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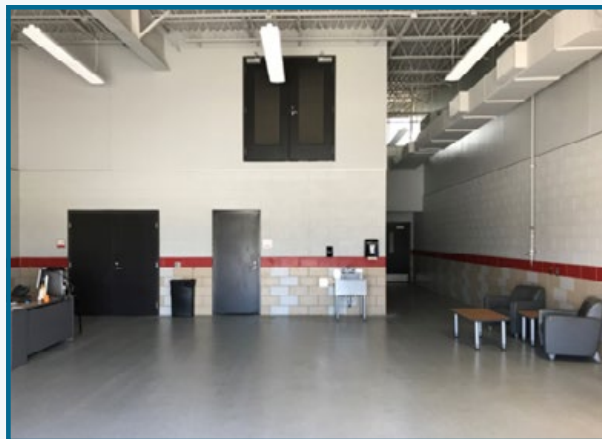
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Discover DEQ

LDEQ Inspection Sticker Challenge Station changes location

Business is not what it used to be for the LDEQ inspection sticker challenge station. In fact, business is not where it used to be either.

The facility serves automobile owners whose vehicles fail the emissions inspection while renewing their stickers. Before the owner has the noted deficiency corrected, he or she can bring the vehicle to the challenge station where it is re-inspected free of charge to confirm or “challenge” the failure. Also, after the repairs are completed, the owner can bring their car to the challenge station to confirm the repair solved their issue before returning to the original inspection station to obtain their passing sticker.



The inspection sticker challenge station features a large inspection bay, classroom and waiting area.

A motorist can take their vehicle to the challenge station as many times as needed in order to resolve the repair(s). The motorist has 30 days from the time of the failure to fix their vehicle and obtain a passing inspection sticker before being subject to a citation by law enforcement.

Formerly located in Port Allen, the station recently relocated to the automotive campus of Baton Rouge Community College at 1969 N. Lobdell. There, at the back of the building, a single bay sits waiting for customers. “It used to be real busy when I first started,” technician David Dukes said. He’s one of two technicians who are contract workers for LDEQ. He’s been with the challenge station since 2004. A typical week might see 10 owners bringing their vehicles in to challenge a failed inspection. He said that about half the challenges are successful, especially those that involve computers that won’t communicate with the state’s computers.

“Nine times out of ten, when we scan it, it passes,” Dukes said of the digitally impaired autos. Ten inspections a week isn’t a lot, but the technicians at the challenge station are not Maytag repairmen. They also train staff for the other inspection stations, Dukes said, including general inspections, inspecting heavy-duty vehicles and emissions inspections.

The equipment that is available at the BRCC automotive campus is one reason the station was moved. A more central location for the parishes served is another reason. The public can come by anytime; there are no appointments necessary. The LDEQ challenge station is open 8 a.m.-4:30 p.m. Monday-Saturday. There is no charge for a challenge.



Message from the Secretary

Chuck Carr Brown, Ph.D.

I spoke August 22 at an event in Garyville naming Marathon Oil as Energy Star Partner of the Year for Energy Management. The Energy Star program is a joint endeavor with the U.S. Department of Energy and the U.S. Environmental Protection Agency. Marathon's recognition was the result of a list of achievements in energy efficiency and the company's commitment to renewable fuels. That's not always what you think of when you think of a big oil company (Marathon is the country's second largest producer of fuels), but it's something the majors are keenly aware of.

That's just the kind of forward thinking I want to see from oil companies. I often say – as I did at Marathon – that if I were a big oil company, I'd start thinking about making a better battery.

I believe a large segment of the transportation sector will move to zero emission vehicles (ZEVs) in the near future. Electric vehicles are the wave of the future. Don't get me wrong. I'm not saying fossil fuels will go away entirely. We still need to generate electricity to charge those vehicles, and right now wind and solar are just not up to the job infrastructure-wise. We are going to keep using natural gas as a bridge fuel until better efficiencies and dependability are achieved with wind and solar. Coal will always be around too, but not in the major role it has played in the past.

So when I see a big oil company like Marathon moving to be more efficient and explore other energy options, it makes me feel that we're on the right track. We have to keep looking for ways to innovate and conserve, get the most out of our energy resources and do it in an environmentally sound way. I believe our hand is on the plow.

It has been a quiet hurricane season. Don't let that lull you into a false sense of confidence. The peak of the hurricane season comes the second week of September. The odds of us skating to the end of the season with no more storms are very slim. Get yourself ready. Get A Gameplan, not just for work but for your home.

Once again I remind you that you can get information about what that plan should contain by visiting www.getagameplan.org, supported by the Governor's Office of Homeland Security. The site has information on what to put in your emergency kit and other preparations, such as where to get information about weather, traffic and flooding during storms, and how to evacuate and when to evacuate for families and businesses. There is also a list of key phone numbers you should have at hand. Don't wait until there is a storm in the Gulf of Mexico to prepare.

We made it through August. Schools re-opened. There is more traffic, more congestion in our state's cities and towns. That means more reason to be careful. Just a few days ago, LSU students waiting to cross a street were injured when an accident knocked a car into them. Several were taken to hospitals. Stay alert. Don't be the one who causes an accident.

I want you all to be safe out there. Enjoy your Labor Day Holiday, but keep safety in mind.



Dr. Brown speaks at the Energy Star event.



Secretary Brown delivers luncheon address at Marathon Oil Energy Star event

“Next year, we will be in attainment for all six criteria pollutants,” LDEQ Secretary Chuck Carr Brown told the audience at an August 22 event to commemorate Marathon Oil being named Energy Star Partner of the Year for Energy Management.

Brown pointed out that the state is in compliance for all but one of the criteria pollutants, and only one parish is not in attainment for that compound, sulfur dioxide. He said he expects all of Louisiana to be in attainment for all the criteria air pollutants by the end of next year.

“What you are and where you are is part of that,” Brown said at the event held at San Francisco Plantation in Garyville.

Marathon was recognized by the U.S. Environmental Protection Agency and the U.S. Department of Energy under the ENERGY STAR program that encourages energy efficiency to save resources and protect the environment. The company was one of 163 Energy Star partners – including Fortune 500 companies, schools, hospitals, retailers, manufacturers, home builders, and commercial building owners and operators – recognized for their outstanding contributions to public health and the environment.



LDEQ Secretary Dr. Chuck Carr Brown is interviewed by Aspen Murphy, MPC community relations representative.

Marathon, the second-largest fuels manufacturer in the United States, with processing and refining capacity of about 1.9 million barrels of crude oil per calendar day, was cited in the award for:

- Achieving a 2.5 percent improvement in the aggregate energy performance for its refining operations for a 3-year period concluding in 2017. Since 2002, the company has reduced the greenhouse gas emissions per unit of product by 16 percent.
- Earning the highest number of ENERGY STAR certified U.S. refineries with 39 certifications (75 percent of U.S. refinery certifications) since 2006. The company’s Louisiana and Ohio refineries have earned top quartile energy performance continually for 12 years, while in 2017, Marathon earned three certifications.
- Achieving the goals of the ENERGY STAR Challenge for Industry recognition and a 30-percent reduction at the company’s Cincinnati Renewable Fuels plant.
- Using energy performance benchmarking and evaluation “from the ground up” to determine the best way to adjust operations at two refineries that have not yet earned the ENERGY STAR, and initiating extensive facility improvements.
- Engaging communities near facilities and investors about ENERGY STAR and the company’s participation to promote energy management.
- Supporting the ENERGY STAR Focus on Energy Efficiency in Refining and Chemicals Production through best practice sharing and presentations to ENERGY STAR industrial participants.

Brown gave the keynote address at the luncheon. He said playing by the rules is profitable. “If you operate in a compliant fashion, you will make a profit.”



Reboot the Commute! in full swing at LDEQ

Thank you to everyone who joined us in our efforts to “ReBoot the Commute!” at our kick-off event for Commuter Krewe on August 1. Whether you were there to learn more or if you signed up to be matched with another participant, each action is a step in the right direction. For those who could not attend, the biggest take away was that Commuter Krewe now offers an Emergency Ride Home program (ERH). The program is designed to be a “safety net” for employees who regularly use an alternative commute to work.

How does it work?

In the event of a “qualifying emergency,” the commuter would call a taxi or Uber to bring them to their destination. The commuter would pay for the ride and be reimbursed by Commuter Krewe. The program will pay for a maximum of four rides and up to \$100 per ride per calendar year.

Who can use it?

Anyone who is signed up through Commuter Krewe and commutes to work at least twice a week via transit, carpool, vanpool, bicycle or walking and lives or works in the Baton Rouge area.

What is a “qualifying emergency”?

Unexpected personal illness or emergency, unexpected immediate family illness or emergency, or unscheduled overtime at your supervisor’s request. You can utilize the ERH program if your current mode of transportation is delayed an hour or if the delay causes you to miss your connection to another mode. For example: If a commuter’s carpool driver has an emergency and must leave early or supervisor-approved, unexpected overtime.



LDEQ Secretary Dr. Chuck Carr Brown poses with Emanuel Andrews, outreach coordinator for Commuter Krewe of Louisiana.

The Commuter Krewe is an easy-to-use, web-based rideshare application that allows you to create a commute profile and find carpool matches. Use Commuter Krewe to search for other employees who live near you, have similar schedules and lifestyle preferences. When you share a ride, you can lower your costs, save time and lessen the traffic congestion we experience in our region.

Sign In/Join:

If you are already a Commuter Krewe member, sign in at www.CommuterKrewe.la to check your “Profile” to make sure you’ve included your organization’s name, so your department receives credit for the trips you make.

If you are not a Commuter Krewe member, sign up by going to www.CommuterKrewe.la and click the join button at the center of the page. Again, be sure to include LDEQ in your profile.

Be sure to share your greener trips by posting your photos and comments on Facebook, Twitter and Instagram using #LDEQ, #LoveTheBootDontPollute, #ReBootTheCommute and #CommuterKrewe.



First Responder agencies train for disaster management

Training on FEMA's Incident Command System is required for all first responder agencies, such as the Louisiana Department of Environmental Quality (LDEQ). LDEQ employees took part in an emergency response training at the Joint Emergency Services Training Center (JESTC) July 24–26. JESTC is a state-of-the-art training complex maintained and operated by the Louisiana State Police and is located just north of Baton Rouge. JESTC's mission is to provide a centralized location where law enforcement, government, and other civilian agencies can train personnel in emergency and first response services.

The three-day training covered Incident Command System (ICS) courses 300 and 400. The course objectives were:

- Describe how the National Incident Management System Command and Management component supports the management of expanding incidents.
- Describe the Incident/Event Management process for supervisors and expanding incidents as prescribed by the ICS.
- Implement the Incident Management process on a simulated Type 3 incident.
- Develop an Incident Action Plan for a simulated incident.
- Describe the circumstances in which an Area Command or Multi-Agency Coordination Systems is established.

Disasters, by nature, always occur at the local level first. For some types of natural disasters, like slow rising floods or approaching hurricanes, a warning is available. Other disasters, like a radiological incident, happen with little or no warning. The citizens in the area where the event occurs and their local governments are the first to have to cope with the damage. When a local jurisdiction does not have the resources it needs to respond to a disaster, it turns to the state government for assistance.

Each state has their own Emergency Operations Plan (EOP). To support Louisiana's EOP, LDEQ is required to prepare for all disasters to ensure the continuity of state government operations. LDEQ, as a first responder agency, is committed to fulfilling its preparedness and response roles by requiring employees to receive ongoing emergency response training. The LDEQ also participates in annual reviews and updates to the plan.

LDEQ responds to any emergency involving hazardous materials or pollutants that pose a threat, or potential threat, to human health and the environment. In order to efficiently coordinate the state's ability to respond to disasters and effectively integrate with our federal, state and local partners, LDEQ requires all employees to be familiar with FEMA's Incident Command System. LDEQ supports the Department of Homeland Security and FEMA's emergency response goals by improving the competencies of employees at all levels to prepare for, protect against, respond to, recover from, and mitigate the potential effects of all types of disasters and emergencies.

LDEQ's mission is to protect human health and the environment in the event of a disaster or emergency.



LDEQ Environmental Scientist Staff Jim Pate

Jim Pate recognized by Organization of Agreement States

Environmental Scientist Staff Jim Pate was presented a Certificate of Recognition by the Organization of Agreement States (OAS) at their Annual Meeting Aug. 15. The State of Louisiana has been a member of the OAS since 1967, and LDEQ is Louisiana's representative.

Pate was recognized for his participation as Louisiana's representative on the Nuclear Regulatory Commission's (NRC) Integrated Materials Performance Evaluation Program (IMPEP) Team evaluation of the State of Texas and the State of Massachusetts programs.

"Jim's participation in these evaluations utilize his knowledge and years of experience in the Radiological field. Jim's participation also allows him to bring back both the good and the bad aspects of other State's programs so we can assess and improve our Radiation Program. We are proud of Jim and his national recognition!" said Jeff J. Dausat, Administrator of the Emergency and Radiological Services Division.

Small Business Assistance Program assists facilities with NetDMR registration

The Environmental Protection Agency (EPA) mandated that all facilities which are required to submit discharge monitoring reports (DMRs) to LDEQ must do it electronically. NetDMR is a web-based tool that allows facilities to electronically sign and submit LPDES (Louisiana Pollution Discharge Elimination System) discharge monitoring reports.

NetDMR was released June 22, 2009, and all facilities are required to submit DMRs electronically via NetDMR as of Dec. 21, 2016.

NetDMR reduces the paperwork burden and improves data quality. It provides instant confirmation of submission, allows for revisions to be submitted electronically, allows for electronic submittal of documentation and supplementals, and improves timeliness and accessibility of data.

Letters have gone out to facilities that have been filing paper DMRs. They are now required to register for CDX/NetDMR to submit them electronically. Since NetDMR is required to be filed electronically, the LDEQ Small Business Assistance Program has been traveling the state, offering registration assistance. At these meetings, LDEQ staff are available to assist with registration on-site. Participants who are seeking assistance are requested to bring their permit renewal letter and Agency Interest (AI) number with them as it expedites the process.

For more information, contact deqnetdmr@la.gov.



DISCOVER DEQ

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY NEWSLETTER



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Registration for the 2019 Louisiana Envirothon is now open!

DEQ has proudly helped host the Louisiana Envirothon for more than 10 years, and agency personnel believe the 2019 competition will be the best yet. Next year's competition is April 13, 2019, at the LSU AgCenter Botanic Gardens.

The Louisiana Envirothon is an environmental problem-solving competition for students in grades 6-12. Teams train and compete by demonstrating their knowledge of environmental science and natural resource management with the hope of going on to represent Louisiana at the North American Envirothon Competition. The competition focuses on five natural resource areas: soils and land use, aquatic resources, forestry, wildlife and a current environmental issue. The current environmental issue for 2019 is Agriculture and the Environment: Knowledge and Technology to Feed the World.

Louisiana Envirothon is a success because of the ongoing partnership between academia, state government, and private entities to provide students with the opportunity to experience environmentally oriented activities, enabling them to become environmentally aware citizens. Become a part of our team by spreading the word to potential sponsors and groups of students that share the Envirothon spirit. Advocacy at its root is supporting something that is important to you.

LDEQ's leadership feels it is important to promote a desire in young people to understand natural resources and a willingness to work towards achieving and maintaining a balance between the quality of life and the quality of the environment. We hope you'll join us!

Visit deq.louisiana.gov/page/envirothon for more information.



Participants of the 2016 Louisiana Envirothon

LEAD

You can get involved with Louisiana Envirothon by organizing a team of five students from the same school or associated with an organized group (i.e. FFA, 4-H, science clubs). The team registration fee is \$50. Download your registration packet now! The registration deadline is 12/12/2018.

ADVOCATE

Share information! Please share this email with any teachers or groups you think may be interested! Follow us on Facebook and share the opportunity via social media. Envirothon is an exceptional opportunity for our youth to get hands-on experience in environmental problem-solving. Help us spread the word!

SPONSOR

Become a Sponsor! Envirothon would not be possible without our wonderful sponsors. Sponsors receive recognition on competition posters, promotional items, LDEQ's website, social media and through press releases. Details are listed on the sponsorship flyer.



Reduce, Reuse, Recycle!

Louisiana Department of Environmental Quality is proud to have donated nearly 100 binders to Lee Magnet High School. Maria Tatman, Site Coordinator for Lee Magnet High School, sent a heartfelt thank you to the LDEQ employees that made it all possible. “These binders are a tremendous resource for our faculty and students, and we are so appreciative to everyone who helped to provide us with these supplies,” Tatman said.

LDEQ employees noticed a growing pile of binders that were no longer in use and did not have an alternative use inside the agency. Instead of discarding the unwanted binders, they set out to donate them. LDEQ contacted Tatman to see if the school could benefit from a donation of gently used binders and was met with an enthusiastic “Yes!”

The adage “one person’s trash is another person’s treasure” couldn’t be more true in this instance. The benefits of this endeavor are two-fold. Not only was LDEQ able to reduce waste, but we were also able to help others. “As many are aware, teachers often dip into their own pockets to purchase classroom supplies; therefore any time they can receive donated materials, it is like Christmas in July!” Tatman said. LDEQ encourages everyone to take a look at their ‘trash’ before discarding and consider ways it may be reused or recycled.

LDEQ employees Casandra Cook, Debbie Gautro, Minta Canelas, and Joshua Hindrichs, volunteered to help make this happen.

For more information on recycling resources, visit deq.louisiana.gov/page/recycling-resources-and-recyclers.



Benefits of Reducing and Reusing

- Prevents pollution by reducing the need to harvest new raw materials
- Saves energy
- Reduces greenhouse gas emissions
- Helps sustain the environment for future generations
- Saves money
- Reduces the amount of waste that will need to be recycled or sent to landfills and incinerators
- Allows products to be used to their fullest extent



National Water Quality Month

We associate August with back-to-school, gearing up for football season and squeezing in the last few days of summer vacation. But did you know that August is also National Water Quality Month? Water Quality month was created to emphasize the importance of water quality as it relates to sanitation, human rights, geography, urbanization and sustainability. Water is a necessity of life, and ecosystems depend on it. If you missed water quality month in August, now is the perfect time to educate yourself about where your water comes from and how you can help preserve it to ensure that it continues to be high quality and free of contamination.

All water comes from one of two sources – surface water or groundwater. From there, water is supplied to most people by a local water provider. The Environmental Protection Agency (EPA) has placed federal regulations on these public water providers to ensure that they are monitoring for more than 100 contaminants in the surface water or groundwater they are using. In addition to following regulations, part of their job is to remove pollutants from and re-use, or release back into the environment, wastewater that flows from our households into the utilities main wastewater pipeline.

Water is a huge part of Louisiana, both economically and recreationally. Unfortunately, most people do not realize that the bodies of water they are enjoying are continually threatened by increasing water pollution. The Clean Water Act was passed in 1972 to help reduce water pollution, but most people are unaware of the little ways they may be contributing to the pollution of their water. Water Quality Month reminds us to take a long, hard look at what our households and communities are doing to protect our water.

For a hands-on, educational experience of what water quality preservation looks like in action, visit Bayou Vermillion District in Lafayette. The District was created in 1984 by Act 161 of the legislature. It is an organization that is tax supported with the purpose of maintaining the Vermilion River. They manage boat, canoe and kayak launches, in addition to public parks along the Vermilion River. They also remove trash and large debris and work with the local government to monitor the water quality and water height of the river.

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Things You Can Do to Protect Our Water

1. **Choose Better Household Products** – Try not use antibacterial cleaning products or soaps. Regular soap and water will do the trick. Many antibacterial soaps contain a registered pesticide that is known to harm marine life. Additionally, using detergents that are phosphate-free will help save our lakes and streams.
2. **Regular Maintenance** – If you have a private well, make sure it is tested and cleaned regularly. Bacteria can build up in the wells.
3. **Pick Up After Your Pets** – Animal waste contains harmful organisms like e. coli, salmonella and giardia. If you don't pick up after your pet, the storm waters could wash these pollutants into our waterways and contaminate the water. Animal waste is also high in nitrogen which, in excess, can deplete the oxygen in water making it harmful for fish and other underwater plants.
4. **Use the Car Wash** – Washing your car at home can flush chemicals down the storm drains that flow into our lakes and streams. Professional car washes are required to drain into sewer systems so that wastewater plants can treat the water before it is re-used.
5. **Use a Trash Can, NOT the Drain** – Avoid putting products like motor oil, prescription medications, antibacterial household cleaners, paints, bug/pest repellants, and detergents down the drain. We don't want products like these in our waterways because they have toxic chemicals in them. Additionally, some of these items should NOT be thrown in the trash either. Instead, they should be disposed of at a Household Hazardous Waste Collection Day hosted by your parish.
6. **Don't Use Fertilizer/Pesticides** – Fertilizer and pesticides can run off the soil and contaminate the waterways that feed our drinking water supplies. Exposure to these chemicals can cause harm to humans and wildlife alike.
7. **Clean Up** – Join a community clean-up crew to pick up litter on streets, beaches, rivers, and wetlands that could end up affecting our water. It's important to educate yourself and learn from others who care about our environment. Make friends and have fun while protecting our water!



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In past years, Bayou Vermilion District was awarded a grant by the Louisiana Department of Environmental Quality (LDEQ) to demonstrate non-point source pollution abatement. That grant focused on storm water that, as it enters waterways, carries with it a variety of pollutants from many different sources making it the primary source of non-point source pollution.

Educating students about the Bayou Vermilion District and watershed, the District works with schools.. Students learn about the effects of our water runoff: pollution; water quality; non-point source pollution; the water cycle; and ecology of the Vermilion watershed & related concepts. For more information visit www.bayouvermiliondistrict.org.

LDEQ works with many organizations like Bayou Vermilion District on monitoring and improving water quality in Louisiana. For more information on water programs LDEQ administers, visit deq.louisiana.gov/subhome/water.

LDEQ blood drive a success

With the help of The Blood Center, LDEQ hosts two or three blood drives each year. The most recent blood drive took place on Wednesday and Thursday, Aug. 22-23.

At least 20 donors were needed each day in order for the entire agency to receive blood assurance for one full year. At the conclusion of the blood drive, the agency counted a total of 49 donors! Each donor received a Who Dat! T-shirt.

During the drive, The Blood Center also utilized "Fast Lane" - their new donor registration process. Fast Lane speeds up the donation process by allowing donors to electronically complete the medical history questionnaire before arriving to the donation site.

The Blood Center's mascot, Betty Blood Drop, also paid a visit to LDEQ, greeting lunch-goers and encouraging everyone to donate!

LDEQ will be hosting another blood drive in December. For more information regarding the blood drive, you can contact either Minta Canelas (Minta.Canelas@la.gov) or Jillian Gautreaux (Jillian.Gautreaux@la.gov).



Betty Blood Drop encourages LDEQ personnel to donate blood.

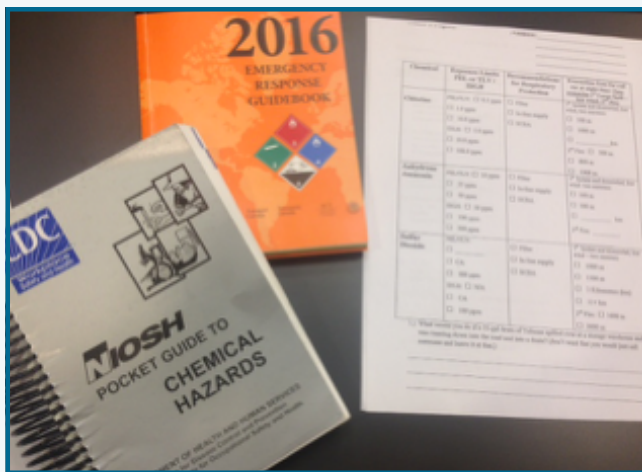


Hazardous Waste Operations and Emergency Response refresher course held in Baton Rouge

DEQ employees holding the HAZWOPER, or Hazardous Waste Operations and Emergency Response, certification participated in an 8-hour refresher course July 25 at LDEQ Headquarters in Baton Rouge. LDEQ Environmental Scientist Staff Jim Pate provided the instruction.

After attaining the initial 40-hour HAZWOPER certification, holders must attend an 8-hour refresher course each year in order to maintain active certification. Certification is a requirement set by the Occupational Safety and Health Administration (OSHA) as a safety standard that certifies and protects employees who perform duties at sites where hazardous materials are present.

The refresher provides the students with an overview on the identification of chemicals by cross-checking the NIOSH (National Institute for Occupational Safety and Health) technical manual against the Emergency Response Guidebook, produced by the U.S. Department of Transportation. Upon flipping through the manuals to locate the chemical in question, the student is quickly able to determine several safety protocols that apply with regard to a spill or fire involving that chemical. These include the recommended evacuation distance, the specific personal protective equipment to be used, any permissible exposure limits and if an IDLH (Immediately Dangerous to Life or Health) level is included in that chemical's properties.



The eight-hour refresher includes exercises on how to identify safety protocols for at least three hazardous chemicals. Students cross-reference data from the NIOSH Chemical Hazards book with the Emergency Response Guidebook to find the answers.

The hands-on referencing of the manuals is a vital tool, especially when on the scene of a chemical fire or spill that's imminent or in progress. Being very familiar with the reference material allows the emergency responder to quickly determine a chemical's description, any potential hazards associated with it, and any safety measures that must be applied.

LDEQ requires HAZWOPER certification for any personnel who may enter a site where a hazardous chemical spill or fire has occurred or potentially could occur. Common situations include a chemical spill or fire resulting from a facility or tank farm release, a train derailment, a truck accident involving the release of hazardous materials, or a release from an unknown source. Instruction for the refresher course included a mix of videos and lectures culminating in a quiz and test.

The class viewed various safety videos on trip and fall hazards, toxic air awareness and the proper handling of chemicals. Instruction included an overview of safety data sheets, workplace safety rules under OSHA and the importance of proper wear and maintenance of personal protective equipment. Next, the class ran through a few scenarios where a chemical's safety properties had to be identified. With more than 70,000 chemicals used by industry, it's important to know the potential dangers and safety protocols for a given chemical. Such awareness and knowledge are important, and it has saved many lives over the last five decades.

"Before the Occupational Safety and Health Act of 1970, approximately 14,000 workers were killed on the job every year. Today, that number is around 5,300 a year, so OSHA's safety guidelines have made a substantial impact on reducing deaths in the workplace since the implementation of the Act," Pate said. After passing the test at the end of the instruction, students were awarded a laminated card showing that their certification is valid for one year.



Who's Who At LDEQ?



Amanda Marshall – Environmental Scientist III, Enforcement Division, Office of Environmental Compliance

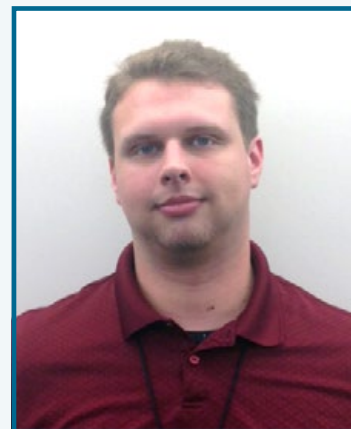
Growing up as a U.S. Army dependent, Marshall has traveled extensively. She earned a Bachelor of Science in biology and a Master of Science in public policy from Georgia Tech. She then moved to Carbondale, IL, to complete a Ph.D. in environmental resources and policy from Southern Illinois University in 2017. Her work has focused on managing for environmental sustainability at the local and watershed scale.

After moving to Baton Rouge in 2017, Marshall served with AmeriCorps helping 2016 flood survivors rebuild their homes before taking a position with LDEQ. She has a pampered cat named Rosie, and her hobbies include gardening, hiking, cooking, cats and all things science fiction.

Kevin Foy - Environmental Scientist, Enforcement Division, Office of Environmental Compliance

Foy is a native of Grayson, LA. He graduated from Northwestern State University in Natchitoches with a Bachelor of Science in biology and a concentration in natural science in 2013. Foy also graduated from LSU with a master's in Natural Science in 2014.

He joined LDEQ after working as a high school teacher. He enjoys kayaking, camping, hiking, martial arts, reading and time with the Society for Creative Anachronism.



Mark Johnson – Environmental Scientist, Permit Support, Office of Environmental Services

Johnson is a native of Shreveport and a graduate of Louisiana State University in Shreveport with a Bachelor of Science in chemistry. He worked in the environmental testing industry for three years before joining LDEQ as an assessor and accreditor of environmental laboratories.

He enjoys fishing, hunting, traveling, spending time with family and refereeing football and soccer for high school and middle school athletes.



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Louisiana Department Of Environmental Quality's Second Quarter Summaries

Second Quarter 2018 Enforcement Actions:

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

Second Quarter 2018 Settlement Agreements:

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

Second Quarter 2018 Air Permits:

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

Second Quarter 2018 Water Permits:

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

Second Quarter 2018 Solid and Hazardous Waste Permits:

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

