

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

A meeting of the Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts was held on December 12, 2013 at the Professional Licensing Boards Division's office at 237 Coliseum Drive, Macon, GA via Teleconference. Margaret Doss, Chair, called the meeting to order at 9:34 a.m.

A quorum was established with members present being: Margaret Doss, Chair; William "Bill" Defino, Tony Rojas, and Eric Osborne.

Others present were as follows: Steve Lindsey, Executive Director, Amantha Lovett, Board Support Specialist and Amelia Baker, Assistant Attorney General.

**Approval of Minutes:**

William "Bill" Defino moved, Eric Osborne seconded, and the Board voted to approve the Minutes of the October 24, 2013 Board meeting.

Tony Rojas moved, William "Bill" Defino seconded, and the Board voted to approve the Executive Session Minutes of the October 24, 2013 Board meeting.

**Applications:**

Eric Osborne moved, William "Bill" Defino seconded, and the Board voted to ratify the licenses presented as issued since the October 24, 2013 meeting.

License No	Licensee	Profession
W1-014622	Oliver, Garry Dean	Water/Wastewater Board
W1-014623	Richardson, Tony Raymond	Water/Wastewater Board
W1-014624	Reid, Rodney Morrell	Water/Wastewater Board
W2-014960	Witty, George J., Jr.	Water/Wastewater Board
W2-014961	King, Jeremy Ryan	Water/Wastewater Board
W2-014962	Roberts, Mecca Kalima	Water/Wastewater Board
W2-014963	Maier, Jason Richard	Water/Wastewater Board
W2-014964	Williams, Amos Lee	Water/Wastewater Board
W2-014965	Kelley, Bryan Lee	Water/Wastewater Board
W2-014966	Cawthon, Jammie Ray	Water/Wastewater Board
W2-014967	White, John Franklin, Jr.	Water/Wastewater Board
W3-016059	Dodd, Matthew Lee	Water/Wastewater Board
W3-016060	White, Mark Daren	Water/Wastewater Board
W3-016061	Roundtree, William Joshua	Water/Wastewater Board
W3-016062	Tyler, Milton Lane, Jr	Water/Wastewater Board
W3-016063	Bares, John Allen	Water/Wastewater Board
W3-016064	Bowers, Stephen T	Water/Wastewater Board
W3-016065	Buffington, Matthew James	Water/Wastewater Board

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

W3-016066	Singleton, David Ashley	Water/Wastewater Board
W3-016067	Agbo, Gabriel Uwakwe	Water/Wastewater Board
W3-016068	Bailey, Shannon Joy	Water/Wastewater Board
W3-016069	Ward, Brian Phillip	Water/Wastewater Board
W3-016070	Dean, Matthew Joseph	Water/Wastewater Board
W3-016071	Nicho, Patrick Michael	Water/Wastewater Board
W3-016072	Rosbury, Randolph F	Water/Wastewater Board
W3-016073	Black, Napoleon Moses	Water/Wastewater Board
W3-016074	Brown, Brandon Scott	Water/Wastewater Board
W3-016075	Weese, Donald Lee	Water/Wastewater Board
W3-016076	Stephens, Patrick Walter	Water/Wastewater Board
W3-016077	Lamar, Jeffery Cooper	Water/Wastewater Board
W3-016078	Dolbeer, Steven Mark	Water/Wastewater Board
W3-016079	Dye, Kris S.	Water/Wastewater Board
W3-016080	Bankston, James Donnie	Water/Wastewater Board
W4-002457	Barr, Jacob Mitchell	Water/Wastewater Board
W4-002458	WILLIAMS, VERNON CHIP	Water/Wastewater Board
W4-002459	Crews, Johnny Maxwell	Water/Wastewater Board
W4-002460	Belflower, Sherie Lea	Water/Wastewater Board
W4-002461	Passmore, James Randall	Water/Wastewater Board
W4-002462	White, Justin William	Water/Wastewater Board
W4-002463	Haynes, Christopher Michael	Water/Wastewater Board
WD015774	Scoggins, Harvey L, Jr	Water/Wastewater Board
WD015775	Patton, Aaron Paul	Water/Wastewater Board
WD015776	Tumlin, Casey Anthony	Water/Wastewater Board
WD015777	Davis, Audwin Dean	Water/Wastewater Board
WD015778	Busby, Troy Andrew	Water/Wastewater Board
WD015779	Moore, Sedrick Charles	Water/Wastewater Board
WD015780	Reese, Kim Devall	Water/Wastewater Board
WD015781	stubbe, james lee	Water/Wastewater Board
WD015782	Dempsey, Trent Sundance	Water/Wastewater Board
WD015783	Barrett, Larry Joseph	Water/Wastewater Board
WD015784	Hatlevig, Daniel Jeremiah	Water/Wastewater Board
WD015785	Craig, Jason Milton	Water/Wastewater Board
WD015786	Gilbert, Carrell	Water/Wastewater Board
WD015787	Schoals, Casey Ryan	Water/Wastewater Board
WD015788	May, Gary Wayne	Water/Wastewater Board
WD015789	Brown, Tara Combs	Water/Wastewater Board
WD015790	Oliver, Corey DeAndre	Water/Wastewater Board
WD015791	Martin, Joshua Caleb	Water/Wastewater Board
WD015792	Thurmond, James L	Water/Wastewater Board
WL014435	Witt, Tim Lee	Water/Wastewater Board
WL014436	Hancock, Lance Stuart	Water/Wastewater Board
WL014437	Anderson, Asia Gabrielle	Water/Wastewater Board
WL014438	Henry, Mike Lawrence	Water/Wastewater Board
WW1-014981	Olguin, Olga L	Water/Wastewater Board
WW1-014982	Shirey, Grady Donald, Jr	Water/Wastewater Board
WW1-014983	Gavin, Malcolm Earl	Water/Wastewater Board

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

WW1-014984	Joe, Antoine Eugene, Sr	Water/Wastewater Board
WW1-014985	McDaniel, Michael Anthony	Water/Wastewater Board
WW1-014986	Nelson, Ron	Water/Wastewater Board
WW1-014987	Culbert, William Francis, 3	Water/Wastewater Board
WW1-014988	Houle, Chanel Theodore, III	Water/Wastewater Board
WW1-014989	Sookram, Mohamed H	Water/Wastewater Board
WW1-014990	Samples, Douglas Richard	Water/Wastewater Board
WW2-015050	Turner, Charles Arthur	Water/Wastewater Board
WW2-015051	Doolittle, Michael Brice	Water/Wastewater Board
WW2-015052	Simmons, Johnny Lavon	Water/Wastewater Board
WW2-015053	Powell, Kenneth James	Water/Wastewater Board
WW2-015054	Cook, Jody Lamar	Water/Wastewater Board
WW2-015055	Chambers, Russell Curtis	Water/Wastewater Board
WW2-015056	Lillis, Benjamin Thomas	Water/Wastewater Board
WW2-015057	Shah, Rajeshkumar Pravinchandra	Water/Wastewater Board
WW2-015058	Askew, Cornelius Antwanna	Water/Wastewater Board
WW2-015059	Hall, Vince Joseph	Water/Wastewater Board
WW2-015060	Brinkman, James Edward	Water/Wastewater Board
WW3-016985	King, William Mitchell	Water/Wastewater Board
WW3-016986	Adams, James Nicholas	Water/Wastewater Board
WW3-016987	Sadler, Andrew Johnson, III	Water/Wastewater Board
WW3-016988	Benson, Joshua Walker	Water/Wastewater Board
WW3-016989	Roadside, Michael J	Water/Wastewater Board
WW3-016990	Rathel, Charles Samuel	Water/Wastewater Board
WW3-016991	James, Faro Gary	Water/Wastewater Board
WW3-016992	Hatcher, Matthew H	Water/Wastewater Board
WW3-016993	Durden, Mark Wayne, Jr	Water/Wastewater Board
WW3-016994	Hilyer, Michael Jerome, Jr.	Water/Wastewater Board
WW3-016995	Biggers, Michele Sapp	Water/Wastewater Board
WW3-016996	Heino, Charles Edward	Water/Wastewater Board
WW3-016997	Moseley, Anthony	Water/Wastewater Board
WW3-016998	ruddy, patrik amedeo	Water/Wastewater Board
WW3-016999	Dorman, Russell Darrell, Jr	Water/Wastewater Board
WW3-017000	Hilton, Randy Bruce	Water/Wastewater Board
WW3-017001	Logan, Ethan Glenn	Water/Wastewater Board
WW3-017002	Morse, Jason Dean	Water/Wastewater Board
WW3-017003	Akers, Stacy	Water/Wastewater Board
WW3-017004	Powell, Tyler J	Water/Wastewater Board
WW3-017005	Mills, Alvin Eugene	Water/Wastewater Board
WW3-017006	Stephens, Kenneth Dylan	Water/Wastewater Board
WW3-017007	Jarriel, Kelly H	Water/Wastewater Board
WW3-017008	Gobin, Kenneth Heeradath, II	Water/Wastewater Board
WWC032705	Rogers, Jimmy Scott	Water/Wastewater Board
WWC032706	Alexander, Leon NMN, III	Water/Wastewater Board
WWC032707	Smith, Matthew Glenn	Water/Wastewater Board
WWC032708	Seldon, Nathaniel Lawrence	Water/Wastewater Board
WWC032709	Williams, Timothy Joel	Water/Wastewater Board
WWC032710	Flaveney, Roger Cosmos	Water/Wastewater Board

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

WWC032711	Britt, David Morris	Water/Wastewater Board
WWC032712	Garcia, Timothy Torres	Water/Wastewater Board
WWC032713	Brewer, Jeremy P	Water/Wastewater Board
WWC032714	Finley, Michael Eugene	Water/Wastewater Board
WWC032715	Arevalo, Roman Mario	Water/Wastewater Board
WWC032716	Patton, Donyel Lashan	Water/Wastewater Board
WWC032717	Thurmond, James L	Water/Wastewater Board
WWC032718	Turner, Dustin Tandy	Water/Wastewater Board
WWC032719	Magbee, William C	Water/Wastewater Board
WWC032720	Pirtle, Charles Michael	Water/Wastewater Board
WWC032721	Gailey, Scott Lee	Water/Wastewater Board
WWC032722	Danford, Billy Douglas, Jr.	Water/Wastewater Board
WWC032723	Trevors, Kevin Norman	Water/Wastewater Board
WWID032112	Kuehl, Dale Richard	Water/Wastewater Board
WWL014603	Newton, Jeremy Daniel	Water/Wastewater Board
WWL014604	Parks, John David, III	Water/Wastewater Board
WWL014605	Jackson, Daniel Lee	Water/Wastewater Board
WWL014606	Pass, Leisha June	Water/Wastewater Board

**Executive Session:**

Eric Osborne moved to enter into Executive Session to deliberate on applications and complaints, as authorized by O.C.G.A. § 43-1-2 (k) and 43-1-19 (h). William “Bill” Defino seconded the motion. The motion was carried by Margaret Doss, Chair, William “Bill” Defino, Eric Osborne and Tony Rojas. The Board concluded Executive Session in order to vote on the matters discussed and to continue with the public session.

Tony Rojas moved, William “Bill” Defino seconded, and the Board voted to approve the following applications for licensure:

- 2293963                      Brian Todd Kelly                      Water Operator Class3
- 2301797                      Edward Clifton Maddox Jr              Water Operator Class3
- 2303639                      Eric Lee Slaven                      Water Operator Class3
- 2307197                      James Richard Freeman              Water Distribution Operator
- 2306466                      Michael Jordan
- 2305503                      Pinkiben Rajesh Kumar Shah
- 2303224                      Yuagen Yang
- 2304429                      Uttam Kumar Saha

Tony Rojas moved, William “Bill” Defino seconded, and the Board voted to deny the following applications for licensure:

- 2290132              J E T      Water Operator Class 2

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

Tony Rojas moved, William “Bill” Defino seconded, and the Board voted to and the Board voted to accept the report of the pending cases presented by the Attorney General.

Tony Rojas moved, William “Bill” Defino seconded, and the Board voted on the following case:

- WW130002                      Close

Eric Osborne moved, Tony Rojas seconded, and the Board voted to approve the following courses submitted for continuing education:

<u>Program Provider/Sponsor</u>	<u>Course Title</u>	<u>Points Approved</u>
<b>CH2M HILL</b> Stuart Jeffwat, PhD, PE 1000 Abernathy Road, Suite 1600 Atlanta, GA 30328 (678) 530-4182 <a href="mailto:dea.larsen@ch2m.com">dea.larsen@ch2m.com</a>	Performance Evaluations & DMR-QA Study 32	1
<b>AWWA</b> 6666 W. Quincy Avenue Denver, Co 80235 <a href="mailto:lbang@awwa.org">lbang@awwa.org</a>	Revised Total Coliform Rule (RTCR)	2
<b>Association of Water Treatment Professionals</b> P.O.Box 1981 Carrollton, GA 30112 <a href="mailto:bblalock@awtp.org">bblalock@awtp.org</a>	AAS Biological Workshop	2
	AAS Macroinvertebrate Workshop	2
	AAS Chemical Workshop	2
<b>City Of Gainesville Public Utility</b> Department 757 Queen City Parkway, SW Gainesville, GA 30501 <a href="mailto:lduncan@gainesville.org">lduncan@gainesville.org</a>	CPR/FIRST AID/AED	4
<b>Columbia County Water Utility</b>	Columbia County/Augusta Utilities Fall Water	3

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
 Plant Operators and Laboratory Analysts  
 Board Meeting (Teleconference)  
 December 12, 2013

2140 William Few Parkway Grovetown, GA 30813 <a href="mailto:tbell@columbiacountyga.gov">tbell@columbiacountyga.gov</a>	Conference , Session 1	
	Columbia County/ August Utilities Fall Water Conference , Session 2	
<b>Clayton County Water Authority</b> Charles Eaton 1600 Battle Creek Rd. Morrow, GA 30260 770-960-5205 cecton@ccwa.us"	First Aid/ Cpr Aed	6
<b>Cobb Co Water Authority</b> <a href="mailto:swilliams@ccmwa.org">swilliams@ccmwa.org</a>	Control of hazardous energy LOTO National Safety Council Defensive Driving Forklift Operator Flagger Training Intro to Confined Space Entry OSHA General Industry/Health Outreach 10- Hr. Trenching and Excavation AHA-Heart saver CPR & AED Loader/ Excavator training Safety Manual Training	
<b>Dalton Utilities</b>	Basic Wastewater Activated Sludge Process Control Confined Spacy Entry Respiratory Protection Trenching and Shoring Lock Out/ Tag Out Machinery and Machine Guarding Chlorine Safety Fall Protection Bloodborne Pathogens	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	Electrical Hazards	
	CPR/FIRST AID/AED	
	Hazardous Materials	
	Defensive Driving	
	Fire Protection	
	Water Treatment Plant Operations Basic 1&2	
	Activated Sludge: Safety Considerations	
	Back Safety	
	Activated Sludge: Sampling, Analysis and Data Management	
	Activated Sludge: Process Control	
	Activated Sludge: Troubleshooting	
	Activated Sludge: Process Overview	
	Activated Sludge: Equipment & Facilities	
<b>Woodard and Curran, Inc.</b> <a href="mailto:seyler@woodardcurran.com">seyler@woodardcurran.com</a>	Confined Space Entry	
	Qualified Electrical Worker Refresher Training	
<b>City of Savannah Water Reclamation</b> Bernetha J. Brayboy 1400 E. President St Savannah, GA 31404 <a href="mailto:bbrayboy@savannahga.gov">bbrayboy@savannahga.gov</a>	Wastewater Laboratory For Operators	27 BAS/12 CE
<b>Bradshaw and Crawford Associates</b> Jacquelyn M. Richards, CSP, ARM 3649 Calmer Circle East Point, GA 30344 404-550-2490 <a href="mailto:jackiemrichards@yahoo.com">jackiemrichards@yahoo.com</a>	Hazard Communication	2
	Personal Protective Equipment (PPE)	2
	Lockout/Tagout	2
	Housekeeping	2

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	Electrical / Safety	2
	Confined Space Refresher	2
	BloodBorne Pathogens Training	2
	Back Safety	2
<b>Cedarcham LLC</b> 105 Plantation Ave , PO Box 271 Cedartown ,GA 30125 Dennis Brown and Mike Smith	Activated Sludge Biological Nutrient Removal	4
	Activated Sludge Concepts	4
	Jar Testing Dynamics	6
	Keys to Clarifier Optimization	3
	Keys to Dewatering Optimization	4
	Activated Sludge Process Control	4
<b>United Rentals Trench Safety</b> 2617 N. Dartmouth Lane Spokane Valley, WA 99206 droller@ur.com	Confined Space Entry Online Course	
	Confined Space Entry	
	Excavation Safety for Competent Person Training Online Course	
	Excavation Safety for Competent Person Training	
<b>Sigma Consulting &amp; Training</b> <a href="mailto:sigmaconsult@aol.com">sigmaconsult@aol.com</a>	Chemical Spill Response Training	
<b>Gwinnett Co Dept. of Water Resources</b> <a href="mailto:lisa.robbins@gwinnettcountry.com">lisa.robbins@gwinnettcountry.com</a>	Centrifugal Pump Training	6
	Basic Electrical Troubleshooting	6

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

<b>Macon Water Authority</b> Heather Veal 790 Second St. P.O. Box 108 Macon, GA 31202 478-464-5600 478-750-2007 Fax hveal@maconwater.org	Plant Tour	2
	Emergency Response Preparedness Review	3
	Lab Training for Operators	24 ADV/12 CE
	Advanced Water Plant Operation	24 ADV/12 CE
	Basic Water Treatment Plant Operation & Maintenance	40 BAS/12 CE
	Chlorine Safe Handling & First Aid	6
	Laboratory Safety & Understanding MSDS	6
	Chlorine Scrubber System Training	6 CE
	Introduction to Small Water Systems	6 BAS/12 CE
<b>Technical Learning College</b> <a href="mailto:info@tlch2o.com">info@tlch2o.com</a>	Water Treatment 202 Distribution 202	12
	Wastewater Treatment 202	
<b>Georgia Water &amp; Wastewater Institute</b> 511 Stadium Drive Carrollton, GA 30117 Rebecca Mansour <a href="mailto:Rmansour@GWWI.Org">Rmansour@GWWI.Org</a>	CLASS IV SMALL WASTEWATER TREATMENT	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	SOLIDS HANDLING	
	PUMPING SYSTEMS	
	JAR TEST WORKSHOP	
	JAR TEST PROCEDURES WORKSHOP	
	BACKFLOW PREVENTION ASSEMBLY TESTER TRAINING	
	BACKFLOW 1 DAY REVIEW	
	BACKFLOW FOR PROGRAM ADMINISTRATORS	
	WATER UTILITY INSPECTION PART 1	
<b>R &amp; R Consultants</b> 4495 Calvmet Drive Kennesaw, GA 30152	TRENCHING AND EXCAVATION	
	CONFINED SPACE ENTRY	
	LOCKOUT AND TAGOUT	
	COMPETENT PERSON	
	EXCAVATOR/LOADER OPERATOR	
	BOBCAT OPERATOR	
	RESPIRATORY PROTECTION	
	RECORDING KEEPING	
	BLOODBORNE PATHAGENS	
	PERSON PROTECTIVE EQUIPMENT	
	ELECTRICAL SAFETY	
<b>Pritchard Safety</b> prichardsafety@aol.com	Excavation and Trenching	
	Confined Space Rescue Course	
	Confined Space Rescue Refresher Course	
	Fire Extinguisher Training	
	Confined Space Entrant and Attendant Duties	
	First Aid, CPR & AED (National Safety Council Course)	
	HazMat Technician Refresher	
	Adult CPR & AED (National Safety Council Course)	
	Lockout-Tagout	
	Hazard Communications	
	Electrical Safety	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

<b>Target Solutions</b> lbh@targetsolutions.com	Water Industry Back Injury Prevention	1
	Water Industry Backflow Prevention Methods	1
	Water Industry Backflow Prevention Overview	1
	Water Industry Building Evacuation and Emergencies	1
	Water Industry Compressed Gas Safety	1
	Water Industry CPR Academic	1
	Water Industry Disaster Preparedness	1
	Water Industry Driving Safety	1
	Water Industry Forklift Safety	1
	Water Industry General Construction Safety	1
	Water Industry General First Aid Part 1	1
	Water Industry General First Aid Part 2	1
	Water Industry Ground Water Treatment	1
	Water Industry Hand & Power Tool Safety	1
	Water Industry Hazard Communication	1
	Water Industry HAZMAT Spill Prevention & Control	1
	Water Industry HAZMAT Transportation	1
	Water Industry Hearing Conservation	1
	Water Industry Incident Investigation	1
	Water Industry Ladder & Scaffolding Safety	1
	Water Industry Lead Awareness	1
	Water Industry Lock-Out / Tag-Out	1
	Water Industry Low Voltage Electrical Safety	1
	Water Industry Machine Guarding	1
	Water Industry Maintenance on Pumps, Motors, and Circuits	1
	Water Industry Materials Handling, Storage, Use, & Disposal	1
	Water Industry Mathematics Basics	1
	Water Industry Personal Protective Equipment	1
	Water Industry Respiratory Protection	1
	Water Industry Risk Assessment Analysis	1
	Water Industry Slips, Trips, & Falls Prevention	1
	Water Industry Working in Extreme Temperatures	1

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

<b>GA Rural Water</b> brentgrwa@aol.com grwa1@grwa.org		
	Activated Sludge I	
	Activated Sludge II	
	Activated Sludge Process Control & Optimization	
	Activated Sludge Process Process Control	
	Advanced Math	
	Advanced Wastewater Process Optimization (Now 24 hours not 36)	
	Advanced Water I	
	Advanced Water II	
	Annual Fall Conference (Request a maximum of 8 hours per day for Conferences)	
	Annual Training & Technical Conference (Request a maximum of 8 hours per day for Conferences)	
	Applied Utility Math	
	Backflow Assembly Repair Seminar	
	Backflow Assembly Testers Review	
	Backflow Prevention Assembly Testers Training Course	
	Basic Environmental Chemistry	
	Basic Industrial Wastewater	
	Basic Math	
	Basic Wastewater	
	Basic Water	
	Basic Water Works	
	Chemical Feed Systems & Pump Calibrations for Water & Wastewater Treatment Plants	
	Chlorinator Systems & Chemical Handling	
	Consumer Confidence Report Workshop	
	Corrosion Control Treatment Optimization	
	Distribution System Operation & Maintenance	
	Drinking Water Filtration A - Z	
	Drinking Water Regulatory Training For Systems Using Ground Water	
	Federal Regulations Impacting Large & Medium Surface Water Systems	
	Filter Evaluation & Optimization	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	Filter Optimization Workshop	
	Fluoridation Training	
	Georgia Surface Water Regulatory Training	
	Hydrogen Sulfide Prevention and Corrosion Control	
	Industrial Pre-Treatment Facility Inspection	
	LT2 Enhanced Surface Water Treatment Rule Training	
	Maintaining Water Quality in the Distribution System	
	Math Basics	
	Membrane Treatment of Wastewater	
	Meters, Valve & Hydrant Installation Repairs	
	Mueller Training For Distribution Systems	
	Natural Treatment Process	
	Pipeline Repair	
	Primary Sludge Fermentation	
	Pump & Motor Maintenance	
	Pump Maintenance, Trouble Shooting & Operating Efficiency	
	Pump School Training	
	Regulatory Implementation Training For Surface Water Systems	
	Security Vulnerability Self- Assessment Guide For Small Drinking Water Systems	
	Small Wastewater System Operator Class IV	
	Small Water System Operator Class IV	
	Solids Management & Process Optimization Water & Wastewater	
	Stage 2 Disinfectants & Disinfection By Product Rule Training	
	Stage 2 Disinfection By Product Rule Compliance Training	
	Streaming Current Measurement & Chlorination/Dechlorination Operations	
	Surface Water Production 1	
	Surface Water Production 2	
	Tertiary Treatment & Nutrient Removal	
	Trenching *Competent Person* Workshop	
	Utility Emergency Response Planning & Security	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	Improvements	
	Vacuum Prime Pumping Stations	
	Valve & Hydrant Maintenance	
	Wastewater & Collection System Exam Review	
	Wastewater Collection	
	Wastewater Collection System Operation & Maintenance	
	Wastewater Lab for Analysts & Operator	
	Wastewater Treatment	
	Wastewater Treatment Facility Optimization	
	Water & Wastewater Facility & Laboratory Safety	
	Water & Wastewater Utilities Supervision & Management	
	Water Distribution System - Valves, Hydrants, & Water Meters	
	Water Distribution System Disinfection, Emergency Repairs & New Main Installation	
	Water Distribution System O/M, System Hydraulics & Flushing	
	Water Lab for Analysts & Operators	
	Water Quality Workshop	
	Water Utility Math	
	Water Utility Safety	
	Chlorination Seminar	
	Customer Service Inspection and Cross Connection Control	
	Dissolved Air Flotation	
	Introduction to Wastewater Processing	
	Operator Handbook	
	Practical Personnel Management	
	Surface Water Treatment	
	Water Transmission and Distribution	
	Understanding the Stage 2 Disinfection By-Product Rule For Small & Medium Systems and Non-Transient, Non-Community Systems	
<b>Covenant Group Of Georgia ,LLC</b>	FIRST AID,CPR, AND AED	6
	CPR AND AED	4
	SAFETY FIRST	2

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
 Plant Operators and Laboratory Analysts  
 Board Meeting (Teleconference)  
 December 12, 2013

<b>"CEU Plan        Bill Edgar        P.O. Box 10355        Brooksville, FL 34603"</b>	Introduction to Chlorine	
	Components of Chlorine	
	Chlorinators	
	Chlorine Procedures	
	Chlorine Dioxide	
	Wastewater Sludge Treatment - Complete Course	
	Dechlorination - Gas Application and Usage	
	On-Site Sodium Hypochlorite generator Conversion	
	Oxidation in Water/Wastewater	
	Bio-Augmentation	
	Geology	
	Introduction to UV technologies	
	Activated Sludge I: Introduction and Overview	
	Activated Sludge II: 2nd Clarifiers and RAS-WAS	
	Activated Sludge III: Oxygen Demand - Transfer - Uptake	
	Enhanced Coagulation	
	Hazardous Materials Effects to Human Health	
	Emerging Water Borne Pathogens	
	What is Cryptosporidium?	
	Health Concerns of Public Interest	
	Introduction into the CDC Organization	
	Laboratory Safety: Overview, Rules, & Regulations	
	Laboratory Safety: The Nucleus of a Lab Safety Program	
	Sludge Digestion and Solids Handling	
	Introduction to Solids Handling and Stabilization	
	Stabilizations	
	Sludge Conditioning & Dewatering	
	Sludge Digestion and Beneficial Use	
	Basic Chemistry - Complete Course Series	
	Atoms & Molecules	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	Nuclear Decay	
	States of Matter	
	Chemical Bonding	
	Chemical Nonmenclature	
	Solubility	
	Analytical Chemistry	
	Water Purification	
	Basic Mathematics	
	Advanced Mathematics	
	Pipe, Valves, and Fittings	
	Lift Station Repair	
	Corrective Preventive Maintenance: Complete Course	
	CPM: Functions, Failures - Mode & Effects	
	CPM: Building a PM Program	
	CPM: Tracking Failures	
	Basic Computers	
	Blueprints I	
	Personal Sampling	
	Sampling for Surface Contaminants	
	Technical Equipment	
	Legionnaires Disease	
	Back Disorders	
	Chemical Clothing/Respiratory	
	Respiratory Protection	
	Primary Treatment	
	Trickling Filters	
	Your Responsibilities with the Regulatory Agency	
	Terrorism Vulnerability Assessment in Community Water Systems	
	Disinfection By-Products: Summary of Rule	
	Trenchless Technologies: An Introduction	
	CPM: Creating SOP's	
	Trenchless Technologies: Pipeline & Structure Rehabilitation	
	Trenchless Technologies: Complete Course	
	HIV in Wastewater: Presence and Risk	
	Water Treatment Techniques - Complete Course	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	WTT: filtration	
	WTT: Settling and Clarification	
	WTT: Distillation	
	WTT: Ion Exchange	
	WTT: Membrane Separation	
	ORP - Wastewater Biological Nutrients removal Process	
	Wastewater Formulas	
	Collection Mathematics	
	Distribution Mathematics	
	Use of an Excel Spreadsheet in a Wastewater Treatment Plant	
	Wastewater Operational Tools	
	Introduction in Biological Nutrient Removal	
	Toxic & Hazardous Material Handling Procedures	
	Basic Microbiology	
	Parasites, Part I - Helminthes	
	Activated Sludge IV: Process Control & Troubleshooting	
	Laboratory Safety: Guidelines - Chemical & Biosafety	
	Package - Wastewater Treatment Plant	
	Procedure for UV Pilot Testing	
	Activated Sludge V: Troubleshooting Part 2	
	Activated Sludge - Complete Course	
	UV Disinfection _ Sizing of UV System Using Biosafety	
	History of Ultraviolet Disinfection	
	Lead and Copper Rule	
	Arsenic	
	Becoming a First Class Supervisor - Complete Course	
	BFCS: Transition from Craftsman to Supervisor	
	BFCS: Effective Supervisory Communication	
	BFCS: Leadership/Coaching	
	BFCS: Delegation/Motivation	
	Treatment Plant Maintenance and Accident Prevention	
	TPMAP: Ownership of Equipment	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	TPMAP: Equipment Failures and Hazards	
	TMPAP: Checklists Mean More than a Checkmark	
	TMPAP: Solutions Can be Healthy	
	Parasites, Part 2	
	Introduction to Basic Microbiology and Parasites	
	Basic Microbiology, Part 2	
	Filamentous Bacteria Identification & Process Control	
	Introduction to Wastewater Microbiology & Process Control	
	Wastewater Microbiology & Process Control - Part One	
	Introduction to Backflow Prevention	
	Introduction to the Hydrologic Cycle and Aquifers	
	Water Shortage, Reuse, and Resource Management: The St. Petersburg, Florida	
	Introduction to Watersheds and Riversheds	
	Dye Tracing the Path of Water	
	Wetlands: Study of the Everglades	
	Water Reuse - Florida DEP Program - Streaming Series	
	Analytical Chemistry Techniques	
	Septage Handling at the Treatment Plant	
	Corrosion Control	
	FOG: Fats, Oils, and Grease	
	Laboratory Safety: Electrical, Fire and Radiation Safety	
	Laboratory Safety: Labware and Waste Disposal	
	Laboratory Safety: Complete Course	
	Emergency Response	
	Collection System: Sewer Line Root Control	
	Collection System: Getting to the Root of the Sewer Problem	
	Industrial Wastewater Sludge	
	Submersible Sewage Pumping System - Complete Course	
	SSPS: Introduction & Design Considerations	
	SSPS: Selection of Submersible Pumps	

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

	SSPS: Description of Pumps	
	SSPS: Controls	
	SSPS: Controls, Start-Up, & Operation	
	LP: Lab Terminology and Apparatus	
	LP: Basic Wastewater Lab Procedures	
	LP: Biochemical Oxygen Demand (BOD)	
	LP: Solids	
	LP: Fecal Coliform Bacteria	
	LP: Basic Drinking Water Quality Test	
	LP: Drinking Water Bacteriological Procedures	
	LP: Wastewater Techniques - Complete Course	
	Public Admin I - Introduction into Public Administration	
	Manager's Guide to Cost Control	
	Industrial Wastewater Treatment- streaming series	
	Math for Water Plant and Distribution	
	Lime/Soda Ash Softening for Water Plant Operators	
	Pump Station Maintenance	
	Introduction to Concrete Pressure Pipe	
	Grit Removal	
	ERS: Generators	
	Testing a Double Check Valve Assembly - 3 Valve Test Kit	
	Testing a Reduced Pressure Principle Backflow Prevention Device	
	Common Pitfalls in Chemical Feed	
	Clarifier Operation	
	Reasonable Security Measures to Protect Your Plant	

**Other Business:**

William “Bill” Defino moved, Eric Osborne seconded, and the Board voted to adopt the following policy.

**Board Policy on Collection and Distribution Operator Certification**

In a distribution system or a collection system, the operator in responsible charge of a system and the crew chief (on-site supervisor) of each distribution and collection crew need to be certified. Other individuals involved in distribution system and collection system maintenance are encouraged

Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment  
Plant Operators and Laboratory Analysts  
Board Meeting (Teleconference)  
December 12, 2013

to gain certification. Any uncertified personnel must work under the direct supervision of the operator in responsible charge or the crew chief (onsite supervisor)

There being no further business, the meeting was adjourned at 11:18 a.m.

The next meeting of the Board will be February 27, 2014, at 9:30 a.m. at the Professional Licensing Boards Office in Macon, GA.