

**Georgia Board of Water & Wastewater Treatment Plant Operators
Board Meeting Minutes – December 6, 2017
Professional Licensing Boards Division, 237 Coliseum Dr., Macon, GA 31217**

The Georgia Board of Water & Wastewater Treatment Plant Operators and Laboratory Analysts met on Wednesday, December 6, 2017, via teleconference to conduct the business of the Board.

Members Present:

Margaret Doss (Chair)
Stanley Tate (Vice-Chair)
Kim Hembree
Tony Rojas
Kenny Green

Others Present:

La Trena Tyler-Jones, Executive Director
Sandy Barboza, Board Support
Laurie Elander, Licensing Supervisor
Betsy Cohen, Assistant Attorney General

Members Present (Board Office):

Eric Osborne

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

Call to Order:

Margaret Doss, Chair, noted a quorum was present, called the meeting to order at 10:07 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:

Stanley Tate moved, Eric Osborne seconded, and the Board voted to approve the December 6, 2017 agenda, amended to add Rules review.

Minutes:

Stanley Tate moved, Kim Hembree seconded, and the Board voted to approve the November 1, 2017 Open Meeting minutes and Executive Session minutes.

Ratification List:

Licenses Issued 10-27-2017 thru 11-30-2017 (Total – 83):

License #	Licensee
W1-014802	Corey Damon Jackson
W1-014803	Edmond Zack Pasley
W1-014804	Isaac Jamahl Pruitt
W1-014805	Brandon Andrew Stone
W1-014806	Daniel Glenn Mahoney
W2-015172	Jose Oliver Coss
W2-015173	Nicholas Bryan Samples
W2-015174	Tammy LaShaun Hawkins
W2-015175	Thomas Irvin Kee, III
W2-015176	William Herman Young

License #	Licensee
W2-015177	Robert Thomas Greer
W3-016498	Breanna Kaylee Autrey
W3-016499	Daniel Edward Crandall
W3-016500	Scott Grady Dodgen
W3-016501	Mason Galloway
W3-016502	Alexander Paul Shirley
W3-016503	Eric Tyler Johnson
W3-016504	John Paris White
W3-016505	Charles E Sanders
W3-016506	Jacob Craig Robinson

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License #	Licensee
W3-016507	Preston Garnet Shirley
W3-016508	Philip Ashley Oliver
W3-016509	Justin Wayne Dozier
W3-016510	Brandon Garrett Lancaster
W3-016511	Dakota Lance Miller
W3-016512	Ronald Everette Woodward, Jr.
W4-002669	Alan Dean Barton
W4-002670	Johnna C Kent
W4-002671	Nicholas Joseph Sands
W4-002672	Christopher Edward Beckham
WD016406	Allen Frederick Tiller
WD016407	Cedeno Fernandez Buchanan
WD016408	William E Hammond
WD016409	Steven Mathue Slaton
WD016410	Andrew Joseph Strickland
WD016411	Jon Allan Krapf
WD016412	Gregory Bryce Atcheson
WD016413	Jonathan Wayne Batts, Jr
WD016414	Brandon Garrett Lancaster
WD016415	Dustin Ware
WD016416	Terry Dean Mercer
WD016417	Breanna Marie Fuller
WD016418	Ernest Kent Hinson
WD016419	David N Stout
WD016420	Ernest Eugene Roberson
WD016421	Patrick Quentin Singleton
WD016422	Connie Beth McVey
WD016423	Jemal Frandell Stukes
WD016424	Bacchus Jackson
WL014580	Taylor Lamar Bishop
WW1-015198	Taylor Blake Parks
WW1-015199	William Justin Driggers

License #	Licensee
WW1-015200	Anthony L Pate
WW2-015382	Antonio Damond Simmons
WW2-015383	Charles David Hoppe
WW2-015384	Ronald Allen King, Jr
WW2-015385	Stephen Ansley Moore
WW2-015386	James Anthony Tolbert
WW3-017659	Brian Patrick Horan
WW3-017660	Dalin Ray McClure
WW3-017661	Bernie King
WW3-017662	Richard Papastefanou
WW3-017663	William Tyler Holbrook
WW3-017664	Darin Dewayne McGuire
WW3-017665	Kenneth Kibler
WW3-017666	Donald Allen Pinette
WW3-017667	Rakesh G Darji
WW3-017668	Steven Boatwright
WW3-017669	Roderick Paul Thompson, Jr.
WW3-017670	Roy Franklin Steenhoek
WWC033208	Anthony Jordan Bass
WWC033209	Anthony Hayward Presley
WWC033210	David Alan Piper
WWC033211	Brandon Russell Martin
WWC033212	Tony Lee Daniel
WWC033213	Jason William Jeffers
WWC033214	Joel Dudley Vaughan
WWID032175	Istvan Steven Hajdu
WWID032176	William Robert Doak
WWID032177	Charlemagne Ngbesso Apia
WWL014764	David Norman Harrison
WWL014765	Amanda Lynn Hall
WWL014766	Christopher Michael Boen

Kenny Green moved, Stanley Tate 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, Stanley Tate seconded, and the Board voted to enter Executive Session at 10:20 a.m. in accordance with O.C.G.A. §§ 43-1-19(h) and 43-51, for the purpose of discussing and reviewing applications and to hear the Attorney General's report.

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At the conclusion of Executive Session, Stanley Tate, Vice-Chair declared the meeting to be “open” at 10:40 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:

Tony Rojas moved, Kim Hembree seconded, and the Board voted to ratify the following recommendations made during Executive Session:

Applications:

2700614 – Canarvis Derrell Brantley - approved by consent order to run concurrent with probation.

2703215 – Nathan Charles McDonald. - approved.

WW3-017193 – Brian Chandler Love - approved by consent order to run concurrent with probation.

Attorney General’s Report:

The Board reviewed and accepted the Attorney General’s report as presented.

Continuing Education:

Eric Osborne moved, Margaret Doss 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	Approved Points
Brenntag Mid-South Inc.	Chlorine Safety and Emergency Response	2
California State University, Sacramento	601D - Wastewater Treatment - Suspended Growth Processes	6
California State University, Sacramento	601E - Wastewater Treatment - Disinfection	6
California State University, Sacramento	702B SWS - Wells	12
California State University, Sacramento	702C Small Water Systems Treatment Plants	12
California State University, Sacramento	702D Small Water Systems Disinfection and Water Sources	12
California State University, Sacramento	702E Small Water Systems Water Rates/Safety	12
California State University, Sacramento	702F Small Water Systems Laboratory	12
California State University, Sacramento	703B Water Distribution System Facilities	2
California State University, Sacramento	703C WDS - Water Quality & Disinfection	2
California State University, Sacramento	703D WDS Operation and Maintenance	2
California State University, Sacramento	Advanced Waste Treatment	ADV 24 CE 12
California State University, Sacramento	Collection System Training Video Course	4
California State University, Sacramento	Industrial Waste Treatment Vol. I	12
California State University, Sacramento	Industrial Waste Treatment Vol. II	12
California State University, Sacramento	Manage for Success	6
California State University, Sacramento	Membrane Bioreactors	7
California State University, Sacramento	Operation & Maintenance of Wastewater Collection Sys. Vol. I	12
California State University, Sacramento	Operation & Maintenance of Wastewater Collection Sys. Vol. II	12

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Program Provider/Sponsor	Course Title	Approved Points
California State University, Sacramento	Operation of Wastewater Treatment Plants Vol. I	BAS 20 CE 12
California State University, Sacramento	Operation of Wastewater Treatment Plants Vol. II	BAS 20 CE 12
California State University, Sacramento	Pretreatment Facility Inspection	12
California State University, Sacramento	Pretreatment Facility Inspection - Video	4
California State University, Sacramento	Small Waste Water System Operation & Maintenance Vol. I	6
California State University, Sacramento	Small Waste Water System Operation & Maintenance Vol. II	BAS CE 6
California State University, Sacramento	Small Water System - Video	BAS CE 6
California State University, Sacramento	Treatment of Metal Wastestreams	12
California State University, Sacramento	Utility Management	12
California State University, Sacramento	Water System Operation & Maintenance Video	12
California State University, Sacramento	Water Distribution System Operation & Maintenance	12
California State University, Sacramento	Water Treatment Plant Operation Vol. I	BAS 20 CE 12
California State University, Sacramento	Water Treatment Plant Operation Vol. II	BAS 20 CE 12
CEU Plan	Activated Sludge - Complete Course	5
CEU Plan	Activated Sludge I: Introduction and Overview	1
CEU Plan	Activated Sludge II: 2nd Clarifiers and RAS-WAS	1
CEU Plan	Activated Sludge III: Oxygen Demand - Transfer - Uptake	1
CEU Plan	Activated Sludge IV: Process Control & Troubleshooting	1
CEU Plan	Activated Sludge V: Troubleshooting Part 2	1
CEU Plan	Advanced Mathematics	2
CEU Plan	Analytical Chemistry	1
CEU Plan	Analytical Chemistry Techniques	3
CEU Plan	Analytical Instruments used for Water & Wastewater	2
CEU Plan	Arsenic	1
CEU Plan	Asset Management	1
CEU Plan	Atoms & Molecules	1
CEU Plan	Back Disorders	1
CEU Plan	Basic Chemistry - Complete Series	10
CEU Plan	Basic Chemistry & Laboratory Techniques	1
CEU Plan	Basic Laboratory Terminology & Concepts	1
CEU Plan	Basic Mathematics	1
CEU Plan	Basic Microbiology	1
CEU Plan	Basic Microbiology, Part 2	2
CEU Plan	Basic Microscopes for Water & Wastewater Operators	1
CEU Plan	BCFS: Delegation/Motivation	1
CEU Plan	Becoming a First Class Supervisor - Complete Course	4
CEU Plan	BFCS: Effective Supervisory Communication	1
CEU Plan	BFCS: Leadership/Coaching	1
CEU Plan	BFCS: Transition from Craftsman to Supervisor	1
CEU Plan	BFCS: Effective Supervisory Communication	1

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Program Provider/Sponsor	Course Title	Approved Points
CEU Plan	Bio-Augmentation	1
CEU Plan	Biochemical Oxygen Demand (BOD)	denied
CEU Plan	Chemical Bonding	1
CEU Plan	Chemical Clothing/Respiratory	3
CEU Plan	Chemical Nonmenclature	1
CEU Plan	Chlorination	tabled
CEU Plan	Chlorinators	1
CEU Plan	Chlorine Dioxide	1
CEU Plan	Chlorine Procedures	1
CEU Plan	CIPP Point Repair for Sanitary Sewers	1
CEU Plan	Clarifier Operation	2
CEU Plan	Collection Mathematics	2
CEU Plan	Collection System: Getting to the Root of the Sewer Problem	1
CEU Plan	Collection System: Sewer Line Root Control	4
CEU Plan	Common Pitfalls in Chemical Feed	4
CEU Plan	Components of Chlorine	1
CEU Plan	Corrective Preventive Maintenance: Complete Course	8
CEU Plan	Corrosion Control	1
CEU Plan	Corrosion Management	4
CEU Plan	CPM: Building a PM Program	2
CEU Plan	CPM: Creating SOP's	2
CEU Plan	CPM: Functions, Failures - Modes & Effects	2
CEU Plan	CPM: Tracking Failures	2
CEU Plan	Cybersecurity for Operators	denied
CEU Plan	Dechlorination - Gas Application and Usage	3
CEU Plan	Disinfection Alternatives	tabled
CEU Plan	Disinfectants: Disinfection By-Products	2
CEU Plan	Distribution Mathematics	2
CEU Plan	Distribution System Monitoring	denied
CEU Plan	Dye Tracing of the Path of Water	1
CEU Plan	Ebola - An Emerging Waterborne Pathogen	denied
CEU Plan	Emergency Response	1
CEU Plan	Emerging Waterborne Pathogens	3
CEU Plan	Emerging Waterborne Pathogens	1
CEU Plan	Enhanced Coagulation	1
CEU Plan	ERS: Generators	1
CEU Plan	Filamentious Bacteria Identification & Process Control	1
CEU Plan	Fire Hydrant Inspection, Maintenance, & Flushing	1
CEU Plan	Flow Meters 101	denied
CEU Plan	FOG: Fats, Oils, and Grease	4

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CEU Plan	Fundamental & Hydraulics of Backflow	1
CEU Plan	Geology	1
CEU Plan	Grit Removal	1
CEU Plan	Ground Water System Operations	4
CEU Plan	Hazardous Materials Effects to Human Health	4
CEU Plan	Health Concerns of Public Interest	1
CEU Plan	Heat Stress	1
CEU Plan	History of Ultraviolet Disinfection	1
CEU Plan	HIV in Wastewater: Presence and Risk	2
CEU Plan	Industrial Wastewater Sludge	1
CEU Plan	Industrial Wastewater Treatment	6
CEU Plan	Introduction in Biological Nutrient Removal	2
CEU Plan	Introduction into the CDC Organization	1
CEU Plan	Introduction to Backflow Prevention	1
CEU Plan	Introduction to Basic Microbiology and Parasites	6
CEU Plan	Introduction to Chlorine	1
CEU Plan	Introduction to Concrete Pressure Pipe	1
CEU Plan	Introduction to Cross Connection	1
CEU Plan	Introduction to GIS	1
CEU Plan	Introduction to Management Relations for Operators	2
CEU Plan	Introduction to Mechanical Seals	1
CEU Plan	Introduction to PLCs in Municipal Water and Wastewater	1
CEU Plan	Introduction to Reclaimed Water	1
CEU Plan	Introduction to SCADA and HMIs	1
CEU Plan	Introduction to Solids Handling and Stabilizatio	1
CEU Plan	Introduction to Supervision for Operators	3
CEU Plan	Introduction to the Hydrologic Cycle and Aquifers	1
CEU Plan	Introduction to UV technologies	1
CEU Plan	Introduction to Wastewater Microbiology & Process Control	1
CEU Plan	Introduction to Watersheds and Riversheds	1
CEU Plan	Jar Testing	denied
CEU Plan	Laboratory Safety: Electrical, Fire and Radiation Safety	1
CEU Plan	Laboratory Safety: Guidelines-Chemical & Biosafety	1
CEU Plan	Laboratory Safety: Labware and Waste Disposal	1
CEU Plan	Laboratory Safety: Overview, Rules, & Regulations	1
CEU Plan	Laboratory Safety: The Nucleus of a Lab Safety Program	1
CEU Plan	Laboratory Safety: Complete Course	5
CEU Plan	Lead and Copper Rule	1
CEU Plan	Lift Station Repair	1
CEU Plan	Lime/Soda Ash Softening for Water Plant Operators	1

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CEU Plan	LP: Basic Drinking Water Quality Test	2
CEU Plan	LP: Basic Wastewater Lab Procedures	1
CEU Plan	LP: Biochemical Oxygen Demand (BOD)	1
CEU Plan	LP: Drinking Water Bacteriological Procedures	1
CEU Plan	LP: Fecal Coliform Bacteria	1
CEU Plan	LP: Lab Terminology and Apparatus	1
CEU Plan	LP: Nitrogen-Ammonia	1
CEU Plan	LP: Solids	1
CEU Plan	LP: Wastewater Techniques - complete course	6
CEU Plan	Manager's Guide to Cost Control	2
CEU Plan	Math for Water Plant and Distribution	1
CEU Plan	Mechanical Seal Failures	1
CEU Plan	Minimizing Sewer Back-Up Liabilities	denied
CEU Plan	Nuclear Decay	1
CEU Plan	Nuts, Bolts, and Gaskets - part one	1
CEU Plan	Nuts, Bolts, and Gaskets - part two	1
CEU Plan	On-Site Sodium Hypochlorite Generator Conversion	4
CEU Plan	ORP - Wastewater Biological Nutrients Removal Process	1
CEU Plan	Oxidation in Water/Wastewater	1
CEU Plan	Package - Wastewater Treatment Plant	1
CEU Plan	Parasites, Part 2	2
CEU Plan	Parasites, Part I - Helminths	1
CEU Plan	Personal Sampling	1
CEU Plan	Pipe, Valves, and Fittings	1
CEU Plan	Primary Treatment	1
CEU Plan	Principles of Chlorination & Dechlorination	1
CEU Plan	Procedure for UV Pilot Testing	1
CEU Plan	Public Admin I - Introduction into Public Administration	1
CEU Plan	Pump Station Maintenance	1
CEU Plan	Reasonable Security Measures to Protect your Plant	2
CEU Plan	Respiratory Protection	2
CEU Plan	Reverse Osmosis	1
CEU Plan	Sampling for Surface Contaminants	1
CEU Plan	Septage Handling at the Treatment Plant	1
CEU Plan	Sludge Conditioning & Dewatering	1
CEU Plan	Sludge Digestion and Beneficial Use	1
CEU Plan	Sludge Digestion and Solids Handling	4
CEU Plan	Solubility	2
CEU Plan	SSPS: Controls	1
CEU Plan	SSPS: Controls, Start-Up, & Operation	1

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Program Provider/Sponsor	Course Title	Approved Points
CEU Plan	SSPS: Description of Pumps	1
CEU Plan	SSPS: Introduction & Design Considerations	1
CEU Plan	SSPS: Selection of Submersible Pumps	1
CEU Plan	Stabilizations	1
CEU Plan	States of Matter	1
CEU Plan	Submersible Sewage Pumping System - Complete Course	5
CEU Plan	Technical Equipment	1
CEU Plan	Terrorism Vulnerability Assessment in Community Water System	1
CEU Plan	Testing a DCVA - Double Check Valve Assembly BPD - 3 valve test kit	1
CEU Plan	Testing a RPZ - Reduced Pressure Principle BPD - 3 valve test kit	3
CEU Plan	Thermal Controls	2
CEU Plan	TMPAP: Checklists Mean More than a Checkmark	1
CEU Plan	TMPAP: Solutions Can be Healthy	1
CEU Plan	Toxic & Hazardous Material Handling Procedures	4
CEU Plan	TPMAP: Equipment Failures and Hazards	1
CEU Plan	TPMAP: Ownership of Equipment	1
CEU Plan	Treatment Plant Maintenance and Accident Prevention	4
CEU Plan	Trenchless Technologies: An Introduction	1
CEU Plan	Trenchless Technologies: Complete Course	2
CEU Plan	Trenchless Technologies: Pipeline & Structure Rehabilitation	1
CEU Plan	Trickling Filters	1
CEU Plan	Use of an Excel Spreadsheet in a Wastewater Treatment Plant	1
CEU Plan	UV Disinfection - Sizing of UV System using Bioassay	1
CEU Plan	Wastewater Formulas	2
CEU Plan	Wastewater Microbiology & Process Control - part one	3
CEU Plan	Wastewater Microbiology & Process Control - Part two	1
CEU Plan	Wastewater Operational Tools	1
CEU Plan	Wastewater Ponds and Lagoons	1
CEU Plan	Wastewater Sludge Treatment: Complete Course	2
CEU Plan	Wastewater Treatment Process Control Tools	tabled
CEU Plan	Water Laboratory Quality Assurance	denied
CEU Plan	Water Loss Control	2
CEU Plan	Water Purification	2
CEU Plan	Water Shortage, Reuse, and Resource Management: The St. Petersburg, Florida Experience	1
CEU Plan	Water Treatment Techniques - Complete Course	10
CEU Plan	Wetlands: Study of the Everglades	2
CEU Plan	What is Cryptosporidium?	1
CEU Plan	World of FOG	denied
CEU Plan	WTT: Distillation	2

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CEU Plan	WTT: Filtration	2
CEU Plan	WTT: Ion Exchange	2
CEU Plan	WTT: Membrane Separation	2
CEU Plan	WTT: Settling and Clarification	2
CEU Plan	Your Responsibilities with the Regulatory Agency	1 MS
Chattahoochee Technical College	Intro to Wastewater Treatment	BAS40 CE12 WW
Chattahoochee Technical College	Intro to Water Treatment Processes	BAS40 CE4 W
Chattahoochee Technical College	Water Distribution	4 W
City of Albany - Risk Management Services	National Safety Council Defensive Driving Class 6/8	4 W
City of Gainesville Public Utilities Department	CPR/First Aid/AED	6 MS
Covenant Group of Georgia	FIRST AID,CPR, AND AED	6 MS
Covenant Group of Georgia	Flagger Training (NSC)	4 MS
Covenant Group of Georgia	Heartsaver CPR and AED (AHA)	4 MS
Covenant Group of Georgia	Safety First	2 MS
Dalton Utilities	Activated Sludge Process Control	ADV 24
Dalton Utilities	Activated Sludge: Equipment & Facilities	2 WW
Dalton Utilities	Activated Sludge: Process Control	2 WW
Dalton Utilities	Activated Sludge: Process Overview	2 WW
Dalton Utilities	Activated Sludge: Safety Considerations	2 WW
Dalton Utilities	Activated Sludge: Sampling, Analysis and Data Management	2 WW
Dalton Utilities	Activated Sludge: Troubleshooting	2 WW
Dalton Utilities	Back Safety	2 MS
Dalton Utilities	Basic Wastewater	BAS 40
Dalton Utilities	Basic Water Treatment Module 1	2 W
Dalton Utilities	Basic Water Treatment Module 2	2 W
Dalton Utilities	Basic Water Treatment Module 3	2 W
Dalton Utilities	Basic Water Treatment Module 4	4 W
Dalton Utilities	Basic Water Treatment Module 5	2 W
Dalton Utilities	Bloodborne Pathogens	2 W WW
Dalton Utilities	Chlorine Safety	2 MS
Dalton Utilities	Confined Space Entry	2 MS
Dalton Utilities	CPR/First Aid/AED	4 MS
Dalton Utilities	Defensive Driving	4 MS
Dalton Utilities	Electrical Hazards	2 MS
Dalton Utilities	Fall Protection	2 MS
Dalton Utilities	Fire Protection	2 MS
Dalton Utilities	Hazardous Materials	2 MS
Dalton Utilities	Lock Out / Tag Out	2 MS
Dalton Utilities	Machinery and Machine Guarding	2 MS

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Dalton Utilities	Respiratory Protection	2 MS
Dalton Utilities	Trenching and Shoring	2 W WW
Dalton Utilities	Water Treatment Plant Operations Basic 1 & 2	BAS40 CE12 W
Georgia Rural Water Association (GRWA)	Activated Sludge I	ADV 12 CE12 WW
Georgia Rural Water Association (GRWA)	Activated Sludge I - Fundamentals	6 WW
Georgia Rural Water Association (GRWA)	Activated Sludge II	ADV12 CE12 WW
Georgia Rural Water Association (GRWA)	Activated Sludge II – Nutrient Removal	6WW
Georgia Rural Water Association (GRWA)	Activated Sludge Process Control & Optimization	6WW
Georgia Rural Water Association (GRWA)	Activated Sludge Process Optimization	ADV24 CE12 WW
Georgia Rural Water Association (GRWA)	Advanced Math (Mobile Ready Course) Online	6 W WW
Georgia Rural Water Association (GRWA)	Advanced Wastewater Process Audit Optimization Program	12 WW
Georgia Rural Water Association (GRWA)	Advanced Wastewater Process Optimization (Now 24 hours not 36)	ADV24 CE12 WW
Georgia Rural Water Association (GRWA)	Advanced Water I	ADV24 CE12 W
Georgia Rural Water Association (GRWA)	Advanced Water II	ADV12 CE12 W
Georgia Rural Water Association (GRWA)	Air Valves	4 W WW
Georgia Rural Water Association (GRWA)	Annual Fall Conference	12 W WW
Georgia Rural Water Association (GRWA)	Annual Training & Technical Conference (Request a maximum of 8 hours per day for Conferences)	12 W WW
Georgia Rural Water Association (GRWA)	Applied Utility Math	ADV12 CE12 W WW
Georgia Rural Water Association (GRWA)	Backflow Assembly Repair Seminar	6 W WW
Georgia Rural Water Association (GRWA)	Backflow Assembly Testers Review	6 W WW
Georgia Rural Water Association (GRWA)	Backflow Prevention Assembly Testers Training Course	12 W WW
Georgia Rural Water Association (GRWA)	Basic Environmental Chemistry	12 W WW
Georgia Rural Water Association (GRWA)	Basic Industrial Wastewater	BAS27 CE12 WW
Georgia Rural Water Association (GRWA)	Basic Math	8 W WW
Georgia Rural Water Association (GRWA)	Basic Surface Water Development and Treatment	12 W
Georgia Rural Water Association (GRWA)	Basic Wastewater	BAS40 CE12 WW
Georgia Rural Water Association (GRWA)	Basic Water	BAS40 CE12 W
Georgia Rural Water Association (GRWA)	Basic Water Works	5 W
Georgia Rural Water Association (GRWA)	Chemical Feed Systems & Pump Calibrations for Water & Wastewater Treatment Plants	3 W WW
Georgia Rural Water Association (GRWA)	Chlorination Seminar	6 W WW
Georgia Rural Water Association (GRWA)	Chlorination Training	4 W WW
Georgia Rural Water Association (GRWA)	Chlorinator Systems & Chemical Handling	12 W WW
Georgia Rural Water Association (GRWA)	Chlorine Disinfection Workshop	6 W WW
Georgia Rural Water Association (GRWA)	Clarifier Fundamental	4 WW
Georgia Rural Water Association (GRWA)	Competent Person Confined Space Entry	5 MS
Georgia Rural Water Association (GRWA)	Consumer Confidence Report Workshop	6 W
Georgia Rural Water Association (GRWA)	Corrosion Control Treatment Optimization	6 W WW
Georgia Rural Water Association (GRWA)	Customer Service Inspection and Cross Connection Control	3 W WW
Georgia Rural Water Association (GRWA)	Disinfection By-Products - On-Line Training	6 W

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Georgia Rural Water Association (GRWA)	Dissolved Air Flotation	5 WW
Georgia Rural Water Association (GRWA)	Distribution System Operation & Maintenance	BAS27 CE12W
Georgia Rural Water Association (GRWA)	Drinking Water Filtration A - Z	6 W
Georgia Rural Water Association (GRWA)	Drinking Water Regulatory Training For Systems Using Ground Water	5 W
Georgia Rural Water Association (GRWA)	Ductile 101	6 W
Georgia Rural Water Association (GRWA)	Eye & Face Protection	1 MS
Georgia Rural Water Association (GRWA)	Federal Regulations Impacting Large & Medium Surface Water Systems	6 W
Georgia Rural Water Association (GRWA)	Federal Revised Total Coliform Rule Training	4 W
Georgia Rural Water Association (GRWA)	Filter Evaluation & Optimization	4 W
Georgia Rural Water Association (GRWA)	Filter Optimization Workshop	8 W
Georgia Rural Water Association (GRWA)	Flood Resilience Training for Water and Wastewater Utilities	6 MS
Georgia Rural Water Association (GRWA)	Fluoridation Training	4 W
Georgia Rural Water Association (GRWA)	Georgia Emergency Response/Recovery Exercise for the Water & Wastewater Sector	6 MS
Georgia Rural Water Association (GRWA)	Georgia Surface Water Regulatory Training	4 W
Georgia Rural Water Association (GRWA)	Ground Water Source Development for Public Water Systems	6 W
Georgia Rural Water Association (GRWA)	Groundwater Treatment Workshop	6 W
Georgia Rural Water Association (GRWA)	Hazard Communications Online Training	3 MS
Georgia Rural Water Association (GRWA)	Hydrogen Sulfide Prevention and Corrosion Control	6 W WW
Georgia Rural Water Association (GRWA)	Industrial Pretreatment Facility Inspection	12 MS
Georgia Rural Water Association (GRWA)	Introduction to Wastewater Processing	5 WW
Georgia Rural Water Association (GRWA)	Jar Testing Workshop	6 W WW
Georgia Rural Water Association (GRWA)	LT2 Enhanced Surface Water Treatment Rule Training	6 W
Georgia Rural Water Association (GRWA)	Maintaining Water Quality in the Distribution System	6 W
Georgia Rural Water Association (GRWA)	Math Basics	3 W WW
Georgia Rural Water Association (GRWA)	Membrane Bio Reactor Principles, Operation and Optimization	ADV24 CE12 WW
Georgia Rural Water Association (GRWA)	Membrane Filtration for Drinking Water: Principles, Operation & Optimization	12 W
Georgia Rural Water Association (GRWA)	Membrane Treatment of Wastewater	6 WW
Georgia Rural Water Association (GRWA)	Meters, Valve & Hydrant Installation Repairs	4 W WW
Georgia Rural Water Association (GRWA)	Microscopic Workshop for the Activated Sludge WWTP	12 WW
Georgia Rural Water Association (GRWA)	Mueller Training For Distribution Systems	6 W
Georgia Rural Water Association (GRWA)	Natural Treatment Process	12 WW
Georgia Rural Water Association (GRWA)	Pipeline Repair	4 W
Georgia Rural Water Association (GRWA)	Practical Personnel Management	3 MS
Georgia Rural Water Association (GRWA)	Primary Sludge Fermentation	6 WW
Georgia Rural Water Association (GRWA)	Pump & Motor Maintenance	6 W WW
Georgia Rural Water Association (GRWA)	Pump Maintenance, Trouble Shooting & Operating Efficiency	6 W WW
Georgia Rural Water Association (GRWA)	Pump School Training	6 W WW
Georgia Rural Water Association (GRWA)	Regulatory Implementation Training For Surface Water Systems	5 W

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Program Provider/Sponsor	Course Title	Approved Points
Georgia Rural Water Association (GRWA)	Security Vulnerability Self Assessment Guide For Small Drinking Water Systems	6 W
Georgia Rural Water Association (GRWA)	Sequencing Batch Reactor Principles, Operation and Optimization	ADV12
Georgia Rural Water Association (GRWA)	Sludge Digestion and Stabilization	6 WW
Georgia Rural Water Association (GRWA)	Sludge Thickening & Dewatering	4 WW
Georgia Rural Water Association (GRWA)	Small Wastewater System Operator Class IV	BAS6 CE6 WWIV
Georgia Rural Water Association (GRWA)	Small Water System Operator Class IV	BAS6 CE6 WIV
Georgia Rural Water Association (GRWA)	Solids Management & Process Optimization Water & Wastewater	ADV24 CE12 W WW
Georgia Rural Water Association (GRWA)	Stage 2 Disinfectants & Disinfection By Product Rule Training	6 W
Georgia Rural Water Association (GRWA)	Stage 2 Disinfection ByProduct Rule Compliance Training	4 W
Georgia Rural Water Association (GRWA)	Streaming Current Measurement & Chlorination/Dechlorination Operations	4 W WW
Georgia Rural Water Association (GRWA)	Surface Water Production 1	6 W
Georgia Rural Water Association (GRWA)	Surface Water Production 2	6 W
Georgia Rural Water Association (GRWA)	Surface Water Treatment	5 W
Georgia Rural Water Association (GRWA)	Sustainable Management of Rural & Small Systems	6 MS
Georgia Rural Water Association (GRWA)	Technologies, Techniques & Methods for Maintaining Water Quality	4 W
Georgia Rural Water Association (GRWA)	Tertiary Treatment & Nutrient Removal	ADV24 CE12 WW
Georgia Rural Water Association (GRWA)	Trenching *Competent Person* Workshop	6 MS
Georgia Rural Water Association (GRWA)	Understanding the Stage 2 Disinfection By-Product Rule For Small & Medium Systems and Non-Transient, Non-Community Systems	3 W
Georgia Rural Water Association (GRWA)	Utility Emergency Response Planning & Security Improvements	8 MS
Georgia Rural Water Association (GRWA)	Utility Safety For Water & Wastewater Operators	6 W WW
Georgia Rural Water Association (GRWA)	Vacuum Prime Pumping Stations Continuing Education/Re-Certification	4 W WW
Georgia Rural Water Association (GRWA)	Valve & Hydrant Maintenance	3 W
Georgia Rural Water Association (GRWA)	Wastewater & Collection System Exam Review	6 WW
Georgia Rural Water Association (GRWA)	Wastewater Collection	6 WW
Georgia Rural Water Association (GRWA)	Wastewater Collection System Operation & Maintenance	BAS27 CE12 WWC CE12
Georgia Rural Water Association (GRWA)	Wastewater Lab for Analysts & Operator	BAS27 ADV24 WW CE12
Georgia Rural Water Association (GRWA)	Wastewater Treatment	6 WW
Georgia Rural Water Association (GRWA)	Wastewater Treatment Facility Optimization	ADV24 CE12 WW
Georgia Rural Water Association (GRWA)	Water & Wastewater Facility & Laboratory Safety	6 MS
Georgia Rural Water Association (GRWA)	Water & Wastewater Operator Handbook	6 W WW
Georgia Rural Water Association (GRWA)	Water & Wastewater Utilities Supervision & Management	ADV24 CE12 WW
Georgia Rural Water Association (GRWA)	Water Distribution System - Valves, Hydrants, & Water Meters	6 W
Georgia Rural Water Association (GRWA)	Water Distribution System Disinfection, Emergency Repairs & New Main Installation	6 W
Georgia Rural Water Association (GRWA)	Water Distribution System O/M, System Hydraulics & Flushing	6 W
Georgia Rural Water Association (GRWA)	Water Lab for Analysts & Operators	BAS27 ADV24 WW CE12
Georgia Rural Water Association (GRWA)	Water Quality Workshop	6 W
Georgia Rural Water Association (GRWA)	Water Transmission and Distribution	6 W

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Georgia Rural Water Association (GRWA)	Water Utility Math	12 W
Georgia Rural Water Association (GRWA)	Water, Public Health and Health Coordination Workshop	6 MS
Georgia Water & Wasterwater Institute (GWWI)	Backflow Prevention Assembly Repair	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	Basic Water Hydraulics for Treatment Operators	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	Drinking Water Treatment Process Control	6 W
Georgia Water & Wasterwater Institute (GWWI)	Handling Water Quality Complaints	6 W
Georgia Water & Wasterwater Institute (GWWI)	Laboratory Analysis of Nitrogen	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	Wastewater Math Part 1	6 WW
Georgia Water & Wasterwater Institute (GWWI)	Activated Sludge Part 1	ADV12 CE12 WW
Georgia Water & Wasterwater Institute (GWWI)	Activated Sludge Part 2	ADV12 CE12 WW
Georgia Water & Wasterwater Institute (GWWI)	Advanced Pipeline Review	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	Backflow 1-Day Review	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	Backflow for Program Administrators	12 W WW
Georgia Water & Wasterwater Institute (GWWI)	Backflow Prevention Assembly Application, Diagnostics, & Repair	12 W WW
Georgia Water & Wasterwater Institute (GWWI)	Backflow Prevention Assembly Tester Training	12 W WW
Georgia Water & Wasterwater Institute (GWWI)	Basic Chemistry for Treatment Operators & Lab Analysts	12 W WW
Georgia Water & Wasterwater Institute (GWWI)	Basic Pipeline Review	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	BOD Workshop	6 W WW
Georgia Water & Wasterwater Institute (GWWI)	Class II Wastewater Laboratory	ADV24 CE12 WW
Georgia Water & Wasterwater Institute (GWWI)	Class II Wastewater Treatment	ADV24 CE12 WW
Georgia Water & Wasterwater Institute (GWWI)	Class II Water Laboratory	ADV24 CE12 W
Georgia Water & Wasterwater Institute (GWWI)	Class II Water Treatment	ADV24 CE12 W
Georgia Water & Wasterwater Institute (GWWI)	Class III Wastewater Treatment	BAS40 CE12 WW
Georgia Water & Wasterwater Institute (GWWI)	Class III Water Treatment	BAS40 CE12 W
Georgia Water & Wasterwater Institute (GWWI)	Class IV Small Wastewater Treatment	BAS6 CE6 WWIV
Georgia Water & Wasterwater Institute (GWWI)	Class IV Water Treatment	BAS6 CE6 WIV
Georgia Water & Wasterwater Institute (GWWI)	Collection System Operation & Maintenance	BAS27 CE12 WW CE12
Georgia Water & Wasterwater Institute (GWWI)	Confined Space Entry	6 MS
Georgia Water & Wasterwater Institute (GWWI)	Distribution Systems Operation & Maintenance	BAS27 CE12 W
Georgia Water & Wasterwater Institute (GWWI)	Distribution Systems Review	6 W
Georgia Water & Wasterwater Institute (GWWI)	Drinking Water Laboratory Analyst	BAS27 ADV24 CE12 W

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Georgia Water & Wastewater Institute (GWWI)	Drinking Water Laboratory Methods Plus Jar Testing	6 W
Georgia Water & Wastewater Institute (GWWI)	Drinking Water Math Part I	6 W
Georgia Water & Wastewater Institute (GWWI)	Drinking Water Math Part II	12 W
Georgia Water & Wastewater Institute (GWWI)	Drinking Water Microbiology	ADV12 CE12 W
Georgia Water & Wastewater Institute (GWWI)	Drinking Water Regulations & Compliance	6 W
Georgia Water & Wastewater Institute (GWWI)	Electrical Concepts	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Evaluation of Laboratory Data	2 W WW
Georgia Water & Wastewater Institute (GWWI)	FOG Program and SSO Reporting	6 WW
Georgia Water & Wastewater Institute (GWWI)	Fundamental Laboratory Techniques	ADV12 CE12 W WW
Georgia Water & Wastewater Institute (GWWI)	Industrial Wastewater Treatment	BAS27 CE12 WWID
Georgia Water & Wastewater Institute (GWWI)	Instrumentation & Calibration	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Jar Test Procedure Workshop	12 W WW
Georgia Water & Wastewater Institute (GWWI)	Jar Test Workshop	ADV12 CE12 W WW
Georgia Water & Wastewater Institute (GWWI)	Laboratory Math	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Laboratory Quality Assurance	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Maintenance Technologist Level IV	BAS16 ADV8 CE12 W WW
Georgia Water & Wastewater Institute (GWWI)	PM Program & Lubrication For Operators	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Process Control Review	6 WW
Georgia Water & Wastewater Institute (GWWI)	Pumping Stations	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Sampling Procedures for Wastewater	6 WW
Georgia Water & Wastewater Institute (GWWI)	Solids Handling	6 W WW
Georgia Water & Wastewater Institute (GWWI)	Wastewater Collection Systems Review	6 WW
Georgia Water & Wastewater Institute (GWWI)	Wastewater Laboratory Analyst	BAS27 ADV24 CE12 WWL
Georgia Water & Wastewater Institute (GWWI)	Wastewater Math Part 2	ADV12 CE12 WW
Georgia Water & Wastewater Institute (GWWI)	Wastewater Regulations & Compliance	6 WW
Georgia Water & Wastewater Institute (GWWI)	Water Sampling	6 W
Georgia Water & Wastewater Institute (GWWI)	Water Utility Inspection Part 1	ADV12 CE12 W WW
Georgia Water & Wastewater Institute (GWWI)	Water Utility Management	ADV24 CE12 W WW
Gwinnett County Department of Water Resources	Advanced Wastewater Treatment	ADV48 CE12 WW
Gwinnett County Department of Water Resources	Advanced Water Treatment	ADV48 CE12 W

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Program Provider/Sponsor	Course Title	Approved Points
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	BAS40 CE12 WW
Gwinnett County Department of Water Resources	Basic Water Treatment	BAS40 CE12 W
Gwinnett County Department of Water Resources	Bloodborne Pathogens	2 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 Safety Class	2 MS
Gwinnett County Department of Water Resources	Hand Tool Safety	2 MS
Gwinnett County Department of Water Resources	OSHA Hazard Comm. Standard	4 MS
Gwinnett County Department of Water Resources	Ozone In Drinking Water	3 W
Gwinnett County Department of Water Resources	Ozone In Wastewater	3 WW
Gwinnett County Department of Water Resources	Ozone Overview and Safety	3 W WW
Gwinnett County Department of Water Resources	Pumping Operations	6 WW
Gwinnett County Department of Water Resources	Water Distribution Operation and Maintenance	BAS27 CE12 WD
Gwinnett County Department of Water Resources	Collections System Operator Certification	BAS27 CE12 WWC CE12
Gwinnett County Department of Water Resources	Flagging Certification	2 MS
Gwinnett County Department of Water Resources	High Risk Electrical Safety	1 MS
Gwinnett County Department of Water Resources	NFPA 70E Low Voltage Qualified Person	2 WW
Gwinnett County Department of Water Resources	OSHA 10 HR Safety Training	6 MS
Hazen and Sawyer	Columbus Waterworks - Session 1	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 2	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 3	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 4	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 5	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 6	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 7	4 WW
Hazen and Sawyer	Columbus Waterworks - Session 8	4 WW

**Georgia Board of Water & Wastewater Treatment Plant Operators
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ABC's 2017 Standardized Exams – Program Implementation:

The Board reviewed and discussed the information provided.

Rule Waiver Request:

Essich – The Board cannot vote on this request at this time. A teleconference will be established to vote at the appropriate time.

Rules Review:

The Board reviewed rules and recommended amendments. Discussion will continue at the February 28, 2018 meeting.

Cognizant:

After a brief discussion the Board advised items requiring cognizant review will be shared among the following members: Margaret Doss, Eric Osborne, Tony Rojas, Kim Hembree, and Kenny Green.


The next meeting of the Georgia Board of Water & Wastewater Treatment Plant Operators will be held Wednesday, February 28, 2018 at 10:00 a.m. at the Professional Licensing Board Offices.

There being no further business, Margaret Doss declared the meeting adjourned at 11:50 a.m.

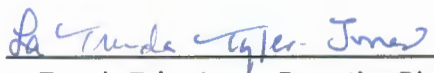
Minutes recorded by: Sandy Barboza, Board Support Specialist

Minutes reviewed and edited by: La Trenda Tyler-Jones, Executive Director

Minutes approved on: 2/28/18



Margaret Doss, Chair
Eric Osborne



La Trenda Tyler-Jones, Executive Director

Attachment

STATE OF GEORGIA
COUNTY OF BIBB

AFFIDAVIT SUPPORTING CLOSING OF PUBLIC MEETING

The Georgia Open Meetings Act, O.C.G.A. § 50-14-1 et seq., requires that all meetings of an entity covered by the statute must be open to the public unless there is some specific statutory exception which permits the closing of the meeting. If such a meeting is to be closed, the law requires that the presiding person execute a sworn affidavit stating that the subject matter of the meeting or the closed portion thereof was devoted to matters within the statutory exceptions and identifying those specific exceptions relied upon. **O.C.G.A. § 50-14-4(b). A copy of this affidavit must be filed with the minutes of the meeting in question.**

Comes now Margaret Doss, the presiding officer identified below and, before an official duly authorized to administer oaths, makes this affidavit in satisfaction of the statutory requirements outlined above.

1. I am the presiding officer of the Georgia State Board of Examiners for Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts.
2. I am over the age of 18 and in all over aspects competent to make this sworn statement. I acknowledge that I am giving this statement under oath and penalty of perjury and that I have read the contents of this affidavit prior to signing it.
3. On **December 6, 2017** this entity, which is subject to the Open Meetings Act, met. A majority of the quorum of the members present voted to close the meeting or a portion thereof for the following indicated reason(s). I hereby certify that during the closed portion of the meeting, only those subjects indicated below were discussed. I also certify that I have reviewed the exceptions provided under the Open Meetings Act that may permit the closing of a meeting and that, to the best of my knowledge, the reasons I have described in detail below meet the requirements for closing this public meeting.
4. The legal authority for the closure of this meeting was O.C.G.A. 43-1-2 (k); 43-1-19(h)
5. The subjects discussed and the underlying facts supporting the closing of this meeting are: Receipt of and deliberations regarding applications and application information and deliberations regarding investigations and enforcement matters; receipt of the results of investigations.

Further the Affiant Sayeth not.



PRESIDING OFFICER

SWORN AND SUBSCRIBED BEFORE ME

This 6th day of December, 2017

Deborah A. Horton

Notary Public

