

**Georgia State Board of Examiners for the Certification of Water & Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Teleconference Board Meeting Minutes – December 11, 2019  
Professional Licensing Boards Division, 237 Coliseum Dr., Macon, GA 31217**

**Members Present:**

Margaret Doss, Chair  
Kenny Green  
Kim Hembree  
Kartik Bhatt  
Debra “Debbie” Wright  
Gilbert “Gil” Shearouse

**Others Present:**

Brad Coman, Executive Director  
Carla Murray, Licensing Supervisor  
Cindy Groves, Licensing Analyst  
Alexis Hardy, Board Support Specialist  
Betsy Cohen, Assistant Attorney General

**Note: Visitors are excused during Executive Session unless scheduled for a personal appearance.**

Margaret Doss, Chair, noted a quorum was present, called the meeting to order at 10:00 a.m., and declared the meeting to be “open” pursuant to the Open and Public Meeting Act, O.C.G.A. §§50-14-1 et seq.

**OPEN SESSION:**

**Agenda:**

Kim Hembree moved, Kenny Green seconded, and the Board voted to approve the December 11, 2019 agenda as amended.

**Minutes:**

Debbie Wright moved, Kim Hembree seconded, and the Board voted to approve the following minutes:

- October 16, 2019 Open Session Meeting minutes and Executive Session minutes.

**Ratification List:**

Licenses Issued through 10/10/2019 – 12/8/2019 (Total –141):

License #	Licensee
W1-014870	Elizabeth E Kinney
W1-014871	Andrew Benjamin Sims
W1-014872	James Roger Greer, Jr
W1-014873	Lamar Yusef Hamlin
W1-014874	Kelvin Scott Carver
W1-014875	Bobby Lee House, Jr
W2-015271	Bart Christopher Cathey
W2-015272	Jordan Kyle Anderson
W2-015273	Jonathan McNatt
W2-015274	Jeremy Thomas Long
W2-015275	Hunter Austin Blankenship
W2-015276	Zarek Ryan Gill
W3-016713	Ernest Alfonzo Fennell
W3-016714	Danny Joe Evans
W3-016715	Clayton Isaac Gasaway
W3-016716	Stephen Harold Orton
W3-016717	Helen Willis
W3-016718	Stud Stephens
W3-016719	Randall Edward Craig

License #	Licensee
W3-016720	Jacob Richard Ford
W3-016721	Joshua Glenn Rasco
W3-016722	Gregory Robert Hodapp
W3-016723	Morgan Kandis McDaniel
W3-016724	Andy Robert Nicolella
W3-016725	Zachary T Chesnut
W4-002753	Jeremy Scott Eaton
W4-002754	Ganaway Alexander Foster
W4-002755	Elijah James Thomas
W4-002756	James Ira Walker, Jr
WD016678	Keith Patrick Verner
WD016679	Joey Lee Williams
WD016680	Timothy Mark Hammond
WD016681	Clayson Lyle Kansanback
WD016682	Brian Douglas Walters
WD016683	Jeryl Wesley Fortenberry
WD016684	Zachary Malcolm Vinson
WD016685	John T Shepard
WD016686	James Eddie Hilburn

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License #	Licensee
WD016687	Patrick Emory Smith
WD016688	Marlo Lyons
WD016689	Daniel Paul Lathan
WD016690	Samuel Kevin Phillips, Sr.
WD016691	Marcus Lee Long
WD016692	Clifford Thomas Casey
WD016693	William Joseph Watkins
WD016694	Thomas Anthony Gray
WD016695	Clifton Daniel Jenkins
WD016696	Torrence Kassa Green
WD016697	Timothy Britt Goolsby
WD016698	Devario Tyrell Dunnell
WD016699	Christopher L Kolenda
WL014648	De'Ja Moore
WL014649	Michael Alexander Tew
WL014650	Kristina Odette Bridger
WL014651	Christopher Forrest Hughes
WL014652	Jon Kevin Gravely
WL014653	Chelsea Layne Spivey
WL014654	John Patterson Banks, Jr
WL014655	Richard DeWall
WL014656	Kimberly Anne Gaines
WL014657	Owen Geoffrey Moss
WW1-015257	Stud Stephens
WW1-015258	Richard Edward Baxter
WW1-015259	Richard Cogburn James
WW1-015260	Cody Russell Pilcher
WW1-015261	Charles Richard Nettles, Jr.
WW2-015445	Matthew Eugene Chavis
WW2-015446	Maxie Benjamin Laney
WW2-015447	Patrick Gannon
WW2-015448	Michael Joe Callahan
WW2-015449	Erik Lamar Henson
WW2-015450	Melvin Vernard Jackson
WW2-015451	Daisy Puentes
WW2-015452	Cody Marshall Reece
WW2-015453	Maurice Lyroie Braddy

License #	Licensee
WW2-015454	Grason S White
WW2-015455	Curtis Anthony Jackson
WW3-017929	Nicholas Anthony Johnson
WW3-017930	Stephen Lanier Heil
WW3-017932	Dustin Berliner
WW3-017933	James Thomas McBurnett
WW3-017934	Joshua Isaac Reid
WW3-017935	Clint Troy Goode
WW3-017936	Michael D Mentzel
WW3-017937	Brandon Trenton Hughes
WW3-017938	Justin Brian Holcombe
WW3-017939	Michael J Forte
WW3-017940	Franck William Kukui
WW3-017941	Colin Corvet Butler
WW3-017942	Eric Scott Sabato
WW3-017943	Carter James Wasdin
WW3-017944	Brent Clayton Walker
WW3-017945	Jacob Lcean Bostick
WW3-017946	Danny Joe Evans
WW3-017947	Clyde Anthony Dyson
WW3-017948	Jordan Dean Collins
WW3-017949	Tyrice Ramon Riley
WW3-017950	Ronald Brandon Phillips
WW3-017951	Michael Patrick Stonebridge
WW3-017952	Deildra Spencer Santiago
WW4-000206	Elijah James Thomas
WWC033434	Keith Patrick Verner
WWC033435	Christopher Kevin Hart
WWC033436	Dale Thomas Ellis
WWC033437	Jeffery Ryan Hill
WWC033438	Johnny Kyle Trammell
WWC033439	Timothy Jay Mobley, Jr.
WWC033440	Mathew Tyler George
WWC033441	Thomas Dylan Hutchins
WWC033442	Robert Carl Powell, Jr
WWC033443	Neal R Hutchins
WWC033444	Jonathan Kyle Eaves
WWC033445	Jeremy Scott Eaton
WWC033446	Keith Allen Tallant
WWC033447	Mark Heggs, Jr
WWC033448	Larry Gooch

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License #	Licensee
WWC033449	Jason Eric Hogan
WWC033450	Artis James Benton
WWC033451	Efrem Z Bloom, Sr
WWC033452	Spencer Lauderdale
WWC033453	Jesus Hernandez
WWC033454	Ronald Broadnax
WWC033455	Nicholas Malcom
WWC033456	Jody Reed Daniel
WWC033457	Macio Joeron Thompkins
WWID032215	Ian Campbell
WWID032216	Billy T Edmondson
WWID032217	Everette Hickman
WWID032218	Skylar Lynn Lipson

License #	Licensee
WWID032219	Darion Laron Colbert
WWID032220	Charles Richard Wilson
WWID032221	Jonathan Shea Lowe, Sr.
WWID032222	Dakota John Kocol
WWL014849	Theshia Marie Smith
WWL014850	Kellie Dudley Mollman
WWL014851	Dustyn King
WWL014852	Emily Elizabeth Cruce
WWL014853	Jeremy Scott Miller
WWL014854	Raymond Keith Hinton
WWL014855	William Mantle
WWL014856	Kaira Jeter

Kenny Green moved, Debbie Wright seconded, and the Board voted unanimously to ratify the licenses issued between meetings by application and reinstatement that were issued in accordance with Board Rules and Policies.

**EXECUTIVE SESSION:**

Kim Hembree moved, Kenny Green seconded, and the Board voted to enter Executive Session at 10:03 a.m. in accordance with O.C.G.A. §§ 43-1-19(h) and 43-51, for the purpose of reviewing application's and to hear the Attorney General's report.

At the conclusion of Executive Session, Margaret Doss, Chair, declared the meeting to be "open" at 10:41 a.m. pursuant to the Open and Public Meeting Act, O.C.G.A. §§ 50-14-1 et seq. No votes were taken during Executive Session.

**OPEN SESSION:**

Kenny Green moved, Debbie Wright seconded, and the Board voted unanimously to ratify the following recommendations made during Executive Session:

**Applications:**

2776830 – C.B. – Refer to Attorney General's office for Public Consent Order with probation tracking criminal probation – Approved.

2828048 – Flaniando Hill – Approved.

2835534 – William Bradley – Approved.

2836467 – Joshua Nelson – Approved.

2839494 – Jeffery Greer – Approved.

2841181 – James Cooper – Approved.

2842314 – J.C. – Refer to Attorney General's office for Public Consent Order with probation tracking criminal probation – Approved.

2842690 – C.M. – Table – Pending verification of employment.

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**Attorney General’s Report:**

The Board reviewed and accepted the Attorney General’s report, which included information on any cases referred for action and requests for advice.

Kenny Green moved, Debbie Wright seconded, and the Board voted to rescind a referral for a legal opinion.

**Continuing Education:**

Kim Hembree moved, Gil Shearouse seconded, and the motion was carried by the Board to accept the Continuing Education Committee’s recommendations as follows:

**Continuing Education Applications and Results:**

Program Provider/Sponsor	Course Title / Notes	Points
American Ground Water Trust	Florida PFAS Workshop	6 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Surface Water Treatment Plant Operations	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Coagulation and Flocculation	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Source Water Issues and Pre Treatment	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Sedimentation and Filtration	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Disinfection	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Advanced Oxidation and UV Disinfection	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Membrane Processes	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Corrosion Control	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Water Distribution System Operation Overview	2 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Pipelines	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Meters, Valves and Hydrants	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Pumps and Motors	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Storage Tank Facilities	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Basic Electrical Concepts	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Distribution System Water Quality Issues	1 W
At Your Pace Online Tech, LLC (AYPOtech.com)	Groundwater Wells	1 W
CCWU	National Safety Council 4- Hour Defensive Driving Class	4 MS
CCWU	National Safety Council 8- Hour Defensive Driving Class	6 MS
CCWU	National Safety Council Flagger Training	4 MS
CCWU	Red Cross CPR/AED & First Aid	6 MS
CCWU	Best Practices for Interviewing and Hiring	1 MS
CCWU	DOT Parts 1&2 for Safety Sensitive Employees	2 MS
CCWU	Drug-Free Workplace for Employees	2 MS
CCWU	Drug-Free Workplace Parts 1&2 for Supervisors	2 MS
CCWU	Harassment and Discrimination for Employees	1 MS
CCWU	Harassment and Discrimination for Supervisors	1 MS
CCWU	Progressive Discipline and Termination	1 MS
CCWU	Violence Prevention for Employees	1 MS
CCWU	Violence Prevention for Supervisors	1 MS
CCWU	ArcGIS Introduction	6 W/WW
CCWU	Basic Laboratory Tests	3 WW
CCWU	Basic Wastewater	12 WW
CCWU	Basic Water Laboratory Tests	3 W
CCWU	Coliform Bacteria	3 W
CCWU	Collections System Operation & Maintenance	12 WW

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
CCWU	Columbia County Management Course	12 MS
CCWU	Confined Space Safety	2 MS
CCWU	Disinfectant Byproduct Rule/Testing, Lead & Copper Rule/Testing and QA/QC	3 W
CCWU	Disinfection Methods for Water and Wastewater	2 W/WW
CCWU	Distribution System Operation & Maintenance	1 W
CCWU	Electricity, Motors, Pumps and Maintenance	3 MS
CCWU	Hydrant Maintenance	2 W
CCWU	Inspection and Testing the Collection System	3 WW
CCWU	Intermediate WW Lab Tests	3 WW
CCWU	Intro to Wastewater	3 WW
CCWU	Introduction to the Wastewater Collections System	3 WW
CCWU	Introduction to Water Laboratory	3 W
CCWU	Introduction to WW Laboratory	3 WW
CCWU	Laboratory Safety & Water Chemistry	3 W/WW
CCWU	Microbiology and Tertiary Treatment	3 WW
CCWU	Odor Control Management Safety	3 WW
CCWU	Operation & Maintenance in the Distribution System	2 W
CCWU	Pipeline Cleaning and Maintenance Methods in Collection System	3 WW
CCWU	Preliminary Treatment and Primary Treatment	3 WW
CCWU	Protecting the Public Health	2 MS
CCWU	Pumps & Motors	2 W
CCWU	Roots, Grease, Odors & Hydrogen Sulfide in the Collection System	3 WW
CCWU	Safety in the Collection System	3 WW
CCWU	Secondary Treatment Aeration	3 WW
CCWU	Secondary Treatment Lagoons trickling filters	3 WW
CCWU	Services & Meters	2 W
CCWU	Solids Handling	3 WW
CCWU	Spectrophotometric Tests, ISE, and Heterotrophic Plate Count	3 W
CCWU	System Design in Water Distribution	2 W
CCWU	Tertiary Treatment Solids Removal	3 WW
CCWU	Testing for Solids & Polymer Dosage	3 W/WW
CCWU	Trench and Excavation Safety	2 MS
CCWU	Using Membranes in Water Treatment	2 W
CCWU	Valves & Hydrants	2 W
CCWU	Wastewater Disinfection	3 WW
CCWU	Wastewater Laboratory	3 WW
CCWU	Wastewater Laboratory for Operators and Analysts Advance Training	12 WW
CCWU	Water and Wastewater Chemical Safety	2 MS
CCWU	Water Lab for Operators & Analysts	1 W
CCWU	Water Laboratory Safety and Water Chemistry	3 W
CCWU	Water Laboratory Solids	3 W
CCWU	Water Main Pipe	2 W
CCWU	Water Quality in the Distribution System	3 W
CCWU	Water Treatment Plant Filter Evaluation	2 W
CCWU	WW Laboratory Advanced Tests & QA/QC	3 WW
CCWU	WW Microbiology & Microbial Analyses	3 W/WW
CCWU	National Safety Council Lift Truck Operator	5 MS
CCWU	HDPE Total Solution Roadshow	5 W/WW

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CCWU	Preventing Harassment, Discrimination, Violence in the Workplace & Bullying	2 MS
CEU Plan	Emerging Waterborne Pathogens within DW/WW	2 W/WW
CEU Plan	Disinfectants: Disinfection By-Products	2 W
CEU Plan	Minimizing Sewer Back-Up Liabilities	1 WW
CEU Plan	Flow Meters 101	1 WW
CEU Plan	Cybersecurity for Operators	1 WW
CEU Plan	World of FOG	1 WW
CEU Plan	Leadership	1 MS
CEU Plan	LP: Water Laboratory Quality Assurance	1 WW
CEU Plan	Supervision & Management Relations to Operations	5 MS
CEU Plan	Ebola-An emerging waterborne pathogen	1 WW
CEU Plan	Jar Testing	1 WW
CEU Plan	Chloramination	2 W
CEU Plan	Distribution System Monitoring	1 W/WW
CEU Plan	Activated Sludge - Complete Course	5 WW
CEU Plan	Activated Sludge I: Introduction and Overview	1 WW
CEU Plan	Activated Sludge II: 2nd Clarifiers and RAS-WAS	1 WW
CEU Plan	Activated Sludge III: Oxygen Demand - Transfer - Uptake	1 WW
CEU Plan	Activated Sludge IV: Process Control & Troubleshooting	1 WW
CEU Plan	Activated Sludge V: Troubleshooting Part 2	1 WW
CEU Plan	Advanced Mathematics	2 W/WW
CEU Plan	Analytical Chemistry	1 W/WW
CEU Plan	Analytical Chemistry Techniques	3 W/WW
CEU Plan	Analytical Instruments used for Water & Wastewater	2 W/WW
CEU Plan	Arsenic	1 W
CEU Plan	Asset Management	2 MS
CEU Plan	Atoms & Molecules	1 W/WW
CEU Plan	Back Disorders	1 MS
CEU Plan	Basic Chemistry - Complete Series	10 W/WW
CEU Plan	Basic Chemistry & Laboratory Techniques	1 W/WW
CEU Plan	Basic Laboratory Terminology & Concepts	2 W/WW
CEU Plan	Basic Mathematics	1 W/WW
CEU Plan	Basic Microbiology	1 W/WW
CEU Plan	Basic Microbiology, Part 2	2 W/WW
CEU Plan	Basic Microscopes for Water & Wastewater Operators	2 W/WW
CEU Plan	BCFS: Delegation/Motivation	1 MS
CEU Plan	Becoming a First Class Supervisor - Complete Course	4 MS
CEU Plan	BCFS: Effective Supervisory Communication	1 MS
CEU Plan	BCFS: Leadership/Coaching	1 MS
CEU Plan	BCFS: Transition from Craftsman to Supervisor	1 MS
CEU Plan	Bio-Augmentation	1 W/WW
CEU Plan	Chemical Bonding	1 W/WW
CEU Plan	Chemical Clothing/Respiratory	3 MS
CEU Plan	Chemical Nonmenclature	1 W/WW
CEU Plan	Chlorinators	1 W/WW
CEU Plan	Chlorine Dioxide	1 W/WW
CEU Plan	Chlorine Procedures	1 W/WW
CEU Plan	CIPP Point Repair for Sanitary Sewers	1 WW
CEU Plan	Clarifier Operation	2 WW
CEU Plan	Collection Mathematics	2 WW

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CEU Plan	Collection System: Getting to the Root of the Sewer Problem	1 WW
CEU Plan	Collection System: Sewer Line Root Control	4 WW
CEU Plan	Common Pitfalls in Chemical Feed	4 W/WW
CEU Plan	Components of Chlorine	1 W/WW
CEU Plan	Corrective Preventive Maintenance: Complete Course	8 W/WW
CEU Plan	Corrosion Control	1 W/WW
CEU Plan	Corrosion Management	4 W/WW
CEU Plan	CPM: Building a PM Program	2 W/WW
CEU Plan	CPM: Creating SOP's	2 W/WW
CEU Plan	CPM: Functions, Failures - Modes & Effects	2 W/WW
CEU Plan	CPM: Trackling Failures	2 W/WW
CEU Plan	Dechlorination - Gas Application and Usage	3 WW
CEU Plan	Disinfection Alternatives	4 W/WW
CEU Plan	Distribution Mathematics	2 W
CEU Plan	Dye Tracing of the Path of Water	1 W
CEU Plan	Emergency Response	1 MS
CEU Plan	Emerging Waterborne Pathogens	3 W/WW
CEU Plan	Enhanced Coagulation	1 W/WW
CEU Plan	ERS: Generators	1 W/WW
CEU Plan	Filamentious Bacteria Identification & Process Control	1 W/WW
CEU Plan	Fire Hydrant Inspection, Maintenance, & Flushing	1 W
CEU Plan	FOG: Fats, Oils, and Grease	4 WW
CEU Plan	Fundamental & Hydraulics of Backflow	1 W/WW
CEU Plan	Geology	1 W/WW
CEU Plan	Grit Removal	1 WW
CEU Plan	Ground Water System Operations	4 W
CEU Plan	Hazardous Materials Effects to Human Health	4 MS
CEU Plan	Health Concerns of Public Interest	1 MS
CEU Plan	Heat Stress	1 MS
CEU Plan	History of Ultraviolet Disinfection	1 W/WW
CEU Plan	HIV in Wastewater: Presence and Risk	2 WW
CEU Plan	Industrial Wastewater Sludge	1 WW
CEU Plan	Industrial Wastewater Treatment	6 WW
CEU Plan	Introduction in Biological Nutrient Removal	2 WW
CEU Plan	Introduction into the CDC Organization	1 MS
CEU Plan	Introduction to Backflow Prevention	1 W/WW
CEU Plan	Introduction to Basic Microbiology and Parasites	6 W/WW
CEU Plan	Introduction to Chlorine	1 W/WW
CEU Plan	Introduction to Concrete Pressure Pipe	1 W/WW
CEU Plan	Introduction to Cross Connection	1 W/WW
CEU Plan	Introduction to GIS	1 MS
CEU Plan	Introduction to Management Relations for Operators	2 W/WW
CEU Plan	Introduction to Mechanical Seals	1 W/WW
CEU Plan	Introduction to PLCs in Municipal Water and Wastewater	2 W/WW
CEU Plan	Introduction to Reclaimed Water	1 W/WW
CEU Plan	Introduction to SCADA and HMIs	3 W/WW
CEU Plan	Introduction to Solids Handling and Stabilizatio	1 WW
CEU Plan	Introduction to Supervision for Operators	3 MS
CEU Plan	Introduction to the Hydrologic Cycle and Aquifers	1 W
CEU Plan	Introduction to UV technologies	1 W/WW

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CEU Plan	Introduction to Wastewater Microbiology & Process Control	1 W/WW
CEU Plan	Introduction to Watersheds and Riversheds	1 W
CEU Plan	Laboratory Safety: Electrical, Fire and Radiation Safety	1 MS
CEU Plan	Laboratory Safety: Guidelines-Chemical&Biosafety	1 MS
CEU Plan	Laboratory Safety: Labware and Waste Disposal	1 MS
CEU Plan	Laboratory Safety: Overview, Rules, & Regulations	1 MS
CEU Plan	Laboratory Safety: The Nucleus of a Lab Safety Program	1 MS
CEU Plan	Laboratory Safety: Complete Course	5 MS
CEU Plan	Lead and Copper Rule	1 W
CEU Plan	Lift Station Repair	1 W/WW
CEU Plan	Lime/Soda Ash Softening for Water Plant Operators	1 W
CEU Plan	LP: Basic Drinking Water Quality Test	2 W
CEU Plan	LP: Basic Wastewater Lab Procedures	1 WW
CEU Plan	LP: Biochemical Oxygen Demand (BOD)	1 WW
CEU Plan	LP: Drinking Water Bacteriological Procedures	1 W
CEU Plan	LP: Fecal Coliform Bacteria	1 WW
CEU Plan	LP: Lab Terminology and Apparatus	1 W/WW
CEU Plan	LP: Nitrogen-Ammonia	1 WW
CEU Plan	LP: Solids	1 WW
CEU Plan	LP: Wastewater Techniques - complete course	6 WW
CEU Plan	Manager's Guide to Cost Control	2 MS
CEU Plan	Math for Water Plant and Distribution	1 W
CEU Plan	Mechanical Seal Failures	1 W/WW
CEU Plan	Nuclear Decay	1 W/WW
CEU Plan	Nuts, Bolts, and Gaskets - part one	1 W/WW
CEU Plan	Nuts, Bolts, and Gaskets - part two	1 W/WW
CEU Plan	On-Site Sodium Hypochlorite Generator Conversion	4 W/WW
CEU Plan	ORP - Wastewater Biological Nutrients Removal Process	1 WW
CEU Plan	Oxidation in Water/Wastewater	1 W/WW
CEU Plan	Package - Wastewater Treatment Plant	1 WW
CEU Plan	Parasites, Part 2	2 W/WW
CEU Plan	Parasites, Part I - Helminths	1 W/WW
CEU Plan	Personal Sampling	1 W/WW
CEU Plan	Pipe, Valves, and Fittings	1 W/WW
CEU Plan	Primary Treatment	1 WW
CEU Plan	Principles of Chlorination & Dechlorination	3 W/WW
CEU Plan	Procedure for UV Pilot Testing	1 W/WW
CEU Plan	Public Admin I - Introduction into Public Administration	1 MS
CEU Plan	Pump Station Maintenance	1 WW
CEU Plan	Reasonable Security Measures to Protect your Plant	1 MS
CEU Plan	Respiratory Protection	2 MS
CEU Plan	Reverse Osmosis	1 W/WW
CEU Plan	Sampling for Surface Contaminants	1 W/WW
CEU Plan	Septage Handling at the Treatment Plant	1 WW
CEU Plan	Sludge Conditioning & Dewatering	1 WW
CEU Plan	Sludge Digestion and Beneficial Use	1 WW
CEU Plan	Sludge Digestion and Solids Handling	4 WW
CEU Plan	Solubility	2 W/WW

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CEU Plan	Stabilizations	1 WW
CEU Plan	States of Matter	1 W/WW
CEU Plan	Technical Equipment	1 W/WW
CEU Plan	Terrorism Vulnerability Assessment in Community Water System	1 MS
CEU Plan	Testing a DCVA - Double Check Valve Assembly BPD - 3 valve test kit	1 W
CEU Plan	Testing a RPZ - Reduced Pressure Principle BPD - 3 valve test kit	3 W
CEU Plan	Thermal Controls	2 W/WW
CEU Plan	TMPAP: Checklists Mean More than a Checkmark	1 MS
CEU Plan	TMPAP: Solutions Can be Healthy	1 MS
CEU Plan	Toxic & Hazardous Material Handling Procedures	4 MS
CEU Plan	TPMAP: Equipment Failures and Hazards	1 MS
CEU Plan	TPMAP: Ownership of Equipment	1 MS
CEU Plan	Treatment Plant Maintenance and Accident Prevention	4 MS
CEU Plan	Trenchless Technologies: An Introduction	1 W/WW
CEU Plan	Trenchless Technologies: Complete Course	2 W/WW
CEU Plan	Trenchless Technologies: Pipeline & Structure Rehabilitation	1 W/WW
CEU Plan	Trickling Filters	1 WW
CEU Plan	Use of an Excel Spreadsheet in a Wastewater Treatment Plant	1 WW
CEU Plan	UV Disinfection - Sizing of UV System using Bioassay	1 W/WW
CEU Plan	Wastewater Formulas	2 WW
CEU Plan	Wastewater Microbiology & Process Control - part one	3 W/WW
CEU Plan	Wastewater Microbiology & Process Control - Part two	2 WW
CEU Plan	Wastewater Operational Tools	1 WW
CEU Plan	Wastewater Ponds and Lagoons	2 W/WW
CEU Plan	Wastewater Sludge Treatment: Complete Course	2 WW
CEU Plan	Wastewater Treatment Process Control Tools	2 WW
CEU Plan	Water Loss Control	2 W
CEU Plan	Water Purification	2 W/WW
CEU Plan	Water Shortage, Reuse, and Resource Management: The St. Petersburg, Florida Experience	1 W/WW
CEU Plan	Water Treatment Techniques - Complete Course	10 W
CEU Plan	Wetlands: Study of the Everglades	2 W
CEU Plan	What is Cryptosporidium?	1 W/WW
CEU Plan	WTT: Distillation	2 W
CEU Plan	WTT: Filtration	2 W
CEU Plan	WTT: Ion Exchange	2 W
CEU Plan	WTT: Membrane Separation	2 W
CEU Plan	WTT: Settling and Clarification	2 W
CEU Plan	Your Responsibilities with the Regulatory Agency	1 MS
Chattahoochee Technical College	Intro to Wastewater Treatment	12 WW
Chattahoochee Technical College	Intro to Water Treatment Processes	4 W
CHEMTRAC	Optimizing Filters with Particle Counters	2 W
CHEMTRAC	Optimizing Coagulation Using Streaming Current Measurement	4 W
City of Gainesville	Applied Math for Water and Wastewater Operators	6 W/WW
Clayton County Water Auth	Distribution and Conveyance Training Day	6 W/WW

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
Covenant Group of Georgia LLC	First Aid CPR and AED	Table – Pending corrected spreadsheet.
Covenant Group of Georgia LLC	Heart Saver CPR and AED (AHA)	Table – Pending corrected spreadsheet.
Covenant Group of Georgia LLC	Safety First	Table – Pending corrected spreadsheet.
Covenant Group of Georgia LLC	Flagger Training (NSC)	Table – Pending corrected spreadsheet.
DeKalb County Watershed Management	Renewal Points for Water & Wastewater Operators	6 W/WW
DeKalb County Watershed Management	Water Distribution	New application needs to be submitted.
DeKalb County Watershed Management	Water Treatment	New application needs to be submitted.
DeKalb County Watershed Management	Wastewater Treatment	New application needs to be submitted.
DeKalb County Watershed Management	Advanced Waste Treatment	12 WW
DeKalb County Watershed Management	Wastewater Collection	New application needs to be submitted.
DeKalb County Watershed Management	Pipeline, Manhole & Lateral Assessment & Certification Program	12 WW
DeKalb County Watershed Management	Water Wastewater Expo	6 W/WW
Douglasville-Douglas County Water & Sewer Authority	Confined Space Entry	4 MS
Douglasville-Douglas County Water & Sewer Authority	WSA's Filter Surveillance & PM Program 1	2 W
Douglasville-Douglas County Water & Sewer Authority	Bacteriological Analyses	2 W
Douglasville-Douglas County Water & Sewer Authority	Controlling DBP Formation	2 W
Douglasville-Douglas County Water & Sewer Authority	WSA's Filter Surveillance & PM Program 3	2 W
Douglasville-Douglas County Water & Sewer Authority	Understanding Basic Analytical Instrumentation	2 W
Douglasville-Douglas County Water & Sewer Authority	Test Equipment PM & Calibrations	2 W
Douglasville-Douglas County Water & Sewer Authority	Water Plant Security	2 WW
Douglasville-Douglas County Water & Sewer Authority	Rules & Regulations	2 W
Douglasville-Douglas County Water & Sewer Authority	Toxicity Screening Program	2 W
Douglasville-Douglas County Water & Sewer Authority	WSA's Filter Surveillance & PM Program 2	2 W
Douglasville-Douglas County Water & Sewer Authority	Operator Math	2 W
Douglasville-Douglas County Water & Sewer Authority	Defensive Driving	4 MS
Douglasville-Douglas County Water & Sewer Authority	CPR,AED.And First Aid For Adults	4 MS

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
Douglasville-Douglas County Water & Sewer Authority	Water Plant Safety	2 WW
Douglasville-Douglas County Water & Sewer Authority	Vertical Turbine Backwash Pump	1 W
Douglasville-Douglas County Water & Sewer Authority	Vertical Turbine Raw Water Pump & Electric Check Valve	1 W
Douglasville-Douglas County Water & Sewer Authority	NaOCI Dilution Panel and Cell Cleaning	2 W
Douglasville-Douglas County Water & Sewer Authority	Lime & Carbon Silos & Feeders	2 W/WW
Douglasville-Douglas County Water & Sewer Authority	Dry Chemical Feed System	2 W/WW
Douglasville-Douglas County Water & Sewer Authority	Alum Polymer Feed & Pumps	1 W/WW
Douglasville-Douglas County Water & Sewer Authority	Hypochlorite Pumps, Tanks & Blowers	1 W/WW
Douglasville-Douglas County Water & Sewer Authority	Understanding & Controlling Electrical Costs	1 MS
Douglasville-Douglas County Water & Sewer Authority	Lead & Copper Rule & Corrosion	1 W
Douglasville-Douglas County Water & Sewer Authority	WSA'S UCMR History	1 W
Ennoble Training Solutions	Collections System Operator	12 W
Ennoble Training Solutions	Basic Operator Math for Water & Wastewater	6 W/WW
Ennoble Training Solutions	Basic Drinking Water	12 WW
Ennoble Training Solutions	Basic Wastewater Treatment	12 W
Ennoble Training Solutions	Basic Math for the Laboratory	6 WW
Ennoble Training Solutions	Distribution Systems Operator	12 W
GA Section American Water Works Assoc. GAWP	Optimizing Performance & Accessing Funding to Improve Small Systems	6 MS
Georgia Utility Training Academy	Pump Station Design and Pitfalls	6 W/WW
Georgia Utility Training Academy	Accident Investigation	6 MS
Georgia Utility Training Academy	Basic Wastewater Treatment	12 WW
Georgia Utility Training Academy	Basic Water Treatment	12 W
Georgia Utility Training Academy	Valve & Hydrant Repair	6 W
Georgia Utility Training Academy	Wastewater Collection System Math	6 WW
Georgia Utility Training Academy	Wastewater Treatment Math	6 WW
Georgia Utility Training Academy	Water Distribution Math	6 W
Georgia Utility Training Academy	Water Treatment Math	6 W
Georgia Utility Training Academy	Confined Space Entry & Program Development	6 MS
Georgia Utility Training Academy	Operation & Maintenance of Wastewater Collection Systems	12 WW
Georgia Utility Training Academy	Water Distribution System Operation & Maintenance	12 W
Georgia Utility Training Academy	Distribution Sampling	6 W
Georgia Utility Training Academy	Pump Station Operation & Maintenance	6 W/WW
Georgia Utility Training Academy	Wastewater Operator Review	6 WW
Georgia Utility Training Academy	Water Operator Review	6 W
Georgia Water Wastewater Institute	A.Y. McDonald Anatomy of a Service Lateral	2 W
Georgia Water Wastewater Institute	A.Y. McDonald Anatomy of a Service Lateral	3 W
Georgia Water Wastewater Institute	Activated Sludge Part 1	12 WW
Georgia Water Wastewater Institute	Activated Sludge Part 2	12 WW
Georgia Water Wastewater Institute	Advanced Pipeline Review	6 W/WW
Georgia Water Wastewater Institute	Backflow 1-Day Renewal	6 W/WW
Georgia Water Wastewater Institute	Backflow for Program Administrators	12 W/WW

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
Georgia Water Wastewater Institute	Backflow Prevention Assembly Application, Diagnostics, & Repair	12 W
Georgia Water Wastewater Institute	Backflow Prevention Assembly Repair	6 W/WW
Georgia Water Wastewater Institute	Backflow Prevention Assembly Tester Training	12 W/WW
Georgia Water Wastewater Institute	Basic Chemistry for Treatment Operators & Lab Analysts	12 W
Georgia Water Wastewater Institute	Basic Pipeline Review	6 W/WW
Georgia Water Wastewater Institute	Basic Water Hydraulics for Treatment Operators	6 W/WW
Georgia Water Wastewater Institute	BOD Workshop	6 W/WW
Georgia Water Wastewater Institute	Class 3 WEF Wastewater Treatment Fundamentals	12 W/WW
Georgia Water Wastewater Institute	Class 2 Wastewater Laboratory	12 WW
Georgia Water Wastewater Institute	Class 2 Wastewater Treatment	12 WW
Georgia Water Wastewater Institute	Class 2 Drinking Water Laboratory	1 W
Georgia Water Wastewater Institute	Class 2 Drinking Water Treatment	1 W
Georgia Water Wastewater Institute	Class 3 Wastewater Treatment	12 WW
Georgia Water Wastewater Institute	Class 3 Drinking Water Treatment	1 W
Georgia Water Wastewater Institute	Class 4 Wastewater Treatment	6 WW
Georgia Water Wastewater Institute	Class 4 Drinking Water Treatment	6 W
Georgia Water Wastewater Institute	Collection Systems Operation & Maintenance	12 WW
Georgia Water Wastewater Institute	Confined Space Entry Fundamentals	6 MS
Georgia Water Wastewater Institute	Distribution Systems Operation & Maintenance	12 W
Georgia Water Wastewater Institute	Distribution Systems Review	6 W
Georgia Water Wastewater Institute	Drinking Water Laboratory Analyst	12 W
Georgia Water Wastewater Institute	Drinking Water Laboratory Methods Plus Jar Testing	6 W
Georgia Water Wastewater Institute	Drinking Water Math Part 1	6 W
Georgia Water Wastewater Institute	Drinking Water Math Part 2	12 W
Georgia Water Wastewater Institute	Drinking Water Microbiology	1 W
Georgia Water Wastewater Institute	Drinking Water Regulations & Compliance	6 W
Georgia Water Wastewater Institute	Drinking Water Treatment Process Control	6 W
Georgia Water Wastewater Institute	Electrical Concepts	6 W/WW
Georgia Water Wastewater Institute	Evaluation of Laboratory Data	2 W/WW
Georgia Water Wastewater Institute	FOG Program and SSO Reporting	6 WW
Georgia Water Wastewater Institute	Fundamental Laboratory Techniques	12 W/WW
Georgia Water Wastewater Institute	Fundamental Watershed Management (Water Quality Sampling)	12 W/WW
Georgia Water Wastewater Institute	Handling Water Quality Complaints	6 W
Georgia Water Wastewater Institute	Industrial Wastewater Treatment	12 WW
Georgia Water Wastewater Institute	Instrumentation & Calibration	6 W
Georgia Water Wastewater Institute	Jar Test Procedure Workshop	12 W/WW
Georgia Water Wastewater Institute	Jar Test Workshop	12 W/WW
Georgia Water Wastewater Institute	Laboratory Analysis of Nitrogen	6 W/WW
Georgia Water Wastewater Institute	Laboratory Math	6 W/WW
Georgia Water Wastewater Institute	Laboratory Quality Assurance	6 W/WW
Georgia Water Wastewater Institute	Basic Maintenance Technologist Class 2	12 W/WW
Georgia Water Wastewater Institute	Basic Maintenance Technologist Class 3	12 W/WW
Georgia Water Wastewater Institute	PM Program & Lubrication For Operators	6 W
Georgia Water Wastewater Institute	Process Control Review	6 WW
Georgia Water Wastewater Institute	Pumping Systems	6 W/WW
Georgia Water Wastewater Institute	Sampling Procedures for Wastewater	6 WW
Georgia Water Wastewater Institute	Solids Handling	6 W/WW
Georgia Water Wastewater Institute	Wastewater Collection Systems Review	6 WW
Georgia Water Wastewater Institute	Wastewater Laboratory Analyst	12 WW
Georgia Water Wastewater Institute	Wastewater Math Part 1	6 WW

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
Georgia Water Wastewater Institute	Wastewater Math Part 2	12 WW
Georgia Water Wastewater Institute	Wastewater Regulations & Compliance	6 W
Georgia Water Wastewater Institute	Drinking Water Sampling	6 W
Georgia Water Wastewater Institute	Water Utility Inspection Part 1	12 W/WW
Georgia Water Wastewater Institute	Water Utility Management	12 W/WW
GRWA	Activated Sludge I	12 WW
GRWA	Activated Sludge I - Fundamentals	6 WW
GRWA	Activated Sludge II	12 WW
GRWA	Activated Sludge II – Nutrient Removal	6 WW
GRWA	Activated Sludge Process Control & Optimization	6 WW
GRWA	Activated Sludge Process Optimization	12 WW
GRWA	Advanced Math (Mobile Ready Course) Online	Table – To February 26, 2020 Board meeting
GRWA	Advanced Wastewater Process Audit Optimization Program	12 WW
GRWA	Advanced Wastewater Process Optimization	12 WW
GRWA	Advanced Water I	12 W
GRWA	Advanced Water II	12 W
GRWA	Air Valves	4 W/WW
GRWA	Annual Fall Conference	12 W/WW
GRWA	Annual Training & Technical Conference	12 W/WW
GRWA	Applied Utility Math	12 W/WW
GRWA	Backflow Assembly Repair Seminar	6 W/WW
GRWA	Backflow Assembly Testers Review	6 W/WW
GRWA	Backflow Prevention Assembly Testers Training Course	12 W/WW
GRWA	Basic Environmental Chemistry	Table – To February 26, 2020 Board meeting
GRWA	Basic Industrial Wastewater	12 WW
GRWA	Basic Math	8 W/WW
GRWA	Basic Surface Water Development and Treatment	12 W
GRWA	Basic Wastewater	12 WW
GRWA	Basic Water	12 W
GRWA	Basic Water Works	Table – To February 26, 2020 Board meeting
GRWA	Chemical Feed Systems & Pump Calibrations for Water & Wastewater Treatment Plants	Table – To February 26, 2020 Board meeting
GRWA	Chlorination Seminar	6 W/WW
GRWA	Chlorinator Systems & Chemical Handling	Table – To February 26, 2020 Board meeting
GRWA	Chlorine Disinfection Workshop	6 W/WW
GRWA	Clarifier Fundamental	4 WW
GRWA	Competent Person Confined Space Entry	5 MS
GRWA	Consumer Confidence Report Workshop	6 W
GRWA	Corrosion Control Treatment Optimization	Table – To February 26, 2020 Board meeting
GRWA	Customer Service Inspection and Cross Connection Control	Table – To February 26, 2020 Board meeting

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Program Provider/Sponsor	Course Title / Notes	Points
GRWA	Disinfection By-Products - On-Line Training	Table – To February 26, 2020 Board meeting
GRWA	Disinfection for the Water & Wastewater Operator	6 W/WW
GRWA	Dissolved Air Flotation	Table – To February 26, 2020 Board meeting
GRWA	Distribution System Operation & Maintenance	12 W
GRWA	Drinking Water Filtration A - Z	Table – To February 26, 2020 Board meeting
GRWA	Drinking Water Regulatory Training For Systems Using Ground Water	5 W
GRWA	Ductile 101	6 W
GRWA	EPD Surface Water Sanitary Survey Update	2 W
GRWA	Eye & Face Protection	Table – To February 26, 2020 Board meeting
GRWA	Federal Regulations Impacting Large & Medium Surface Water Systems	6 W
GRWA	Federal Revised Total Coliform Rule Training	4 W
GRWA	Filter Evaluation & Optimization	4 W
GRWA	Filter Optimization Workshop	8 W
GRWA	Flood Resilience Training for Water and Wastewater Utilities	6 MS
GRWA	Fluoridation Training	4 W
GRWA	Georgia Emergency Response/Recovery Exercise for the Water & Wastewater Sector	6 MS
GRWA	Georgia Surface Water Regulatory Training	4 W
GRWA	Ground Water Source Development for Public Water Systems	6 W
GRWA	Groundwater Treatment Workshop	6 W
GRWA	Hazard Communications Online Training	Table – To February 26, 2020 Board meeting
GRWA	Hydrogen Sulfide Prevention and Corrosion Control	6 W/WW
GRWA	Industrial Pretreatment Facility Inspection	12 MS
GRWA	Introduction to Wastewater Processing	Table – To February 26, 2020 Board meeting
GRWA	Jar Testing Workshop	6 W/WW
GRWA	LT2 Enhanced Surface Water Treatment Rule Training	6 W
GRWA	Maintaining Water Quality in the Distribution System	6 W
GRWA	Math Basics	3 W/WW
GRWA	Math Made Easy	6 W/WW
GRWA	Membrane Bio Reactor Principles, Operation and Optimization	12 WW
GRWA	Membrane Filtration for Drinking Water: Principles, Operation & Optimization	12 W
GRWA	Membrane Treatment of Wastewater	Table – To February 26, 2020 Board meeting
GRWA	Meters, Valve & Hydrant Installation Repairs	4 W/WW
GRWA	Microscopic Workshop for the Activated Sludge WWTP	12 WW
GRWA	Mueller Training For Distribution Systems	6 W
GRWA	Natural Treatment Process	12 WW
GRWA	Pipeline Repair	4 W

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GRWA	Practical Personnel Management	3 MS
GRWA	Primary Sludge Fermentation	Table – To February 26, 2020 Board meeting
GRWA	Pump & Motor Maintenance	Table – To February 26, 2020 Board meeting
GRWA	Pump Maintenance, Trouble Shooting & Operating Efficiency	6 W/WW
GRWA	Pump School Training	6 W/WW
GRWA	Regulatory Implementation Training For Surface Water Systems	5 W
GRWA	Security Vulnerability Self Assessment Guide For Small Drinking Water Systems	6 W
GRWA	Sequencing Batch Reactor Principles, Operation and Optimization	12 WW
GRWA	Sludge Digestion and Stabilization	6 WW
GRWA	Sludge Thickening & Dewatering	4 WW
GRWA	Small Wastewater System Operator Class IV	6 WW
GRWA	Small Water System Operator Class IV	6 W
GRWA	Solids Management & Process Optimization Water & Wastewater	12 W/WW
GRWA	Stage 2 Disinfectants & Disinfection By Product Rule Training	6 W
GRWA	Stage 2 Disinfection ByProduct Rule Compliance Training	4 W
GRWA	Streaming Current Measurement & Chlorination/Dechlorination Operations	4 W
GRWA	Surface Water Production 1	Table – To February 26, 2020 Board meeting
GRWA	Surface Water Production 2	Table – To February 26, 2020 Board meeting
GRWA	Surface Water Treatment	Table – To February 26, 2020 Board meeting
GRWA	Sustainable Management of Rural & Small Systems	6 MS
GRWA	Technologies, Techniques & Methods for Maintaining Water Quality	4 W
GRWA	Tertiary Treatment & Nutrient Removal	12 WW
GRWA	Trenching *Competent Person* Workshop	6 MS
GRWA	Understanding the Stage 2 Disinfection By-Product Rule For Small & Medium Systems and Non-Transient, Non-Community Systems	Table – To February 26, 2020 Board meeting
GRWA	Utility Emergency Response Planning & Security Improvements	8 MS
GRWA	Utility Safety For Water & Wastewater Operators	Table – To February 26, 2020 Board meeting
GRWA	Vacuum Prime Pumping Stations Continuing Education/Re-Certification	4 W/WW
GRWA	Valve & Hydrant Maintenance	Table – To February 26, 2020 Board meeting
GRWA	Wastewater & Collection System Exam Review	6 WW
GRWA	Wastewater Collection	Table – To February 26, 2020 Board meeting

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Program Provider/Sponsor	Course Title / Notes	Points
GRWA	Wastewater Collection System Operation & Maintenance	12 WW
GRWA	Wastewater Disinfection-Online Course	3 WW
GRWA	Wastewater Lab for Analysts & Operator	12 WW
GRWA	Wastewater Treatment	Table – To February 26, 2020 Board meeting
GRWA	Wastewater Treatment Facility Optimization	12 WW
GRWA	Water & Wastewater Facility & Laboratory Safety	6 MS
GRWA	Water & Wastewater Operator Handbook	Table – To February 26, 2020 Board meeting
GRWA	Water & Wastewater Utilities Supervision & Management	12 W/WW
GRWA	Water Distribution System - Valves, Hydrants, & Water Meters	6 W
GRWA	Water Distribution System Disinfection, Emergency Repairs & New Main Installation	6 W
GRWA	Water Distribution System O/M, System Hydraulics & Flushing	6 W
GRWA	Water Lab for Analysts & Operators	12 W
GRWA	Water Quality Workshop	6 W
GRWA	Water Transmission and Distribution	6 W
GRWA	Water Treatment Methods for TOC, Radionuclides, Arsenic & DBP's	4 W
GRWA	Water Utility Math	12 W
GRWA	Water, Public Health and Health Coordination Workshop	6 MS
GRWA	Advanced Math (Mobile Ready Course) Online	6 W/WW
GRWA	Basic Environmental Chemistry	12 W/WW
GRWA	Basic Water Works	5 W
GRWA	Chemical Feed Systems & Pump Calibrations for Water & Wastewater Treatment Plants	3 W/WW
GRWA	Chlorinator Systems & Chemical Handling	12 W/WW
GRWA	Corrosion Control Treatment Optimization	6 W/WW
GRWA	Customer Service Inspection and Cross Connection Control	3 W/WW
GRWA	Disinfection By-Products - On-Line Training	6 W
GRWA	Dissolved Air Flotation	5 WW
GRWA	Drinking Water Filtration A - Z	6 W
GRWA	Eye & Face Protection	1 MS
GRWA	Hazard Communications Online Training	3 W
GRWA	Introduction to Wastewater Processing	5 WW
GRWA	Membrane Treatment of Wastewater	6 WW
GRWA	Primary Sludge Fermentation	6 WW
GRWA	Pump & Motor Maintenance	6 W/WW
GRWA	Surface Water Production 1	6 W
GRWA	Surface Water Production 2	6 W
GRWA	Surface Water Treatment	5 W
GRWA	Utility Safety For Water & Wastewater Operators	6 W/WW
GRWA	Valve & Hydrant Maintenance	3 W
GRWA	Wastewater Treatment	6 WW
GRWA	Water & Wastewater Operator Handbook	6 W/WW
GRWA	Wastewater Collection	12 WW
GRWA	Water Utility Safety	12 W

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
GRWA	Water Utility Math	12 W
GRWA	Water Transmission and Distribution	6 W
GRWA	Wastewater Disinfection	5 WW
GRWA	Understanding the Stage 2 Disinfection By-Product	6 WW
GRWA	Maintaining Water Quality in the Distribution System	6 W
GRWA	Math Basics	3 W/WW
GRWA	Water Transmission and Distribution	6 W
Gwinnett County Department of Water Resources	Advanced Wastewater Treatment	12 W/WW
Gwinnett County Department of Water Resources	Advanced Water Treatment	12 W
Gwinnett County Department of Water Resources	Applied Math for Operators	2 WW
Gwinnett County Department of Water Resources	Arc Flash Awareness	1 MS
Gwinnett County Department of Water Resources	Basic Electrical Troubleshooting	6 MS
Gwinnett County Department of Water Resources	Basic Wastewater Treatment	1 W
Gwinnett County Department of Water Resources	Basic Water Treatment	12 W
Gwinnett County Department of Water Resources	Bloodborne Pathogens	2 MS
Gwinnett County Department of Water Resources	Centrifugal Pump Theory Training	6 MS
Gwinnett County Department of Water Resources	Confined Space Safety	4 MS
Gwinnett County Department of Water Resources	CPR/First Aid	4 MS
Gwinnett County Department of Water Resources	Disinfection	6 W
Gwinnett County Department of Water Resources	Excavation Safety Class	2 MS
Gwinnett County Department of Water Resources	Eye Protection	2 MS
Gwinnett County Department of Water Resources	Hand Tool Safety	2 MS
Gwinnett County Department of Water Resources	Safety First: Ac Flash State Submittal	1 MS
Gwinnett County Department of Water Resources	Safety First: Hazard Communication	1 MS
Gwinnett County Department of Water Resources	Safety First: Pipe and Street Saws	1 MS
Gwinnett County Department of Water Resources	Safety First: Slips, Trips, and Falls	1 MS
Gwinnett County Department of Water Resources	High Risk Electrical Safety	1 MS
Gwinnett County Department of Water Resources	OSHA Hazardous Communication Standard	4 MS
Gwinnett County Department of Water Resources	NFPA 70 E Low Voltage Qualified Person	2 WW
Gwinnett County Department of Water Resources	OSHA 10 Hour Safety Training	6 MS
Gwinnett County Department of Water Resources	Ozone in Wastewater	3 WW
Gwinnett County Department of Water Resources	Ozone in Water	3 W
Gwinnett County Department of Water Resources	Ozone Overview and Safety	3 W/WW
Gwinnett County Department of Water Resources	Pump Theory	12 W WW
Gwinnett County Department of Water Resources	Water Distribution Operation and Maintenance	12 W
Gwinnett County Department of Water Resources	Confined Space State Submittal	1 MS
Gwinnett County Department of Water Resources	Chemical Safety State Submittal	1 MS
Gwinnett County Department of Water Resources	PPE Personal Protective Equipment	1 MS
Gwinnett County Department of Water Resources	Defensive Driving	1 MS
Gwinnett County Department of Water Resources	Flagging	2 MS
Gwinnett County Department of Water Resources	Collection System Operator	12 WW
GWWI	Advanced Pipeline Review	6 W/WW
GWWI	Backflow 1-Day Renewal	6 W/WW
GWWI	Basic Water Hydraulics for Treatment Operators	6 W/WW
GWWI	Basic Pipeline Review	6 W/WW
GWWI	Class 4 Small Wastewater Treatment	6 WW
GWWI	Class 4 Water Treatment	6 W
GWWI	Distribution Systems Review	6 W
GWWI	Drinking Water Math Part 1	6 W
GWWI	Drinking Water Math Part 2	12 W
GWWI	Drinking Water Treatment Process Control	6 W
GWWI	Drinking Water Regulations & Compliance	6 W

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
GWWI	Drinking Water Sampling	6 W
GWWI	Electrical Concepts	6 W/WW
GWWI	FOG Program and SSO Reporting	6 WW
GWWI	Handling Water Quality Complaints	6 W
GWWI	Instrumentation & Calibration	6 W/WW
GWWI	Laboratory Math	6 W/WW
GWWI	Laboratory Quality Assurance	6 W/WW
GWWI	PM Program & Lubrication For Operators	6 W/WW
GWWI	Process Control Review	6 WW
GWWI	Pumping Systems	6 W/WW
GWWI	Sampling Procedures for Wastewater	6 WW
GWWI	Solids Handling	6 W/WW
GWWI	Wastewater Collection Systems Review	6 WW
GWWI	Wastewater Math Part 1	6 WW
GWWI	Wastewater Math Part 2	12 WW
GWWI	Wastewater Regulations & Compliance	6 WW
JADE Learning	Electrical Safety and Protection	1 W/WW
JADE Learning	Pumps Part 1	2.5 W/WW
JADE Learning	Pumps Part 2	2.5 W/WW
JADE Learning	Piping Systems Part 1	2.5 W/WW
JADE Learning	Piping Systems Part 2	2.5 W/WW
JADE Learning	Introduction to Water Technology	2.5 W/WW
JADE Learning	Wastewater Treatment Processes	2.5 WW
JADE Learning	Maintaining Wastewater Equipment	2.5 WW
Jet-Vac Equipment Company, LLC	Sewer line Maintenance & Equipment Seminar	6 WW
Lubrication Engineers	Lubrication Best Practices and Contamination Control	4 W
NNT Training	NFPA 70 NEC 2020	12 MS
NNT Training	NFPA 70 NEC NU 20: Changes & Updates	12 MS
NNT Training	NFPA 70 NEC NU1 20: Changes & Updates	4 MS
NNT Training	NFPA 70 NEC NU1 20: Changes & Updates	6 MS
Southern Safety Services	Confined Space Entry	6 MS
Templeton	Automated Control Valves	6 W
Templeton	Cloth Media Filter Training	6 WW
Templeton	Pump Troubleshooting & Maintenance	6 W/WW
Templeton	Centrifugal Pumps	6 WW
Templeton	Trojan UV Application & OM Training	4 WW
U.S. EPA Water Security Division	Adapting to Extreme Weather Events	1 W/WW
Vector Solutions	Basic Civil Engineering-Sewers and Sewage	1 W/WW
Vector Solutions	Basic Civil Engineering-Water Supply	4 W/WW
Vector Solutions	Basics of Water Resources: Groundwater Contamination	1 W/WW
Vector Solutions	Drinking Water Quality-Critical Parameters	4 W/WW
Vector Solutions	Drinking Water Quality-Monitoring & Security	1 W/WW
Vector Solutions	Georgia Water Industry Advanced Hazwoper Awareness	4 W/WW
Vector Solutions	Georgia Water Industry Applied Mathematics, Meter Reading and Debt Collection	3 W/WW
Vector Solutions	Georgia Water Industry Fire and Flammable Liquids Safety	3 W/WW
Vector Solutions	Georgia Water Industry Wastewater Treatment, Confined Space Entry, Trenching and Shoring	3 W/WW
Vector Solutions	Georgia Water Industry Water Main Installation and Water Distribution Methods	3 W/WW

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<b>Program Provider/Sponsor</b>	<b>Course Title / Notes</b>	<b>Points</b>
Vector Solutions	Pumping Stations-Piping, Valves and Hydraulics	1 W/WW
Vector Solutions	Pumping Stations-Pumps, Motors and Electrical Systems	2 W/WW
Vector Solutions	Water Industry Advanced Hazwoper Awareness (MOD #1)	2 MS
Vector Solutions	Water Industry Advanced Hazwoper Awareness (MOD #2)	2 MS
Vector Solutions	Water Industry Advanced Hazwoper Awareness (MOD #3)	2 MS
Vector Solutions	Water Industry Advanced Hazwoper Awareness (MOD #4)	2 MS
Vector Solutions	Water Industry Filtration, Hydraulics and Corrosion Control	3 W/WW
Vector Solutions	Water Industry Filtration, Disinfection and Mathematics Basics	3 W/WW
Vector Solutions	Water Industry Applied Mathematics, Meter Reading and Debt Collection	3 W/WW
Vector Solutions	Georgia Water Industry Filtration, Hydraulics and Corrosion Control	3 W/WW
Vector Solutions	Georgia Water Industry Filtration, Disinfection and Mathematics Basics	3 W/WW
Vector Solutions	Georgia Water Industry Emergency Response to Terrorism	4 W/WW
Vector Solutions	Water Industry Fire and Flammable Liquids Safety	3 W/WW
Vector Solutions	Water Industry Wastewater Treatment, Confined Space Entry, Trenching and Shoring	3 W/WW
Vector Solutions	Water Industry Water Main Installation and Water Distribution Methods	3 W/WW
Vector Solutions	Advanced Stormwater Treatment Design	4 W/WW
Vector Solutions	Water Industry Bloodborne Pathogens Safety	1 MS
Vector Solutions	Water Industry Coagulation, Flocculation and Sedimentation	1 W
Vector Solutions	Water Industry Combustible & Flammable Liquids	1 MS
Vector Solutions	Water Industry Confined- Space Entry	1 MS
Vector Solutions	Water Industry Corrosion Control	1 W
Vector Solutions	Water Industry Disinfection Basics	1 W/WW
Vector Solutions	Water Industry Distribution Service to Customers	1 MS
Vector Solutions	Water Industry Distribution System Material and Equipment	1 W
Vector Solutions	Water Industry Effective Meter Reading	1 MS
Vector Solutions	Water Industry Emergency Response to Terrorism (MOD #1)	1 MS
Vector Solutions	Water Industry Emergency Response to Terrorism (MOD #2)	1 MS
Vector Solutions	Water Industry Emergency Response to Terrorism (MOD #3)	1 MS
Vector Solutions	Water Industry Emergency Response to Terrorism (MOD #4)	1 MS
Vector Solutions	Water Industry Excavation	1 W/WW
Vector Solutions	Water Industry Eye Safety	1 MS
Vector Solutions	Water Industry Fall Prevention	1 MS
Vector Solutions	Basic Civil Engineering- Sewage Treatment	1 WW
Vector Solutions	Basics of Water Resources- Groundwater Hydrology	1 W
Vector Solutions	Constructed Wetlands-Free Water Surface Wetlands	3 WW
Vector Solutions	Drinking Water Quality- Water Treatment Technology	1 W

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Program Provider/Sponsor	Course Title / Notes	Points
Vector Solutions	EPA Onsite-Wastewater Treatment-Processes and Systems	4 WW
Vector Solutions	EPA Onsite-Wastewater Treatment-Systems Management	4 MS
Vector Solutions	Water Measurement- Weirs	3 W
VTScada Trihedral	VTScada Fest Orlando 2020	12 MS

**OTHER BUSINESS:**

**Docketed Orders:**

Kim Hembree moved, Gil Shearouse seconded, and the Board voted to ratify the docketed orders as presented:

Type	Licensee	License #	Docket #	City
Consent Order	Athan P. Tsarouhas	WW2-014650	2019-2033	Woodstock

**Correspondence:**

**CSU Sacramento:**

For informational purposes only.

**Experience Inquiry:**

The Board reviewed a question regarding work experience qualifications. The Board noted that they are unable to provide a definitive response without having an application on file. Kim Hembree moved, Gil Shearouse seconded, and the motion carried.

**CE Inquiry:**

The Board reviewed an inquiry regarding CE Course renewals. All course approvals shall expire on or before January 31 of even-numbered years, as stated in Board Rule 750-6-.04(1). The Board does not intend to make changes to this rule at this time. Kim Hembree moved, Gil Shearouse seconded, and the motion carried.

**Rules Review:**

**BOARD RULE 750-1 ORGANIZATION**

The Board believes it is necessary to amend 750-1 to remove any conflict with similar Environmental Protection Division (EPD) Rules and remove asymmetries by deleting extraneous wording. The amendment also updates terminology related to the Professional Licensing Board's (PLB's) organizational structure. This the most succinct way to word the information while adhering to requirements in the statute, acknowledging EPD's role in classifying water and sewerage systems, and properly referencing PLB staff. This amendment is necessary to ensure that the Rule contains language consistent with updates in the PLB's organization and the EPD's mission. EPD is the entity responsible for classifying systems, but how and why they systems are classified may change with advances in technology and environmental regulations. Those details do not need to be expressed in this Board's Rules. This change only impacts the members of the Board.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

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Kenny Green moved to post the following amendments to Board Rules 750-1, Debbie Wright seconded the motion and it carried unanimously.

**Chapter 750-1 ORGANIZATION**

Rule 750-1-.04 Meetings

The Board shall meet at least two times a year to carry out regular business. The chairperson or the Professional Licensing Board's Division Director may call special meetings. Notice of the meeting shall be given to all members at least ten days prior to date of the meeting. Parliamentary procedure shall be according to Robert's Rules of Order, latest edition.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10, 43-1-1(2), 43-1-2, 43-51-3(d), 43-51-4.

Rule 750-1-.06 Classification of Public Water Supply Systems and Wastewater Treatment Plants

The ~~d~~Division shall classify all public water ~~supply~~ treatment systems and wastewater treatment ~~plants systems~~ with due regard to the size, type, character of water or wastewater to be treated and other physical conditions affecting such systems or treatment plants, according to the skill, knowledge, and experience that the operator in responsible charge must have to operate the facilities successfully so as to protect the public health and welfare and prevent unlawful pollution.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10.

**BOARD RULE 750-2 DEFINITIONS**

The Board believes it is necessary to amend 750-2 to clarify the definitions of terms to agree with the proposed rule changes. This amendment is necessary to ensure that language in other rules are clear and to ensure that language is consistent with statute. The Board considered multiple variations and alternate terminology and sentence structure for definitions, and the changes proposed are believed by the board to be the clearest representation of terms that agrees with the individual rule changes, and avoids conflicting definitions or nomenclature. The definition changes will affect all licensees and candidates to the extent that the individual rule changes affect them. The Board asked for input from stakeholders (the Georgia Rural Water Association and the Georgia Association of Water Professionals) as it went through this process. The Board received support from the organizations to make the Rules easier to read and interpret.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-2, Debbie Wright seconded the motion and it carried unanimously

**Chapter 750-2 DEFINITIONS**

Rule 750-2-.01 Definitions

The following words or phrases as used in these Rules shall, unless a different meaning is required by context, have the following meaning:

- (a) "Act" means the certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Act, approved April 8, 1969, and as hereafter may be amended.
- (b) "Board" or "Board of Examiners" means the State Board of Examiners for Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts.
- (c) "Certificate" or "Certification" means a document issued by the Board stating that the operator or laboratory analyst has met the requirements for the specified classification of the certification program.

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- (c) ~~"Class IV Public Water Supply System" means any very small public water supply system in this state which is a ground water system serving a population of less than 1,000.~~
- (d) ~~"Course(s) work" and "Courses"~~ means educational curriculum as approved by the Board.
- (e) "Division" means the Environmental Protection Division of the Georgia Department of Natural Resources.
- (f) "Laboratory analyst" means any person who performs a laboratory test in conjunction with the operation of a public water system or wastewater treatment plant.
- (g) "Laboratory test" means any test performed in conjunction with the operation of a public water supply or wastewater treatment plant that is required for regulatory reporting purposes excluding dissolved oxygen, pH, chlorine residual, turbidity, temperature and specific conductance. ~~Also excluded are those tests performed in a commercial environmental laboratory that is approved under the Division's "Rules for Commercial Environmental Laboratories" are also excluded.~~
- (h) "Operational/analytical topics" means topics of instruction that directly relate to the performance of the duties of a water operator, wastewater operator, distribution operator, collection system operator, or laboratory analyst.
- (i) "Operator" means any person who performs operation duties, as defined by the Board, at wastewater treatment ~~plants systems~~, wastewater collection systems, water distribution systems, public water ~~supply systems~~, or water treatment ~~plants systems~~.
- (j) "Operator in responsible charge" means any operator who has direct general charge of the day-to-day field operation of a wastewater treatment ~~plant system~~, wastewater collection system, water distribution system, or public water ~~supply system~~, and who is responsible for the quality of the treated water or wastewater effluent.;
- (k) "Operation duties":
  1. for a wastewater treatment ~~plant system~~ and for a water treatment ~~plant system~~ means day-to-day process control decisions which may affect the treatment and, therefore, quality of the treated water and/or wastewater effluent; and
  2. for a wastewater collection system or ~~for a~~ water distribution system means the on site supervision of the cleaning, maintaining, and repairing of the system.
- (l) "Points" means continuing education credits requirements required by the ~~b~~Board as a condition of for certificate renewal. ~~The number of points awarded by the Board for a course or conference may or may not be the same as the number of contact hours in the course or conference.~~
- (m) "Process Control decisions" means decisions which may affect the treatment and, therefore, quality of the treated water and/or wastewater effluent.
- (n) "Public water supply system" means the system of pipes, structures, and facilities through which water is obtained and treated, to be offered to the public for household use or for any other public consumption.
- (o) "Supervision" means accountability for the work of the supervise person being supervised.
- (p) "System" means all integral unit operations and processes, including conduits, appurtenances, machine, control elements and laboratory functions.
- (q) "Trainee" means an individual engaged in a training period. A trainee is not required to hold a certificate and may not perform operation duties or perform laboratory test, unless under the direct supervision of a certified operator or a certified laboratory analyst.
- (r) "Training period" means a period of time during which a trainee is learning operator or laboratory analyst duties under the direction of a certified operator or laboratory analyst. ~~Any uncertified person who was operating an industrial wastewater treatment plant on or before July 1, 1991, may provide training to a trainee at that plant until June 30, 1996.~~
- (s) ~~"Very small public water supply system" means any public water supply system in this state which is a ground water system serving a population of less than 1,000.~~
- (s) "Wastewater collection system" means the system of sanitary sewers, pipes, manholes, pumps, and other such apparatus used to convey sewage to wastewater treatment plants.
- (t) "Wastewater treatment" means any biological, physical/chemical, or settling processes which remove pollutants from industrial or domestic wastewaters prior to discharge to a stream, sewer or land. It includes only those processes permitted by the Division or an approved local government under the Georgia Water Quality Control Act or its successor. It excludes those processes that consist solely of one or more of the following: screening, pH adjustment, sedimentation processes without mechanical solids removal, septic tanks, grease traps or oil-water separators, unless specifically required in a permit.
- (u) "Wastewater treatment plant" means the facilities provided for the treatment and disposal of wastewater, including industrial process wastewater, as classified by the Division.
- (v) "Wastewater treatment system" means the combination of a wastewater collection system and a wastewater treatment plant.

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- (w) "Water distribution system" means the system of pipes, pumps, valves, and other such apparatus used to distribute water to the public.
- (x) "Water treatment plant" means the portion of the water supply system which in some way alters the physical, chemical, or bacteriological quality of the water as classified by the Division and as defined in the Act.
- (y) "Water treatment system" means a public water supply system as classified by the Division and as defined in the Act.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10, and 43-51-6(d)

### **BOARD RULE 750-3 CLASSIFICATIONS AND REQUIREMENTS**

The Board believes it is necessary to amend 750-3 to clarify the individuals to which the rule applies, the types of degrees required for each level of experience, and that the Board will consider other degrees not specifically identified to determine satisfaction of the experience requirements. The rule amendments serve only to clarify requirements of the existing rule. The Board asked for input from stakeholders (the Georgia Rural Water Association and the Georgia Association of Water Professionals) as it went through this process. The Board received support from the organizations to make the Rules easier to read and interpret. The amended Rule pertains to applicants for licensure, but does not change the licensure requirements.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-3, Debbie Wright seconded the motion and it carried unanimously

#### **Chapter 750-3 CLASSIFICATIONS AND REQUIREMENTS**

##### **Rule 750-3-.01 Mandatory Certification**

- (1) Public Water Supply System Operators and Biological Wastewater Treatment System Operators. ~~All operators must be certified; provided, however, that~~ each industrial wastewater treatment or pretreatment facility, shall be required to have only one operator in responsible charge obtain such a certification; and
- (2) Water Distribution System and Wastewater Collection System Operators. ~~All operators must be certified; provided however, that~~ each industrial wastewater collection system or distribution system shall be required to have only one operator in responsible charge obtain such a certification; and
- (3) Water and Wastewater Laboratory Analysts. ~~All laboratory analysts must be certified; provided, however, that~~ any industrial wastewater or pretreatment plant shall be required to have only one responsible analyst obtain such certification, and ~~any~~ other analysts in that facility shall be supervised by that person.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

##### **Rule 750-3-.02 Operator in Responsible Charge**

The operator who is in responsible charge of a public water supply system or wastewater treatment system shall hold a certificate of a class equal to or higher than the class of the plant or system ~~being operated~~ that the operator is currently operating.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

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Rule 750-3-.04 Requirements

~~In order to be certified~~ For certification in a particular class or category, an applicant must meet ~~requirements as set forth below.~~ the following:

- (a) ~~Current Certification.~~ Applicants must hold the following certificates before taking an examination for the next level of certification:

<del>CERTIFICATE APPLIED FOR</del>	<del>CURRENT CERTIFICATE</del>
<del>Public Water Supply System Operator</del>	<del>-</del>
<del>Class IV</del>	<del>None</del>
<del>Class III</del>	<del>None</del>
<del>Class II</del>	<del>Class III</del>
<del>Class I</del>	<del>Class II</del>
<del>Biological Wastewater Treatment System Operator</del>	<del>-</del>
<del>Class IV</del>	<del>None</del>
<del>Class III</del>	<del>None</del>
<del>Class II</del>	<del>Class III</del>
<del>Class I</del>	<del>Class II</del>
<del>Industrial Wastewater Treatment System Operator</del>	<del>None</del>
<del>Water or Wastewater Laboratory Analyst</del>	<del>None</del>
<del>Water Distribution System Operator</del>	<del>None</del>
<del>Wastewater Collection System Operator</del>	<del>None</del>

- (b) Experience.

1. ~~The amount of experience that is required is dependent upon the applicant's education, as follows:~~

<del>CERTIFICATE APPLIED FOR</del>	<del>EXPERIENCE</del>	<del>EXPERIENCE</del>	<del>EXPERIENCE</del>
	<del>With</del>	<del>With Accredited</del>	<del>With Accredited B.S.</del>
	<del>H.S. School</del>	<del>A.S. Degree in</del>	<del>Degree in Biology,</del>
	<del>Diploma or</del>	<del>Biology, Chemistry,</del>	<del>Chemistry, Engineering,</del>
	<del>GED</del>	<del>Engineering, or an equivalent</del>	<del>or an equivalent Degree,</del>
	<del>Certificate</del>	<del>Degree</del>	<del>or a current Class I</del>

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			certificate in another category
Public Water Supply System Operator	-	-	-
Class IV	1 month	1 month	1 month
Class III	3 months	3 months	3 months
Class II	24 months	18 months	12 months
Class I	36 months	30 months	24 months
Biological Wastewater Treatment System Operator	-	-	-
Class IV	1 month	1 month	1 month
Class III	3 months	3 months	3 months
Class II	24 months	18 months	12 months
Class I	36 months	30 months	24 months
Industrial Wastewater Treatment System Operator	3 months	3 months	3 months
Water or Wastewater Laboratory Analyst	3 months	3 months	3 months
Water Distribution System Operator	3 months	3 months	3 months
Wastewater Collection System Operator	3 months	3 months	3 months

2. Applicants for the following licenses may take the exam before the experience requirement is met, but they shall not apply for the license until they have completed the requisite experience in the actual system operation:
- \* ~~Public Water Supply System Operator Class IV~~
  - \* ~~Public Water Supply System Operator Class III~~
  - \* ~~Biological Wastewater Treatment System Operator Class IV~~
  - \* ~~Biological Wastewater Treatment System Operator Class III~~
  - \* ~~Industrial Wastewater Treatment System Operator~~

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- ~~\* Water Laboratory Analyst~~
- ~~\* Wastewater Laboratory Analyst~~
- ~~\* Water Distribution System Operator~~
- ~~\* Wastewater Collection System Operator~~

3. ~~Applicants for the following licenses must have completed experience in the actual system operation prior to taking an examination:~~
  - ~~\* Public Water Supply System Operator Class II~~
  - ~~\* Public Water Supply System Operator Class I~~
  - ~~\* Biological Wastewater Treatment System Operator Class II~~
  - ~~\* Biological Wastewater Treatment System Operator Class I~~
4. ~~For those applicants who have a high school diploma or GED certificate, the Board may consider other factors, including post-secondary education and other training and experience, to determine satisfaction of the experience requirements.~~
5. ~~Applicants must apply for a certification within 12 months of passing an examination.~~

- (e) ~~Education. Every applicant must have earned a minimum of a high school diploma or GED certificate prior to taking the examination and must provide proof of education when he/she submits his/her application for certificate to the Board.~~
- (d) ~~Course Work. Applicants must have completed the required course work prior to taking the examination and provide proof of completion of course work when they submit their application for certificate to the Board. The Board may evaluate, on a case by case basis, post secondary education to determine satisfaction of the course work requirements.~~

~~CERTIFICATE APPLIED FOR    COURSE WORK~~

<del>Public Water Supply System Operator</del>	<del>-</del>
<del>Class IV</del>	<del>6 hours basic water operator course work</del>
<del>Class III</del>	<del>40 hours basic water operator course work</del>
<del>Class II</del>	<del>48 hours advanced water operator course work</del>
<del>Class I</del>	<del>No additional</del>
<del>Biological Wastewater Treatment System Operator</del>	<del>-</del>
<del>Class IV</del>	<del>6 hours basic waste stabilization pond operator course work</del>
<del>Class III</del>	<del>40 hours basic wastewater operator course work</del>

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<del>Class II</del>	<del>48 hours advanced wastewater operator course work</del>
<del>Class I</del>	<del>No additional</del>
<del>Industrial Wastewater Treatment System Operator</del>	<del>27 hours industrial wastewater operator course work</del>
<del>Water Laboratory Analyst</del>	<del>27 hours basic water laboratory course work or Associate Degree or higher in Biology, Environmental Science, Chemistry, or an equivalent degree</del>
<del>Wastewater Laboratory Analyst</del>	<del>27 hours basic wastewater laboratory course work or Associate Degree or higher in Biology, Environmental Science, Chemistry, or an equivalent degree</del>
<del>Water Distribution System Operator</del>	<del>27 hours water distribution course work</del>
<del>Wastewater Collection System Operator</del>	<del>27 hours wastewater collection course work</del>

~~(e) Examination. An applicant must pass a written examination in order to receive a certificate.~~

- (a) **Education.** Applicants must have earned a minimum of a high school diploma or GED certificate and must provide proof of education when submitting the application for certification to the Board.
- (b) **Course(s).** Applicants must have completed Board-approved course(s) prior to taking the examination and must provide proof of such when submitting their application for certification to the Board, unless otherwise noted in this rule. The Board may evaluate, on a case-by-case basis, post-secondary education to determine satisfaction of the course requirements. The course requirements are as follows:
  1. Public Water Supply System Operator
    - Class IV – 6-hour basic water operator course
    - Class III - 40-hour basic water operator course
    - Class II - 48 hours of advanced water operator courses
    - Class I - No additional courses
  2. Biological Wastewater Treatment System Operator
    - Class IV - 6-hour basic waste stabilization pond operator course
    - Class III - 40-hour basic wastewater operator course
    - Class II - 48 hours of advanced wastewater operator courses
    - Class I - No additional courses
  3. Industrial Wastewater Treatment System Operator - 27-hour industrial wastewater operator course
  4. Water Laboratory Analyst - 27-hour basic water laboratory course or, a minimum of an Associate Degree in Biology or Chemistry, or, at the Board’s discretion, other degrees containing sufficient courses in biology or chemistry
  5. Wastewater Laboratory Analyst - 27-hour basic wastewater laboratory course or, a minimum of an Associate Degree in Biology or Chemistry, or, at the Board’s discretion, other degrees containing sufficient courses in biology or chemistry.
  6. Water Distribution System Operator - 27-hour water distribution course
  7. Wastewater Collection System Operator - 27-hour wastewater collection course

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(c) **Experience.** Required experience for certification is dependent upon the applicant's education, as follows:

1. Public Water Supply System Operator or Biological Wastewater Treatment System Operator

(i) High School Diploma, GED

Class IV - 1 month of experience; Class III - 3 months of experience;

Class II - 24 months of experience; Class I - 36 months of experience

(ii) Accredited Associate Degree in Biology, Chemistry, or, at the Board's discretion, other degrees containing sufficient courses in biology or chemistry

Class IV - 1 month of experience; Class III - 3 months of experience;

Class II - 18 months of experience; Class I - 30 months of experience

(iii) Accredited Bachelor of Science Degree in Biology, Chemistry, or, at the Board's discretion, other degrees containing sufficient courses in biology or chemistry

Class IV - 1 month of experience; Class III - 3 months of experience;

Class II - 12 months of experience; Class I - 24 months of experience

2. Industrial Wastewater Treatment System Operator or Water or Wastewater Laboratory Analyst or Wastewater Collection System Operator or Water Distribution System Operator

(i) High School Diploma, GED, Accredited Associate Degree in Biology, Chemistry, or, at the Board's discretion, Accredited Bachelor of Science Degree in Biology, Chemistry, or other degrees containing sufficient courses in biology or chemistry - 3 months experience required

(d) **Examination.**

1. An applicant must pass a written examination in order to receive a certification.

2. Applicants must apply for a certification within twelve (12) months of passing an examination.

3. A designated agent of the Board may administer the examinations. Examination shall be offered at least six (6) times annually.

4. The Board, through its designated agent, will provide reasonable accommodations to a qualified applicant with a disability in accordance with the Americans with Disabilities Act. The request for an accommodation by an individual with a disability must be in writing to the designated agent of the Board prior to the application deadline, along with appropriate documents, as indicated in the Request for Disability Accommodation Guidelines.

(e) **Current Certification.** Applicants must hold the following certificates before taking an examination for the next level of certification:

1. Public Water Supply System Operator

(i) No previous certification needed to take examination for Class IV

(ii) No previous certification needed to take examination for Class III

(iii) Must hold Class III prior to taking examination for Class II

(iv) Must hold Class II prior to taking examination for Class I

2. Biological Wastewater Treatment System Operator

(i) No previous certification needed to take examination for Class IV

(ii) No previous certification needed to take examination for Class III

(iii) Must hold Class III prior to taking examination for Class II

(iv) Must hold Class II prior to taking examination for Class I

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3. Industrial Wastewater Treatment System Operator or Water or Wastewater Laboratory Analyst or Wastewater Collection System Operator or Water Distribution System Operator
  - (i) No previous certification needed to take examination
  
- (f) Applicants for the following certifications may take the examination before the experience requirement is met, but shall not apply for the certifications until completing the requisite experience in the actual system operation:
  1. Public Water Supply System Operator Class IV;
  2. Public Water Supply System Operator Class III;
  3. Biological Wastewater Treatment System Operator Class IV;
  4. Biological Wastewater Treatment System Operator Class III;
  5. Industrial Wastewater Treatment System Operator;
  6. Water Laboratory Analyst;
  7. Wastewater Laboratory Analyst;
  8. Water Distribution System Operator;
  9. Wastewater Collection System Operator.
  
- (g) Applicants for the following certifications must have completed experience in the actual system operation prior to taking an examination:
  1. Public Water Supply System Operator Class II;
  2. Public Water Supply System Operator Class I;
  3. Biological Wastewater Treatment System Operator Class II;
  4. Biological Wastewater Treatment System Operator Class I.
  
- (h) For those applicants who have a high school diploma or GED certificate, the Board may consider other factors, including post-secondary education and other training and experience, to determine satisfaction of the experience requirements.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

#### **BOARD RULE 750-4 APPLICATIONS**

The Board believes it is necessary to amend 750-4 to consolidate wording and remove items that did not conform to prior rule changes. The purpose is to make the rule more straightforward and easier to read and interpret. It does not change the requirements in the rule itself, but cleans up the existing language. These changes would remove asymmetries by removing extraneous wording as well as wording that is no longer applicable due to technological changes. The Board considered several variations of this Rule and determined the wording chosen was the most concise while communicating the intent of the Rule. The Board asked for input from stakeholders (the Georgia Rural Water Association and the Georgia Association of Water Professionals) as it went through this process. The Board received support from the organizations to make the Rules easier to read and interpret. The amended Rule pertains to applicants for licensure, but does not change the licensure requirements.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-4, Debbie Wright seconded the motion and it carried unanimously

#### **Chapter 750-4 APPLICATIONS, EXAMINATIONS AND ENDORSEMENT**

Rule 750-4-.01 ~~Applications for Examination~~

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(1) ~~All applications for examination and re-examination, together with the required fee shall be submitted to the designated agent of the Board. Completed applications for examination and re-examination must be received by the designated agent no later than 45 days before the scheduled examination.~~

(2) ~~The Board through its designated agent, will provided reasonable accommodation to a qualified applicant with a disability in accordance with the Americans With Disabilities Act. The request for an accommodation by an individual with a disability must be in writing and received by the designated agent of the Board by the application deadline along with appropriate documentation, as indicated in the Request for Disability Accommodation Guidelines.~~

Successful completion of Basic and Advanced courses taught by Board-approved education providers are required in order for applicants to sit for certification examinations, unless otherwise noted in these rules.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

#### Rule 750-4-.02 Application for Certificate

~~Upon passing the examination described in this chapter, a A qualified applicant may apply for ~~certificate~~ a certification by submission to the Board of a completed application; and non-refundable application fee; ~~and~~ . ~~The application must be submitted to the Board accompanied by documentation that the course work, education, and experience requirements were met prior to taking the examination, as reported by the applicant on the application for examination. A non-refundable application fee must be submitted with the application for certificate.~~~~

No application for certification will be considered by the board for approval without documented evidence that all of the following certification requirements have been met:

- (a) passage of the appropriate examination;
- (b) documentation of education, in accordance with Board Rule 750-3-.04(1);
- (c) completion of the required course(s), in accordance with Board Rule 750-3-.04(2);
- (d) completion of the required experience, in accordance with Board Rule 750-3-.04(3).

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

#### Rule 750-4-.03 Certification by Endorsement

- (1) The Board may, upon application, issue a certificate without examination to any person who holds a certificate in good standing issued by another country or by any state, territory, or possession of the United States when the following criteria are fulfilled:
  - (a) ~~The~~ country, state, territory, or possession of the United States has, in the opinion of the Board, requirements substantially similar to those of the Board;
  - (b) ~~The applicant must submit~~ an written application for certification by endorsement on a Board-approved form ~~forms which will be provided by the Board;~~
  - (c) ~~An endorsement form must be~~ a verification of certification completed by the country, province, state, territory, or possession of the United States ~~of certification and~~ is submitted to the Board specifying that the applicant has a current certification and is in good standing;
  - (d) ~~The applicant must have earned~~ holds at a minimum of a high school diploma or GED certificate and ~~must provide proof of education such~~ when he/she submits his/her ~~submitting an~~ application to the Board;
  - (e) ~~The applicant must submit~~ the appropriate non-refundable application fee. (See refer to Fee Schedule.) ~~The application fee is non-refundable.~~
- (2) ~~In the event that the~~ If an applicant cannot satisfy the standards above, the applicant may apply for certification under Rule ~~750-3-.04~~ entitled Requirements.
- (3) ~~The Board shall maintain a written list of current approved countries, provinces, and states, territories, and possessions of the United States from which applicants may be endorsed. Such list may be furnished upon request.~~

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

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Rule 750-4-.04 Examinations Repealed

- ~~(1) Examinations shall be offered at least six times annually at time and location designated by the Board.~~
- ~~(2) An applicant must pass a written examination in order to receive a certificate.~~

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

**BOARD RULE 750-5 OPERATIONAL ACTIVITIES WITHOUT FURTHER CERTIFICATION**

The Board believes it is necessary to amend 750-5 to correct grammar and clarify that the Board does not have authority to define system classification. The rule amendment reduces the possibility that a sewerage system will employ the wrong class of operator due to misunderstanding of the system classification. The Board considered different variations and believes the rule change is the simplest clarification of authority to define system classification. The amendment does not change the rule, it only clarifies the rule to prevent misinterpretation. The rule change clarification is for the benefit of the smallest class of municipal system. The amended Rule will not have any economic impact on businesses in Georgia.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-5, Debbie Wright seconded the motion and it carried unanimously

**Chapter 750-5 OPERATIONAL ACTIVITIES WITHOUT FURTHER CERTIFICATION**

**Rule 750-5-.01 Operational Activities Without Further Certification**

- (1) Certified Class I, II, or III Public Water Supply System Operators may operate water distribution systems without further certification.
- (2) Certified Class I, II or III Biological Wastewater Treatment System Operators may operate wastewater collection systems without further certification.
- (3) Certified Class I, II or III Biological Wastewater Treatment System Operators may operate industrial wastewater treatment plants without further certification.
- (4) Certified Industrial Wastewater Treatment System Operators may operate industrial wastewater treatment plants and/or collection systems tributary to their plant.
- (5) Certified Class I or II Public Water Supply System Operators may perform the duties of a water laboratory analyst ~~and certified.~~ Certified Class I or II Biological Wastewater Treatment System Operators may perform the duties of a wastewater laboratory analyst in conducting certain tests for reporting purposes as defined by the Board without further certification.
- (6) Certified Class IV Very Small Water System Operators may operate only very small public water supply systems and their distribution systems.
- (7) Certified Class IV Wastewater Treatment System Operators may operate only Class IV Wastewater Treatment Systems and their collection systems, as defined by the Division.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

**BOARD RULE 750-6 EXPIRATION, RENEWAL, AND CONTINUING EDUCATION**

The Board believes it is necessary to amend 750-6 to consolidate wording from other sections, change the late renewal period to be in-line with the Joint Secretary Rules, clarify the requirements for certification renewal, clarify general

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requirements for dual certification, and clarify the requirements for providers of certification courses. The purpose of these changes is to provide clarity for existing rules. The Board has considered multiple variations of the rule amendment, and determined the wording chosen was the most concise and least restrictive, while communicating the intent of the Rule. The Board asked for input from stakeholders (the Georgia Rural Water Association and the Georgia Association of Water Professionals) as it went through this process. Those organizations are in support of the changes. Changes to the late renewal period will affect licensees during renewal, who previously had a three-month renewal period followed by a three-month late renewal period, and will now have a three-month renewal period followed by a one-month late renewal period. The amended Rule will not have any economic impact on businesses in Georgia.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-6, Debbie Wright seconded the motion and it carried unanimously

**Chapter 750-6 EXPIRATION, RENEWAL, AND CONTINUING EDUCATION**

**Rule 750-6-.01 Expiration Date Repealed**

~~All certificates expire June 30 of odd-numbered years.~~

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

**Rule 750-6-.02 Expiration and Renewal of a Certificate**

- (1) Certificates expire on June 30 of odd-numbered years and must be renewed every two (2) years.
- (2) ~~(3) An individual who passes an examination required by the Board for certification is~~ Applicants approved for initial certification are exempt from all continuing education requirements for that certificate for the their first renewal period after initial issuance of the certificate.
- (3) ~~(1) An Application for rRenewal of a certificate must be accompanied by a renewal application, fee (Ssee Fee Schedule), and attestation of Board-approved continuing education (“CE”) points accumulated~~ completed since the last renewal period. The following chart lists the required number of points for each renewal certification is as follows:-

**CURRENT CERTIFICATION HELD CONTINUING EDUCATION / REQUIRED CE POINTS / SPECIFICATIONS**

Class I Operator Water & Wastewater / 24 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

Class II Operator Water & Wastewater / 18 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

Industrial Wastewater Operator / 18 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

Laboratory Analyst Water & Wastewater / 18 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

Class III Operator Water & Wastewater / 12 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

Water Distribution System Operator / 12 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

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Wastewater Collection System Operator / 12 CE Points / At least 50% of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

Class IV Operator Water & Wastewater / 6 CE Points / All of the points must be in course(s) coursework approved for Water, Wastewater, or ~~for~~ both.

(2) ~~The biennial renewal fee is due and payable by June 30 of odd numbered years. A surcharge will be added for payments, which are received within a three-month penalty period, between July 1 and September 30 of odd-numbered years. (See Fee Schedule) Any continuing education points acquired to renew that certificate during the penalty period may not be used again during the next renewal cycle.~~

- (4) ~~If more than one continuing education course is needed to equal the required continuing education points to be eligible for a renewal, then the same course cannot be attended more than once to equal the required continuing education points in the same renewal period. However, the same continuing education course can be attended during a different renewal period. Points must be earned from a Board-approved continuing education course. The same course shall not count more than once during a renewal period in meeting the total points required for certificate renewal.~~
- (5) Certificates may be renewed during the late renewal period between July 1 and July 31 of odd-numbered years with submission of a renewal application, renewal fee, and penalty fee as noted on the Fee Schedule. Continuing education points acquired to renew that certificate during the penalty period may not be used again during the next renewal cycle.
- (6) Proof of continuing education as required by Rule 750-6-.05(1) must be retained by the certificate holder for three (3) years and shall be submitted to the Board upon request.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10, 43-51-6(d).

#### Rule 750-6-.03 Renewal of More Than One Certificate

- (1) An operator may maintain current certification in only one class of a category. When a person receives a higher class certificate, their lower class certificate shall be rendered void.
- (2) An operator or analyst who holds more than one certificate must submit the following:
  - (a) ~~R~~renewal application for each certificate;
  - (b) ~~R~~renewal fee for each certificate; and
  - (c) Attestation of completion of the required continuing education points for the highest level of currently held certificate the highest number of continuing education points which are required to renew any of the Operator's or Laboratory Analyst's certificates (i.e., 24, 18, 12, or 6). A maximum of 18 points total could be required. Beginning on July 1, 2013 and effective for renewal period June 30, 2015 and all renewal periods thereafter, a maximum of 24 points total could be required to renew a certificate. Refer to Rule 750-6-.02 for the number of points required to renew a certificate effective July 1, 2013.
    1. Course(s) Training course work which are approved for a specified number of recertification points and are required to be eligible for eligibility to sit for an examination, which has also been approved by the Board for a specified number of recertification points, may be used for renewal of a currently held certificates certificate. If the currently held certifications require a higher number of continuing education points for renewal than the course work was approved for, then additional continuing education points must be acquired to fulfill the full amount of continuing education points required for renewal of currently held certifications.
    2. Beginning on July 1, 2013 and effective for renewal period June 30, 2015 and all renewal periods thereafter, an operator Operators who holds hold dual certificates (i.e., a water certificate and a wastewater certificate) is are required to obtain continuing education points in each discipline. Such operator must obtain a minimum of 25% of the required continuing education points in each discipline to satisfy renewal requirements.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10, and 43-51-6(d).

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Rule 750-6-.04 ~~Basic, Advanced, and Continuing~~ Education Providers, Courses, and Points

- (1) The Board shall maintain a list of currently approved course providers in accordance with eligibility criteria published by the Board. Course providers must be approved by the Board or its designee in order for applicants to receive credit. The Board may also elect to approve individual courses. A request by a course provider for approval must be submitted on a form that may be obtained from the Board and must be accompanied by the appropriate fee and supporting documents as required by the Board (See Fee Schedule). Effective July 1, 2013, course providers shall agree to provide rosters in electronic format of all attendees for all courses approved by the Board. The Professional Licensing Boards Division shall provide the electronic format for use in submitting rosters. All course approvals shall expire on or before January 31 of even-numbered years.
- (2) Providers of Basic and Advanced courses must teach such courses in a traditional classroom setting. These courses are required for applicants to be eligible to sit for a certification examination.
- ~~(3) Basic and Advanced Courses.~~
  - ~~(a) Basic and Advanced courses are those courses necessary for applicants to be eligible for an examination for certification.~~
  - ~~(b) Basic and Advanced coursework shall be taught in a traditional classroom setting.~~
- (3) Education Providers desiring Board consideration for approval must submit to the Board a completed Registration Form and required information to the Board; and
- (4) The Board may conduct an audit of Education Providers and education courses to ensure compliance.
- (5) The Board may require Education Providers to submit an electronic roster of attendees for all courses approved by the Board.
- (6) Continuing Education Courses. ~~(4) Criteria for Approval of Continuing Education Courses.~~

Approved education courses expire January 31 of even numbered years. Courses shall be approved. The Board may approve continuing education courses for Management Safety, for Water, for Wastewater, or for both Water and Wastewater, which are offered in person, online, through correspondence courses, and Webinars and Webcasts subject to the following:-

- (a) Submission of completed application and appropriate fee; and
- ~~(b) Continuing education courses may be taught through an online format.~~
- ~~(c) Operator association conferences will be considered as operational/analytical coursework, and will also be approved for both Water and Wastewater.~~
- ~~(d) Criteria for Approval of Webinars and Webcasts.~~
  - (b) Webinars and webcasts must be pre-approved by submission of the appropriate application with complete documentation of the documentation of topic(s) to be taught, indicating hours of instruction for each topic; and
  - (c) the credentials of the educators/presenters involved; and
  - (d) the name of the local moderator documenting who will ensure on-site attendance/registration.
  - (e) 2- Only operational or regulatory topics will be approved for webinars or webcasts.
  - (f) 3- Certificates of completion must be presented to attendees who complete the webinar or webcast.
- (7) Determination of Continuing Education Points. (Beginning on July 1, 2013 and effective for renewal period June 30, 2015 and all renewal periods thereafter)
  - ~~(a) "Operational/analytical topics" refer to topics of instruction that directly relate to the performance of the duties of a water operator, wastewater operator, distribution operator, collection system operator, or laboratory analyst. Safety and management topics are not considered operational/analytical topics.~~
  - (a) ~~(b)~~ Points shall be awarded in whole numbers. No partial points shall be awarded for courses that total less than whole hours.
  - (b) ~~(c)~~ Traditional classroom courses on operational, analytical, safety and management topics ~~are~~ shall be granted one point per contact hour up to a maximum of 6 points per day and 12 points per event.
  - (c) ~~(d)~~ Online courses on operational, analytical, safety, and management topics ~~are~~ shall be granted one-half point per contact hour up to a maximum of 6 points unless the course provider demonstrates greater credit is justified through beta testing results (IACET – International Association for Continuing Education and Training).

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Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

Rule 750-6-.05 Documentation of Continuing Education Repealed

- ~~(1) — Each operator or laboratory analyst shall maintain for three years their own record of the continuing education activities which they have completed. The Board will not maintain continuing education files.~~
- ~~(2) — Applicants shall attest on their biennial renewal application that they have satisfied the continuing education requirements set out in these Rules. Documentation of these activities should be retained by the applicant and not sent to the Board (unless required to do so under section 750-6-.05(3) below). False attestation of satisfaction of the continuing education requirements on a renewal application shall subject the applicant to disciplinary action, including revocation.~~
- ~~(3) — The Board may conduct an audit of the renewal applications to insure compliance with requirements. Applicants who are audited will be required to document their continuing education activities. Documentation must be in the form of a certificate of attendance, a statement signed by the provider verifying participation in the activity, or official transcript. Failure to provide the Board with documentation of the hours attested to on the renewal application shall be grounds for disapproving the application for renewal or, if the certificate has been renewed, revoking the certificate.~~

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

**BOARD RULE 750-7 REVOCATION AND REINSTATEMENT FOR FAILURE TO RENEW**

The Board believes it is necessary to amend 750-7 to consolidate wording and comply with Federal Safe Drinking Water Act requirements. The purpose is to make the rule more straightforward and easier to read and interpret and to ensure Georgia complies with requirement in the Federal Safe Drinking Water Act regarding reinstatement of operators whose licenses were lapsed for more than 2 years. This would remove asymmetries by removing wording that is no longer applicable and adding wording to comply with the Safe Drinking Water Act reinstatement requirements. The Board considered several variations of this Rule and determined the wording chosen was the most concise while communicating the intent of the Rule. The Board also considered how other states are accomplishing the requirements of the Federal Safe Drinking Water Act, and this Rule follows the criteria that most other states are using. The Board asked for input from stakeholders (the Georgia Rural Water Association and the Georgia Association of Water Professionals) as it went through this process. Those organizations are in support of the changes. The amended Rule will pertain to applicants for licensure by reinstatement.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-7, Debbie Wright seconded the motion and it carried unanimously

**Chapter 750-7 REVOCATION AND REINSTATEMENT FOR FAILURE TO RENEW**

Rule 750-7-.01 Revocation for Failure to Renew

Failure to renew a certificate by October 1 of renewal year shall have the same effect as revocation of the certificate and reinstatement is required.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10, and 43-1-19(l).

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Rule 750-7-.02 Reinstatement

- (1) Certificates that have ~~not been renewed~~ been lapsed for less than 2 years may be reinstated at the discretion of the Board as follows: ~~An operator or analyst may not be issued more than one certificate number in a class or category.~~
- (2) ~~Applications for reinstatement shall be accompanied by:~~
  - (a) ~~A reinstatement fee established by the Board (See Fee Schedule);~~
    - (a) Submission of a reinstatement application and reinstatement fee (see Fee Schedule); and
    - (b) Evidence of the completion, since the last renewal, of the total number of continuing education points which would have been required if the certificate had been maintained in a current status; and
  - (c) ~~Evidence of meeting the minimum current education requirements for that class and category of certificate.~~
- (2) Certificates that have been lapsed for over 2 years may be reinstated at the discretion of the Board when the applicant has met the following criteria:
  - (a) Retaken and passed the examination for the certificate requesting to be reinstated; and
  - (b) submitted a reinstatement application and reinstatement fee.
- (3) ~~If a certificate has lapsed for a period of more than 2 years, the Board shall require, as a prerequisite for reinstatement, passage of an examination for that category of certificate in lieu of the continuing education in paragraph (2)(b) of this rule.~~

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10, and 43-1-19(l)

## **BOARD RULE 750-8 CHANGE OF NAME OR ADDRESS**

The Board believes it is necessary to amend 750-8 to remove the reference to a required fee to process a name change request, as the agency no longer requires a fee for these requests. The Board considered several variations of this Rule and determined the wording chosen was the most concise while communicating the intent of the Rule.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-8, Debbie Wright seconded the motion and it carried unanimously

### **Chapter 750-8 CHANGE OF NAME OR ADDRESS**

Rule 750-8-.01 Change of Name or Address

- (1) Change of Name. The holder of a certificate shall notify the Board office, in writing within 30 days of a change in their name and must accompany such notice with a certified copy of the marriage certificate, court order, or other documentation of a legal name change, ~~with the appropriate fee. See Fee Schedule.~~
- (2) Change of Address. The holder of a certificate shall notify the Board office, in writing within 30 days of a change in their mailing address.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10

## **BOARD RULE 750-9 FEES**

The Board believes it is necessary to amend 750-9 to provide clarity. These rule amendments are strictly housekeeping and have no other affect. The Board considered several variations of this rule and determined the wording

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chosen was the most concise while communicating the intent of the rule. The amended rule will not have any economic impact on businesses in Georgia.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-9, Debbie Wright seconded the motion and it carried unanimously

### **Chapter 750-9 FEES**

#### **Rule 750-9-.01 Fees and Returned Checks**

- (1) ~~A schedule of fees, as established by the Board, shall be published on the Board's website. The schedule of fees may be amended periodically. Refer to the Fee Schedule for appropriate fees payable to the Board or its agent. Fees may be reviewed and changed at the discretion of the Board.~~
- (2) An indebtedness to the Board caused by a returned check will be dealt with in accordance with Code Section 16-9-20 of the Criminal Code of Georgia.

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

### **BOARD RULE 750-9 FEES**

The Board believes it is necessary to amend 750-10 to clarify the type of complaints the Board has authority to investigate. This is designed to reduce the number of non-related complaints received by the Board. The intent of the existing rule does not change. The amended Rule will not have any economic impact on businesses in Georgia.

Kenny Green moved that the formulation and adoption of these rules does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rules cannot be reduced by a less expensive alternative that fully accomplishes the objectives of the applicable laws as required by O.C.G.A. § 50-13-4. Debbie Wright seconded the motion and it carried unanimously.

Kenny Green moved to post the following amendments to Board Rules 750-10, Debbie Wright seconded the motion and it carried unanimously.

### **Chapter 750-10 DISCIPLINE**

#### **Rule 750-10-.01 Disciplinary Procedures**

Disciplinary proceedings will be in accordance with Chapter 13 of Title 50 of the Georgia Administrative Procedures Act, O.C.G.A. 43-1-19, and O.C.G.A. 43-51-9.

- (a) The Board may revoke or suspend the certificate of an Operator or Laboratory Analyst, following a hearing conducted in accordance with Chapter 13 of the Title 50, the "Georgia Administrative Procedure Act."
- (b) The Board may, upon its own motion or upon the verified complaint in writing of any person, investigate the actions of any Operator or Laboratory Analyst or anyone who shall assume to act in such capacity, if the Board has reason to believe a violation of the Laws and Rules regulating Water and Wastewater Plant Operators or Laboratory Analysts may have occurred. Complaints ~~which that~~ the Board may investigate include, ~~but are not limited to,~~ that the Operator or Laboratory Analyst may have practiced fraud or deception; that reasonable care, judgment, or the application of his or her knowledge or ability was not used in performance of his or her duties; or that the Operator or Laboratory Analyst is incompetent or unable to perform his or her duties properly.
- (c) The Board may impose any sanction authorized in O.C.G.A. 43-1-19.

**Georgia State Board of Examiners for the Certification of Water & Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Teleconference Board Meeting Minutes – December 11, 2019  
Professional Licensing Boards Division, 237 Coliseum Dr., Macon, GA 31217**

Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, and 43-51-10.

There being no further business, Margaret Doss, Chair, declared the meeting adjourned at 12:29 p.m.

The next meeting of the Georgia Board of Water & Wastewater Treatment Plant Operators will be held on Wednesday, February 26, 2020 at 10:00 a.m.

Minutes recorded by: Alexis Hardy, Board Support Specialist

Minutes reviewed and edited by: Brad Coman, Executive Director

Minutes approved on: February 26, 2020

  
Margaret Doss, Chair

  
Brad Coman, Executive Director