

**NEW
SCHEDULE!**

2009

Training



**Georgia Rural Water Association
Register Now! - Space is Limited!**

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2009 TRAINING SCHEDULE

Activated Sludge Process

Optimization

- Athens: March 23 - 25, 2009
Middle Oconee Wastewater Plant

Activated Sludge Process Control and Optimization

- Calhoun: January 20, 2009
Calhoun Utilities Building
- Helen: April 30, 2009
Helen City Hall
- Port Wentworth: May 22, 2009
Port Wentworth Community Center

Advanced Water I

- Gainesville: February 17 - 19, 2009
Riverside Water Treatment Plant
- Atlanta: May 26 - 28, 2009
Atlanta Water Bureau Training Center
- DeKalb County: September 15 - 17, 2009
Scott Candler Water Treatment Plant

Advanced Water II

- Gainesville: March 17 - 19, 2009
Riverside Water Treatment Plant
- Atlanta: June 15 - 17, 2009
Atlanta Water Bureau Training Center
- DeKalb County: October 20 - 22, 2009
Scott Candler Water Treatment Plant

Applied Utilities Math

- Braselton: April 28 - 29, 2009
Braselton Municipal Building
- Atlanta: June 23 - 24, 2009
Atlanta Water Bureau Training Center

Backflow Testers' Training

- Port Wentworth: March 16 - 20, 2009
Port Wentworth Community Center
- Henry County: May 4 - 8, 2009
Tussahaw Water Treatment Plant
- Atlanta: August 24 - 28, 2009
Atlanta Water Bureau Training Center
- Tifton: November 2 - 6, 2009
Tifton Utility Building

Backflow Recertification Review

- Fort Valley: February 26 - 27, 2009
McLean Water Treatment Facility
- Port Wentworth: March 19 - 20, 2009
Port Wentworth Community Center
- Henry County: May 7 - 8, 2009
Tussahaw Water Treatment Plant
- Atlanta: August 27 - 28, 2009
Atlanta Water Bureau Training Center
- Tifton: November 5 - 6, 2009
Tifton Utility Building

Basic Math

- Atlanta: February 11, 2009
Atlanta Water Bureau Training Center
- Braselton: August 7, 2009
Braselton Municipal Building

Basic Wastewater

- Barnesville: January 26 - 30, 2009
Barnesville Civic Center
- Gainesville: April 20 - 24, 2009
Flat Creek Water Reclamation Facility
- Tifton: June 22 - 26, 2009
Tifton Utility Building
- Helen: August 17 - 21, 2009
Helen City Hall
- Port Wentworth: September 28 - Oct 2, 2009
Port Wentworth Community Center
- Augusta-Richmond: December 7 - 11, 2009
Wastewater Treatment Plant

Basic Water

- DeKalb County: February 2 - 6, 2009
Scott Candler Water Plant
- Port Wentworth: March 30 - April 3, 2009
Port Wentworth Community Center
- Ellijay: June 1 - 5, 2009
Ellijay-Gilmer County WSA Office

Basic Water Continued

- Augusta-Richmond: August 3 - 7, 2009
Max Hicks Water Treatment Plant
- Helen: September 28 - October 2, 2009
Helen City Hall
- Henry County: November 16 - 20, 2009
Tussahaw Water Treatment Plant

Class IV Wastewater

- Henry County: August 14, 2009
Walnut Creek Wastewater Plant

Class IV Water

- Savannah: January 6, 2009
Coastal Georgia Center
- Dawson: March 3, 2009
Hooks Hanner Environmental Center
- Dalton: April 14, 2009
NW GA Trade & Convention Center
- Barnesville: June 18, 2009
Barnesville Civic Center
- Athens: August 26, 2009
Athens Holiday Inn
- Waycross: October 15, 2009
SE GA Regional Development Center
- Barnesville: December 1, 2009
Barnesville Civic Center

Confined Space Entry & Program Development

- Dawsonville - Etowah WSA: Feb. 2, 2009
Dawsonville Municipal Complex-City Hall
- Waycross: March 5, 2009
SE GA Regional Development Center
- Atlanta: March 27, 2009
Atlanta Water Bureau Training Center
- Hogansville: April 8, 2009
Hogansville City Hall
- Warner Robins: June 8, 2009
Sandy Run Wastewater Plant

Distribution System O & M

- Braselton: February 23 - 26, 2009
Braselton Municipal Building
- Atlanta: April 28 - May 1, 2009
Atlanta Water Bureau Training Center
- Barnesville: August 10 - 13, 2009
Barnesville Civic Center
- Atlanta: October 6 - 9, 2009
Atlanta Water Bureau Training Center
- Columbia Co: November 30 - Dec. 3, 2009
Jim Blanchard Water Treatment Plant

Exam Review - Water

- January 5, 2009 - Barnesville Civic Center
- March 2, 2009 - Barnesville Civic Center
- May 11, 2009 - Barnesville Civic Center
- July 13, 2009 - Barnesville Civic Center
- August 31, 2009 - Barnesville Civic Center
- November 9, 2009 - Barnesville Civic Center

Exam Review - Wastewater

- January 5, 2009 - Barnesville Civic Center
- March 2, 2009 - Barnesville Civic Center
- May 11, 2009 - Barnesville Civic Center
- July 13, 2009 - Barnesville Civic Center
- August 31, 2009 - Barnesville Civic Center
- November 9, 2009 - Barnesville Civic Center

Hydrogen Sulfide Prevention & Corrosion Control

- Dawson: March 4, 2009
Hooks Hanner Environmental Center
- Augusta-Richmond: March 26, 2009
Wastewater Treatment Plant
- Barnesville: April 6, 2009
Barnesville Civic Center
- Cumming: May 1, 2009
Advanced Water Reclamation Facility
- Athens: June 5, 2009
Middle Oconee Wastewater Plant
- Cordele: June 9, 2009
Cordele City Hall

Minimizing Sewer Blockages & Grease Nuisances

- Barnesville: June 11, 2009
Barnesville Civic Center
- Cumming: August 3, 2009
Advanced Water Reclamation Facility

Pump Maintenance, Trouble Shooting & Efficiency

- Warm Springs: April 7, 2009
Warm Springs Wastewater Plant
- Atlanta: May 12, 2009
Atlanta Water Bureau Training Center
- Port Wentworth: May 21, 2009
Port Wentworth Community Center

Wastewater Collection O & M

- Cumming: February 3 - 6, 2009
Advanced Water Reclamation Facility
- Fort Valley: May 26 - 29, 2009
McLean Water Treatment Plant
- Calhoun: October 13 - 16, 2009
Calhoun Utilities Building
- Port Wentworth: December 1 - 4, 2009
Port Wentworth Community Center

Wastewater Lab For Analysts & Operators

- Gainesville: February 10 - 13, 2009
Flat Creek Water Reclamation Facility
- Warner Robins: August 10 - 13, 2009
Sandy Run Wastewater Treatment Plant

Wastewater Treatment Facility Optimization

- Helen: January 21 - 23, 2009
Helen City Hall
- Port Wentworth: June 29 - July 1, 2009
Port Wentworth Community Center

Water and Wastewater Facility & Laboratory Safety

- Braselton: February 9, 2009
Braselton Municipal Building

Water Laboratory for Analysts & Operators

- Henry County: February 17 - 20, 2009
Tussahaw Water Treatment Plant
- Gainesville: June 1 - 4, 2009
Flat Creek Water Reclamation Facility
- Monroe: September 22 - 25, 2009
Monroe Water Treatment Plant

Water & Wastewater Utilities Management & Supervision

- Atlanta: January 14 - 16, 2009
Atlanta Water Bureau Training Center
- Fort Valley: February 23 - 25, 2009
McLean Water Plant
- Helen: August 4 - 6, 2009
Helen City Hall

ONLINE TRAINING

GRWA currently offers online training courses for enrichment and recertification credit. These courses are available from SunCoast Learning Systems, Inc. Visit our website (www.grwa.org) for more information on course content, cost, and how-to access the training courses. The following courses are currently offered:

- Basic Environmental Chemistry
- Water Utility Calculations
- Chlorination Systems and Chemical Handling
- Water Utility Safety
- Corrosion Control Treatment Optimization

Reimbursement Opportunity!

Did you know that **Community Water Systems (CWS)** and **Nontransient Noncommunity Water Systems (NTNCWS)** serving a population of **3,300 persons or fewer** are eligible for reimbursement of the expenses related to drinking water operator training, certification, and re-certification? Reimbursement is available through the **Operator Certification Reimbursement Program** administered by the **Georgia Environmental Protection Division** of the Department of Natural Resources. Eligible expenses include drinking water operator certification/re-certification training through classes or conferences, mileage to and from training and licensing examination sites, and licensing-related fees such as examination application, examination fee, wall certificate fee, and duplicate ID card fee.

Please visit the GA EPD website at http://www.gaepd.org/Documents/op_cert.html or call Rebecca Mason at 404-657-7665 for further details.

COURSE DESCRIPTIONS

WATER TRAINING

Advanced Water Treatment (48 contact hours)

This course is conducted in two 24-hour segments (**Advanced Water I and Advanced Water II**) and is designed for experienced operators preparing to take the Class II and Class I Certification Exams. Conventional water treatment, groundwater plant operations, advanced math, rules and regulations, laboratory procedures, supervisory practices, etc. will be emphasized.

Basic Water Treatment (40 contact hours)

This training helps prepare new operators for the Class III Certification Exam. Topics include rules and regulations, surface and groundwater sources, unit process control, basic math, simple laboratory control tests, safety and maintenance.

Small Water System Class IV Training (6 contact hours)

The Georgia Board of Examiners for Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts has developed training and certification requirements for public ground water systems serving populations less than 1000. This training helps prepare operators for the Class IV Certification Exam.

Water Distribution Systems (27 contact hours)

This training helps prepare students for the certification exam focusing on a variety of subjects including piping material and specifications, construction procedures, storage facilities, disinfection, repairs, backflow prevention, meters, pumps, valves, basic math, safety, etc.

Water Laboratory for Analysts and Operators (27 contact hours)

This laboratory course is an in depth study of the basic introduction and theory of the chemistry and microbiological analysis of water. The twenty seven (27) hour course is designed to train the personnel in the proper and safe use of laboratory apparatus and equipment necessary to perform tests required to provide safe drinking water. The course will cover all need to know material required to prepare reagents, take samples, and perform process, quality control, and compliance testing.

BACKFLOW TRAINING

Backflow Prevention Assembly Testers' Certification Training (32 contact hours)

This training session meets all State of Georgia and American Backflow Prevention Association (ABPA) Standards and *prepares* students with information, training and hands-on practice opportunities to become a Certified Backflow Prevention Assembly Tester. The Manual of Cross Connection Control, Ninth Edition, handout supplements and visual aids are used. The course focuses on the hazards of cross-connections, operating fundamentals of tested devices, basics of cross-connection inspections, customer relations and legal aspects of backflow assembly testing. The certification and renewal is administered for EPD by GAWP. For exam schedule, registration and renewal forms see www.gawp.org.

Backflow Testers' Review and Update (12 contact hours)

This session is provided to provide testers' knowledge in the most current approved testing procedures, regulatory concerns, while fulfilling backflow specific recertification training requirements for Backflow Testers' Certification Renewals.

WASTEWATER TRAINING

Our “Advanced Courses” have been modified into 24 hour modules, in effort to better accommodate your requests. This will allow your course selections, as you prepare for Certifications, to more effectively reflect your specific training needs and interests. Courses below, not designated as Basic or Advanced, are also offered for your professional enrichment and to aid in fulfilling recertification point requirements. All Course Curricula reflect latest available “Needs-to-Know,” distributed through our Georgia State Certification Board.

Basic Wastewater (40 contact hours) *Basic*

This course is designed to give the entry level operator exposure to a variety of treatment systems. Course topics include: basic math, nature of solids, collection system design and usage, biology of wastewater treatment, secondary treatment, disinfections, solids handling, basic process control, maintenance and pumps.

Wastewater Collection Systems (27 contact hours) *Basic*

This training helps prepare operators for the certification exam. Topics include design, types of system design, types of collection systems, the nature of wastewater, maintenance of the collection system, inspection procedures (video testing, lamping testing, smoke testing, and pressure testing), pumps, lift stations and basic math.

Activated Sludge Process Optimization (24 contact hours) *Advanced*

The rest of the story – beyond typical advanced wastewater module training; a focused program of classroom and hands-on training providing the skills necessary for you to facilitate evaluating and optimizing your specific activated sludge treatment plant operations. Based on the concepts developed by Dr. Al West (former Director of EPA’s R&D Center) – settleometer, centrifuge, mass balance, microscopic examination, OUR, and expounded through the course text,

Tom Hobson’s, Activated Sludge, Evaluating and Controlling Your Process. Topics include Optimizing Reactor Environments, Solids Inventory Control, Loading & Nutrient Balance, Promoting Process Responses through Applied System Pressures, and Minimizing Process Inhibition. General knowledge is also pertinent to “SBR” systems.

Solids Management and Process Optimization - Water and Wastewater (24 contact hours) *Advanced*

Treatment Residues, both water and wastewater, constitute organic and non-volatile, pollutants and contaminants. The sheer strength of these constituents greatly magnifies the complexity and expense of their treatment and disposal. This course focuses on techniques to optimize relevant processes for solids thickening, stabilization, dewatering, and disposal, as well as, proactive considerations to minimize residue production and handling.

Tertiary Treatment & Nutrient Removal (24 contact hours) *Advanced*

These three days encompass the advanced methodologies utilized to accomplish treatment effluent requirements beyond typical secondary levels. Filtration – Adsorption & Absorption, Coagulation/Flocculation–Sedimentation, Dissolved Air Flotation, Odor Control, Ion Exchange and Electrodialysis, Residuals Management, Nutrient Removal – Nitrification & Denitrification, and Phosphorous (both Biological & Physical/Chemical removal), and Recycle Waste-stream Minimization are a partial listing of the components and concepts addressed.

Wastewater Laboratory for Operators and Analysts (24 & 27 contact hours) *Advanced & Laboratory Analysts*

This comprehensive combination of classroom instruction and hands-on training, utilizes an active, functional, analytical laboratory environment. Knowledge encompasses general chemistry, microbiology, sampling & preservation techniques, standardization and instrument calibration, analytical procedures, record keeping, quality assurance & control, and safety.

Wastewater & Wastewater Treatment Facility Optimization (24 contact hours) *Advanced*

This course is a developmental continuation of the “Basic Wastewater,” curriculum foundation. In the basic course, the student learns the terminology and process relationships of wastewater treatment. In this course, individuals progress through an inclusive treatment system; determining unit loadings, performing applicable laboratory calculations, using process control formulae, and facilitating the optimization of each operational component found within typical preliminary, primary, secondary, and solids handling systems.

Water and Wastewater Utilities Supervision and Management (24 contact hours) *Advanced*

A practical approach to management, the student learns the basics of management, planning and time management, organizing, staffing and directing personnel. The course consists of lecture, group activities and group interaction. This course may be taken by either water or wastewater treatment plant operators.

Basic Industrial Wastewater Treatment (27 contact hours) *Basic*

This course is based on the physical/chemical treatment processes utilized to treat industrial wastes. Topics include: unit process theory of operation, process relationships, coagulation, flocculation, sedimentation, filtration, basic and applied math concepts, metals waste treatment, neutralization, control systems, instrumentation and 40 CFR.

Wastewater Stabilization Ponds Class IV Certification Training (8 contact hours)

This course was developed to prepare small pond system operators to make competent process control decisions and research problems affecting treatment. Topics include: pond system design, basic biology of treatment, troubleshooting vs. process optimization, group activities, troubleshooting system problems using case studies and group discussions.

MATH TRAINING

Applied Math (12 contact hours) *Advanced*

An extended program that provides the opportunity for more industry specific math applications than just formula/concept exposure. Completion of Basic Math is a prerequisite.

Basic Math (8 contact hours for Enrichment/Recertification Only)

This workshop is designed to help operators become acquainted with general math concepts. Topics include: math - no fear, how to set up a problem, how to use word problems and how to perform basic calculations required around the plant. This course may be taken by either water or wastewater operators.

SPECIALIZED TRAINING (For Enrichment/Recertification Only)

Confined Spaces (6 contact hours)

This course is designed to provide the person entering confined spaces with the necessary information they need to enter confined spaces safely. Topics include: OSHA requirements for permitting confined spaces, safety equipment, team development and entry and exit procedures using OSHA approved tripod, harness and breathing apparatus.

Hydrogen Sulfide Prevention & Corrosion Control (6 contact hours)

Very possibly the weakest link in our wastewater infrastructure preservation, corrosive properties of H₂S and pH extremes demand unfathomable expenditure\$ in system restoration and revitalization. This Workshop addresses both preventative and proactive approaches to monitor and minimize the formation, destructive effects, and the undesirable odors of these noxious gases.

Industrial Pretreatment Facility Inspection (12 contact hours) This comprehensive curriculum offers a professional approach to industrial customer relations and pretreatment inspection. Topics include regulation, permitting, inspection techniques, sampling and preservation, flow monitoring, reporting, enforcement, and an overview of various industrial treatment processes.

SPECIALIZED TRAINING

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Minimizing Sewer Blockages & Grease Nuisances (6 contact hours)

Utilizing historical service records, enforcement of existing Sewer Use and Grease Management Ordinances, and preventive maintenance techniques are all integral parts of a program to minimize sewer blockages, damage claims, and poor customer relations. Focusing on these along with a discussion of customer communications techniques can reduce both customer inconvenience and utility liability.

Natural Treatment Process (12 contact hours)

This new course has been developed to fulfill your specific requests; providing relevant training for operators in the widely utilized natural wastewater treatment processes, as well as guidance to facility designers. Although focused on the needs of operator knowledge and certification, addressing operation, maintenance, process optimization and troubleshooting; we will also address these processes from a design approach: evaluating process loading, design, providing system operational flexibility, and vegetation selection concepts. We will be studying processes like waste stabilization/oxidation ponds - aerobic, anaerobic, and facultative - holding and equalization structures, varied types of land application, vegetation, utilization, and irrigation methods, and many facets of constructed wetland design and operation.

Pump Maintenance, Troubleshooting, and Efficiency (6 contact hours)

This one day course is an overview of preventive and predictive maintenance techniques promoting unit dependability; such as lubrication, alignment, amperage & temperature monitoring, circuit “megging.” Applied hydraulics, useful in identifying and resolving unit malfunctions, as well as methods of maximizing unit efficiency and evaluating symptomatic bearing “failures,” provide tools for equipment failure reduction.

SBR Process Optimization (12 contact hours)

The Sequential Batch Reactor (SBR) process depends upon the same treatment steps as a conventional activated sludge process; but utilizes a batch tank and sequences its environmental stages through physical and mechanical variations. Although physically restrictive, this allows a unique flexibility for process optimization, nutrient removals, biological and physical optimization pressures and adaptations. This course will explore these and thereby facilitate the proactive evaluation and control of plant specific conditions.

Trenching “Competent Person” Training Workshop (8 contact hours) *Basic*

This training covers the OSHA Trenching & Excavation Safety Regulations. Topics include an overview of current standards, sloping requirements and/or options, use of tabulated data, requirements for protective systems, soil classification and hazardous atmosphere.

Water & Wastewater Facility & Lab Safety (6 contact hours)

Promoting safety not only enhances staff “Quality of Life” and minimizes personal discomfort, but has been proven to improve the productivity and general unity of the organization. These reflect the goals of this overview of safety concerns, proactive accident prevention, relative laws, and information sources.



AT-A-GLANCE 2009 TRAINING SCHEDULE FOR GEORGIA RURAL WATER ASSOCIATION

Refer to Training Schedule and Site/Lodging Information for Class Location

DATE	COURSE TITLE	HOURS	DAYS	CE POINTS	COST (\$)	LOCATION
JANUARY						
5	Exam Review – Wastewater	6	1		105	Barnesville
5	Exam Review – Water	6	1		105	Barnesville
6	Class IV Water	6ClassIV	1	2	165	Savannah
14 - 16	Water & Wastewater Utilities Management & Supervision	24AW/AWW	3	12	265	Atlanta
20	Activated Sludge Process Control and Optimization	6CE	1	6	115	Calhoun
21 - 23	Wastewater Treatment Facility Optimization	24AWW	3	12	265	Helen
26 - 30	Basic Wastewater	40BWW	5	12	395	Barnesville
FEBRUARY						
2	Confined Space Entry & Program Development	6CE	1	6	185	Etowah WSA - Dawsonville
2 - 6	Basic Water	40BW	5	12	395	DeKalb Co.
3 - 6	Wastewater Collection Operation & Maintenance	27WWCOLL	3.5	12	295	Cumming
9	Water & Wastewater Facility & Lab Safety	6CE	1	6	115	Braselton
10 - 13	Wastewater Lab for Analysts & Operators	27WWLab/24AWW	3.5	12	305	Gainesville
11	Basic Math	6CE	1	6	105	Atlanta
17 - 20	Water Laboratory for Analysts & Operators	27WLAB/24AW	3.5	12	305	Henry County
17 - 19	Advanced Water I	24AW	3	12	255	Gainesville
23 - 25	Water & Wastewater Utilities Management & Supervision	24AW/AWW	3	12	265	Fort Valley
23 - 26	Distribution System Operation & Maintenance	27DIST	3.5	12	295	Braselton
26 - 27	Backflow Recertification Review	12BFP	2	6	195	Fort Valley
MARCH						
2	Exam Review – Water	6	1		105	Barnesville
2	Exam Review – Wastewater	6	1		105	Barnesville

LEGEND: AW - Advanced Water • AWW - Advanced Wastewater • BW - Basic Water • BWW - Basic Wastewater
BFP - Backflow Prevention • CE - Continuing Education • COLL - Collection • DIST - Distribution • W - Water
WW - Wastewater • WLAB - Water Lab • WWLAB - Wastewater Lab



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DATE	COURSE TITLE	HOURS	DAYS	CE POINTS	COST (\$)	LOCATION
MARCH continued						
3	Class IV Water	6ClassIV	1	2	165	Dawson
4	Hydrogen Sulfide Prevention & Corrosion Control	6CE	1	6	115	Dawson
5	Confined Space Entry & Program Development	6CE	1	6	185	Waycross
16 - 20	Backflow Testers' Training	32BFP	5	12	395	Port Wentworth
19 - 20	Backflow Recertification Review	12BFP	2	6	195	Port Wentworth
17 - 19	Advanced Water II	24AW	3	12	255	Gainesville
23 - 25	Activated Sludge Process Optimization	24AWW	3	12	265	Athens
26	Hydrogen Sulfide Prevention & Corrosion Control	6CE	1	6	115	Augusta
27	Confined Space Entry & Program Development	6CE	1	6	185	Atlanta
30 - Apr. 3	Basic Water	40BW	5	12	395	Port Wentworth
APRIL						
6	Hydrogen Sulfide Prevention & Corrosion Control	6CE	1	6	115	Barnesville
7	Pump Maintenance, Troubleshooting, & Efficiency	6CE	1	6	115	Warm Springs
8	Confined Space Entry & Program Development	6CE	1	6	185	Hogansville
14	Class IV Water	6ClassIV	1	2	165	Dalton
20 - 24	Basic Wastewater	40BWW	5	12	395	Gainesville
28 - 29	Applied Utilities Math	12AW/AWW	2	12	165	Braselton
28 - May 1	Distribution System Operation & Maintenance	27DIST	3.5	12	295	Atlanta
30	Activated Sludge Process Control and Optimization	6CE	1	6	115	Helen

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WW - Wastewater • WLAB - Water Lab • WWLAB - Wastewater Lab



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DATE	COURSE TITLE	HOURS	DAYS	CE POINTS	COST (\$)	LOCATION
MAY						
1	Hydrogen Sulfide Prevention & Corrosion Control	6CE	1	6	115	Cumming
4 - 8	Backflow Testers' Training	32BFP	5	12	395	Henry County
7 - 8	Backflow Recertification Review	12BFP	2	6	195	Henry County
11	Exam Review - Water	6	1		105	Barnesville
11	Exam Review - Wastewater	6	1		105	Barnesville
12	Pump Maintenance, Troubleshooting, & Efficiency	6CE	1	6	115	Atlanta
16 - 19	2009 GRWA Spring Conference		4	12		Jekyll Island
21	Pump Maintenance, Troubleshooting, & Efficiency	6CE	1	6	115	Port Wentworth
22	Activated Sludge Process Control and Optimization	6CE	1	6	115	Port Wentworth
26 - 28	Advanced Water I	24AW	3	12	255	Atlanta
26 - 29	Wastewater Collection Operation & Maintenance	27WWCOLL	3.5	12	295	Fort Valley
JUNE						
1 - 5	Basic Water	40BW	5	12	395	Ellijay
1 - 4	Water Laboratory for Analysts & Operators	27WLAB/24AW	3.5	12	305	Gainesville
5	Hydrogen Sulfide Prevention & Corrosion Control	6CE	1	6	115	Athens
8	Confined Space Entry & Program Development	6CE	1	6	185	Warner Robins
9	Hydrogen Sulfide Prevention & Corrosion Control	6CE	1	6	115	Cordele
11	Minimizing Sewer Blockages & Grease Nuisances	6CE	1	6	115	Barnesville
15 - 17	Advanced Water II	24AW	3	12	255	Atlanta
18	Class IV Water	6ClassIV	1	2	165	Barnesville

LEGEND: AW - Advanced Water • AWW - Advanced Wastewater • BW - Basic Water • BWW - Basic Wastewater
 BFP - Backflow Prevention • CE - Continuing Education • COLL - Collection • DIST - Distribution • W - Water
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DATE	COURSE TITLE	HOURS	DAYS	CE POINTS	COST (\$)	LOCATION
JUNE continued						
22 - 26	Basic Wastewater	40BWW	5	12	395	Tifton
23 - 24	Applied Utilities Math	12AW/AWW	2	12	165	Atlanta
29- July 1	Wastewater Treatment Facility Optimization	24AWW	3	12	265	Port Wentworth
JULY						
13	Exam Review - Water	6	1		105	Barnesville
13	Exam Review - Wastewater	6	1		105	Barnesville
AUGUST						
3	Minimizing Sewer Blockages & Grease Nuisances	6CE	1	6	115	Cumming
3 - 7	Basic Water	40BW	5	12	395	Augusta
4 - 6	Water & Wastewater Utilities Management & Supervision	24AW/AWW	3	12	265	Helen
7	Basic Math	6CE	1	6	105	Braselton
10 - 13	Wastewater Lab for Analysts & Operators	27WWLAB/24AWW	3.5	12	305	Warner Robins
10 - 13	Distribution System Operation & Maintenance	27DIST	3.5	12	295	Barnesville
14	Class IV Wastewater Certification Training	6ClassIV	1	2	165	Henry County
17 - 21	Basic Wastewater	40BWW	5	12	395	Helen
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27 - 28	Backflow Recertification Review	12BFP	2	6	195	Atlanta
26	Class IV Water	6ClassIV	1	2	165	Athens
31	Exam Review - Water	6	1		105	Barnesville
31	Exam Review - Wastewater	6	1		105	Barnesville
SEPTEMBER						
15 - 17	Advanced Water I	24AW	3	12	255	DeKalb Co.
22 - 25	Water Laboratory for Analysts & Operators	27WLAB/24AW	3.5	12	305	Monroe
28- Oct. 2	Basic Wastewater	40BWW	5	12	395	Port Wentworth
28- Oct. 2	Basic Water	40BW	5	12	395	Helen



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DATE	COURSE TITLE	HOURS	DAYS	CE POINTS	COST (\$)	LOCATION
OCTOBER						
6 - 9	Distribution System Operation & Maintenance	27DIST	3.5	12	295	Atlanta
13 - 16	Wastewater Collection Operation & Maintenance	27WWCOLL	3.5	12	295	Calhoun
15	Class IV Water	6ClassIV	1	2	165	Waycross
20 - 22	Advanced Water II	24AW	3	12	255	DeKalb Co.
24 - 27	2009 GRWA Fall Conference		3	10		Helen
NOVEMBER						
2 - 6	Backflow Testers' Training	32BFP	5	12	395	Tifton
5 - 6	Backflow Recertification Review	12BFP	2	6	195	Tifton
9	Exam Review - Water	6	1		105	Barnesville
9	Exam Review - Wastewater	6	1		105	Barnesville
16 - 20	Basic Water	40BW	5	12	395	Henry County
30 - Dec. 3	Distribution System Operation & Maintenance	27DIST	3.5	12	295	Columbia Co.
DECEMBER						
1	Class IV Water	6ClassIV	1	2	165	Barnesville
1 - 4	Wastewater Collection Operation & Maintenance	27WWCOLL	3.5	12	295	Port Wentworth
7 - 11	Basic Wastewater	40BWW	5	12	395	Augusta

LEGEND: AW - Advanced Water • AWW - Advanced Wastewater • BW - Basic Water • BWW - Basic Wastewater
 BFP - Backflow Prevention • CE - Continuing Education • COLL - Collection • DIST - Distribution • W - Water
 WW - Wastewater • WLAB - Water Lab • WWLAB - Wastewater Lab

Note:

Any two (2) of the following classes can be used to satisfy advanced certification training requirements to apply for Class I or Class II wastewater examinations. Activated Sludge Process Optimization • Solids Management and Process Optimization • Tertiary Treatment & Nutrient Removal • Wastewater Lab for Operators and Analysts • Wastewater Treatment and Facility Optimization • Water and Wastewater Utilities Supervision and Management

SITE/LODGING INFORMATION

ATHENS

Athens Holiday Inn • 197 East Broad Street

Lodging: Holiday Inn • 706-549-4433 Holiday Inn Express • 706-546-8122

August 26: Class IV Water

Athens Middle Oconee Wastewater Plant • 400 Will Hunter Drive

Mar. 23 - 25: Activated Sludge Process Optimization Jun. 5: Hydrogen Sulfide Prevent & Corr Control

ATLANTA

Atlanta Dept of Watershed Management Training Center • 651 14th Street, NW

Lodging: Courtyard • 404-607-1112 Super 8 • 404-873-5731 Days Inn • 404-523-1144

Jan. 14 - 16: W & WW Utilities Management & Supv Feb. 11: Basic Math

Mar. 27: Confined Space Entry & Prog Development Apr. 28 - May 1: DIST Operation & Maintenance

May 12: Pump Maint, Troubleshooting, & Efficiency May 26 - 28: Advanced Water I

Jun. 15 - 17: Advanced Water II

Jun. 23 - 24: Applied Utilities Math

Aug. 24 - 28: Backflow Testers' Training

Aug. 27 - 28: Backflow Recertification Review

Oct. 6 - 9: DIST Operation & Maintenance

AUGUSTA

Augusta - Richmond Wastewater Treatment Facility • 1820 Doug Bernard Pkwy

Lodging: Wingate Inn • 706-729-1616

Days Inn • 706-738-0131

Holiday Inn • 706-396-4600

Comfort Inn • 706-855-6060

Mar. 26: Hydrogen Sulfide Prevent & Corr Control

Dec. 7 - 11: Basic Wastewater

N. Max Hicks - Tobacco Road Water Treatment Plant

Aug. 3 - 7: Basic Water

AUGUSTA

Columbia Co. - Jim Blanchard Water Plant • 832 Point Comfort Road, Martinez

Nov. 30 - Dec. 3: DIST Operation & Maintenance

BARNESVILLE

Barnesville Civic Center • 685 Forsyth St.

Lodging: Sun Inn • Barnesville • 770-358-1700

Holiday Inn • Forsyth • 478-994-5691

Jan. 5: Exam Review - Water

Jan. 5: Exam Review - Wastewater

Jan. 26 - 30: Basic Wastewater

Mar. 2: Exam Review - Water

Mar. 2: Exam Review - Wastewater

Apr. 6: Hydrogen Sulfide Prevent & Corr Control

May 11: Exam Review - Water

May 11: Exam Review - Wastewater

June 11: Min Sewer Blockages & Grease Nuisances

June 18: Class IV Water

Jul. 13: Exam Review - Water

Jul. 13: Exam Review - Wastewater

Aug. 10 - 13: DIST Operation & Maintenance

Aug. 31: Exam Review - Water

Aug. 31: Exam Review - Wastewater

Nov. 9: Exam Review - Water

Nov. 9: Exam Review - Wastewater

Dec. 1: Class IV Water

BRASELTON

Braselton Municipal Building • Next to Town Hall • 4982 Hwy 53

Lodging: Best Western • 706-654-3081 Holiday Inn Express • 770-867-8100
Feb. 9: W & WW Facility and Lab Safety Feb. 23 - 26: DIST Operation & Maintenance
Apr. 28 - 29: Applied Utilities Math Aug. 7: Basic Math

CALHOUN

Calhoun Utilities Building • 700 West Line St.

Lodging: Hampton Inn • 706-629-0999 Holiday Inn Express • 706-629-8566
Jan. 20: Activated Sludge Process Control & Op Oct. 13 - 16: Wastewater Collection O & M

CORDELE

City Hall • 501 North 7th Street

Lodging: Hampton Inn • 229-273-0737 Holiday Inn Express • 229-273-9477
Jun. 9: Hydrogen Sulfide Prevention & Corrosion Control

CUMMING

Advanced Water Reclamation Facility • Bethel View Road to Woodcrest Trail

Lodging: Holiday Inn Express • 770-889-4600 Hampton Inn • 770-889-0877
Feb. 3 - 6: Wastewater Collection O & M May 1: Hydrogen Sulfide Prevent & Corr Control
Aug. 3: Minimizing Sewer Blockages & Grease Nuisances

DALTON

NW GA Trade & Convention Center • 2211 Dug Gap Battle Rd (I-75, Exit 333)

Lodging: Hampton Inn • 706-226-4333 Days Inn • 706-278-0850
Apr. 14: Class IV Water

DAWSON

Hooks Hanner Environmental Resource Center • 4344 Albany Hwy

Lodging: Executive Inn • 229-995-5725
Mar. 3: Class IV Water Mar. 4: Hydrogen Sulfide Prevent & Corr Control

DAWSONVILLE - ETOWAH WSA

Dawsonville Municipal Complex / City Hall • 415 Hwy 53 East

Lodging: Comfort Inn • 706-216-1900 Best Western • 706-216-4410
Feb. 2: Confined Space Entry & Program Development

DEKALB CO.

Scott Candler Water Plant • 4830 Winters Chapel Rd., Doraville, GA

Lodging: Holiday Inn Doraville • 770-455-3700 Comfort Inn • 770-263-8883
Feb. 2 - 6: Basic Water Sept. 15 - 17: Advanced Water I
Oct. 20 - 22: Advanced Water II

ELLIJAY

Ellijay-Gilmer Co. WSA Office • 1023 Progress Rd, Ellijay, GA

Lodging: Best Western • 706-515-1500 Budget Inn • 706-635-5311
Jun. 1 - 5: Basic Water

FORT VALLEY McLean Water Treatment Plant

Lodging: Holiday Inn • I-75 & Hwy 341 • Perry, GA • 478-987-3313

Feb. 23 - 25: Water & Wastewater Utilities Management & Supervision

Feb. 26 - 27: Backflow Recertification Review May 26 - 29: Wastewater Collection O & M

GAINESVILLE Flat Creek Water Reclamation Facility • 2641 Old Flowery Branch Road

Lodging: Quality Inn • 770-536-4451 Best Western • 770-531-0907

Feb. 10 - 13: WW Lab for Analysts & Op Apr. 20 - 24: Basic Wastewater

Jun. 1 - 4: Water Laboratory for Analysts & Operators

GAINESVILLE Riverside Water Treatment Facility • 2120 Riverside Drive

Feb. 17 - 19: Advanced Water I

Mar. 17 - 19: Advanced Water II

HELEN Helen City Hall • 25 Alpenrosen Street

Lodging: Best Western • 706-878-2111 Country Inn & Suites • 706-878-9000

Jan. 21 - 23: WW Treat Facility Optimization Apr. 30: Activated Sludge Process Control & Op

Aug. 4 - 6: W & WW Utilities Super & Management Aug. 17 - 21: Basic Wastewater

Sep. 28 - Oct. 2: Basic Water

HENRY CO. Walnut Creek Wastewater Treatment Plant • 1682 N. Ola Dr., McDonough

Lodging: Best Western • 770-898-1006 Holiday Inn Express • 678-782-1100

Aug. 14: Class IV Wastewater Certification Training

HENRY CO. Tussahaw Water Treatment Plant • 199 Preservation Drive, Jackson GA

Feb. 17 - 20: Water Lab for Analysts & Operators May 4 - 8: Backflow Testers' Training

May 7 - 8: Backflow Recertification Review Nov. 16 - 20: Basic Water

HOGANSVILLE Hogansville City Hall • Main Street

Apr. 8: Confined Space Entry & Program Development

MONROE Monroe Water Treatment Plant • 205 East Marble St.

Lodging: Country Hearth Inn • 770-207-1977 Deer Acres Inn • 770-267-3666

Sep. 22 - 25: Water Lab for Analysts & Operators

PORT WENTWORTH Port Wentworth Community Center • Appleby Rd.

Lodging: Super 8 Motel • 912-965-9393 Sleep Inn • 912-966-9800

Quality Inn • 912-965-1313 Days Inn • 912-629-1900

Mar. 16 - 20: Backflow Testers' Training

Mar. 19 - 20: Backflow Recertification Review

Mar. 30 - Apr. 3: Basic Water

May 21: Pump Maint, Troubleshooting, & Eff

May 22: Activated Sludge Process Control & Op

Jun. 29 - Jul. 1: Wastewater Treatment Facility Op

Sep. 28 - Oct. 2: Basic Wastewater

Dec. 1 - 4: Wastewater Collection O & M

SAVANNAH

Coastal Georgia Center • 305 Fahm Street

Lodging: Courtyard by Marriott • 912-790-8287 Best Western • 912-233-1011
Jan. 6: Class IV Water

TIFTON

Tifton Utility Building • 204 Northridge

Lodging: Holiday Inn • 229-382-6687 Ramada Inn • 229-382-8500
Jun. 22 - 26: Basic Wastewater Nov. 2 - 6: Backflow Testers' Training
Nov. 5 - 6: Backflow Recertification Review

WARM SPRINGS

Warm Springs Wastewater Plant • Hwy 85

Lodging: Days Inn Manchester • 706-857-7007 Callaway Gardens • 1-800-225-5292
Days Inn • 706-663-2121
Apr. 7: Pump Maintenance Troubleshooting & Efficiency

WARNER ROBINS

Sandy Run Wastewater Plant • 250 Industrial Park Blvd.

Lodging: Hampton Inn • 478-953-9443 Holiday Inn • 478-923-8871
Jun. 8: Confined Space Entry & Program Dev Aug. 10 - 13: WW Lab for Analysts & Operators

WAYCROSS

SE GA Regional Development Center • 1725 South GA Parkway, West

Lodging: Super 8 Motel • 912-285-8885 Hampton Inn • 912-285-5515
Days Inn • 912-285-4700 Holiday Inn • 912-283-4490
Mar. 5: Confined Space Entry & Program Dev Oct. 15: Class IV Water

- **Do you have several employees that need training?**
- **Could you benefit from training at your facility?**
- **Is it difficult to arrange leaving your facility to attend training?**

Call Georgia Rural Water Association at 770-358-0221.

We can arrange on-site training to specifically meet your needs.



Mission

The mission of the Georgia WARN is to support and promote statewide emergency preparedness, disaster response, and mutual aid assistance matters for the public and private water and wastewater utilities for natural and man-made caused events

Goals

The goals of the Georgia WARN are to provide:

- A mutual assistance agreement and process for sharing emergency resources among water and wastewater agencies statewide.
- A mutual assistance program consistent with other statewide mutual aid and assistance programs and the National Incident Management System.
- The resources to respond and recover more quickly from a natural or man-made caused disaster.
- A forum for developing and maintaining emergency contacts and relationships.

Participation

The WARN Mutual Aid and Assistance Agreement is available to all public and private water and wastewater utilities in the state.

Agreement

All actions recommendations, etc. are made in accordance with the articles of the WARN Mutual Aid and Assistance Agreement

For more information:

Visit the GA WARN website:

www.gawarn.org

Or contact:

Sandy Smith - GA Section American Water Works Association

770-904-3206

Sandy.Smith@gwinnettcounty.com

Ed Urheim - Georgia Rural Water Association

770-934-2075 or 770-358-0221

eu2002grwa@yahoo.com

Bryan Wagoner - Georgia Association of Water Professionals

770-618-8690

bwagoner@gawp.org

Amy Rammo - Georgia Environmental Protection Division - Drinking Water Program

404-463-8011

Amy_Rammo@dnr.state.ga.us

Water and Wastewater Exams Changed to Computer-Based Testing

The Examination and Testing Unit of the Professional Licensing Boards Division of the Georgia Secretary of State's Office has announced that, beginning with the November 2008 administration of exams, examinations for water and wastewater operators and laboratory analysts will be offered as computer-based tests. This includes all categories of exams offered by the Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts. These exams will no longer be offered in the paper/pencil format.

Exam Schedule

The 2008-2009 CBT testing schedule is below. Examinations are administered by appointment only Monday through Saturday at 9:00 a.m. and 1:30 p.m.

November 18 – 26, 2008

December 1 – 3, 2008

January 5 – 17, 2009

March 2 – 14, 2009

May 11 – 23, 2009

July 13 – 25, 2009

August 31 – September 4, 2009

September 8 – 14, 2009

November 9 – 21, 2009

Examinees will be allowed to take an exam once during each testing cycle.

Candidates will be able to apply and schedule an examination online at www.goAMP.com beginning October 16, 2008. On the website, the candidate will be able to choose the time, date, and location of the exam, as long as space is available, at the desired testing site. Testing appointments may be scheduled as late as one week prior to the exam, as long as space is available. As of this writing, there are six testing sites in Georgia, four in the Atlanta metro area, one in Savannah, and one in Macon. AMP is working to secure additional sites in border states, i.e. Columbia, SC, Chattanooga, TN, and Jacksonville, FL.

An application form will be available to print from AMP's website at www.goAMP.com on October 16, 2008 as well.

Fees for the computer-based exams are:

Class 2 Water and Wastewater exams: \$108

Class 4 Water and Wastewater exams: \$ 74

All other exams: \$ 91

Note: Fees are subject to change. Contact AMP for current examination fees.

Registration

2009 GRWA

Please fill out the Registration Form for the class(es) you wish to attend and return to GRWA prior to class.

Class _____

Location _____

Date _____

Class _____

Location _____

Date _____

Class _____

Location _____

Date _____

Class _____

Location _____

Date _____

The training class prices include all books and training material. The only exception is the optional purchase of the Cross-Connection Control, 9th Edition required for Backflow Testers' Review and Training classes.

CANCELLATION POLICY:

If you do not cancel by telephone or fax at least two weeks prior to the class(es) you registered to attend, tuition fee is non-refundable. Forfeited fees may not be applied to a future class. However, a substitute may attend the class in your place.

On-site registration may be possible when the number of registrants is less than the maximum class size. Please contact office for details.

Name: _____

Representing: _____

Mailing Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

E-mail: _____



On-line Registration available on our website: www.georgiatraining.com

MAIL FORM(S) WITH CHECK TO:
Georgia Rural Water Association
P.O. Box 383 • Barnesville, GA 30204
770-358-0221 • Fax: 770-358-4379
www.georgiatraining.com
e-mail: grwa1@grwa.org

Credit Card: Visa Mastercard

Card#: _____ **Exp:** _____

Cardholder Name: _____

Signature: _____

Class Fee(s): \$ _____

Manual (Backflow only).....\$ 45

Total Amount _____

Enclosed: \$ _____

GRWA OFFICE USE
Date Paid: _____
Check #: _____
Amt: _____

Backflow Only
Cross-Connection Control 9th Ed.\$45
Provided as desk reference upon request

NOTE: Two weeks prior to class you will receive confirmation and directions.



GEORGIA RURAL WATER ASSOCIATION
P.O. Box 383 • Barnesville, GA 30204

Water...Our Most Precious Natural Resource