



DISCOVER DEQ

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY NEWSLETTER



January 2019 Issue Number: 84

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LDEQ's Small Business Assistance Program is here for Louisiana small businesses and communities

LDEQ's Communications Section strives to produce informational videos that showcase different programs, services and environmental topics addressed by the agency throughout the year. The latest video provides an overview of the department's Small Business Assistance Program (SBAP).

LDEQ's Small Business Assistance Program offers environmental regulatory assistance and information to small businesses and communities throughout the state. The program's goal is compliance and serving the business owners of Louisiana. Small Business Assistance staff can offer on-site consultations and evaluations of regulatory requirements that apply to your business and can help you meet them in order to stay in compliance.

The program operates in accordance with the confidentiality option provided by the Environmental Protection Agency (EPA) Enforcement Response Policy, effective Aug. 12, 1994, regarding Section 507 of the Clean Air Act. Under this policy, violations detected through assistance received from the Small Business Assistance Program will be kept confidential allowing businesses with compliance issues to correct their mistakes without penalty assessment. This is a key component in fostering the mutually beneficial relationship needed between Louisiana business owners and LDEQ to ensure compliance standards are met.

If your business uses chemicals, generates wastes, emits pollutants or could pose some risk to the environment, then you may be subject to environmental regulations. The Small Business Assistance Program provides no cost technical assistance in understanding and complying with environmental regulations. A team of engineers and environmental scientists will visit your business and help you evaluate your needs, your current standing in regards to compliance, and the next steps needed to ensure you continue to operate a fully environmentally compliant business in Louisiana.

If it is determined that your business has a component subject to regulation, your business may need a permit to operate in the State of Louisiana. The Small Business

Your business is likely subject to environmental regulations if you:

- use chemicals
- generate waste
- emit air pollutants into the atmosphere
- discharge wastewater
- have outdoor storage or activities exposed to rainfall
- have to dispose of any solid or hazardous materials OR
- own or operate a sewage treatment plant for your business

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Assistance program can help you meet your permit requirements and stay in good standing with LDEQ. Additionally, LDEQ requires that some businesses register specific equipment, facilities and inventories. The staff can help you determine if this requirement applies to your business specifically.

They can also help you with:

- understanding your rights and obligations as a permittee
- on-site environmental compliance consultations
- pollution Prevention Audits
- initial compliance audits of newly permitted facilities
- air emission and water discharge permit applications
- solid and hazardous waste management advice
- environmental reports to the LDEQ and much more.

It is important to remember that there are many ongoing regulatory reporting requirements to consider as well. Your business may only be required to submit an annual report; however, some reports may require a more frequent submittal. For example, your business may require that you submit quarterly Louisiana Pollutant Discharge Elimination System (LPDES) discharge monitoring reports. In circumstances such as this, LDEQ offers a web-based tool that allows facilities to sign and submit these reports electronically. This system is called NetDMR. The Small Business Assistance Program helps businesses like yours register in NetDMR and walks them through the report submission process.



Regional Office Coverage Map

If you think your business might fall into any of the categories discussed, please reach out to a Small Business Assistance Program engineer or environmental scientist in your area. We have staff in each of our regional offices throughout the state who will be more than happy to provide assistance. We can be reached by phone or e-mail for any questions you may have, and the SBAP website offers additional information and links to other useful resources. We hope we can work together in achieving our mutual goal of environmental compliance and assistance for small business industries throughout the state.

The Small Business Program has a representative available for on-site assistance in all seven regions.

For more information, please visit the Small Business Assistance Program website at deq.louisiana.gov/smallbusiness. Check out our latest Youtube video on the Small Business Assistance Program at youtu.be/2EAafDB2m4E.



Message from the Secretary

Chuck Carr Brown, Ph.D.

It WAS pass interference.

All Saints fans are united in their disappointment after the referees in the New Orleans Saints/LA Rams NFC Championship game missed a pass interference call that would likely have given the Saints the win Jan. 20. Instead, the game went to overtime where the Rams kicker hit an improbable 57-yard field goal to send his team to the Superbowl in Atlanta.

“Frustrated” is not strong enough a word to describe how Saints fans felt. This was one that hit us in the heart. Before the game, I went down to the third floor of the Galvez Building and visited an impromptu “shrine” dedicated to the Who Dat Nation and their team. I stuck a pin in a voodoo doll of a Rams player. I think that worked, but I should have stuck a pin in a voodoo doll of a referee too.

There’s always next year. We’ll be back. For now, let’s put the loss aside (as best we can) and move forward.

February is Black History Month. Diversity is one of our core values at LDEQ. I encourage all of you, to take time to reflect on the many accomplishments of black Americans and people of color. Diversity makes our organization stronger.

Finally, LDEQ will once again participate in the American Heart Association Fundraiser this year. Activities begin in February with a “Go Red” Day Feb. 14, and continuing with a Heart Sale Competition (agency-wide), a raffle of baskets assembled by the offices at the agency (look for the OSEC basket to impress), popcorn and cold drinks on Thursdays, heart-healthy snack sales, Heart Walk with T-shirt sales and a big finale in the Conference Center break room. Events will be scattered through the coming weeks until the end of March. There’s something for everybody, and it’s all for a good cause. Watch your email for reminders of events and more details. I know you are the most generous people in state government! Let’s do this!



I think I put the pin in the wrong voodoo doll.



Open burning household garbage and waste tires is illegal in Louisiana

Open burning continues to be a problem across the state. In Louisiana, open burning of household garbage, waste tires and chemical waste is illegal. It can create health and environmental problems. Open burning of waste can release dangerous constituents into the air, soil and groundwater that can be harmful to humans and animals. Also, when unattended burns get out of hand and spread, there's a potential for wildfires and property destruction.

Open burning is an ongoing problem since people have traditionally burned household trash as a way of disposing of it. That's illegal. Burning garbage, construction debris and other non-vegetative matter is against the law in Louisiana. Under Title 33, section 1109 of the Louisiana Administrative Code, "no person shall cause or allow the burning of waste or other combustible material on any property owned by him or under his control." Fines and other legal actions from LDEQ can result.



Open burning waste tires pollutes the air and soil and can potentially impact groundwater. Citizens should check their local tire recyclers on how to legally dispose of waste tires. Anyone seeing an open burn should immediately report it to LDEQ and local law enforcement.

Citizens should bear in mind that ordinances prohibiting the open burning of household waste are different from those that apply to the burning yard/vegetative waste such as leaves, branches and grass. Ordinances pertaining to burning yard waste may vary based on where you live, so check to make sure you are abiding by both local ordinances and state law.

When an opening burning complaint is reported to LDEQ, a responder will be dispatched to investigate. LDEQ investigates all open burn complaints. If an investigation finds that regulations are being violated, the case may be turned over to LDEQ's Criminal Investigation Division. Fines, probation and/or jail time may be imposed upon anyone found guilty of illegal burning.

Be a watchdog and report any instances of open burning to the LDEQ Single Point of Contact line – Toll-Free: 1-888-763-5424. You can also submit an incident report form online at deq.louisiana.gov/page/file-a-complaint-report-an-incident.

- **Burning tires and household waste is ILLEGAL, statewide – no exceptions**
- **Burning tree limbs and vegetation is legal only in certain areas. Check the statutory exemptions in your parish, municipality or town for any specific restrictions or exceptions**
- **A permit may be required based on where you live. For example, any outdoor burning in Lake Charles requires a permit from the Lake Charles Fire Prevention Bureau**
- **Check for any area or parish-wide ban on open burning due to drought conditions or high winds**
- **Many fire codes across the state require that any fires be controlled and monitored by someone. Always ensure fire suppression equipment is readily accessible**
- **NEVER burn plastic, synthetic materials, tires, rubber products, paints, household and agricultural chemicals, asphalt shingles, heavy oils, wire, newspaper, cardboard or other paper products**
- **Consider your neighbors and check with them in advance**



Louisiana Environmental Education Commission is bringing continuing education to the public via regional short course events

For over two decades, the Louisiana Environmental Education Commission (LEEC) has hosted the Louisiana Environmental Education State Symposium annually. This two-day event has served as a place for environmental educators to gather, teach, learn and connect. This year, the LEEC will forgo the two-day conference for 13 different short courses held throughout the major regions of Louisiana and focusing on unique environmental efforts in each part of the state.

The regional short courses will take place on Feb. 16. The theme of this year's program is "Taking Environmental Action: What's Great About Your Part of the State?" These events, which can be tours, hands-on workshops or both, will be held in Alexandria, Baton Rouge, Lafayette, Lake Charles, Monroe, New Orleans, the North Shore and Shreveport. Everyone is welcome to attend any short course regardless of their home region.

Some courses are geared toward fifth grade through 12th grade only, while others include students from kindergarten through 12th grade. Topics include, but aren't limited to, LSU Center for River Studies and Your Classroom; Exploring the Relationship between Watersheds, Water Quality, and Human Activity; Wetlands, Animals, and Early Childhood Oh My; and Teach Wild: A Lesson on Marine Debris. For a detailed list of course descriptions, visit www.wlf.louisiana.gov/2019-leec-regional-short-courses.

LEEC's mission is to create a comprehensive and balanced environmental education initiative that will result in environmentally literate citizens who will effectively and constructively solve existing environmental problems, prevent new ones, and maintain a sustainable environment for future generations. Attending a regional short course event is a great way to learn more about the environmental efforts in the state and how to contribute to solving and preventing Louisiana's environmental problems. The registration fee is \$20, and classroom teachers are eligible for a \$30 stipend. Teachers may fill out a stipend application at www.wlf.louisiana.gov/2019-leec-regional-short-course-stipend-application. To register, visit www.wlf.louisiana.gov/2019-leec-regional-short-courses#registrationform.

Short Course Descriptions

ALEXANDRIA REGION

4-H Youth Wetlands Program - Combination Workshop and Tour
Presenter: Heather Niemic, LSU AgCenter 4-H Youth Wetlands Program
Location: Woodworth Outdoor Education Center, 661 Robinson Bridge Road, Woodworth, LA 71485
Grade Level: K-4th, 5th-8th
Time: 8 a.m. to 3:30 p.m.

BATON ROUGE REGION

LSU Center for River Studies and Your Classroom - Combination Workshop and Tour
Presenters: Steve Babcock, LSU Laboratory School/CPRA with Joseph McClatchy and Dr. Clint Wilson, LSU Center for River Studies
Location: LSU Center for River Studies, 100 Terrace Ave., Baton Rouge, LA 70802
Grade Level: 5th-8th, 9th-12th
Times (choose one): Session I 8 a.m. to 11:45 a.m., Session II 12:25 p.m. to 4:30 p.m.

LAFAYETTE REGION

Exploring the Relationship between Watersheds, Water Quality, and Human Activity - Combination Workshop and Tour
Presenter: Gregory Guidroz, Bayou Vermilion District
Location: Vermilionville Living History Museum, 300 Fisher Road, Lafayette, LA 70508
Grade Level: 5th-8th, 9th-12th
Time: 8:30 a.m. to 4 p.m.

LAKE CHARLES REGION

Coastal Dune Enhancement Project - Workshop/Planting Event
Presenters: Andrea Gorum, Gulf Coast Soil & Water Conservation District, and Joey Breaux, Louisiana Department of Agriculture and Forestry Office of Soil & Water Conservation
Location: Meet at Brown's Food Center in Hackberry
Grade Level: General (K-12)
Time: Begins at 8:30 a.m.

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LAKE CHARLES REGION (CONTINUED)

Wetlands, Animals, and Early Childhood Oh My - Hands-on Workshop

Presenters: Angee Burd, McNeese State University, with Melissa Hastings and Amy Smothers, Calcasieu Parish Schools, and Kayla Devillier, Sandra Theriot and Erin Washington, McNeese students

Location: McNeese State University, 4205 Ryan St., Lake Charles, LA 70605

Grade Level: Pre-K and Kindergarten

Time: 9 a.m. to noon

Environmental and Physical Effects of Altering the Calcasieu River - Tour

Why is salinity important, and how has it changed? We will start south of Lake Charles at the Gulf Intracoastal Waterway, move to the Calcasieu Ship Channel, continue on to Prien Lake, and finally to the Salt Water Barrier. Participants will collect water samples to test for salinity and other water quality parameters, gaining a deeper understanding of the water around us. Presenter: Brian Fontenot, Calcasieu Parish Public Schools

Location: S.J. Welsh Middle School, 1500 W McNeese St, Lake Charles, LA 70605

Grade Level: General (K-12)

Time: 8 a.m. to 12 p.m.

MONROE REGION

Using Mobile Devices to Track Biodiversity in the School Yard and Habitat Restoration Areas (Monroe Region) Combination Workshop and Tour

Presenters: Julia Earl, Chris Campbell, Terri Maness and Natalie Clay, Louisiana Tech University

Location: Carson Taylor Hall, Louisiana Tech University, 1 Adams Blvd., Ruston, LA 71272

Grade Level: 5th-8th, 9th-12th, College

Time: 9 a.m. to 4:30 p.m.

Cross-curricular Instruction with Animals in the Classroom (Monroe Region) Workshop and Tour

Location: Northeast Louisiana Delta African American Museum, 1051 Chennault Park Drive, Monroe, LA 71203

Grade Level: K-5th

Time: 8 a.m. to 3:30 p.m.

NEW ORLEANS REGION

Citizen Science in Education - Hands-on Workshop

Presenters: Kimberly Cooke and Kali Bunn, Jean Lafitte National Historical Park and Preserve

Location: Barataria Preserve Education Center

Grade Level: 5th-8th, 9th-12th

Time: 8 a.m. to 12 p.m.

Teach Wild: A Lesson on Marine Debris - Combination Workshop and Tour

Presenters: Monica Pasos, Audubon Nature Institute

Location: Audubon Aquarium of the Americas, 1 Canal St, New Orleans

Grade Level: General (K-12)

Time: 9 a.m. to 5 p.m. (Time subject to change)

NORTHSHORE REGION

Marsh Restoration Exploration in Big Branch National Wildlife Refuge - Combination Workshop and Tour

Presenters: Dinah Maygarden, University of New Orleans, with Rebecca Larkins and Daniel Breaux, U.S. Fish and Wildlife Service

Location: Big Branch National Wildlife Refuge

Grade Level: 5th-8th, 9th-12th, College

Time: 8:30 a.m. to 3:30 p.m.

SHREVEPORT REGION

WET, WILD and PLT - Workshop

Presenters: Cindy and Ricky Kilpatrick

Location: Red River National Wildlife Refuge, 150 Eagle Bend Point, Bossier City, LA 71112

Grade Level: General (K-12)

Time: 9 a.m. to 3:30 p.m.



New interactive fish advisory map helps users find local fish

The Water Planning and Assessment Division at LDEQ has recently made a lot of changes to their webpage to make it easier for users to navigate and locate fishery advisories.

Their new interactive map is designed to allow the public to more effectively locate advisory information about places where they fish. One of the perks of the new page is the zoom feature on the base of the map that allows users to easily locate water bodies. When users click on the fish icons, the map brings up detailed advisory information that provides accurate details on which fish species, and how many meals of each species, can be safely consumed from fish caught in the advisory water bodies. LDEQ scientists can easily update the map as advisories change, are added or are rescinded.

Environmental Scientist Senior Al Hindrichs said that the map is designed to provide the public with a visual and easy-to-use tool that pinpoints users' favorite fishing spots. The map will also determine if precautions are needed when anglers consume their catch. "In many cases, and for most people, the fish are completely safe to eat. It's primarily with pregnant women and children under seven where some limitations in the type of fish and the amount eaten may be needed. This is why it's so important to read the actual advisory information, which is now provided with a simple click on the map."

Environmental Scientist Jaclyn Allen, who, along with GIS Analyst Andy Venuto, designed the interactive map said, "The fish advisory map was created using a computer platform known as ArcGIS Online."

"The platform permits the development of interactive maps that can be shared on websites or mobile devices. Placing fish consumption advisory location data in ArcGIS Online allows linking of the locations with advisory text information on one map. The creative part was figuring out the best way to display the data, allowing anyone using the website to view the advisory information without the need for special geospatial software."

Text located below the map provides background information on how the Louisiana Department of Health, Department of Environmental Quality and Department of Wildlife and Fisheries work together to test fish, set advisory levels and issue fish consumption advisories.

"One of the benefits is that updates or edits made to the map and text are viewable on the website in real-time," Allen said.

For more information regarding fish consumption advisories, contact LDEQ (225)219-3189 or by email at DEQ-WWWWaterQuality@la.gov.



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LDEQ Heart Association Fundraiser activities begin Feb. 14

We're all seeing red at LDEQ, and not just because of a missed call in a football game. The agency will again participate in the American Heart Association Fundraiser this year. Activities will kick off on Valentine's Day, Feb. 14, with a "Go Red for AHA" day. All LDEQ employees are encouraged to wear red clothing on this day to show solidarity with the fight against heart disease, and those who do wear red can dress casually.

Among the recurring fundraising activities during the Feb. 14-March 30 campaign will be casual dress days. Employees can buy the right to dress casually on Wednesdays and Thursdays, Feb. 20, 21, 27 and 28 and March 6, 7, 13, 14, 20, 21, 27 and 28. It's \$20 for 10 days +2. On Thursdays, Feb. 14 through March 28, popcorn and soda will be sold on the ninth floor of the Galvez Building, 1:30 p.m. to 3 p.m. On Tuesdays, Feb. 19 through March 26, healthy and sweet snacks will be sold in the first floor lobby, 9 a.m. to 10:30 a.m.

Those paper hearts you have seen decorating different spots in the building will also be on sale for \$1 per heart through Monday, March 25. The office or regional office that sells the most hearts will win a Smoothie King party. Hearts will be displayed on cubicle panels this year. The winners of the parties will be announced Thursday, March 28, and the parties will be held April 11.

As in years past, each office – Environmental Services, Environmental Enforcement, Office of the Secretary and Office of Finance and Administrative Services – will put together special prize baskets packed with goodies. The offices will compete to see which one can sell the most raffle tickets on the baskets. Raffle tickets will be \$1 each, and the baskets will be on display in the first floor lobby. Winning tickets will be drawn Thursday, March 28.

LDEQ employees are also invited to participate in the Baton Rouge Area Heart Association Heart Walk. This year the walk will be held in downtown Baton Rouge at City Hall Plaza on Saturday, March 30. The theme for 2019 is "Keep the Beat, Move those Feet!" Heart Walk T-shirts will be available for purchase for \$10 crewneck, \$12 V-neck, \$2 more for 2X and 3X sizes. The last day to order is March 11. Shirts will be distributed the week of March 25.

The Fundraising Finale where the raffle winners are drawn and heart sale competition winners are announced will be in the Galvez Building Conference Center break room at 2 p.m. on Thursday, March 28.

Representatives on each floor will sell paper hearts, T-shirts, raffle tickets and collect payment for 10 days +2 casual dress participation. Watch your email for more information.



Assistant Secretary Roger Gingles draws a winning ticket in 2018's Office Basket Raffle.



Louisiana Clean Fuels Coordinator, Ann Vail, inducted into Clean Cities Hall of Fame



Louisiana Clean Fuels Coordinator Ann Vail is inducted into the U.S. Department of Energy's Clean Cities Hall of Fame.

Louisiana Clean Fuels Coordinator Ann Vail was honored by the U.S. Department of Energy (DOE) for her dedication and outstanding accomplishments in working to advance alternative fuels and advanced vehicles in transportation in Louisiana. Vail was honored by being inducted into the Clean Cities Hall of Fame on Nov. 7, 2018, while at the 2018 Clean Cities Coordinator Training Workshop.

Clean Cities is a part of the U.S. DOE's Vehicle Technologies Office and is made of coalitions across the country that foster the economic, environmental and energy security of the United States by working locally to advance affordable, domestic transportation fuels and technologies.

Vail has been the coordinator of the Louisiana Clean Fuels coalition for nearly a decade, and her accomplishments during that time have been extensive. Shortly after assuming the role as coordinator, she successfully expanded the coalition's territory in Louisiana and has expertly guided Louisiana Clean Fuels' stakeholder base through dramatic growth. This has led to significant gains in reported alternative fuel use from mere thousands in 2012 to upwards of 8 million gallons per year.

In 2016 alone, her coalition had an impact in energy use greater than 8.5 million gasoline gallon equivalents and averted more than 48,800 tons of emissions through projects focused on alternative and renewable fuels, advanced vehicles, idle reduction, and fuel economy improvements. She has also been a staunch advocate of ensuring the continued operation of a landfill gas operation in Louisiana.

"We've worked closely with Louisiana Clean Fuels for many years, and we are proud to see Ann's achievements nationally recognized," LDEQ Secretary Dr. Chuck Carr Brown said. "The alternative fuels initiative in Louisiana has come a long way in recent years, and LDEQ is happy to be a part of the advancements. We believe alternative fuels are the future."

Most recently, Vail has been actively involved with the state of Louisiana's planning efforts for the Volkswagen Settlement, an effort led by Louisiana Department of Environmental Quality (LDEQ).

The Office of Governor John Bel Edwards designated LDEQ as the lead agency on the Volkswagen Clean Air Act Civil Settlement which is awarding Louisiana approximately an \$18 million portion of a much larger national settlement. The majority of the funds are being used to replace eligible diesel school buses throughout the state. The bus replacement program will offer partial funding primarily to school districts to replace their buses with electric, alternative fuel or high-efficiency diesel vehicles. Other portions of the settlement will fund the replacement of eligible Louisiana Department of Transportation and Development diesel vehicles and heavy equipment with new, less polluting engines.

Learn more about the Volkswagen Clean Air Act civil settlement at deq.louisiana.gov/page/louisiana-volkswagen-environmental-mitigation-trust.



Saints Fans Unite



If you would like a digital copy on your picture, message Emily Barlett at emily.barlett@la.gov.



Who's Who At LDEQ?



Gerelle G. Jackson – Environmental Scientist II – Solid Waste Permits Division, Office of Environmental Services

A Baton Rouge native, Jackson earned a Bachelor of Science degree in Forensic Chemistry from Loyola University in New Orleans, Louisiana. She then earned a Master of Science degree in Biology from Southern University A&M College in Baton Rouge, Louisiana. She will be working in the Headquarters' Office researching and writing solid waste permits.

Emily Cassidy Barthelemy – Administrative Assistant to the Undersecretary, Management and Finance

Barthelemy is a native of Jennings and moved to Baton Rouge in 2007 to attend LSU. She graduated with a bachelor's degree in 2012. During college, she worked for the Louisiana State Senate. After graduating, she began working at the Louisiana Office of Alcohol and Tobacco Control as the executive assistant to the Commissioner.

Barthelemy moved to LDEQ in Aug. 2016 as the administrative assistant in the Financial Services Division. She was recently promoted to administrative assistant to the Undersecretary. She got married in October and is enjoying her time as a newlywed.



Paul Bergeron - Environmental Scientist Manager, Notifications and Accreditations Section, Office of Environmental Services

Bergeron is from Lake Charles, but grew up in Baton Rouge and received his bachelor and master degrees from LSU. He worked in commercial and municipal environmental laboratories for 11 years prior to joining LDEQ in 2000 as an assessor for the Louisiana Environmental Laboratory Accreditation Program.

He audited laboratories for five years, performed a brief stint as an inspector for the Capitol Regional Office for two-and-a-half years, then supervised laboratory accreditation for 11 years and represented the department on the National Environmental Laboratory Accreditation Program accreditation council until his promotion this year to manager of the Notifications and Accreditations Section of the Public Participation and Permit Services Division.

Bergeron's hobbies include tennis and living history portrayals of the eighteenth and nineteenth centuries.





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Louisiana Department Of Environmental Quality's Fourth Quarter Summaries

Fourth Quarter 2018 Enforcement Actions:

<http://deq.louisiana.gov/page/enforcement-actions>

Fourth Quarter 2018 Settlement Agreements:

<http://deq.louisiana.gov/page/enforcement-division>

Fourth Quarter 2018 Air Permits:

<http://deq.louisiana.gov/page/permits-issued-by-calendar-quarter>

Fourth Quarter 2018 Water Permits:

<http://deq.louisiana.gov/page/lpdes>

Fourth Quarter 2018 Solid and Hazardous Waste Permits:

<http://deq.louisiana.gov/page/waste-permits>

