008)	\$15
Instructor: Don Burford, Blue Heron Corporation	TCHs: 0 (see above)

INDUSTRIAL REVIEW SESSION GRADES 3 & 4 AND INDUSTRIAL FOR COMBINED GRADES 5 & 6

DATE OFFERED	
Wednesday, May 14, 2008	
LOCATION	TIME
Millbury Training Center, Millbury, MA	8:30 a.m. to 3:30 p.m.
COST	
Description	MWPCA Member / Non-member
Review Session	\$ 125.00 / \$ 150.00
Late fee (if not received by 5/7/2008)	\$15
Instructor: Don Burford, Blue Heron Corporation	TCHs: 0 (see above)

NEIWPCC's Training Contact Hours Awarded

Training Contact Hours (TCHs) will be awarded for courses and seminars held through NEIWPCC on an hour for hour basis as indicated by the stated start and finish times of the course or seminar minus 1 hour for lunch (which is assumed for any course or seminar scheduled to run through the normal lunch period).

Example: If you attend a one-day seminar scheduled from 8:30 a.m. to 3:30 p.m. you will be given credit for 6 TCHs as it includes an assumed 1-hour for lunch.

Courses or seminars that finish significantly earlier than expected will be credited for TCHs appropriate with the actual running time of the course or seminar.

One and two-day courses and seminars require full attendance by an individual to receive the TCHs for that course or seminar. Courses that are longer than two days may allow up to 1 day of non-attendance (absence) for the individual in order to still receive the TCHs accrued during that course. Individuals who do not fulfill these attendance requirements may not receive any TCHs for the course or seminar for which they are registered.

Examples: You attend 5 days of a 6-day course, you will receive TCHs for 5 days of the course. If you attend 4 days of a 6-day course, you will receive no TCHs for the course.

It is entirely the responsibility of the individual receiving training through this office to make certain that their attendance meets the above minimum requirements if the TCHs for the course or seminar are important toward their wastewater license renewal.

Documentation of TCHs earned will be provided by certificates issued either at the conclusion of the course/seminar or at the end of the semester in which the training occurred. Massachusetts licensed wastewater operators will also have their TCHs from NEIWPCC appear on their license renewal form. This will be the only documentation of TCHs that will be issued to individuals receiving training through this office. Requests for searches or additional printouts of our records can not be honored due to the large volume of individuals registered for training through this office.



CERTIFICATION INFORMATION

The next Massachusetts wastewater treatment operator certification exam is scheduled for

MAY 17, 2008

*Your exam application must be **POSTMARKED** no later than **APRIL 2, 2008.***

Please note that when you register for a course or review session, you are not automatically enrolled to take the next wastewater operator certification exam. Certification exam applications are separate forms and are not included in this training schedule. If you would like a certification exam application, visit the NEIWPC or the MWPCA websites at: www.neiwpc.org or www.mwpc.org respectively to download a hard copy or contact the **NEIWPC Staff at (978) 323-7929** with exam and scheduling questions.

RE-CERTIFICATION

Operators active during the years 2008 through 2009 must obtain 20 training contact hours (TCHs) at some point during this 2-year period. Operators must keep copies of course documentation for their next renewal. A full audit will be conducted with your license renewal payment to ensure that operators have fulfilled the TCH requirement. Documentation requires certificate or letterhead stating name of course, course date, name of attendee, number of TCHs, FILE NUMBER from the Board of Certification of Wastewater Treatment Plant Operators, and certifying signatures. All courses and seminars must have direct application to the wastewater field.

Courses, which are not pre-approved, are subject to evaluation and approval by the Board. Approval is based on review of course outline, instructional materials, name, address, and background of instructor, and an example of the program completion form or certificate. The provider must keep permanent records that document TCHs, approval of training, and attendance rosters.

Individuals who are unsure of the Board's acceptance of a vendor's TCH offering should request an evaluation form to be completed by the vendor. Evaluation forms can be downloaded from www.mwpc.org under Request for TCH's. For questions about course acceptance, contact Tom Bienkiewicz, Board of Certification at (508) 767-2781.

The Spring 2008 NEIWPC Course Catalog is Coming Soon!



The Spring schedule of courses from NEIWPC's Environmental Training Center will be out soon. The Environmental Training Center has courses ranging from Performance Management, Sampling Procedures and Care of Emergency Generators. This catalog should appear in early February 2008. It can be downloaded from www.neiwpc.org/training/trainingschedule.asp

WASTEWATER TREATMENT OPERATOR LICENSE STATUS

When and If Status (W&I) - an operator that has passed an exam, is not working in the field, and does not have experience as defined in 257 CMR 2.12(2). Operators with W&I status are not required to obtain the training contact hours (TCHs) but must pay the renewal fee. When W&I operators gain employment at a wastewater treatment facility and submit a status change form, the Board of Certification of Wastewater Treatment Plant Operators will change their status to Operator In Training (OT). From that point, operators must obtain TCHs.

INACTIVE Operators - (those who are not working in the field) with Operator In Training or Full status are not required to obtain the training contact hours but must pay the renewal fee. If an INACTIVE operator wants to become ACTIVE, the operator must obtain 10 TCHs and submit a change of status form to the Board of Wastewater Treatment Plant Operators. The operator then must obtain TCHs for the next renewal year.

To Change Your Status From ACTIVE to INACTIVE - you must file a completed change of status form with the Board of Certification of Wastewater Treatment Plant Operators. Operators must show they have no wastewater treatment field duties in that calendar year.

To Change Your Status From An Operator In Training (OT) - status to a Full status, you must file a completed change of status form with the Board of Certification of Wastewater Treatment Plant Operators. The operator must show specific job responsibilities performed in the wastewater treatment field that provided the experience.

The Board of Certification of Wastewater Treatment Plant Operators - will revoke the certification of an operator who fails to pay the renewal fee or fails to obtain the correct amount of training contact hours. Reinstatement following revocation shall be by written examination.

For more information on Change of Status forms, Training Contact Hours, or training opportunities, visit the Massachusetts Water Pollution Control Association (MWPCA) web site at www.mwpc.org or contact the NEIWPCC Staff.

**SPRING 2008 TRAINING SCHEDULE
REGISTRATION FORM**

⇒ **MAKE COPIES OF THIS TWO-SIDED FORM FOR MULTIPLE NAMES**

Please Read the Following Information

✂ PLEASE PRINT CLEARLY ✂

- ☺ Each registrant must fill out both sides of this form (1 name per form).
- ☺ Check# _____ (payable to "NEIWPC Training")
- ☺ PO # _____ (please attach a copy of purchase order)
- Credit Card: (please check one) Visa MasterCard Discover
- Credit Card Number: _____ Exp. Date: _____
- Cardholder Name: _____ Amount \$: _____
- 3-Digit Security Code (Visa only) found on back of card: _____
- Signature (required):** _____

☺ Registration Form with payment must be sent to:

**NEIWPC – MA Training
116 John Street
Lowell, MA 01852-1124**

- ☺ All registrations must be mailed and postmarked no later than seven days prior to the start of a course or review session to ensure proper processing of your registration. **Registrations received after this time will incur a \$15 late fee.**
- ☺ Confirmation of registration and directions to the training location will be mailed to each registrant.
- ☺ Seven days notice is required IN WRITING (mailed or faxed) for you to cancel at no cost. Cancellations received after this time will be charged \$25 for programs under \$100 and \$50 for programs over \$100. Registrants who do not cancel or fail to show are responsible for full payment.
- ☺ MWPCA Membership Forms are included in this Training Schedule, or visit the MWPCA website at www.mwpc.org to download one.
- ☺ **New Policy! There is a \$15.00 fee for checks returned due to insufficient funds.**

Name: _____
(first) (last)

Business Address: _____
(employer: treatment plant or affiliation)

(number) (street)

(town/city) (state) (zip code)

() _____ () _____
(telephone number) (ext.) (fax number)

Email address: _____

Home Address: _____
(number) (street)

(town/city) (state) (zip code)

() _____ () _____
(telephone number) (fax number)

What address would you like your confirmation mailed to?

(please circle one) Business or Home

Are you a MWPCA Member? (please circle one) Yes or No

MWPCA Membership #: _____ (# is Required for discount)

Mass. WW License #: _____

TRAINING REGISTRATION FORM

INSTRUCTIONS: Please check courses selected and circle the appropriate fee(s) next to the offering(s) of your choice and enter the total cost at the bottom of the table. You must register at least 7 days in advance of the first day of the course. **Registrations received after this time will incur a \$15 late fee.**

COURSES	✓	LOCATION	START DATE & TIME	MWPCA MEMBER	NON MEMBER	OFFICE USE ONLY
3-Day Basic Wastewater Math		Millbury	Weds. 2/27 @ 8:30 a.m.	\$ 125.00	\$ 150.00	MA0268
Operation of Municipal Wastewater Treatment Plants (Grades 1-3), 6-Week Course, <i>Session 1</i> (course only)		Millbury	Thurs. 3/20 @ 8:30 a.m.	\$ 240.00	\$ 280.00	MA0269
Operation of Municipal Wastewater Treatment Plants (Grades 1-3), 6-Week Course, <i>Session 1</i> (course & books)		Millbury	Thurs. 3/20 @ 8:30 a.m.	\$ 340.00	\$ 380.00	MA0269-B
Operation of Municipal Wastewater Treatment Plants (Grades 1-3), 6-Week Course, <i>Session 2</i> (course only) (THE ROBBINS COMPANY)		Attleboro	Tues. 3/25 @ 8:30 a.m.	\$ 240.00	\$ 280.00	MA0270
Operation of Municipal Wastewater Treatment Plants (Grades 1-3), 6-Week Course, <i>Session 2</i> (course & books) (THE ROBBINS COMPANY)		Attleboro	Tues. 3/25 @ 8:30 a.m.	\$ 340.00	\$ 380.00	MA0270-B
Operation of Municipal Wastewater Treatment Plants (Grades 4 & Up), 6-Week Course, (course only)		Millbury	Mon. 3/17 @ 8:30 a.m.	\$ 240.00	\$ 280.00	MA0271
Operation of Municipal Wastewater Treatment Plants (Grades 4 & Up), 6-Week Course, (course & books)		Millbury	Mon. 3/17 @ 8:30 a.m.	\$ 340.00	\$ 380.00	MA0271-B
Basic Industrial Wastewater Treatment, 5-Week Course, <i>Session 1</i> (course only)		Millbury	Tues. 3/18 @ 8:30 a.m.	\$ 240.00	\$ 280.00	MA0272
Basic Industrial Wastewater Treatment, 5-Week Course, <i>Session 1</i> (course & book)		Millbury	Tues. 3/18 @ 8:30 a.m.	\$ 290.00	\$ 330.00	MA0272-B
Basic Industrial Wastewater Treatment, 5-Week Course, <i>Session 2</i> (course only)		Millbury	Weds. 3/26 @ 8:30 a.m.	\$ 240.00	\$ 280.00	MA0273
Basic Industrial Wastewater Treatment, 5-Week Course, <i>Session 2</i> (course & book)		Millbury	Weds. 3/26 @ 8:30 a.m.	\$ 290.00	\$ 330.00	MA0273-B
NPDES Laboratory Course, 4-Week Course		Millbury	Fri. 4/11 @ 9:00 a.m.	\$ 250.00	\$ 280.00	MA0274
Math Review for Municipal Grades 4 & Up		Millbury	Mon. 5/5 @ 8:30 a.m.	\$ 95.00	\$ 110.00	MA0275
Intermediate Industrial Waste Treatment, 2-Day Course		Millbury	Tues. 5/6 @ 8:30 a.m.	\$ 150.00	\$ 180.00	MA0276
Operation and Maintenance of Centrifugal Pumps (course only)		Millbury	Thurs. 6/12 @ 8:30 a.m.	\$ 180.00	\$ 210.00	MA0277
Operation and Maintenance of Centrifugal Pumps (course & book)		Millbury	Thurs. 6/12 @ 8:30 a.m.	\$ 225.00	\$ 255.00	MA0277-B
Municipal Review Grades 1 – 3		Millbury	Thurs. 5/15 @ 8:30 a.m.	\$ 95.00	\$ 110.00	MA0278
Municipal Review Grade 4 & Municipal for Combined Grades 5&6		Millbury	Fri. 5/9 @ 8:30 a.m.	\$ 95.00	\$ 110.00	MA0279
Industrial Review Grades 1 & 2		Millbury	Tues. 5/13 @ 8:30 a.m.	\$ 125.00	\$ 150.00	MA0280
Industrial Review Grades 3 & 4 and Industrial for Combined Grades 5&6		Millbury	Weds. 5/14 @ 8:30 a.m.	\$ 125.00	\$ 150.00	MA0281
				📖 Book Mailing Fee (if applicable): \$ 5.00 (per book)		
TOTAL				➔		\$

*Remember to enclose a separate check payable to MWPCA if you'd like to join MWPCA today and immediately receive member benefits. (see page 17 and 18 for details).

MWPCA MEMBERSHIP

The Massachusetts Water Pollution Control Association is a non-profit organization established in 1965 by wastewater treatment plant operators. The Association was formed to make available education and promote the exchange of information among its members so they can be made more knowledgeable and effective in providing excellent water quality throughout Massachusetts. The Massachusetts Water Pollution Control Association represents over 600 professionals and 129 Publicly owned wastewater treatment facilities throughout the State.

Throughout the years the MWPCA has grown considerably in its membership and now includes many individuals from publicly owned wastewater treatment facilities, private industrial facilities, engineering firms and students.

SERVICES OFFERED BY THE MWPCA

Training: The MWPCA in conjunction with the State DEP and NEIWPC at the Upper Blackstone Millbury Training Center offers numerous courses and seminars each year in the wastewater field at reduced cost to its members. The Center also offers reference materials including training videos which are loaned out to members free of charge.

Jobs: The MWPCA sponsors an "Operators Job Hotline" which operators can access online at <http://www.MWPCA.org> for current job opportunities. Also MWPCA membership listings are made available to public and private firms on request.

Recognition: The MWPCA yearly recognizes outstanding members and wastewater treatment plants by presenting a variety of awards and certificates. Each year treatment plants can recognize their talented staff by taking part in the NEWEA-based "Operations Challenge" and MWPCA's "Water Quality Awareness Week".

Information Exchange: The MWPCA sponsors four Quarterly Meetings and other special meetings each year to give its membership further educational and instructional opportunities. A yearly trade fair is held to show new technologies in the wastewater field to all wastewater personnel. A quarterly newsletter is mailed to all its members to keep them informed of new MWPCA updates.

Once a year a MWPCA member is chosen to represent the state and partake in a three day "Operator Exchange" by visiting other WWTP's in another New England state.

Legislation: The MWPCA is continually working on promoting sound legislation relating to operations, maintenance and personnel of wastewater treatment facilities. The MWPCA also works with State and Federal regulatory agencies to help achieve and maintain water quality standards.

MWPCA IS MAKING A DIFFERENCE!

JOIN US IN ACHIEVING WATER QUALITY EXCELLENCE.

NEIWPC now offers you the opportunity to join MWPCA when registering for a class. This convenience is offered only to those registering for a NEIWPC course. All others should send their application to the address on the application.

Fill out the attached MWPCA application form and include it, with a separate check made out to MWPCA, with your registration form. Checks for MWPCA membership must be made out to MWPCA for the membership fee. Do not include membership fees with your class registration fee.



MASSACHUSETTS WATER POLLUTION CONTROL ASSOCIATION, INC.

2007 APPLICATION FOR MEMBERSHIP
Membership Period: July 1, 2007 - June 30, 2008

1) Personal Information:

Membership Fee: \$40.00

State Certification # _____

First Name: _____ M.I. _____ Last Name: _____

Street: _____

City/Town: _____ State _____ Zip: _____

Telephone #: _____ E-Mail: _____

[] Please Check here if you are renewing. MWPCA ID # _____

2) Employment Information:

a) Professional Information:

Your Title: _____ Certification Grade: _____ State: _____

Position Class:

Operator (OP): _____ Chief Operator/Superintendent (CO): _____

Laboratory (LB): _____ Collection System (CS): _____ Maintenance (MN): _____

Vendor/Consultant (VN): _____ Regulatory Agency (RA): _____ Other (OT): _____

b) Facility/Company Information:

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Telephone #: _____ Fax #: _____

E-mail Address: _____

3) Please send your completed Application for Membership Form and check (made payable to M.W.P.C.A.) to:*

Massachusetts Water Pollution Control Association, Inc.
PO Box 221
Groveland, MA 01834

*If registering for NEIWPCC class, you can send application and check to NEIWPCC, but must be made payable to MWPCA.

Active Membership Dues: \$40.00.

Questions: Please contact MWPCA at 781-939-0918 or John Connor at 978-374-0170

EFFECTIVE 7/1/2007 THE MEMBERSHIP FEE IS \$40.00