

SPRING 2016



THE CLARIFIER



2016 AWARDS AND RECOGNITIONS
ESG MOST AWARDED UTILITY OPERATIONS COMPANY IN THE SOUTHEAST
RECAP OF SPRING GAWP CONFERENCE — **READ THE COVER STORY INSIDE!**

2016 AWARDS AND INDUSTRY RECOGNITIONS

ESG's partnerships in Georgia have been recognized by the Georgia Association of Water Professionals (GAWP) for outstanding facility operations. The GAWP awards process, conducted by regulatory agency professionals in the state of Georgia and operators from other systems, is very rigorous and requires year-round preparation.

ESG would like to thank the GAWP and their staff for their continued support of water and wastewater utilities in Georgia. These prestigious industry awards provide validation that ESG Operations, Inc. is the foremost utility contractor in the state of Georgia.

COVER STORY

ESG OPERATIONS, INC. HAS RECEIVED MORE AWARDS FOR OPERATIONAL EXCELLENCE IN GEORGIA AND ACROSS THE SOUTHEAST THAN ALL OF OUR COMPETITORS COMBINED.

We congratulate ESG projects on these outstanding awards and extend our sincere thanks to all ESG associates who invested countless hours preparing for the facility inspections as well as assisted all of our Top Op applicants—and for your commitment to providing excellence at every level of operations and client service.

2016 Top Operator Award

- District 2 Wastewater Top Op — Tyson Page
- District 4 Wastewater Top Op — Dexter Thornton
- District 5 Distribution Top Op — Kyle Powell
- District 5 Wastewater Top Op — Bennie Williams
- District 7 Collections Top Op — Brian Rowland
- District 7 Distribution Top Op — Casey Marshall
- District 7 Wastewater Top Op — Chris McLarnon
- District 7 Water Top Op — Thomas Coker

2016 Water Plant of the Year Award

- Ground Water 3 MGD-8.99 MGD — Perry, GA
- Surface Water 3 MGD-8.99 MGD — Commerce, GA

2016 Water Plant of the Year Certificates of Achievement

- Surface Water 3 MGD-8.99 MGD — Barnesville, GA
- Surface Water 3 MGD-8.99 MGD — Winder, GA

2016 Water Reclamation Facility of the Year Award

- Advance Treatment — Barnesville, GA
- Secondary Treatment 1.1 — Winder, GA
- Non-Discharging 1 MGD or less — Forsyth County, GA

2016 Biosolids/Residuals Program of Excellence Award

- Small Operating System — Douglas, GA

2016 Water Gold Award

- Commerce, GA — Water Treatment Plant
- Moultrie, GA — Spence Field Airport Water System
- Moultrie, GA — Water System
- Perry, GA — Water Treatment Plant
- Winder, GA — Water Treatment Plant
- Tifton-Tift County — Water System



David Keene • Perry Water Plant Operator—Won Water Plant of the Year
Travis Falcione • Perry APM—Won Gold Award for Perfect Water and Wastewater Compliance
Kyle Powell • Line Maintenance Crew Leader—Won Distribution System TOP OP Award
Sharon Kelly • ESG Area Manager

2016 Water Platinum Award

- Barnesville, GA — WTP
- Forsyth County, GA — WTF

2016 Wastewater Gold Award

- Augusta, GA— WWTP
- Barnesville, GA — WWTP
- Perry, GA — WPCP
- Warner Robins, GA — WPCP
- Winder, GA — Marburg Creek WWTP
- Winder, GA — Marburg Creek Reuse LAS
- Winder, GA— Cedar Creek WWTP
- Forsyth County, GA — Dick Creek Water Reclamation Facility
- Forsyth County, GA — James Creek WRF
- Rockdale County, GA — Quigg Branch WPCP
- Rockdale County, GA — Snapping Shoals WPCP
- Rockdale County, GA — Honey Creek WPCP
- Rockdale County, GA — Scott Creek WPCP

2016 Wastewater Platinum Award

- Waycross, GA — WWTP
- Forsyth County, GA—Manor Water Reuse Facility
- Forsyth County, GA — Parkstone at the Bridges
- Forsyth County, GA — Windermere Water Reuse Facility
- Rockdale County, GA — Almand Branch WPCP

**2016
SPRING
CONFERENCE
& EXPO**



**PHOTOS FROM THE
AWARDS CEREMONY
ON APRIL 26 IN
COLUMBUS, GEORGIA**





THIS ISSUE

SPRING 2016

WELCOME

NEW PARTNERSHIP — ESG WELCOMES NI PACOLET MILLIKEN UTILITIES

Read the full story on page 19.

FEATURES

- 5** Sun Safety and Skin Cancer
- 6** ESG Standards Team
- 7** Asset Management
- 8** Human Resources
- 9** Utilivision, Inc.

COMMUNITY INVOLVEMENT

- 10** Jason Aldean Concert
4th Annual Journey for Autism
Scholarship Awards
Vidalia City-wide Clean-up

PARTNERSHIPS

- 12** Augusta, Georgia
- 13** Barnesville, Georgia
- 14** Commerce, Georgia
- 15** Douglas, Georgia
- 16** Forsyth County, Georgia
- 17** Lockheed Martin

PARTNERSHIPS

- 18** Moultrie, Georgia
- 19** Ni Pacolet Milliken Utilities
Columbia, South Carolina
- 20** Opelika, Alabama
- 21** Perry, Georgia
- 22** Rockdale County, Georgia
- 24** Tifton, Georgia
- 26** Tupelo, Mississippi
- 27** Vidalia, Georgia
- 28** Wakulla County, Florida
- 29** Warner Robins, Georgia
- 30** Waycross, Georgia
- 31** Winder, Georgia

FAMILY NEWS

- 32** Family News by Projects

PROJECT LOCATIONS

- 34** Project Locations
Across the Southeast
- 35** Map of ESG Partnerships

FOR THE SIXTH CONSECUTIVE YEAR, ESG NAMED A TOP 200 ENVIRONMENTAL FIRM BY ENGINEERING-NEWS RECORD (ENR)



A Utility Operations and Public Works Management Company

CORPORATE PROFILE

ESG Operations, Inc. was established in 2003 and provides operations, maintenance and management of utility and public works systems along with a wide range of engineering consulting services.

CORPORATE OFFICE

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HOW TO REACH US

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478-474-5045 Fax

WE ARE HERE TO SERVE YOU

If you have any questions regarding our services, please give us a call.

www.esginc.net



**WE'RE HIRING—
CONNECT WITH US!**

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Sun Safety and Skin Cancer

- ▶ Skin cancer is the most commonly diagnosed cancer in the United States with 5 million people treated each year.
- ▶ Every year there are more than 63,000 new cases of melanoma, the **deadliest form of cancer** resulting in nearly 9,000 deaths.
- ▶ Treatment for skin cancer costs **\$8.1 billion each year** in the United States.

Skin cancer is the most commonly diagnosed cancer in the United States, and most cases are preventable.

Skin cancer greatly affects quality of life, and it can be disfiguring or even deadly. Medical treatment for skin cancer creates substantial health care costs for individuals, families, and the nation. The number of Americans who have had skin cancer at some point in the last three decades is estimated to be higher than the number for all other cancers combined and skin cancer incidence rates have continued to increase in recent years.

Despite efforts to address skin cancer risk factors, such as inadequate sun protection and intentional tanning behaviors, skin cancer rates, including rates of melanoma, have continued to increase in the United States.

Protection from ultraviolet (UV) radiation is important all year round, not just during the summer or at the beach. UV rays from the sun can reach you on cloudy and hazy days, as well as bright and sunny days. UV rays also reflect off of surfaces like water, cement, sand, and snow. Indoor tanning (using a tanning bed, booth, or sunlamp to get tan) exposes users to UV radiation.

The hours between 10:00 a.m. and 4:00 p.m. Daylight Saving Time (9:00 a.m.–3:00 p.m. standard time) are the most hazardous for UV exposure outdoors in the continental United States. UV rays from sunlight are the greatest during the late spring and early summer in North America. The sun's ultraviolet (UV) rays can damage your skin in as little as 15 minutes. Follow these recommendations to help protect yourself and your family.

SHADE — You can reduce your risk of skin damage and skin cancer by seeking shade under an umbrella, tree, or other shelter before you need relief from the sun. Your best bet to protect your skin is to use sunscreen or wear protective clothing when you're outside—even when you're in the shade.

CLOTHING — When possible, long-sleeved shirts and long pants and skirts can provide protection from UV rays. Clothes made from tightly woven fabric offer the best protection. A wet T-shirt offers much less UV protection than a dry one, and darker colors may offer more protection than lighter colors. Some clothing certified under international standards comes



with information on its ultraviolet protection factor.

HAT — For the most protection, wear a hat with a brim all the way around that shades your face, ears, and the back of your neck. A tightly woven fabric, such as canvas, works best to protect your skin from UV rays. Avoid straw hats with holes that let sunlight through. A darker hat may offer more UV protection. If you wear a baseball cap, you should also protect your ears and the back of your neck by wearing clothing that covers those areas, using sunscreen with at least SPF 15, or by staying in the shade.


SUNSCREEN — Put on broad spectrum sunscreen with at least SPF 15 before you go outside. Most sun protection products work by absorbing, reflecting, or scattering sunlight. They contain chemicals that interact with the skin to protect it from UV rays. All products do not have the same ingredients; if your skin reacts badly to one product, try another one or call a doctor. Check the sunscreen's expiration date. Sunscreen without an expiration date has a shelf life of no more than three years, but its shelf life is shorter if it has been exposed to high temperatures.

ESG Standards Team

ESG STANDARDS TEAM MATRIX
PROJECT MANAGERS MEETING • 2015

"Universal" Standards Matrix

| CATEGORY | STANDARDS | CATEGORY | STANDARDS |
|--------------------------------|--|------------------------------|---------------------------------------|
| SAFETY | SDS | ASSET MANAGEMENT | Condition Assessment |
| | OSHA Protocols | | Capital Forecast |
| | JSA's | | CMMS |
| | Work Site Inspections | | Criticality Matrix |
| | Asbestos survey for building older than 1980 | | Inventory—Vehicle Tools and Materials |
| | First Aid/CPR training for at least managers | Equipment Availability Table | |
| | Tour Protocol | Operations version of CMMS | |
| | Hep B Vaccination | Year at a Glance | |
| | Search/Warrant Protocol | Trend Charts | |
| | Vehicle Inspections/Maintenance | Awards Submittal | |
| | Emergency Action or Response Plan | Succession Plan | |
| | Site Safety Compliance Review | Career Development Plan | |
| | Safety Training—monthly and weekly meetings | Employee Training Plans | |
| | Contract Synopsis | Enhance Credentials | |
| Permit Synopsis | Rewards & Recognition | | |
| Client Report—Monthly | Identify Skill Sets | | |
| Corporate Report—Monthly | Budget Tracking/Review | | |
| Client Report—Annual | Rebatable Tracking | | |
| Project Profiles | Revenue Enhancement | | |
| Community Involvement Plan | Added Value Work | | |
| Organization Chart | | | |
| Document Successes | | | |
| Internal Project (Self) Review | | | |
| PPE Tracking | | | |
| Equipment List | | | |



The ESG Standards Team was established in 2015. The purpose of the team was to set the minimum Project Delivery Standards so there is uniformity in all aspects of ESG's service delivery.

Additionally, having consistent standards provides data for ESG to benchmark performance amongst project locations. The goal of the Standards Team is to successfully help implement these standards at each ESG project.

THE STANDARDS TEAM

The Standards Team—**Chris Holloway, Cleve Fleming, Mike Hilyer, Jeff West, Neil Counts, Paul Tickerhoof, Scott Murphy, Sharon Kelly, Becky Alexander** and **Sean Meyer**—met six times during 2015 to

establish specifics for each discipline of service ESG provides. The specifics developed at each team meeting were then reviewed by a Quality Control Team to ensure alignment and appropriateness of items placed on the standards list.

THE QC TEAM

The ESG QC Team members are **Brian Kelly, Darrel West, David Moore, Don North, Ed Biskis, Nannette Holder, Ray Richard, Roger Dodd,** and **Sean Meyer.**

It was decided that each project would perform a self-assessment of their status with regard to meeting criteria identified by the Standards Team.

WHAT HAPPENS NOW?

Our analysis was completed in early 2016 and current plans involve meeting with each project to review their standards to evaluate how they align with the purposes set by the Standards Team. We know that each project is at different stages of completion of the standards set forth (based on years of service with ESG and availability of resources) so the Standards Team is assimilating a plan to help as needed. From this process we hope to develop a variety of templates that can be shared among all ESG Projects.

ESG STANDARDS TEAM MATRIX
PROJECT MANAGERS MEETING • 2015

"Scope" Standards Matrix



| CATEGORY | STANDARDS |
|---------------------------------|---|
| SAFETY | Safety |
| | RMP - update, training, CMMS Mandatory Equipment at each project available |
| WASTEWATER | WW Operations |
| | NPDES Permit Summaries |
| | NPDES Warning Notifications |
| | Process Strategy Meetings |
| | Sampling Plan / Map for Permit and Process |
| | O&M Process Strategy |
| | Process Control Procedures |
| | SOP's |
| | Plant Check Sheets |
| | Trend Charts |
| | Mass Balance |
| | Operator 10 Implementation and entered daily |
| | Data Preservation (reporting, sludge, chemicals, etc.) |
| | Corp Calendar with permit reminders and permit sampling dates |
| Corrective Action Tracking | |
| WW Efficiencies | |
| Energy Management Plan | |
| Chemical Management Plan | |
| Solids Management Plan | |
| Spill Response Plan | |
| WW Reporting | |
| DMR's | |
| Biosolids Annual Report-State | |
| Biosolids Annual Report-Federal | |
| IPP | Industrial Monitoring |
| | Industrial Program |
| | Industry Files |
| | Inspection / Sampling Schedule |
| | Annual Report |
| | Tracking Software |
| | FOG Program |
| Sewer Use Ordinance | |

Asset Management



Safety has been a top priority for the team. All members of the team have received the Arc Flash Training and PPE. We would like to thank **Darrel West** for his guidance and accompanying the team in the field to make sure everyone understands and is following the proper safety procedures.

CONGRATULATIONS

We congratulate **Brian Kelly** on being named Corporate Maintenance Director.

The Condition Assessment (CA) and Capital Forecast (CF) are two ESG business solutions that the Asset Management team has been working to integrate into PSD over the last year.

The Condition Assessment is fully integrated and every project has been assessed through the CA program. Brian Kelly, Corporate Maintenance Director, has reached out to various projects requesting assistance when performing a Condition Assessment. This has been a great benefit to the team and for the projects. Additional team members collect and record data on tablets that is immediately transmitted or they assess equipment using various predictive tools. Additional team members are **Jamie Thornton, Mike Gresham, Jerry West, Charlie Dukes, Scott Moody, Tyler Williams, and Jeff Fulton**. Time in the field and assembling the report has been reduced by 60%. The Capital Forecast programming is complete in PSD and is being implemented in Augusta, Commerce, Forsyth, Ni Pacolet Milliken and Rockdale.

After going online exactly two years ago we are proud to announce that all 19 of our ESG projects are using PSD including our new partnership, Ni Pacolet Milliken Utilities (South Carolina). The change process has been very challenging but with the help of the PSD trainers and all of the associates at each project we are making great strides towards improving service delivery through Asset Management for each of our clients.

New Corporate Maintenance Director



ESG congratulates **Brian Kelly** on his new position as **Corporate Maintenance Director**. Brian has been with ESG for 6 years (Augusta) and has 18 years of water and wastewater treatment industry experience—with eleven of those years in a supervisory role. Brian has an Electrical Maintenance and Construction Degree, is a certified Georgia Maintenance Technologist, and he has obtained Certification in Vibration Analysis Level I and Infrared Thermography Level II. Brian also has a Georgia Class I Wastewater Operator License and a Class A in the state of South Carolina. Proficient

in all aspects of predictive, corrective, and preventive maintenance, Brian maintains electrical systems to include 13,800 volt, instrumentation and controls, programmable logic controllers and SCADA.

THE NEW YEAR HAS BEEN AN EXCITING ONE FOR ESG OPERATIONS, INC. AS WE EXPAND OUR FOOTPRINT INTO SOUTH CAROLINA.

NOW HIRING!



In February, we welcomed 25 new employees to the ESG family when we partnered with Ni Pacolet Milliken in Elgin, South Carolina to operate their wastewater treatment facilities and collections system.

APPLY Online

One consequence of our continuing growth is an increased demand for qualified water, wastewater and public works professionals. We are always looking for motivated and enthusiastic candidates interested in a career in utilities operations. You can refer a prospective applicant to the "Careers" link on our website at www.esginc.net.

In addition, our growth is creating numerous opportunities for advancement throughout all of ESG's projects. We always strive to identify talented individuals within ESG who have the drive to succeed and a commitment to excellence. Our goal is to create an environment where everyone has the opportunity to reach their full potential. View internal career opportunities by clicking the "Career Advancement Opportunities" link on your Ultipro® homepage.

I encourage you to take time this year to invest in yourself by obtaining the additional certifications and professional licenses that will stimulate your career. Speak with your Project Manager about the training and financial assistance that ESG can provide. Many of you are already studying for your next certification or license and I look forward to seeing your career with ESG flourish as you work to impact the communities we serve.

We have much to celebrate due to the hard work and commitment of our tremendous employees. **Thank you for dedicating your time and talents to making ESG Operations a great company.**

ROGER DODD
Human Resources Director

Dynamic Work Environment

Opportunity for Advancement

State-of-the-Art Tools and Technology

Skill Based Compensation

Individualized Training Programs

CONNECT WITH US

VISIT OUR "CAREERS" PAGE ON OUR WEBSITE FOR CURRENT JOB OPENINGS

esginc.net/careers

VIEW INTERNAL CAREER OPPORTUNITIES BY CLICKING THE "CAREER ADVANCEMENT OPPORTUNITIES" LINK ON YOUR ULTIPTRO® HOMEPAGE





Vidalia's Highway 280 Tank Receives Renovation



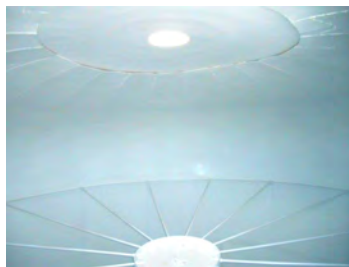
BEFORE UTV RENOVATION



AFTER UTV RENOVATION

The City of Vidalia's Highway 280 water tank recently received an exterior renovation. The renovation consisted of the cleaning, prepping, and recoating of the exterior along with the installation of the City's logo. The process took approximately three weeks and included the cleaning of the interior while the tank was out of service. **Thanks to Robbie Akins and his crew for helping make this a successful project.**

Tifton's Forest Lake Interior Renovation Completed



The City of Tifton's Forest Lake tank interior renovation was completed in February 2016. The interior received a full SP10 Near White blast and 2 coats of Tnemec NSF approved epoxy. The project was completed in approximately 4 weeks. **Thanks to Jerry West and his crew for helping make this a successful project.**

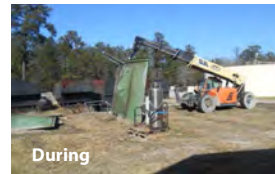
UTV STAFF ASSISTS WITH NI PACOLET MILLIKEN START-UP



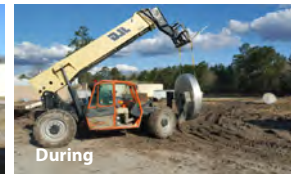
Before



Before



During



During



After



After

IN FEBRUARY UTV STAFF ASSISTED ESG TEAM MEMBERS WITH THE NI PACOLET START-UP IN SOUTH CAROLINA.

A significant amount of work was completed at both the Spears Creek and the Stoops WWTPs. A significant amount of unused items were removed and facilities were cleaned providing a much improved appearance. Remaining plant items were organized providing much easier access and organization. **Read more about this start-up on page 19.**

A COMMUNITY LEADER

THANK YOU TO ALL
ESG ASSOCIATES
 WHO GIVE OF
 THEIR TIME AND
 TALENTS TO
MAKE A DIFFERENCE
 IN THE
 COMMUNITIES
 WHERE WE
 LIVE AND WORK



PERRY, GA

ESG/Perry contributes to City of Perry's public education trail.

Read the story on page 21.

JASON ALDEAN

NEWS

JASON GARNERS MORE THAN \$500K FOR HOMETOWN CHILDREN'S HOSPITAL

NEWS | APRIL 22, 2016 | SHARE

Taking the stage for the first time since earning this year's ACM "Entertainer of the Year" title, Jason Aldean celebrated with his hometown of Macon, GA, last night (4/22) while raising over \$500,000 for Children's Hospital, Navicent Health. Every ticket was instantly snatched to the exclusive event held at the city's downtown historic Grand Opera House, as familiar faces were treated to an intimate stripped-down performance. The impressive amount of money raised by Bibb County benefits the only dedicated pediatric facility in central Georgia that enhances the lives of children through patient care, research and education.

"Pretty overwhelming the amount of money that was raised by the community of Macon last night and I couldn't be more proud to call it my hometown," shares Aldean. "Every single penny helps an organization that means a lot to me and I can't thank everyone enough for helping these kids. Emotions were running high seeing all those familiar faces come out to support."

"We are thrilled and so very appreciative that Jason took time from his busy schedule to visit Macon and offer an exclusive performance for the benefit of our patients at Children's Hospital, Navicent Health. Our young patients and their families are grateful for his support and advocacy," said Dr. Ninfa M. Saunders, President and CEO of Navicent Health.

MACON, GA

Jason Aldean Comes Home to Macon— ESG Helps Sponsor Local Concert

On April 22, ESG Operations, Inc. joined with other corporate sponsors in bringing ACM "Entertainer of the Year" Jason Aldean to his hometown for a concert to benefit Children's Hospital, Navicent Health. The benefit concert raised over \$500,000 for the hospital.

MACON, GA

ESG is Lead Corporate Sponsor for 4th Annual Journey for Autism

Cyclists from across the state of Georgia participated in the 4th Annual Journey for Autism Century Ride on Saturday, May 8 in Macon. All proceeds from this event benefit Central Georgia Autism's scholarship program, workshops and family events. ESG was honored to be the lead sponsor for this year's Journey for Autism. Over the past four years the Journey for Autism has provided close to \$50,000 in scholarships for children and families affected by autism. Georgia is one of 13 states without mandated insurance coverage for autism and this financial assistance is a lifesaver to many families.

FOURTH ANNUAL

2016

A JOURNEY FOR AUTISM

MACON

SATURDAY MAY 7 Starting at 8:00 AM
 SANDY BEACH | LAKE TOBESOFREE
 6600 Moseley Dixon Road

Choose Your Course **22, 33, 66 or 100 miles**

AN EVENT FOR THE WHOLE FAMILY **1 Mile Fun Ride for KIDS**

ALL PROCEEDS HELP PROVIDE SCHOLARSHIPS AND OTHER VALUABLE SERVICES FOR CENTRAL GEORGIA AUTISM

GIVEAWAY! WIN A BIKE Register now and enter to win a new bike!
 Bike Tech of Macon will be giving away a Road Bike and a Kid's Bike at this year's ride. Register to win!

THIS ANNUAL EVENT IS HOSTED BY ESG | Central Georgia Autism, LTD.

FOLLOW US for details and updates | This event is also sponsored by USA Cycling. All riders must wear a USA Cycling helmet.

journeyforautism.com



1

VIDALIA, GA

Over 200 Volunteers Participate in the 2016 Vidalia Clean-up

The City of Vidalia, ESG Operations and Republic Services teamed together to sponsor, plan and participate in the **2016 Vidalia Clean-up**. ESG/Vidalia provided hotdogs, hamburgers, gloves and the banner for the event. The clean-up was very successful with over 200 volunteers in attendance. We plan to have this event every year. Members of Team Vidalia who volunteered their time included **Joe Brock, Juan Castro, RJ Williams, Denny Garner, James O’Neal, Robbie Akins, and Jeff West.**



2



3

1—Volunteers gather for Vidalia Clean-up Day
2—ESG/Vidalia team members lend a helping hand
3—Mayor Ronnie Dixon cleaning up the City

MOULTRIE, GA



CONGRATULATIONS TO THESE DESERVING COLQUITT COUNTY HIGH SCHOOL STUDENTS

On Saturday, April 23, ESG sponsored the first ever in Moultrie Community Scholarship Awards Cookout where we presented \$500 scholarships to four Colquitt County High School students. Pictured, left to right: Lisa Clarke Hill, Moultrie councilwoman and CCHS social worker; Selyna Gant, who plans to major in Agricultural Engineering and German at the University of Georgia; Nathan Lang, who plans to major in English at Clark Atlanta University then go on to law school; Mayor Bill McIntosh; Catalina Arnett, who plans to major in Natural Science and Visual Arts at UGA; Quen’Tavious Alford, who plans to major in Engineering with a minor in Astronomy at Valdosta State University; and **Tony Johnson**, ESG Vice President of Community and Government Affairs.

IN THE COMMUNITY READ MORE ABOUT OUR **COMMUNITY INVOLVEMENT** IN OUR PROJECT NEWS SECTION.

TEAM AUGUSTA



High School STEM Group Begins Course Work at Augusta Plant

The Richmond County Board of Education STEM group recently began wastewater industry related course work in collaboration with the Augusta plant. This program allows 30 students at T.W. Josey High School to spend a couple of hours per week at the Augusta plant gaining knowledge and hands-on experience of wastewater treatment. At the completion of the program, the students should be able to obtain Class III Wastewater Operator certification.

Team Augusta is honored to welcome students from T.W. Josey High School

NEW ASSOCIATES



STEPHAWN JENNINGS



CHAREE DOTTON



ROBERT RANKINS

- ▶ **Charee Dotton** — Administrative Assistant
- ▶ **Johnathan Sidener** — Operator in Training
- ▶ **Robert Rankins** — Operator in Training
- ▶ **Stephawn Jennings** — Utility Technician with IPP
- ▶ **Mark Andrews** — Senior Operations Specialist

ANNIVERSARIES

Augusta recently recognized **Ruth Mead** (Senior Education Specialist) and **Aaliyah Ross** (Education Specialist) for 5 years of service with ESG in Augusta. Congratulations, ladies! We thank you for your dedication!

PROMOTIONS

Scott Moody and **Tamara Wright** have been promoted to Supervisor in Training for the Operations Department.



IN THE COMMUNITY

Team Augusta was proud to participate in the local Toys for Tots program by donating toys during the Christmas season.





TEAM BARNESVILLE

AWARDS AND RECOGNITIONS

Barnesville's Wastewater Treatment Plant Selected as GAWP's 2015 Plant of the Year



The James A. King WWTP was selected as GAWP's 2015 Wastewater Treatment Plant of the Year! The award was presented at the GAWP 2016 Spring Conference & Expo held in Columbus, Georgia, on April 26-27. The ESG/Barnesville team knocked it out of the park—scoring over 107 on the Plant of the Year inspection. We are very pleased to bring this recognition and honor to our team, client and the community in Barnesville.

Team Barnesville worked with City of Barnesville staff to purchase and install a new 5,500-gallon Ferric Chloride bulk chemical tank. The previous storage tank was failing and had no spill containment. ESG helped save the City of Barnesville nearly \$10,000 by researching the best option for tank replacement and containment and working with City staff to install the new tank. *(photograph at left)*

COMMUNITY INVOLVEMENT

ESG PARTICIPATES IN LAMAR COUNTY COLLEGE AND CAREER ACADEMY'S 2016 CAREER EXPO



ESG/City of Barnesville participated in the Lamar County College and Career Academy's 2016 Career Expo on March 31. We were delighted to share with these young students the opportunities in the Water, Wastewater, and Utility Management fields. Our goal is to inform high school students of our field and stimulate their interest as they consider prospective areas of employment and study.

Kristen Smith (Human Resources) and **Brandon Lewis** (Barnesville Project Manager) at 2016 Career Expo

INDUSTRY RECOGNITION

ESG ASSOCIATE DEXTER THORNTON SELECTED AS GAWP DISTRICT 4 TOP OPERATOR

Dexter Thornton, Lead Wastewater Operator, was selected as the GAWP District 4 Wastewater Top Operator for 2016.



Dexter's dedication, perseverance, and contribution to the successful operation of the new James A. King WWTP made him the right choice for this award.

We are very proud of Dexter and his accomplishments!

TEAM COMMERCE



IN-SOURCING

Team Commerce In-Sources Chlorine Gas Chlorinators Originally Installed in 1967

Team Commerce has had a very busy winter in the maintenance department. Maintenance personnel removed the original plant chlorine gas chlorinators installed in 1967 and replaced them with new chlorine gas chlorinators. All work on the chlorinator system was completed in house by **Ricky Veal, Stephan Lewis** and **Linton Cummings**. In addition to the chlorinators, new gas piping was installed for the chlorine system. By performing all work in house, **Team Commerce** saved the **City of Commerce** over \$30,000.



After completion of the chlorine system upgrade, Team Commerce focused on the Raw Water Station. **Ricky Veal, Stephan Lewis** and **Linton Cummings** removed old equipment which was no longer in use and then cleaned and painted the entire station.



Both of these **in-sourcing projects** took over three months to complete and our client is very pleased with the work Team Commerce completed.

INDUSTRY RECOGNITION

Congratulations to **Team Commerce** on receiving the Gold Award by GAWP this spring.

WELCOME NEW TEAM MEMBER



ESG/Commerce would like to welcome **Stephan Lewis** to the team. Stephan has a Class 1 Water/Wastewater license as well as Water & Wastewater Lab Analyst and Distribution licenses. Stephan is a great addition to the company and to Team Commerce.

“Our primary goal this spring/summer at ESG/Commerce is to continue to find new ways to operate the facility efficiently and to make improvements in a cost-effective way.”

JOHN KIGHT
Project Manager



TEAM DOUGLAS

COMMUNITY INVOLVEMENT



RIVERS ALIVE SATILLA RIVER CLEAN UP

On Saturday, November 14, Team Douglas participated in the “Rivers Alive Satilla River Clean Up” sponsored by the Satilla Riverkeeper. This event consisted of roughly 60 volunteers working together to remove trash and debris from the Satilla River tributaries in Douglas.

 ESG is a proud partner of the Satilla Riverkeeper—be sure to “Like” them on Facebook!

LICENSES AND CERTIFICATIONS

Richard Jones

Class 2 Wastewater Operator License

Anthony Baskin

Class 2 Wastewater Operator License

Keith Joiner

Wastewater Collections License

Chris McLarnon

Class 3 Water Operator License

James Daniels

Class 2 Wastewater Operator License

CONGRATULATIONS!



Team Douglas Rehabs Liftstation

Team Douglas recently completed rehab of the Airport liftstation which included replacing the base elbow, stand pipe, check valve and cut off valve (*photo 1*). Wastewater Treatment staff also completed the installation of safety rails at Post Air (*photo 2*).

A big thanks to TEAM TIFTON for all their help in completing the liftstation project.

WELCOME TO TEAM DOUGLAS



ESG recently welcomed two new members to Team Douglas in the C&D Division—**Martonio Launders** and **McKenzie Baskin**. We join Team Douglas in welcoming these two new associates to the ESG family.



ESG Presents City of Douglas Over \$65,000 in Maintenance Rebates

At the December 28, 2015, meeting of the Douglas Board of Commissioners, ESG was honored to present the City with a rebate check in the amount of \$66,791 for maintenance savings during the 2015 calendar year. ESG Senior Vice President **John Eddlemon** and Vice President for Community and Government Affairs **Tony Johnson**, along with Douglas Project Manager **Kevin Davis**, made the presentation to City leaders.

TEAM FORSYTH COUNTY



CLARIFIER AT WINDERMERE

Forsyth's Wastewater Department worked hard at The Manor WRF to bring Train 1 in service for the first time since the plant was in operation. This was a major undertaking with many components to be installed and optimized for production. Thank you to **John Pace** and **Dave Pitocchelli** for spearheading this project!

The Forsyth Maintenance Department worked hard to overcome obstacles as well. With a vacancy in our Maintenance Manager position, there was a plethora of responsibilities to be fulfilled. **John Pace** and **Tyler Williams** stepped forward to efficiently fill these responsibilities and maintain a work order system with very little back log.

John Pace's attention to detail also saved the project several thousand dollars. Two Flocculator Mixers at the Forsyth County Water Plant failed and were brought to John's attention. Both mixers were originally believed to have needed to be rebuilt. Before committing to the cost of rebuilding these mixers, John further investigated the issue. He was able to troubleshoot and address both mixers and put them back into service with no cost to the project.

PARKSTONE LAS IS 2015 PLANT OF THE YEAR

We would like to recognize the extensive efforts of **Chris O'Connor** and **Dave Pitocchelli** as they went above and beyond in preparing Parkstone LAS for Plant of the Year for 2015. Parkstone LAS competed in the 1 MGD or Less Non-Discharging category and won. **Congratulations to Team Forsyth on a much deserved win!** At the same time, **John Pace** and **Sean Wheale** took great strides in getting the Forsyth County Water Plant ready for Plant of the Year inspection.



ESG ASSOCIATE SEAN WHEALE AT WORK



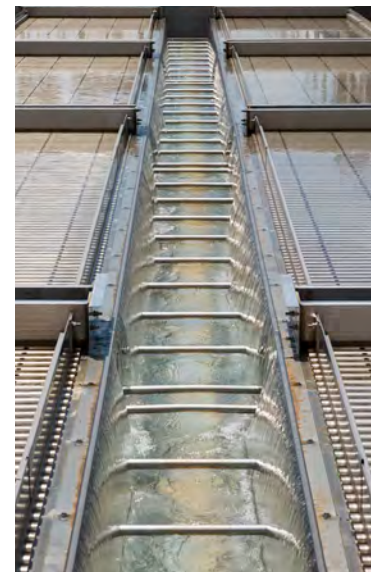
SAFETY FIRST

Kevin Hunt was instrumental in certifying the members of Team Forsyth in CPR and emergency first aid. This is in keeping with the **Safety First** values of ESG. Thank you Kevin!

The **Water Plant** had a great fall and winter with employees making various improvements across the facility.

NEW ASSOCIATES AT TEAM FORSYTH COUNTY

We are pleased to welcome **Danielle Kuntz** (Office Manager), **Tim Thomas** (Wastewater Operator), **Paula White** (Wastewater Operator), **Sean Wheale** (Water Manager) and **Tyler Williams** (Mechanic) to Team Forsyth.



THIS AWARD
“ENCOURAGES
AND PROMOTES
ADVANCEMENTS
AND
ACHIEVEMENTS
IN THE
ENVIRONMENTAL
LABORATORY
FIELD.”



INDUSTRY RECOGNITION

JEFF FULTON RECEIVES PRESTIGIOUS GAWP LAB AWARD

Jeff Fulton, ESG/Lockheed Martin Laboratory Director, was voted by his peers to receive the Ira C. Kelley Award presented at the Georgia Associate of Water Professionals (GAWP) Fall Conference. This award “encourages and promotes advancements and achievements in the environmental laboratory field.” Jeff feels very fortunate to have received the honor and thanks those who helped make this goal possible.

JEFF FULTON (left) PICTURED WITH ESG SAFETY DIRECTOR DARREL WEST (right) AT GAWP'S 2015 FALL CONFERENCE



RECENT ACCOMPLISHMENTS

Laboratory Analyst **Tamara Wright** obtained a Class I Wastewater Operator license. Congratulations Tamara! She accepted an operations position with Team Augusta last fall, but not before welcoming and assisting with the initial training of new Laboratory Analyst **Angel Shepard**. Angel was successful in obtaining a Wastewater Laboratory Analyst license in March.



WELLNESS NEWS



LOCKHEED LAB DIRECTOR PARTICIPATES IN ALBANY, GEORGIA MARATHON

Jeff Fulton recently competed in the 2016 Albany Marathon. Way to go, Jeff, on this significant accomplishment!

TEAM MOULTRIE *Moultrie*

City of Southern Living

Team Moultrie Focuses on Reducing Inflow and Infiltration

Inflow and Infiltration (I/I) is a current challenge for the operations in Moultrie. During rain events plant flows are increased significantly. Not only does this exceed flow limits at times, it also causes treatment challenges. Crews have been focusing on discovering I/I by methods of dye and smoke testing. To date we have discovered and repaired approximately 1 MGD of potential I/I.



NEW CONSTRUCTION

Moultrie Wastewater Plant Construction Is Currently Underway

The new wastewater plant construction is ongoing. Our crews have faced challenges typical of any construction project. The staff has responded rapidly and assisted in issues with the potential to delay construction progress. The most recent issue was leaking of the chlorine contact chamber effluent into the new deep bed sand filter foundation. We immediately began searching for the source of the leak by alternating the take down, clean out and refill of one CCC chamber at a time. The culprit was a leaking pressure relief valve in the far basin which was fixed immediately. Construction promptly resumed once the deep bed sand filter area was pumped out back into the WWTP.



NEW EMPLOYEES

Ann Zimmer-Shepherd, P.E. is the new Project Manager for Team Moultrie. Ann previously served for 11 years as the Sewer Superintendent for the City of Albany and from 1997–2007, she was Albany's Assistant Director of Engineering. Ann has worked in both the private and public sectors as a design engineer on solid waste, water and wastewater projects. She is married to **John Shepherd, Jr. P.E.** who serves at ESG/Tifton.

Debbie Coker is the new Lab Manager for Moultrie's Water and Wastewater Treatment Plant. She is a certified Laboratory Analyst and comes to us from the University of Georgia, Tifton Laboratory. Debbie has extensive experience with water and wastewater sample analyses having worked in the City of Tifton Lab from 1991–2001. Debbie is married to **Tommy Coker**, Wastewater Supervisor at ESG/Tifton.

LICENSES AND CERTIFICATIONS



Tim Walker achieved his Georgia Class 2 Wastewater Treatment License

Brian Rowland achieved his Georgia Class 2 Water Treatment License

Jared Noble achieved his Georgia Class 1 Wastewater Treatment License and also achieved certification as a Georgia Soil & Water Conservation Commission Level 1B Certified Inspector



NEW PARTNERSHIP

TEAM NI PACOLET MILLIKEN

ON FEBRUARY 1, 2016, ESG Operations began providing contract operations, management and maintenance services for three treatment facilities and seventy-seven lift stations owned by Ni Pacolet Milliken Utilities (NPM) in South Carolina.

Spears Creek WWTP includes 243 miles of gravity pipe, 34 miles of force main, 6,424 manholes and 57 lift stations. Spears Creek WWTP is rated at 6 MGD with final discharge to Rapid Infiltrations Basins but the ground has already been broken to add a mostly new 12 MGD facility. Simultaneously, our client will be installing a long 36" line that will connect an additional 11,600 homes that currently discharge to the City of Columbia.

Located approximately 20 miles west of Spears Creek WWTP are the Alpine and Woodland systems. These systems include Stoop Creek WWTP (2 MGD) and the Woodland lagoon (0.288 MGD) which includes 144,000 feet of



WE ARE PLEASED TO WELCOME TEAM NI PACOLET MILLIKEN TO THE ESG FAMILY!

gravity sewer, 8,000 feet of force main, 800 manholes and 8 lift stations.

We extend much appreciation to **Paul Tickerhoof, Becky Alexander, Darrel West, Roger Dodd, Kristen Smith** and **Connie Skinner** for their tremendous support. The transition was divided into three phases—Administration, Employee, and Facility. Concurrent with the transition, ESG also conducted a condition assessment of all assets, including the large fleet of vehicles. Much appreciation goes to **Brian Kelly** and **Tory Tickerhoof** for this important task.

A very noticeable improvement to the facilities was acknowledged by NPM for the groundskeeping ESG completed in the first month. **Sharon Kelly** man-

aged a tremendous amount of work with several crews from other ESG projects, and all deserve our appreciation. **Nathan West** and **Josh Waid** of UTV assisted by moving vast amounts of mostly scrap metal from across the grounds of the treatment facility. They worked long-hour days over many weeks, but the end result was much appreciated by NPM.

Neil Counts did a fantastic job providing initial training to many of the employees on how to Hiper Web on their laptops, tablets and smart phones.

David Moore developed operational control plans and provided training to all the operations team in such a way that the operators were energized by how he took them to higher and higher levels of understanding.

Nannette Holder inventoried the laboratory equipment and outfitted each lab with the appropriate laboratory instruments, bound books and provided analysis training. Nannette also took the lead on getting the labs certified to perform reportable analysis results versus contracting an outside lab. This effort is nearly complete with only the visit by DHEC remaining in the application process.

Heather Hare helped the project with multiple administration tasks and provided invaluable assistance.

Thank you to all that helped and for the way that you worked and interacted with the new staff and client. Team Ni Pacolet Milliken is pleased to be a part of the ESG family.

TEAM OPELIKA



ESG AND CITY OF OPELIKA CELEBRATE 10-YEAR PARTNERSHIP



ESG/Team Opelika and the City of Opelika celebrated 10 years of partnership on November 1, 2015. Employees and City staff enjoyed a wonderful anniversary celebration where 20 employees were presented with their 10 year service award.

PUBLIC WORKS

The City of Opelika had a major rain storm and flooding event over the Christmas Holiday. ESG Operations, Inc. Team Opelika repaired a washout place on the side of Oakbowery Rd and repaired the road failure in the street itself.



NEW ASSOCIATES

- **Keith Abrams** — Public Works Crew Leader
- **David Brown** — Utility Technician
- **Ben Brown** — Auto Service Mechanic
- **Jermaine Burks** — Motor Vehicle Operator
- **Joseph Haywood** — Equipment Operator
- **Randall Jones** — Equipment Operator
- **Donovan Kyles** — Wastewater OIT
- **Gavin Nawrocki** — Assistant Project Manager

We welcome these new employees to Team Opelika and to the ESG family. We're glad to have you as a part of our team.

TEAM OPELIKA

CELEBRATING 10 YEARS OF SERVICE

Team Opelika employees celebrating 10 years of service:

- Corrina Akers**
- Roger Allen**
- Cory Askew**
- Derrick Askew**
- Byron Baker**
- Walter Baker**
- James Cotney**
- William Dawkins**
- Joe Dunn**
- Smith Gibson**
- Larry Granger**
- Aaron Grant**
- Michael Hilyer**
- Vernon Huddleston**
- Percy Marks**
- George Patterson**
- Rodney Thomas**
- Mickey Thompson**
- Calvin Wallace**
- Robert Webster**



Team Opelika Project Director **Mike Hilyer** and City of Opelika Mayor Gary Fuller attended the World of Concrete Conference.



Five Team Opelika employees recently attended Hazardous Materials Training and received certification.

- Cole Gedig**
- Rodney Thomas**
- Tad Van Wattering**
- David Petty**
- Chris Lee**

COMMUNITY INVOLVEMENT



Team Opelika welcomed students from Lee Scott Academy and gave them a tour of Opelika's Westside Wastewater Treatment Facility.



Where Georgia comes together.

TEAM PERRY

TEAM PERRY CELEBRATES EARTH WEEK 2016



Team Perry celebrated Earth Week in April by planting plants, shrubs and trees on the City's public education trail. One of the additions this year was a tribute to our Armed Forces. We added a flag and statue to honor all of our U.S. Military branches. We are very proud of this accomplishment as the entire trail is funded by donations, and ESG provides all the labor to maintain the trail all year.



WELLNESS NEWS



Team Perry sponsored a **wellness event** on April 8, 2016. We had 12 associates participate from Perry, Warner Robins and Corporate to play dodge ball. Every quarter Perry holds an event to promote wellness and encourage physical activity. Everyone had a blast, and even some children of ESG associates also participated!

TEAM PERRY RECOGNIZED WITH THREE INDUSTRY AWARDS

Team Perry was recently awarded a **Gold Award for Wastewater Collection**, a **Silver Award for Water Distribution**, and **Water Lab of the Year**



The City of Perry approved the upgrade of the old aeration basin. This basin will serve as a back-up so the current aeration basin can be taken off line for routine maintenance. The current aerator has been in service for 9 years.

NEW ASSOCIATES AT TEAM PERRY

Team Perry is proud to welcome the following team members to ESG:

Dillan Spell
Utility Worker
Kyle Holder
Utility Worker

NEW LICENSES AT TEAM PERRY

Kyle Powell—
Water Distribution System Operator license
Cory Hortman—
Water Distribution System Operator and Wastewater Class 3 licenses
Heath Jarriel—
Wastewater Class 2 and Water Class 2 licenses
Bryan Christy—
Wastewater Class 3 and Water Class 3 licenses and Backflow certification
Adam Goins—
Wastewater Class 3, Water Class 3 and Wastewater Lab Analyst licenses

RECENT PROMOTIONS

Ryan Bode
has been promoted to Project Manager
Travis Falcione has been promoted to Assistant Project Manager
Heath Jarriel has been promoted to Wastewater Operations Supervisor

TEAM ROCKDALE



ROCKDALE WATER RESOURCES



Team Rockdale Focuses on Capital Improvement Projects

The last 6 months have been very busy ones for the Rockdale County/ESG team. Major progress has been made on self-performed capital projects including these most recent projects:

- ▶ Completed process overhaul of UASB pretreatment system and reactor off-gas control system.
- ▶ Replaced a relatively small lift station (Rockbridge No 2).
- ▶ Completed about 60% of the renovation of the influent pump station at Quigg Branch (four suction side shut-off valves and two pumps rebuilt or replaced).

WELCOME TO TEAM ROCKDALE



JEFF ATKINSON



CHRIS JOHNSTON



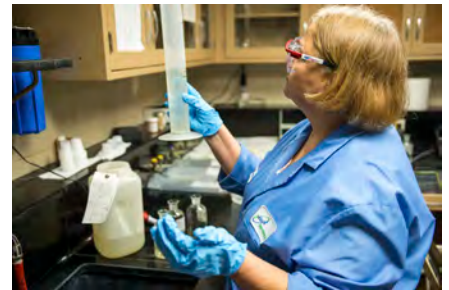
VINCE HALL



BRUCE TAYLOR

Team Rockdale welcomed four new Class 1 Wastewater Operators to our team including **Jeff Atkinson**, **Chris Johnston**, **Vince Hall** and **Bruce Taylor**.

CELEBRATING 10 YEARS OF DEDICATED SERVICE



ESG CO-FOUNDERS DAN GROSELLE (left) and CLAY SYKES (right) CONGRATULATE PAULA DOUGHTY ON 10 YEARS OF SERVICE.

Congratulations to **Paula Doughty** on her 10 years of service with ESG. Thank you, Paula, for your dedication and commitment.



PROJECT GOALS

Upcoming project goals include additional out-of-scope capital project delivery and assisting Rockdale County in locating and removing sources of excessive I/I.



ESG/Rockdale County

TEAM TIFTON



ALL DEPARTMENTS USED THEIR RESOURCES AND TALENTS TO COMPLETE THE MAIN STREET STREETScape PROJECT

Team Tifton Completes Streetscape Project for Tifton Main Street

The City of Tifton asked ESG to repair the trip hazards along the sidewalk south of Highway 82. ESG used this as an opportunity to enhance the curb appeal. Our Streetscape Project between Highway 82 and 3rd Street included brick detailing in the ground plain, planters, bulb-outs, and lighting. These details were also utilized in the extension south of Highway 82. Each department within ESG/Tifton assisted with the construction of the project; however, it was headed by our Streets Department. **Thilson Jackson, Jason King, Michael Cannady, Charles McHenry, Mike Milton, Jerry West, Brint Danforth, Reggie Troutman, Brady Blalock, Andrew Pate, Ronnie Hall, Semaj Graydon, Danny McLaren, Michael Mitchem,** and many others all lent their talents to complete this project.

WELLNESS NEWS

Tifton Associates Participate in Local Athletic Events

Several Team Tifton associates recently participated in two different athletic events in Tifton. *Run for Nurses* was held on April 2. This event included a 5k distance and a half marathon distance. The *Tour de Tifton* cycling event was held on April 16 with varying distances from 11 miles to 100 miles.



WESTOVER FIRE STATION

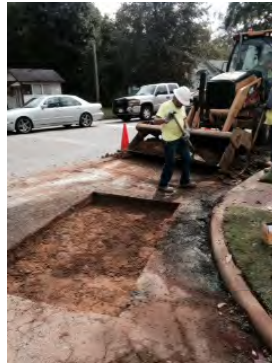
The Westover Fire Station was constructed several years ago for the City of Tifton Fire Department. Due to budget constraints the Fire Department's site planning and construction never took place and the facility sat empty for approximately three years. ESG Tifton was asked to finish the project in order to accommodate the upcoming move for the Fire Department. **John Sheperd** heads our engineering department and designed a layout/site plan which accommodates parking, drainage, and future amenities for the facility. **Thilson Jackson, Jason King, Michael Cannady, Benny Newbern, Charles McHenry, Mike Milton, Larry Johnson, Obie Griffin, Dexter Lampkin,** and **Adam Cobb** all assisted with construction of this project.



TEAM TIFTON

PUBLIC WORKS

ESG Facilitates Road Repairs and Improvements for the City of Tifton



 The City of Tifton asked ESG to facilitate road improvements for some of the City's roads that needed repair. Through the leadership of **John Sheperd**, Hall Avenue, Murray Avenue and Chestnut Avenue all received road repairs and improvements. ESG/Tifton contracted with East Coast Paving to complete the work. Thank you, Public Works department, for your continued work around the City.



NEW LICENSES AND CERTIFICATIONS

Congratulations to members of Team Tifton for outstanding professional achievement!

Matthew Davis — Water Class 2 License

Michael Mitchem — Ornamental & Turf Pesticide Control Certification

Joel Steverson — Wastewater Class 2 License

Michael Mitchem — Pesticide License

Charles McHenry — Wastewater Class 2 License

Michael Mitchem — Arborist Certification

Drew Godfrey — Wastewater Class 2 License

Randall Mathis — Water Class 3 License

William Arnold — Water Class 3 License

Curtis McCray — Wastewater Class 3 License

Johna Griggs — CDL

Tony Clark — GED

Charles McHenry — Ornamental & Turf Pesticide Control Certification

Jerry West — Certified Stormwater Inspector

James Henderson — Certified Stormwater Inspector

Reginald Pittman — CDL

CJ Schofill — CDL

Adam Cobb — Water Class 2 License

FLEET DEPARTMENT

Team Tifton Fleet Staff Implement Significant Improvements

ESG/Tifton has a full-time fleet staff responsible for maintaining the City of Tifton's fleet. **Bert Hutchinson**, **Art Ludden**, **Pablo Rodriguez**, and **Karen Kilpatrick** manage this tall task. While the Fleet Staff is continually servicing the City's fleet, they also recently made improvements to the work environment (with the assistance of **Danny McLaren**) through significant enhancements to the shop. Currently, half of the fleet shop has been updated which has led to an increase in efficiency and performance. Bert is looking forward to completing the updates and having each bay functional.



Left to right—Pablo Rodriguez • Bert Hutchinson • Danny McLaren

TEAM TUPELO

TUPELO

MISSISSIPPI'S "ALL AMERICA CITY"



Construction Completed on New Phosphorus Removal System

In the last issue of *The Clarifier* we shared that ESG/Tupelo was anticipating the completion of the new phosphorus removal system. We are happy to announce that construction has been completed. Photos above show the construction "in progress" along with our new facility.



Left to right: Christopher Holloway, Congressman Gregg Harper, Ray Manning



Christopher and Ray greet attendees at the ESG Booth at the Mississippi Rural Water Association Spring Training Conference

Several members of Team Tupelo including **Christopher Holloway** and **Ray Manning** attended the recent Mississippi Rural Water Association Spring Training Conference in Jackson, MS. **Darrel West** and **Don North** represented ESG among the exhibitors.



TEAM VIDALIA

VIDALIA'S SWIFT CREEK FACILITY HAS BACK-UP! (POWER THAT IS)

Vidalia's Swift Creek Wastewater Treatment Plant has operated many years without back-up power. In late 2014, the Vidalia City Council approved a budget to install a new back-up generator to replace the old unit. **Robbie Akins** and **Mark Durden Sr.** researched generator suppliers to narrow down the selection to Cummins Power South in Savannah. The old unit was a 1978 Cummins 1150 (18.8L) /Kohler 350kw generator that had been scavenged prior to ESG's service in Vidalia. Rehabilitating the unit would cost the City nearly \$30,000 with limited warranty. After an initial evaluation of the equipment on site, Cummins Power South put together a bid package for a **new** Cummins 543 (8.9L)/Cummins 250kw generator with automatic switch gear. The City approved the purchase of the new unit and the road to back-up power was paved! The old generator was sold and removed from the site. With help of **James O'Neal, Joe Brock, Jonathan Garrett, Alan Lundy, Mark Durden Sr.** and the **wastewater operations staff**, the old generator site was demolished and preparations for the new generator were completed. In preparation for the new generator set, Team Vidalia installed new conduits, concrete pad, and replaced the old main breakers and power leads in the plant. By the end of October 2015, Cummins Power set the new unit and Swift Creek had back-up power for the first time in more than 15 years. Since the new unit has been in service Mother Nature has called on it to supply back-up power on two occasions proving its worth very quickly.



WELLNESS ACTIVITIES



In February 2016, ESG/Vidalia formed a basketball team to help promote health and fitness. Every Thursday employees meet at the gym to participate in a two-hour basketball game. Team Vidalia is also evaluating forming a softball team to continue wellness and fitness during the summer months. Basketball has proven to be a great activity for wellness and has also benefitted our employees through team building.

PROMOTIONS AND NEW EMPLOYEES

- Mark Durden Jr.** has been promoted to Operations Supervisor
- RJ Williams** has been promoted to C&D Foreman
- Team Vidalia welcomes these new employees:**
- Wayne Guernsey**—Street Department
- Juan Castro**—Street Department
- Trenton Reese**—Street Department
- Paul Thompson**—Street Department
- Brandon Williams**—Meter Reading
- Joseph Hullender**—Wastewater



THANK YOU, CORNERSTONE CHILDREN'S CENTER

To express appreciation to ESG for the services it provides to the community, Cornerstone Children's Center presented ESG/Vidalia with a gift basket full of handmade "Thank You" cards and treats for employees to enjoy. In return, each Vidalia team member signed a thank you letter and sent it back to the three-and four-year-old children's class.

TEAM WAKULLA COUNTY



Team Wakulla Completes Hickory Park Lift Station Rehabilitation

The Hickory Park Lift Station is a major component of the Wakulla County Sewer Collection System. This large capacity lift station transmits a significant portion of the County's wastewater to the wastewater treatment plant (WWTP). The concrete structure of this lift station had been compromised by high levels of hydrogen sulfide. ESG/Wakulla staff developed a replacement program for Hickory Park that included insertion of a fiberglass wetwell into the existing wetwell and replacement of the pumps and control panel. The County solicited bids for the rehab of this lift station and a local contractor, Hydra Engineering and Construction, was the low bidder. This is a cost-effective approach that will minimize construction costs and bypass pumping time for the lift station.

Wakulla County Receives Grants to Expand Sewer System

Wakulla County has received several grants from the Northwest Florida Water Management District and the Florida Department of Environmental Protection. These grants will allow the sewer system to be expanded into three historic subdivisions, Magnolia Gardens, Greiners Addition, and Wakulla Gardens. This expansion will potentially add 4,000 new sewer customers. The grant is part of a Springs Watershed Protection initiative. The three subdivisions are all located within the Wakulla Springs watershed. Wakulla County has also received the final comments from the USDA regarding the wastewater treatment plant upgrades. Bids for construction for the WWTP are being advertised this spring. The plant upgrades include building two new 0.3 MGD trains and upgrading the existing plant to AWT standards. The County intends to dispose of most of the treated effluent at the golf course via a previously constructed public access reuse line. Construction is anticipated to take 18 months.



ESG'S MIKE KING WINS NATIONWIDE CONTEST SPONSORED BY SPI SAFETY MAGAZINE

ESG/Wakulla team member **Mike King** was the nationwide winner of the 'Share the Funny, Funny Safety Slogans' by *SPI Safety* magazine. Mike submitted the pirate themed, "Arrr You Wearing Safety Glasses?" Mike received a Yeti Hopper 30 cooler and a feature in *SPI Safety At Work* magazine. Like all close families, his Wakulla teammates took the shirts and other swag before he ever had a chance at them! Thanks for sharing the funny, Mike!

St. Joe's SummerCamp TALLAHASSEE



Irene Largent made monofilament fishing line receptacles to reduce injury to marine animals and birds at Summer Camp

WELCOME NEW ASSOCIATES

Dalton Rathel
Mechanic's Helper

Spencer Fleming
C & D Tech

Jason Thompson
Truck Driver/Operator

Ryan Williams
C & D Electrician



ESG/Wakulla Named 2015 Wakulla County Chamber of Commerce Green Business of the Year

ESG/Wakulla is the recipient of **The 2015 Wakulla County Chamber of Commerce Green Business of the Year**. The Team was honored for going above and beyond the call of duty in being good environmental stewards in the community through aggressive recycling and dedication to household hazardous waste recycling programs.

◆ Cleve Fleming, Wakulla Project Director, receives 2015 Green Business Award from Wakulla County Chamber of Commerce



TEAM WARNER ROBINS



ESG/Warner Robins Welcomes Local Students

ESG/Warner Robins recently welcomed a group of special education students from Bonaire Elementary School. **Jane Probadora** and **Layne Smith** conducted a water plant tour. We enjoyed hosting this special group!



Remodeled laboratory at ESG/Warner Robins

WELCOME NEW ASSOCIATES TO TEAM WARNER ROBINS

Mark Walker
Water Operator in Training
Layne Smith
Supervisor in Training

David Bellamy
CDL Driver
Devin Moon
Wastewater Operator in Training



Congratulations to Dustin Stark on receiving his Wastewater Collections license

RECENT STAFF ACHIEVEMENTS

- Jane Probadora**
- Water Operator Class 2 License
 - Promotion to Supervisor in Training
 - 2015 Employee of the Year
- Matthew Delp**
- Water Operator Class 3 License
- James Cupo**
- Water and Wastewater Lab Analyst License
- Dustin Stark**
- Wastewater Collections License

TEAM WAYCROSS



WELLNESS CENTER



Team Waycross Hosts Healthy Eating Presentation

At a recent safety meeting, Team Waycross enjoyed a presentation by **Kurtis Kling** on eating healthy and avoiding processed foods, especially those that may include MSG in them. Kurtis has a vast knowledge of chemicals and additives in food and is helping to educate our team on healthier eating. Waycross continues to utilize its Wellness Center with new updates to the bulletin board content.



TEAM ACHIEVEMENTS

- ESG/Waycross was awarded Platinum designation from the Georgia Association of Water Professionals (GAWP) for perfect compliance in water and wastewater treatment.
- ESG/Waycross generated a landmark amount of \$496,000 in leachate revenue for the City of Waycross.
- **Travis Yockachonis** has just completed the Sacramento Course and is preparing for the Water Distribution and Water Lab Analyst exams.

WELCOME

NEW ASSOCIATE

Welcome to Meter Reader **Jacob Henderson** who joined Team Waycross in December. We are glad to welcome Jacob to the ESG family.



TEAM WINDER

CREATING VALUE FOR OUR CLIENT

Recent Projects at ESG/Winder

Team Winder recently completed the first paving project utilizing the pavement management plan completed last year. All the streets in the City of Winder were cored to determine a pavement condition index rating (PCI rating) as well as determining if each street had adequate base.



Alexander Street, Lee Street, East Athens Street and John Bowen Way were all found to have very little base underneath the existing pavement. Repaving the streets without establishing a solid base would result in a very short life cycle of the pavement. In order to establish a solid base, the team used a process call Full Depth Reclamation (FDR), which is a rehabilitation technique in which the full thickness of the asphalt pavement and a predetermined portion of the underlying materials (base) is uniformly pulverized and blended with cement to provide a stronger, homogeneous material. There is no need to haul in aggregate or haul out old material for disposal. Truck traffic is reduced and there is little or no waste. A surface consisting of a thin bituminous chip seal, hot-mix asphalt or concrete completes the road. The recycled base will be stronger, more uniform, and more moisture resistant than the original base, resulting in a long, low-maintenance life. And most importantly, due to recycling the old pavement into the newly established base, the cost is normally at least 25 to 50 percent less than the removal and replacement of the old pavement.

IN-SOURCING PROJECTS

STORMWATER DEPARTMENT replaced a corroded 30-inch corrugated metal stormwater pipe (CMP) with 50 feet of reinforced concrete pipe (RCP) along with a new precast concrete headwall.

WASTEWATER COLLECTIONS, in partnership with Perma-Liner Industries, installed a cured-in-place pipe (CIPP) which uses a trenchless technology, meaning that CIPP does not require excavation to rehabilitate a pipeline that is either leaking or structurally compromised.

SEWER COLLECTION DEPARTMENT has collected data for over 85% of the sewer manholes. The staff is now integrating data with our CMMS to better manage and document both preventative and corrective maintenance.

PROMOTIONS AND NEW EMPLOYEES



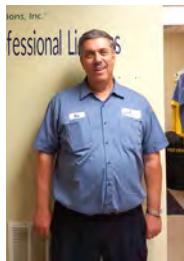
Steve Carlan



James Waldron



Josh Allison



Dan Patton



Bridgette Williams

Steve Carlan has been promoted to Water Plant Manager

James Waldron — Project Manager in Training

Ronald (Tex) Carver — Wastewater Operator

Josh Allison — Crew Leader in the Stormwater and Collections Department

Dan Patton — Water Operator

Bridgette Williams — Administrative Assistant



Team Winder has recently added several new team members in the Public Works Department. We welcome these new ESG associates!

NEW LICENSES

Logan Reynolds

Class 3 Wastewater

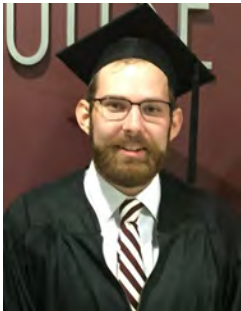
James Waldron

Class 3 Wastewater

FAMILY NEWS

BY PROJECT LOCATIONS

CORPORATE



Jordan Sykes, son of ESG co-founder **Clay Sykes** and his wife Lisa, received a Bachelor of Science in Civil Engineering degree from Mississippi State University.



Mary Cole Geeslin, daughter of Executive Administrator **DeeAnn Geeslin**, received a Bachelor of Science degree from Armstrong State University in Savannah on May 7.

AUGUSTA

Congratulations to **Stephawn Jennings** and his wife, Jacquetta, on the birth of their daughter, Grace.

COMMERCE

Krista Kight, daughter of Project Manager **John Kight**, made the Dean's list at Georgia Southern University for the Fall 2015 semester. Krista is a sophomore majoring in Sports Management.

Water Operator **Linton Cummings** was married in October 2015.

DOUGLAS

Congratulations to **James "Cap" Daniels** for being selected Volunteer Firefighter of the Year with the Douglas Fire Department.

FORSYTH COUNTY

ESG would like to extend its deepest

sympathy to **Christine Calderon** on the passing of her father, Arthur Calderon, on December 9, 2015.



ESG Project Manager **Percy Nolan** and his wife welcomed a new daughter, Catherine Eleanor Nolan, on December 23, 2015. Congratulations Percy!

LOCKHEED MARTIN

Angel Shepard's boyfriend, Thomas Shiver Jr., received his Associate of Science in Nursing Degree from Abraham Baldwin Agricultural College in December.



MOULTRIE

Sandy Knighton, Moultrie's C&D Supervisor, is involved with a project titled "Boys to Men." He, along with two others, has started a project to combat gang violence in the youth of the Moultrie area. Their goal is to mentor children towards positive activities rather than getting involved with gangs. They are seeking positive mentors and role models to assist their cause.

PERRY



Darryl Baily welcomed a new baby girl in February.

Brandon West welcomed a new baby girl in January.

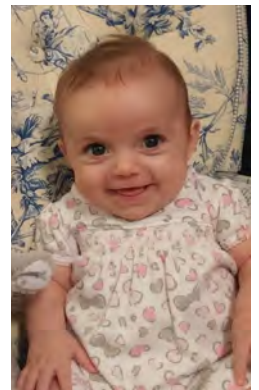


Brandon West and daughter

Travis Falcione welcomed a new baby girl in October.



Adam Goins welcomed a new baby girl in October.



PLEASE SHARE YOUR FAMILY NEWS REGARDING BIRTHS, DEATHS, RECENT ACCOMPLISHMENTS, ETC. WITH YOUR PROJECT MANAGER SO THAT WE CAN SHARE THIS NEWS WITH THE ESG FAMILY IN THE NEXT ISSUE OF *The Clarifier*

ONE TEAM

TIFTON

Chanel Houle and his wife, Ginger, are the proud parents of Chanel Jean-Paul Houle born on October 30, 2015.



Donna Pate's daughter, Jessica Rowland, married Robert Hanes on Saturday March 12, 2016 in St. Simons Island.

Tami Barrett received her Associates Degree in Business Administration with a focus in Accounting.

Tony Clark received his GED.

TUPELO

Ray Manning and his wife, Melonie, welcome new son, Ezra, on December 5, 2015.



WAKULLA COUNTY

Road Supervisor, **Bubba Dempsey**, stepped up to the plate when a local school was in need of a baseball coach for a new program. We are cheering for the Wakulla Christian Saints to "go marching in!"

WARNER ROBINS



Sydney Joann Greathouse, granddaughter of **Nanette Holder**, was born on November 5, 2015.



Area Manager **Sharon Kelly** has a new grandson, Luke Likendey, born on October 23, 2015.



TEAM WINDER — Proudly serving the City of Winder



Water Manager **Joe Gibson** welcomed grandson, Dean Andrew Gibson, on February 11, 2016.



Wastewater Operations Supervisor **Dusty McCallum** and his wife Lindsey celebrated the birth of their daughter, Collins McCallum, in April.



Wastewater Operator **Jonathan Crenshaw** welcome baby girl Madison Crenshaw in April.

WAYCROSS



Larry Yockachonis welcomed granddaughter Lily Elizabeth on January 5.

City Engineer **Jessica Deal** gave birth to her daughter Lilla Grace on December 28.



Wayne Crawford became first time grandfather to Harley Amantha Crawford on March 14.



PROJECT LOCATIONS

ESG proudly serves these municipalities across the Southeast

AUGUSTA

1820 Doug Bernard Parkway
Augusta, GA 30906
706-829-7766

BARNESVILLE

706 Gordon Road
Barnesville, GA 30204
770-358-0314

COMMERCE

265 Water Plant Road
Commerce, GA 30529
706-335-6330

DOUGLAS

320 South Pearl Avenue
Douglas, GA 31533
912-389-3425

FORSYTH COUNTY

2255 Antioch Road
Cumming, GA 30040
678-513-6900

LOCKHEED MARTIN

86 S. Cobb Drive, S.E.
Marietta, GA 30063
770-494-4411

MACON—Corporate Office

6400 Peake Road
Macon, GA 31210
478-474-5025

MOULTRIE

2701 1st Avenue, S.E.
Moultrie, GA 31776
229-668-6000

NI PACOLET MILLIKEN, LLC

Columbia, SC

OPELIKA

700 Fox Trail
Opelika, AL 36801
334-705-5413

PERRY

108 Frank Satterfield Road
Perry, GA 31069
478-988-2877

ROCKDALE COUNTY

2440 Tatum Road
Conyers, GA 30013
770-918-6572

ST. JOE'S SUMMER CAMP

3251 Hemingway Boulevard
Tallahassee, FL 32311
850-402-5148

TIFTON

204 North Ridge Avenue
Tifton, GA 31794
912-281-4186

TUPELO

2062 International Boulevard
Tupelo, MS 38804
662-844-8121

VIDALIA

111 Brinson Road
Vidalia, GA 30474
912-537-7029

WAKULLA COUNTY

340 Trice Lane
Crawfordville, FL 32327
850-926-7616

WARNER ROBINS

250 Industrial Park Boulevard
Warner Robins, GA 31088
478-328-4400

WAYCROSS

512 Alice Street
Waycross, GA 31501
912-287-2940

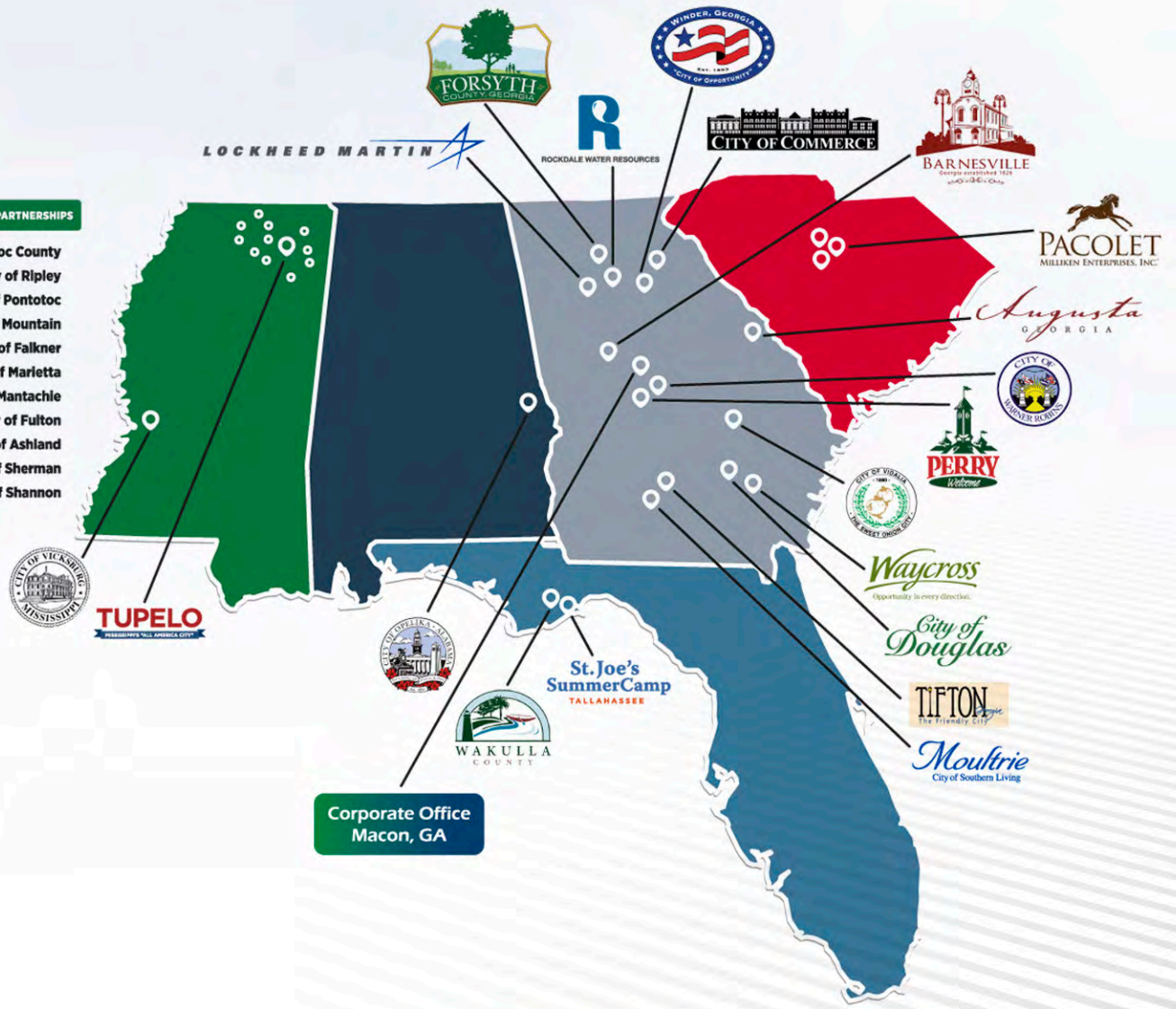
WINDER

431 Miles Patrick Road
Winder, GA 30680
770-868-0863



MISSISSIPPI PARTNERSHIPS

- Pontotoc County
- City of Ripley
- City of Pontotoc
- City of Blue Mountain
- City of Falkner
- City of Marietta
- Town of Mantachie
- City of Fulton
- Town of Ashland
- Town of Sherman
- City of Shannon



**ONE
TEAM**



Fast Facts

HEADQUARTERS

Macon, Georgia

NUMBER OF EMPLOYEES

600

PROJECT LOCATIONS

20 offices across
the Southeast

SERVICES

Water and Wastewater
Management
Public Works Management
Design-Build-Operate

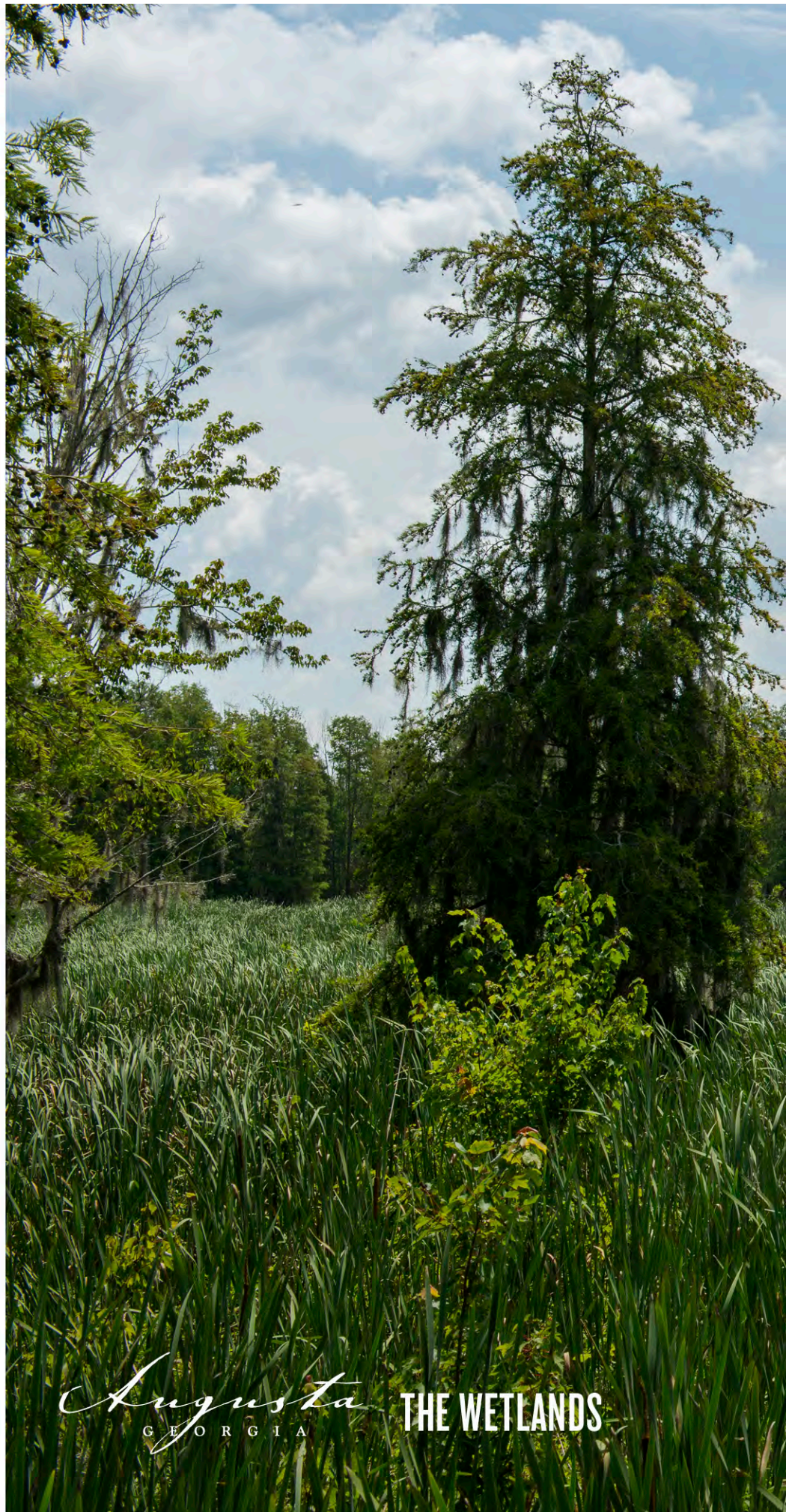
HISTORY

Established in 2003
by co-founders,
Clay Sykes and Dan Groselle,
who set out to build a premier
utility operations company
based on the simple principle,
“People deliver services,
not companies.”

**What we do is not unusual.
The way we do it is.**



Partnering to Meet the Demands of Today
and the Challenges of Tomorrow



Augusta THE WETLANDS
G E O R G I A