DISCOVER DEQ
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY NEWSLETTER

January 2021 Issue Number: 108

What's Inside?

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LDEQ receives 2020 EPA Clean Air Excellence Award in the Community Action category

On Jan. 12, the Louisiana Department of Environmental Quality (LDEQ) received the 2020 U.S. Environmental Protection Agency (EPA) Clean Air Excellence Award in the Community Action category for LDEQ's Temporary Located Community (TLC) Ambient Air Monitoring Program. The EPA Clean Air Excellence Awards Program periodically recognizes and honors outstanding innovative efforts to help make progress in achieving cleaner air. LDEQ's TLC Air Monitor Program exemplifies the agency's efforts in this undertaking.

The LDEQ has been working to promote environmental justice in Louisiana for almost 30 years. The LDEQ began fostering relationships with underserved communities by bringing assistance via the TLC Ambient Air Monitoring Program. This program has allowed LDEQ to expand its outreach to under-served communities and to respond meaningfully and effectively to their concerns.

LDEQ Secretary Dr. Chuck Carr Brown meets with community representatives a temporary located community ambient air monitoring site.

"When I took the position of Secretary over five years ago, I created the acronym E.E.A.T.: Environmental Education, Access to decision makers, and Trust in the decisions that are made. Each of these values is at work in the Temporary Located Community Ambient Air Monitoring Program," LDEQ Secretary Dr. Chuck Carr Brown said.

"Out of this and my desire to find a way to best serve our constituents, I ordered the two newest MAMLs to advance our air monitoring capabilities. We already had multiple stationary air monitors throughout the state, but we were also able to add temporary monitoring stations in distressed areas through the TLC Ambient Air Monitoring Program. Now we see some of our temporary locations turning into stationary sites, and it's a good problem to have. These transitions highlight that our efforts in these areas were not futile but the start of a long-term solution," Brown said.

TLC Air Monitors collect ambient air quality data in neighborhoods using EPA approved methods and protocols for at least one year. The data is collected and

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relayed to LDEQ's website, ***https://airquality.deq.louisiana.gov/Data***, providing real-time data on the extent of outdoor pollution and air quality pollution trends of certain regulated pollutants.

Today, LDEQ collects data in three neighborhood locations, including St. Rose, Marrero and Waggaman. Community partners assist in determining which pollutants to monitor for and the site location. The Louisiana Department of Health (LDH) partners through their Environmental Public Health Tracking (EPHT), which further publicizes the data and educates the community concerning health risks.

LDEQ also deploys the Mobile Air Monitoring Lab (MAML) to support the TLC Air Monitoring Program. The MAML and TLC Air Monitors also serve as an educational opportunity for LDEQ to invite the public to tour the resources being dedicated to their community.

LDEQ regularly meets with various community groups as it conducts its business of environmental stewardship. These locally led, community-driven solutions help to improve environmental protection and have become a key component in LDEQ's mission to protect human health and the environment in Louisiana.

Learn more about LDEQ's TLC Ambient Air Monitoring Program at ***https://deq.louisiana.gov/page/tlc-air-monitoring***.

EDMS redesign sneak peek

In recent months, LDEQ has been working on a redesign to improve the EDMS, or Electronic Data Management System, to one that will be more user friendly. The new design will provide an easier, more efficient way for the public to search and obtain information.

We invite you to watch this short 2-minute video for a sneak peek of the EDMS redesign. Highlighted in the video are new screens and features, and you will get an idea of what to expect when EDMS goes live in June 2021. If you have any questions or comments, send an email to ***edmsquestions@la.gov***. Enjoy!

https://youtu.be/Zh4Yzw8S7rQ

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Message from the Secretary

Chuck Carr Brown, Ph.D.

Dr Chuck Carr Brown

When a new president takes office, it can mean big changes at federal agencies based on whether or not there is a shift in political party. Those changes can be philosophical – a tougher stance on some policy issue or rethinking of a regulatory scheme. The most obvious change, however, is in the office of the agency director. A new name will be on the door.

That's true at EPA, the agency with which LDEQ works most closely. And with such a new EPA director comes change at each of the EPA Regional Offices. When I first took over as secretary of LDEQ, Ron Curry was the Region 6 Administrator. Gina McCarthy was President Obama's EPA Director. I enjoyed a good working relationship with Administrator Curry. After the next election, Ron Curry left, and there was an interim director, Sam Coleman. All of us at LDEQ enjoyed a good working relationship with Sam. Then Sam left, and Ann Idsall became Region 6 Administrator. She was a young Texas lawyer with a lot of drive and enthusiasm. She was well-liked and worked well with everyone at LDEQ.

She was talented enough to get promoted, and that left Region 6 in the hands of another interim administrator, David Gray. He has been at EPA for a long time and was a familiar face for many folks at LDEQ. He already had a good working relationship with us, and that continued. Soon, yet another Region 6 Administrator was appointed, Ken McQueen. We didn't work with Administrator McQueen long. He left after President Trump lost the election, but Administrator McQueen proved a good partner who was responsive to LDEQ's needs and requests.
Now we're going to have a new EPA director and someone new at Region 6. In the meantime, we have another interim administrator at Region 6: David Gray.

So since I have been secretary, I have worked with five regional administrators, six if you count David Gray twice. My point in all this is that we work well with whoever is leading EPA. We have all the same concerns and goals. We want to make the environment cleaner and healthier. That has stayed the same through all those RAs. It will stay the same with the next one I work with. I am confident of that, and you can be too.

Most of you are aware that we had a bit of a Covid event on the 10th floor that affected me and several members of the executive staff. These small spikes will happen if we let down our guards. We have to keep wearing our masks, keep washing our hands and maintain proper social distancing.

We do have some vaccines for COVID-19 now and more promised. The pace of immunizations has been a challenge. Just hang on, and we will all cross the finish line soon. Every person who gets the vaccine is one less host for the virus, one less spreader of the virus and, most importantly, one less victim of the virus.

I wish I could say we are going to go on as normal. I can't. We have to make concessions to this virus. So I am sorry to say we won't be doing any service award ceremony for now. Maybe a few months down the road, we can do something special for those who were not recognized because of the restriction on large gatherings. For now, know that you are appreciated as much as ever.

Keep safe. Watch out for each other. Be mindful of Covid. Keep up the good work.

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"Do you know what color your air is?" LDEQ, EPA and EnviroFlash can help

As we begin 2021, it is important to be aware of the air quality and how it impacts our lives and the environment. Louisiana's air quality has shown steady improvement and currently the entire state is in attainment for ozone and fine particulate matter (PM2.5). However, continuing improvement is a goal to protect human health and the environment, the LDEQ mission. Air quality affects how you live and breathe. Like the weather, it can change from day to day, or even hour to hour. Up-to-date information allows you to make decisions based on air quality.

You may wonder how you can know what the air quality will be like. LDEQ and EPA have partnered to provide EnviroFlash (***www.enviroflash.info***), an e-mail alert system that delivers air quality information straight to your inbox. Subscribers sign up, fill in their e-mail address and ZIP code and receive color-coded alerts about their local air quality. They can choose to receive messages on a daily basis or only when the Air Quality Index reaches unhealthy levels.

"This is an easy, user-friendly way for people in Louisiana to keep track of air quality in their area. The more informed you are, the better able you are to understand changing air quality conditions. I hope all of our stakeholders will take advantage of this resource," LDEQ Secretary Dr. Chuck Carr Brown said.

It is easy to sign up for this valuable tool. Go to ***www.deq.louisiana.gov/page/enviroflash*** or ***www.enviroflash.info***. After signing up for the system, users will receive alerts color-coded to corresponding health levels. Green days, for example, are healthy days with good air quality. Red days are unhealthy and everyone -- especially those with certain health issues -- should modify their outdoor activities and take it easy.

Everyone can be more proactive about protecting our air and EnviroFlash helps communities stay better informed so they can prepare for days when the air quality may be unhealthy. Most of the time pollution levels do not impact our daily lives. At other times, certain pollutants reach unhealthy levels and put many at risk. That's why EnviroFlash is so important. Another important feature is that EnviroFlash can deliver messages to you about unusual circumstances in your area that impact the air quality like fire and other events.

LDEQ has real time air quality date on the LDEQ website. Go to ***https://airquality.deq.louisiana.gov*** for forecasts, current air quality information, to sign up for notifications and more. Another source for air quality information is AirNow at ***www.airnow.gov***.

ENVIROFLASH FACT SHEET

What is EnviroFlash?

EnviroFlash is a system that sends e-mails about your daily air quality forecast.
The message is the same air quality information that the local radio or television stations provide, plus suggested safety measures when levels are unhealthy. This service is provided by your state or local environmental agency and the US Environmental Protection Agency.

Why is EnviroFlash important?

Exposure to high levels of air pollution can aggravate heart disease, asthma and other respiratory diseases. By being aware of the air quality levels, you can take precautions to protect your family.

How does EnviroFlash work?

Air quality monitors located all over the United States take in information that is used to calculate the current Air Quality Index value. State and local environmental agencies then issue air quality forecasts based on measured air quality and weather information. The forecast is then provided to local radio and television stations, posted online and sent out through EnviroFlash.

For additional information or to sign up, visit:

www.enviroflash.info

What is the Air Quality Index?

Good 0-50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate 51-100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups 101-150	Members of sensitive groups* may experience health effects. The general public is not likely to be affected.
Unhealthy 151-200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy 201-300	Health alert: everyone may experience more serious health effects.
Hazardous 301-500	Health warnings of emergency conditions. The entire population is more than likely to be affected.

* Sensitive groups include active adults, people with heart or lung disease (including asthma), older adults and children.

EnviroFlash
Your Environmental News Flash

Office of Air Quality Planning and Standards EPA-456-F-07-003

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LDEQ 2020 Service Award Recipients

An organization or agency is only as good as the people it consists of, and fortunately, LDEQ is made up of some of the best out there. Each fall, the department holds a ceremony to acknowledge the commitment of LDEQ employees and to recognize their years of service. Unfortunately, the ceremony was unable to take place due to COVID-19. These circumstances, however, did not diminish the level of appreciation due to those who celebrated a work anniversary in 2020. As a matter of fact, they only amplified their commitment and hard work.

COVID-19 has changed the landscape of the workplace and what a work day looks like for us all, and LDEQ's employees have not only risen to the challenge but far exceeded expectations. On top of a global health pandemic, the department also navigated a brutal hurricane season. The hurdles 2020 presented were plentiful, but even they were no match for the hard work, dedication and expertise of LDEQ's employees.

On behalf of everyone at LDEQ, the executive staff wishes to offer our congratulations for the significant work anniversary that you celebrated in 2020. We know that our growth and success is dependent on having devoted and capable team members such as you, and we want to recognize the contributions you have made in helping us succeed in our mission.

OSEC = Office of the Secretary
OMF = Office of Management and Finance
OEC = Office of Environmental Compliance
OEA = Office of Environmental Assessment
OES = Office of Environmental Services
SERO = Southeast Regional Office
SWRO = Southwest Regional Office
NERO = Northeast Regional Office
NWRO = Northwest Regional Office
ARO = Acadiana Regional Office
CRO = Capital Regional Office

Thank you, not just for your hard work in the last year but the MANY, MANY years of service you've provided LDEQ and the state of Louisiana. This agency would be nothing without each of you.

- LDEQ Secretary Dr. Chuck Carr Brown

LDEQ 2020 Service Award Recipients

(In recognition of milestone anniversaries that occurred July 1, 2019 - June 30, 2020)

35 Years

Wayne Desselle	OEC, SERO
Mona Miller	OES, Permit Support / Permit Support & Lelap

30 Years

Edwin Akujobi	OEA, Remediation Group 3
Lewis Donlon	OES, Waste Permits / Admin
James Fontenot	OEA, Air Field Services / Air Planning
Mary Gentry	OEA, Water Plan / Nonpoint Source Aquifer Protection
James Guilliams	OES, Water Permits / Admin
Kelli Hamilton	OES, Industrial Permits / Water Permits
Albert Hindrichs	OEA, Water Planning / Admin
Lourdes Iturralde	OSEC, Executive / Environmental Compliance
Verretta Johnson	OEA, Underground Storage Tank Group 1

30 Years *(Continued)*

Bennett Juneau	OEC, NWRO
Bridget Lions	OEA, Underground Storage Tank Group 1
Marian Mergist	OSEC, Executive
Zoila Osteicoechea	OEC, SERO
Laurie Peacock	OEA, Remediation Group 2
Karen Price	OEC, Admin / Surveillance
Bijan Sharafkhani	OSEC, Executive
Manuel Silva	OEA, Remediation / Admin
Tammy Jo Street	OEC, Admin / Surveillance
Heather Toney	OEC, Admin / Surveillance

25 Years

Melanie Bauder	OEC, Emergency & Radiological Services Radiation
Celena Cage	OEC, Admin / Enforcement
Minta Canelas	OES, Water Permits / Admin

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25 Years *(Continued)*

Kimberly Corts	OES, General Permits / Water Permits
William Kemp	OMF, Financial / Motor Fuel Trust
Jianzhong Liu	OEA, Air Planning / Admin
Keri Meyers	OEC, Emergency and Radiological Services, Emergency Response
Tara Nixon	OEA, Water Planning / Admin
Jana Orillion	OEA, Air Field Services / Air Planning
Judith Schuerman	OEC, Emergency and Radiological Services, Admin
John Sheehan	OEA, Water Planning / Admin

20 Years

Ananthakrishnan Gunasekaran	OEC, Admin / Enforcement
Joel Harris	OEA, Air Field Services / Air Planning
Glen Jenkins	OEC, Emergency and Radiological Services, Emergency Response
Robert Kingham	OSEC, Lega l /Criminal Investigations
Phillip Marsala	OEC, Emergency and Radiological Services, Emergency Response
Sunshine McManus	OES, Permit Support / Permit Support & Lelap
Cy Morin	OSEC, Audit Services Section
Carla Pitcher	OEC, Permit Compliance / Enforcement
Suzanne Rohli	OES, General Permits / Water Permits
Carl Schwartzenburg	OEC, ARO
Cuihong Tao	OEA, Air Field Services / Air Planning
Terry Thomas	OMF, Support Services Division
Kimberly Winters	OEA, Air Field Services / Air Planning

15 Years

Jennifer Bounds	OEA, Underground Storage Tank Group 2
Natresha Duncan	OEA, Water Planning / Admin
Laverne Foster	OEC, SERO
Anne Fulton	OMF, Financial /Accounts Receivables
Shondet Garner	OEA, Remediation / Admin
Marcie Kimball	OES, Permit Support / Permit Support & Lelap
Anthony Randall	OES, Air / Petrochemical
Christine Thurman	OES, Air Analysis / Air Planning
Lacey Vitteri	OMF, Financial /Accounts Payable & Budget
April Wallace	OEC, CRO
Alicia Walsh	OES, General Permits / Water Permits
Jinghua Wei	OEC, Permit Compliance / Enforcement

10 Years

Keith Bates	OSEC, Legal / Criminal Investigations
Jennifer Boudreaux	OEC, Waste Enforcement
Michael Compton	OSEC, Legal / Criminal Investigations
Kendra Harmason-Butler	OEA, Remediation Group 3
Douglas McCurry	OES, Air / Petrochemical
Lorna Putnam-Duhon	OES, General Permits / Water Permits
Faith Stephens	OSEC, Outreach & Small Business Assistance
Brandon Williams	OSEC, Admin / Legal Services

5 Years

Cynthia Arrison	OEC, Waste Enforcement
Evan Bordes	OMF, Support / General Services
Mykenz Brown	OES, Waste / Waste Services
Jared Champagne	OMF, Human Resources
Daniel Cristina	OEC, SERO
Theresa Delafosse	OMF, Admin / Financial Services
William Felicien	OEA, Air Field Services / Air Planning
Charles Finley	OES, Permit Support / Notification & Accreditation
Nicole Hall	OEA, Remediation Group 1
Destin Hooks	OEA, Remediation Group 3
Ashley Hurst	OES, Air / Manufacturing
Karen Latuso	OEA, Water Standards & Assessment / Water Plan
Rhondalette Mack	OMF, Admin / Financial Services
James Mangum	OEC, SERO
Mallorey Milner	OEC, NERO
Tonya Mizell	OES, Industrial Permits / Water Permits
Pascal Ojong	OEC, CRO
Sarah Pierce	OMF, Human Resources
Aimee Preau	OEA, Water Plan / Nonpoint Source Aquifer Protection
Jane Ramey	OEA, Underground Storage Tank Group 1
John Richardson	OEA, Air Field Services / Air Planning
Brandon Saunier	OEC, SERO
Melissa Sherman	OEC, Water Enforcement
Stephen Sinitiere	OEA, Underground Storage Tank Group 2
Matthew Spicuzza	OEA, Underground Storage Tank Group 1
Darius Tammami	OES, Waste / Waste Services
Zheng Xu	OEA, Water Clean Water State Revolving Fund & Total Daily Maximum Load
Hillary Young	OEC, ARO

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Louisiana Clean Fuels Annual Reporting begins

Each year, Louisiana Clean Fuels reaches out to fleets like yours in our territory who use alternative fuels, operate an alternative fuels station, or have worked toward the implementation of fuel-saving measures throughout the year. The information we gather is used to compile our Annual Report, which gives us insight into how our stakeholders use alternative fuels and reduce emissions.

In 2020, did you...

- Purchase or operate Propane, CNG, LNG, Electric or PHEV vehicles?
- Use Biodiesel, RNG or other renewable alternative fuel in your vehicles?
- Start or continue an idle reduction program?
- Add aerodynamics to your vehicles?
- Shorten your routes to save fuel?
- Replace an older vehicle with a smaller or more fuel-efficient vehicle?

*All data submitted will be confidential and only reported on in aggregate with data from fleets across our territory.

https://louisianacleanfuels.org/blog/id/454

Want to learn more about the Report?

View our informational webinar on the Annual Report, where we go through the information we're asking for, explain the different ways you can submit your fleet information, explain how we use the information, and answer questions.

https://www.youtube.com/watch?v=gbGeGQ_J5os&t=2s&ab_channel=LouisianaCleanFuels

LCF Annual Stakeholder Meeting

February 10, 2021 I 11:00 AM - 1:00 PM CST

In this webinar, we will take a look forward to new technologies and programs that will shape the future of transportation and back at our accomplishments in 2020. We will also share information about upcoming funding opportunities, provide a legislative update, and present our programmatic goals for 2021.

Register here: ***https://us02web.zoom.us/webinar/register/WN_BkKm8Dq9Q8G0dwXXImJh0g***

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Black Soldier Flies convert food waste into compost through digestion

Brits demonstrates the effectiveness of a laying tube where up to 18,000 flies at any one time will lay their eggs on tubes inside mesh tents during the early stages of the process.

Black soldier fly larvae initially consume a special diet to cleanse and prepare their digestive systems before the food waste is introduced.

Food waste from the dining halls is collected twice a week and placed in 30-gallon barrels. Around 17 pounds of food waste is soon mixed with about a pound of black soldier fly larvae to begin the breakdown process.

Sustainability is a far-ranging topic that generally relates to recycling, repurposing and reusing in order to keep waste from unnecessarily causing a negative environmental impact. But a significant part of that includes various natural means by which nature can be tapped to do a job that turns out to be an unsung win-win.

An example of this can be found in a pilot project being run through LSU with a partnership through Fluker Farms in Port Allen. The project takes on an interesting spin when it comes to sustainability – and it's through the use of insects. The project is a food waste composting program driven by the black soldier fly, an insect native to the Pelican State.

Devon Brits, a Ph.D. student and research associate from South Africa with a master's degree in entomology, has been working on the project for about seven years, three of those in Louisiana. Brits serves as a liaison between LSU Entomology, LSU's Campus Sustainability and Fluker Farms under a joint venture known as Soldier Fly Technologies (SFT). As research director for SFT, Brits conducts experimental activities that focus on larval development, insect physiology and behavioral patterns – all designed to seek alternative, ecologically beneficial approaches that promote waste reduction through biotechnology and entomological means.

In continuous operation since 1953, Fluker Farms began as a fish bait processor and retailer of crickets for fishermen. Since then, the business has delved into environmental research areas, with their latest endeavor being the formation of SFT in 2018. In January 2019, food waste collection began, using black soldier flies to process food waste from four of LSU's dining facilities at Baton Rouge's main campus.

Rather than disposing of post-consumer food waste by having the waste thrown directly into the trash, about a ton of food waste per week is brought from the dining halls to a greenhouse at Fluker Farms where the black soldier fly larvae are paired with the waste, which the larvae consume. As biomass forms through the digestive process, the resulting compost is then sent back to LSU for use by their landscape department to revitalize campus green spaces, adding those rich nutrients and carbohydrates to the soil. Meanwhile, the larvae (also known as "maggots") are sold to reptile owners for use as a supplemental feed and source of protein and calcium for the reptiles.

In addition to waste management and fertilizer use, products produced through this natural process include protein meal and lipids, which can be used to coat feeds for increased shelf life and as biodiesels, as well as household detergents and soap. Chitin is also produced for use in military applications, cement additives, micro-molecule use and as a chitinase enzyme (which generate nitrogen and carbon in the ecosystem).

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All told, the program is one of efficiency and makes use of the recycling tier of the waste management hierarchy through the recycling of food waste, completing a closed-loop, self-sustaining system. The process is a calculated one, however, and it's important to ensure that the larvae's digestive systems are prepared to do the job effectively. Larvae are initially placed on a grain-based diet (specifically for insects) made by Purina. After 6 or 7 days, the larvae are ready to begin processing food waste, and about 1-2 tons of food waste is processed each week.

While their initial size is only around the head of a pin, the larvae will rapidly transform and metamorphose into a fully formed black soldier fly, growing up to an inch in their two-week life span. Not to be confused with your common annoying house fly, the black soldier fly is actually far more passive, serving an essential, beneficial role in the environment as very effective decomposers of organic waste, which in turn helps air quality. "The black soldier fly is actually 30 percent more efficient than other composters when it comes to reducing greenhouse gases," Brits elaborated.

According to research conducted by SFT, the United States alone produces 430 billion pounds of food per year, with approximately 133 billion pounds of that (30%) going uneaten. This waste often winds up in landfills, where it decomposes and produces harmful greenhouse gases.

"Globally, at least 1.3 billion tons of food is wasted each year, so our mission is to at least recapture a fraction of that and expand the program across the country," Brits said. "A ton of waste produces a million tons of CO2, so reducing greenhouse gases is another added benefit to food waste collection."

While 30 tons of food waste have been diverted since the project commenced, the COVID-19 pandemic briefly slowed the momentum as classes at LSU were initially put on hold. Last September, however, Brits and his colleagues were back on track, hoping to expand their reach by bringing in additional food waste from the Student Union, Greek houses and possibly Tiger Stadium. In doing so, Brits plans to have the operation in full vigor by mid-2022.

The success of the program prompted the team to reach out to other campuses across the country with the hopes of sharing resources and methodologies that would replicate the process and expand it nationwide. While discussions are currently underway, the University of Illinois at Chicago is already onboard and undertaking a black soldier fly program similar to SFT's model.

A separation machine used at the end of the process will sift out the processed waste to ensure that the final product is free of any unprocessed material.

After sifting, the processed organic peat is inspected and packaged into containers for retail, where it will ultimately see a beneficial environmental use, bringing the process full circle.

The black soldier fly grows to about an inch in length and is not a pest to humans, unlike the common household fly.

A Louisiana Department of Environmental Quality Environmental Leadership Award winner in 2019, the project has been a success. The objective is to help LSU meet at least 75% in waste reduction by 2030 – waste that would otherwise needlessly find its way into landfills.

"Our goal is to reach at least 50 to 75 tons of waste processed this year," Brits said.

For more information on the program and soldier fly technologies, contact Devon Brits at ***dbrits@agcenter.lsu.edu*** and visit ***www.soldierfly.com***. For information on the work begin done at Fluker Farms, visit ***https://flukerfarms.com***.

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Who's Who At LDEQ?

April Wallace – Environmental Scientist Supervisor, Surveillance Division, Office of Environmental Compliance

Wallace earned a Bachelor of Science in chemistry from Grambling State University in May 1999. She joined LDEQ as an environmental scientist in the Surveillance Division, Office of Environmental Compliance, in 2002. After working at the agency for four years, Wallace left to pursue a passion in the teaching profession. She returned to LDEQ in July 2009 as an environmental scientist in the Surveillance Division.

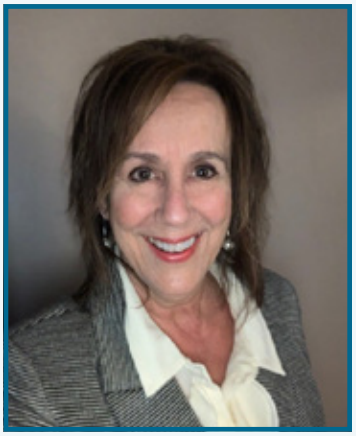
Wallace is a native of Baton Rouge. She enjoys spending time with family/friends and doing organizational projects.

Faith A. Stephens - Environmental Scientist Supervisor, Outreach/Small Business Assistance, Office of the Secretary, Northeast Regional Office

Stephens earned a Bachelor of Science degree in environmental technology from the Florida Institute of Technology. She joined the Small Business group at LDEQ in 2009, with 20 years of experience in the environmental sciences.

Before joining LDEQ, she worked in industry as the Site Environmental Engineer for Alcoa's Tifton Aluminum plant in Delhi and for Riverwood International's West Monroe packaging plant. Her career also includes experience in Brownfields redevelopment, site investigations and remediation.

Stephens was recently promoted to Environmental Scientist Supervisor in the Outreach/Small Business Assistance group in the Office of the Secretary.



Glen Jenkins - Environmental Scientist IV, Chemical Accident Prevention Program (CAPP), Emergency Response and Surveillance Division, Office of Environmental Compliance

Jenkins was promoted to the Environmental Scientist IV position in November 2020. He grew up in Baker and attended Northeast Louisiana University in Monroe, earning a Bachelor of Science degree in toxicology in 1997.

After graduating from college, Jenkins worked for a private environmental lab in Kilgore, Texas, for two years before coming to work for LDEQ in January 2000. He worked for over sixteen years in the Air Toxics Photochemical Assessment Monitoring Stations (PAMS) section, where he maintained remote air monitoring sites and worked on the Mobile Air Monitoring Lab (MAML). In 2016, he joined the Chemical Accident Prevention (CAPP) program. The CAPP group performs Risk Management Program inspections throughout the state at a wide variety of facilities ranging from small municipal water treatment plants to large refineries and chemical plants. Jenkins also participates in the nuclear power plant drills.

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Louisiana Department Of Environmental Quality's Fourth Quarter Summaries

Fourth Quarter 2020 Enforcement Actions:
http://deq.louisiana.gov/page/enforcement-actions

Fourth Quarter 2020 Settlement Agreements:
http://deq.louisiana.gov/page/enforcement-division

Fourth Quarter 2020 Air Permits:
http://deq.louisiana.gov/page/permits-issued-by-calendar-quarter

Fourth Quarter 2020 Water Permits:
http://deq.louisiana.gov/page/lpdes

Fourth Quarter 2020 Solid and Hazardous Waste Permits:
http://deq.louisiana.gov/page/waste-permits