



2010 Wastewater Exam Review

Dates / Locations: August 17,24,31 Sept. 7,14,21 Oct. 5 - Ivy Tech Logansport - Room 151
August 18,25 Sept. 1,8,15,22 Oct. 6 - Spring Mill State Park

Time: 12:30 pm - 5:30 pm

Cost: \$350.00 members
\$450.00 non-members

Registration Deadline: August 11th, 2010

What to bring: Calculator
Notebook
Pen or pencil
Required books*



*Registrants are responsible for obtaining the text books through IDEM and CSUS.
Go to www.in.gov/idem/5118.htm to view the book list

If you have questions call the Alliance office @ 317-789-4200 or email: alliance@inh2o.org



IDEM has scheduled the Wastewater Exam for
October 7, 2010.



Application deadline to take the test is August 23, 2010.

Class Location Information

Ivy Tech - Logansport (866) 753-5102
U.S. 24/35 and 18th St.
Room 151

Spring Mill SP Inn (812) 849-4129
3333 State Road 60 East
Mitchell, IN

Alliance signs will be posted for the first meeting.



Toll Free: 888-937-4992
Fax: 317-736-6676
email: alliance@inh2o.org



2010 Wastewater Exam Review Agenda

The Alliance of Indiana Rural Water has designed this seven week Wastewater Exam Review Course to assist individuals taking the 2010 certification exam for Class A & B (Industrial) and Class I & II (municipal) Operator Certification.

Practice quizzes will be given at the end of each session.

Week 1

- Introduction
- Rules & regulations governing plants and operators
- Record keeping and reporting responsibilities

Week 2

Processes Day One

- Wastewater Treatment Facilities:
 - Flow followed from collection to effluent
 - Different types of treatment introduced
- Racks, Screens, Comminutors & Grit Removal
 - Purposes of preliminary treatment
 - Descriptions
- Sedimentation and Flotation
- Trickling Filters
- Rotating Biological Contactors
- Package Plants
- Oxidation Ditches

Week 3

Processes Day Two

- Activated Sludge
- Sludge Digestion and Solids Handling
- Sampling
- Disinfection and Chlorination

Week 4

- Basic Arithmetic
- Basic Geometry
- Velocity & Flow Rates
- Pressure, Force & Head
- Conversions & Formulas

Week 5

Laboratory Procedures and Chemistry

- Basic terms, equipment, and techniques
- Procedures for plant control
- Quality control; lab math
- Procedures for NPDES monitoring

Week 6

Safety and Maintenance

- Identify hazards
- Recognizing and correcting unsafe conditions
- Maintenance program elements
- Wastewater mathematics

Week 7

- Review
- Questions
- Practice Final Exam



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2010 Wastewater Exam Review Registration Form

Please print or type.

Utility / Company _____

Name(s) _____ **Email** _____

Address _____ **Phone** _____

City _____ **State** _____ **Zip** _____

Circle Location: Ivy Tech - Logansport Spring Mill State Park -Mitchell, IN

Cost: \$350.00 members
\$450.00 non-members

Bill Me Enclosed is my check # _____

Total: \$ _____

Please charge my credit card

Visa MC Card # _____ Expiration date _____

Name on Card _____ Billing Zip _____

Signature _____

Mail registration form and payment to:

**Alliance of Indiana Rural Water
P.O. Box 789
Franklin, IN 46131**

Faxes and e-mails are encouraged.

**Fax: 317-736-6676
email: alliance@inh2o.org**

(Questions - call toll free 888-937-4992)

