

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
2017 ANNUAL REPORT



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Message From The Secretary

Any review of LDEQ's operations over the past fiscal year has to begin on the second weekend of August 2016. Over three days, record rainfall fell in Louisiana. The area around Baton Rouge was particularly hard-hit with some areas getting upwards of three feet of rain. The stalled weather system dumped enough water on Louisiana to fill Lake Pontchartrain four times.

The result was catastrophic flooding. Thirteen lives were lost. More than 100,000 structures flooded. Entire neighborhoods went underwater, and the residents were suddenly homeless. The worst effects were in East Baton Rouge, Livingston and Ascension parishes, where water rescues became commonplace.

Once the water receded, the work began in earnest for LDEQ. We conducted surveys for damages at facilities, investigated complaints and ran through our post-emergency checklist. As the new fiscal year rolled around in June 2016, we were elbow deep in our biggest job: managing the removal of storm debris. When people returned to their flood damaged homes and began to remove wet carpet, drywall, furniture, white goods, household hazardous waste and damaged electronic goods, mountains of debris grew on curbs along nearly every city street.

LDEQ personnel were dedicated and worked long hours to facilitate the removal process, most of which was completed more quickly than anyone predicted. The public was patient and supported the process. The majority of the debris removal work was completed by late spring of 2017.

During all our response activities, our staff continued to shoulder their regular workloads, processing permits, inspecting sites, sampling, directing remediation work, collaborating with our partner agencies both state and federal, reviewing legislation, taking legal action, investigating environmental crimes and much, much more. I'm proud of the hard work our staff puts in and the way they embrace our core values:

- Make technically sound decisions rooted in science
- Conduct ourselves honestly and ethically
- Strive for continuous improvement
- Be accountable for our work
- Manage our resources effectively and efficiently to deliver value to the public
- Sustain our commitment to diversity
- We will be fair in all of our dealings with the public, industry and persons inside and outside the agency.

At LDEQ, we serve the people of the State of Louisiana. Our mission is to protect human health and the environment. It can be challenging, but it is equally rewarding. It's a job we embrace every year.

Sincerely,



Chuck Carr Brown, Ph.D.



*DEQ Secretary
Chuck Carr Brown, Ph.D.*

Improving air quality in Louisiana is a cooperative effort

Air quality has been a topic of much concern for years in Louisiana. The good news is that Louisiana is in attainment for all National Ambient Air Quality Standards (NAAQS) and air quality in Louisiana has been improving continually since the promulgation of the Clean Air Act in 1970.

The Greater Baton Rouge Area, which consists of East Baton Rouge, West Baton Rouge, Iberville, Ascension and Livingston parishes, was designated attainment by the Environmental Protection Agency on March 21. Cooperation between LDEQ, industry, businesses and individuals has been a key factor in this achievement. The Baton Rouge area has reached attainment two times before, once for the 1-hour standard and another time for the 1997 8-hour standard. This time, the area met the more stringent 8-hour ozone standard again.



Air monitoring canisters for sampling

On Oct. 1, 2015, the EPA announced a new National Ambient Air Quality Standard (NAAQS) for ozone, setting the new standard at 70 parts per billion (ppb). Based on current information (2013-2015), the historical Baton Rouge Nonattainment Area was the only area in Louisiana that did not meet the standard. However, areas will be designated based upon 2014-2016 monitoring data. Designations are not final but, the statute says that if EPA agrees with the designation recommendation, they do not have to inform the state of their intent. EPA is still weighing options on when and if the designations will go final. There is a chance that the NAAQS will be reconsidered.

“Louisiana’s air is the cleanest it has been since the promulgation of the Clean Air Act,” Dr. Chuck Carr Brown, LDEQ secretary said. “This accomplishment has been a cooperative effort between LDEQ, industry and individuals for many years and has greatly improved the air quality and the quality of life for Louisiana. Many people have worked hard to make this happen.”

What is ozone and why is it important? Ozone (O_3) is a highly reactive form of oxygen. At normal concentrations it is colorless and odorless. At high concentrations (often associated with thunderstorms or arcing electric motors), it is an unstable bluish gas with a pungent odor. Ozone is a major component of photochemical smog, although the visibility reduction and odor resulting from smog are produced by other pollutants such as particulates and nitrogen oxides.

Ground level ozone in high concentrations is considered an air pollutant, while stratospheric ozone in the upper atmosphere (12-30 miles above the ground) is critical for absorbing cancer-causing ultraviolet radiation.

Ozone is not emitted but formed when nitrogen oxides (NO_x) and volatile organic compounds (VOC) react in the presence of sunlight. Volatile organic compounds come from automobile exhaust, gasoline vapors and chemical solvents (and also some vegetation). Nitrogen oxides come from burning fuels.

Gov. John Bel Edwards proclaimed May as Air Quality Awareness Month. It is the official start of ozone season here in Louisiana. Ozone formation rates are highest on sunny, dry days where there is little wind, which makes Louisiana a perfect blending place.

EPA established the Advance Program to assist communities close to nonattainment help in taking proactive measures. LDEQ actively implemented the Advance Program and is working with local governmental entities that have chosen to enroll in the free program designed to address both ozone and PM2.5 pollution (small particle). Local measures that are implemented to reduce pollution levels can be taken into account by EPA when future attainment designations are made.

According to EPA, belonging to Advance and having approved programs may provide local areas with additional time to reach compliance before being designated nonattainment. LDEQ staff has been working with governmental agencies across the state to get areas enrolled in the program. Metropolitan areas including Shreveport, Lake Charles, New Orleans, Lafourche- Terrebonne, Baton Rouge, Lafayette and Alexandria have elected to participate.

What can the average person do to help improve air quality? See below:

MAML Fiscal Year Activities

All MAML activity for the Fiscal year were planned missions:

10-29-16 Clean Harbors

1-12-17 Exxon Refinery
Wet Gas Scrubber

3-16-17 Colonial Landfill

7-6-17 Adsorbent Solutions

- Working in gardens and recreational activities can cause unintended impacts on our air quality. Did you know that 20-30 percent of fuel used to power carbureted 2-stroke engines (outboard motors, jet skis, chain saws, weed eaters and gas blowers) never gets burned and is released directly into the air or water? If you replace these with newer 4-stroke or direct fuel injection 2-stroke equipment you can save money and reduce pollution. Driving a motorboat with an outboard engine for one hour may make as much air pollution as driving a late model car for 800 miles.
- Sitting in drive-thru lanes at a fast food restaurant or other business impacts our air. Ten seconds of idling uses more fuel than restarting your engine. Restarting a car many times has little impact on engine components such as the battery and starter motor. Idling your vehicle with the air conditioning on can increase emissions by 13 percent. Excessive idling can be hard on your engine and because the engine isn't working at peak operating temperature, fuel doesn't undergo complete combustion.
- Reducing energy consumption in your home reduces the burden on the electrical grid, reduces power plant emissions and lowers your utility bill.
- Taking your lunch to work to avoid driving in midday when ozone formation is really cranking up is a good option.
- Flexible work hours, telecommuting, combining errands and carpooling to work helps reduce the emissions that get into the air.
- Waiting until later in the day, preferably after 6 p.m., to mow your lawn or fuel your car helps keep emissions out of the air in the middle of the day when sunlight is strongest.
- When you are grilling, use propane if possible.

All of these little things help our air quality a great deal. We can all be part of the solution.



LDEQ environmental scientists Corey Schwartzburg (left) and Jimbo Earles (piloting the boat) conduct search and rescue operations with help from East Baton Rouge Fire Department Capt. Kleinpeter (in yellow jacket) in Baton Rouge.

LDEQ helps communities affected by August flood

In August 2016, flooding brought disaster to Baton Rouge and surrounding areas. The weather event was catastrophic for southern Louisiana. According to the Louisiana Department of Economic Development, an estimated 109,100 housing units were flooded, approximately 19,900 businesses were temporarily closed or had significant closures, and more than 90,000 vehicles were damaged. The LSUAg Center estimates the loss to crops at \$110,200. The sheer volume of water caused an event that would require all-out immediate effort.

LDEQ, a first response agency, immediately started response efforts, even though 101 of its own employees – including the Secretary – were impacted by high water.

As the Incident Command System was rapidly implemented at the Governor’s Office of Homeland Security and Emergency Preparedness, LDEQ’s Emergency Response, Water Survey Section and Surveillance Division and regional offices deployed personnel, boats, vehicles and resources to assist in the recovery and response effort. LDEQ staffed the Joint Information Center to assist with media inquiries as resources were staged and readied for deployment.

LDEQ’s Capital Regional Office deployed six boats supported by three boats from the Acadiana Regional Office (based in Lafayette). Three additional boats at the Southeast Regional Office (SERO) in New Orleans were placed on standby ready to assist the National Guard. Dwight Bradshaw, environmental scientist staff at SERO, conducted two overflights of the Amite/Comite and the Vermilion/Mermentau Basins for search and rescue reconnaissance and to identify any potential or existing environmental hazards such as rack lines, oil sheens and chemical spills.

Evacuations had to be effected quickly as many residents found themselves trapped in their homes or stuck out on the road by fast-rising water. Search and rescue efforts were conducted to assist with the immediate needs of evacuees. Teams from LDEQ also accompanied Louisiana State Police Hazardous Materials units to conduct RNA – Rapid Needs Assessments – in order to assess facilities for signs of any damage or imminent threat to human health and the environment.

The Acadiana Regional Office (ARO) based in Lafayette deployed six employees to Baton Rouge on Sunday, Aug. 14. Based at the East Baton Rouge Emergency Operations Center, the group divided into three teams and conducted boat rescue operations in a neighborhood near Sherwood Forest Blvd. and Old Hammond Highway.

ARO staff also supported LDEQ headquarters personnel at the Incident Command on Tuesday, Aug. 16, and conducted Incident Command response efforts during August. Staff from the Southeast Regional Office in New Orleans assisted with debris oversight/landfill inspections and contacting calls to LDEQ permit holders in the affected areas.

Dr. Hassan Ghosn, administrator for LDEQ Air Permits Division, marshaled volunteer cleanup teams to assist those employees in need, while the department's Office of Management and Finance set up donation portals through PayPal and Eagle Federal Credit Union as well as voluntary donations and money received through a gift basket raffle, casual day fundraiser and a popcorn sales fundraiser.

LDEQ also assisted employees with disaster assistance sign-ups through FEMA.

After the initial efforts, LDEQ settled down to tackle the task of collecting and supervising the massive amount of debris generated by the flood. Emergency debris sites, preapproved before the flood, were opened and although the parishes commissioned the pick-ups, LDEQ personnel oversaw the process and made sure that the debris was disposed of properly.

Temporary staging sites expedited the removal of debris and increased the amount of debris collected by 66 percent. The temporary staging sites were used only during the declared

emergency. Debris sorting was an important part of managing the huge amount of debris collected. White goods and electronics were sent to the proper areas and facilities for processing and recycling.

LDEQ has a detailed debris plan, revised with the lessons learned after Katrina, that has been shared with other states who have suffered severe weather events.



LDEQ oversaw debris management after the flood. The affected parishes contracted trucks to pick up the debris.

LDEQ's Criminal Investigation Section's efforts yielded more than \$507,000 in fines stemming from environmental violations

In 2016-2017, LDEQ's Criminal Investigation Section (CIS) investigated more than 29 cases, resulting in the conviction of eight companies and individuals, with fines totaling \$507,000.00. A total of 149 months of probation and six months of jail time were handed down to defendants through district courts. In addition, more than \$294,253 in restitution was obtained as a result of CIS's investigative efforts.

Through the section's community and investigative functions, it provided more than 291 hours of outreach activities and more than 188 hours of criminal and administrative assists in support of other law enforcement agencies.

The section is composed of an attorney and a manager who lead a team of investigators who are charged with the investigation of environmental crimes that fall under LDEQ's purview within the state. Through the assistance of local, state and federal law enforcement partners and parish district attorneys, CIS investigates a wide array of environmental crimes.

While the majority of cases typically involve illegal dumping or the discharge of pollutants into or near waters of the state, administratively based crimes such as filing false reports, permit violations and submitting fraudulent documentation to the department are also investigated.

Citizens are actually the state's frontline environmental watchdogs, so their efforts are paramount to protecting our health and our natural resources. Calls, reports and tips from the general public are vital in assisting CIS with stopping the illegal activity and providing for the safety of the public and the environment. Since environmental crimes continue to occur, the ongoing mission is to engage every citizen in the state to take pride in their community, keep a close eye on its appearance and cleanliness and take an active role in protecting the air, soil and water around them.

"Our investigations stretch across all 64 parishes in Louisiana, from larger, highly populated metropolitan areas to small, rural towns with low populations," Mike Daniels, Attorney for LDEQ's Criminal Investigation Section said. "Every crime or potential crime is taken very seriously and CIS works very closely with our law enforcement and governmental partners to aggressively prosecute any party that chooses to break our state and federal environmental laws."

A major component of their outreach function is the hosting of periodic Environmental Law Enforcement Training Workshops. The most recent one was held on March 23, 2016, in Baton Rouge at LDEQ Headquarters. These workshops offer a very unique opportunity to hear from federal, state and local law enforcement regarding environmental crimes and environmental laws. Speakers provide important information regarding the laws and actions regarding illegal dumping and burning, water pollution, littering and air pollution.

These workshops are free and open to the public, with the target audience being law enforcement officials, justices of the peace, constables, state and city prosecutors, elected and appointed officials, environmental managers, code enforcement officers, public works directors and health department sanitarians. In addition to LDEQ's Criminal Investigation Section, the workshops are co-hosted by Keep Louisiana Beautiful, U.S. Environmental Protection Agency's Criminal Investigation Division and Louisiana Department of Wildlife and Fisheries' Enforcement Division.

In conjunction with LDEQ's social media platforms ramping up this past year, citizens can stay informed and interact with CIS as well as the department through the YouTube, Twitter and Facebook portals. A video on the illegal dumping of waste and one on the proper maintenance of home sewage systems were recently produced by the department in order to help to spread the word and inform the public on how to comply with environmental regulations and do what's right.

Emboldening those endeavors is LDEQ's new website, which features several methods by which one may report an incident.

Citizens may file a complaint online by going to: <http://deq.louisiana.gov/page/file-a-complaint-report-an-incident>, or they can call in to the Single Point of Contact (SPOC) line to make a verbal report. All inquiries are thoroughly investigated and logged.

Whether the event is criminal in nature, a spill or chemical release, or simply a request for an investigation of a questionable activity or environmental eyesore, it's important to contact LDEQ and make a report so that we can be made aware of the issue and work toward putting a stop to the activity.

For more information on LDEQ's Criminal Investigation Section, please visit their page: <http://deq.louisiana.gov/page/criminal-investigation>.



Left: A large illegal tire dump exists blocking the roadway at the intersection of Chef Menteur and I-510 on the southwest Frontage Road in New Orleans east.

Above: A LDEQ Criminal Investigation Section agent observed evidence of cardboard, mattresses, and appliances in the yard of the facility. Some evidence of burning had taken place.

LDEQ reinstates the Office of Environmental Assessment

One of the goals of Dr. Chuck Carr Brown when he took over as LDEQ secretary was the resurrection of the Office of Environmental Assessment. Job done.

The office, which increases the functionality of the department, was recreated Jan. 1, 2017, with Roger Gingles as executive management officer. The new Office consists of four divisions: Air Planning and Assessment with Donald Trahan as administrator; Remediation, with Gary Fulton as Administrator; Underground Storage Tanks, with Percy Harris as administrator; and Water Planning and Assessment, with Jonathan McFarland as administrator.

The Air Planning and Assessment Division includes:

- Air Field Services, the division that maintains air quality monitoring sites around the state that take air samples to be sure that Louisiana meets ambient air quality standards. The Mobile Air Quality Laboratory (MAML) resides in this group.
- Air Quality service that includes the State Implementation Plan group, conducts Phase Two emissions, Inspection and Maintenance that deals with inspection stations and stickers, works with environmental planning, and administers the Diesel Emission Reduction Act (DERA) Program.

The Water Planning and Assessment Division includes:

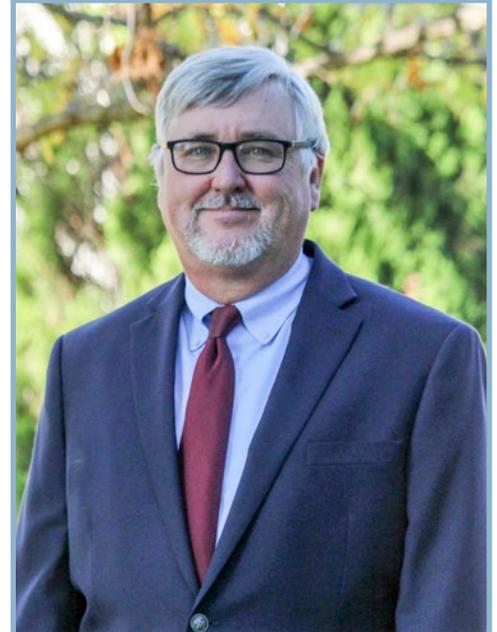
- The State Revolving Loan Fund
- Total Maximum Daily Load Program (TMDL)
- Nonpoint Source Pollution Program – which includes the Drinking Water Protection Program
- Aquifer Protection Program
- Water Standards and Assessment
- Water Survey Program – which includes mercury sampling

Remediation Division includes:

- Risk Evaluation Corrective Action Program (RECAP)
- Brownfields and Voluntary Remediation Program

The Underground Storage Tank Division

Contact Information for the Office of Environmental Assessment is Office of Environmental Assessment, P. O. Box 4314, Baton Rouge, LA 70821-4314 or 225-219-5337.



Roger Gingles is now assistant secretary for the Office of Environmental Assessment.

LDEQ presents 2017 Environmental Leadership Awards

LDEQ's Environmental Leadership Program began as a cooperative effort between LDEQ and companies and has been in existence since 1995. It promotes voluntary stewardship of the environment and encourages going beyond regulation to do so.

"The Environmental Leadership Program encourages voluntary actions to help improve the environment and the quality of life in Louisiana," LDEQ Secretary Dr. Chuck Carr Brown said. "With local schools, governments and industries promoting innovative ways to reduce pollution, recycle and reuse resources beyond regulations, we get the best results and help educate the public about voluntary environmental protection."

LDEQ hosted the Environmental Leadership Awards at the LDEQ headquarters in the Galvez building in downtown Baton Rouge, March 22. LDEQ Secretary Dr. Chuck Carr Brown opened the event and recognized the ELP winners environmental achievements. Members of ELP were commended for their voluntary pollution prevention efforts, community environmental outreach initiatives, and environmental ordinances that went above and beyond regulatory compliance to improve the environment.

ELP Awards were presented to large, medium and small businesses, municipalities and academia. Twenty-one new ELP members who joined in 2016-2017 were recognized. This year, LDEQ presented 17 awards in recognition of the following:



Dr. Chuck Carr Brown presents an ELP Award School Achievement Award in Community Environmental Outreach for its Pro Terra Nova For a Good Earth Project to St. Margaret Catholic School from Lake Charles.

Pollutants reduced by the projects:

- 1,227,882 pounds (lbs) of pollutants including VOCs, NO_x, CO₂, CO, SO₂, PM, H₂S, spent catalyst, spent caustic, hazardous catalyst
- 21,000 gallons (gals) of wastewater

Pollutants reused:

- 8,760,000 gals Renewable Natural Gas (RNG) purified from landfill gas

Pollutants recycled:

- 18,853,832 lbs e-waste
- 2,558,179 gals oily water

Today, any company, federal entity, municipality, non-governmental organization, school or university committed to improving the quality of the state's environment is eligible to join the program. For more information about the ELP, please contact Tomeka Prioleau at 225-219-0877 or visit the LDEQ website at www.deq.louisiana.gov/elp.



2017 ELP Award Winners

Rubicon, LLC: Geismar, LA Equipment Reliability Advances & Energy Savings Through Insulation Improvements Project

Rubicon was awarded the Environmental Leadership Program (ELP) Large Business Achievement Award in Pollution Prevention for the Insulations Improvements Project. Rubicon's Risk-based Mechanical Integrity (RBMI) Team focused on insulation installed on numerous process systems in a production facility to reduce heat transfer between the process and the environment, thus conserving energy. Water or moisture trapped under insulation and in direct contact with equipment results in corrosion under insulation (CUI). CUI can severely damage equipment and increase the risk of an environmental release from that damaged equipment. The RBMI and Maintenance teams utilized aerogel insulation to eliminate the risk of CUI and increase equipment reliability. With the installation of aerogel insulation, the number of equipment failures decreased by 35 percent and increased the reliability of process equipment requiring insulation.

Rubicon, LLC: Geismar, LA Hydrochloric Acid Handling Improvements Project

Rubicon was awarded the ELP Large Business Achievement Award in Pollution Prevention for the hydrochloric acid project. Hydrochloric acid, generated as a by-product of the MDI process, is generally stored prior to use elsewhere onsite or for outside sales. Traditionally, the HCl for outside sales was transported vial railcar or tank truck to customers. In an effort to reduce environmental risks and promote continuous improvement and sustainability, a project team developed a project to include a new transfer pipeline routed directly to the customer. Additional management practices have been implemented by production personnel to ensure safe operation of the pipeline that minimizes the potential for adverse impacts to the environment. In 2015, Rubicon exported approximately 3000 tank trucks and 2000 railcars of HCl compared to 640 tank trucks and 94 railcars of HCl in 2016 through November.

Alliance Compressors: Natchitoches, LA Cardboard and Plastics Recycling Project

Alliance Compressors was awarded the ELP Large Business Achievement Award in Pollution Prevention for initiating a comprehensive plant-wide cardboard and plastic bag recycling program. During the busy season, approximately 7,000 compressors per day are made at this plant. The required parts, main bearings and scrolls, are shipped in large cardboard boxes or plastic crates. These boxes and crates are always lined with a large heavy plastic bag. Both the boxes and the plastic bags were recycled. Last year, the facility recycled 217,000 pounds of cardboard and 46,400 pounds of plastic bags.

Stuller, Inc.: Lafayette, LA Lithium Ion Recycling Program

Stuller was awarded the ELP Large Business Recognition Award in Pollution Prevention for its lithium ion recycling program. Stuller is one of the largest jewelry manufacturing and distribution facilities in the United States, and an industry leader in the domestic and international wholesale jewelry sectors. Committed to promoting sustainability through recycling, the facility recycled 100 percent of out-of-date lithium ion batteries. Battery Recyclers of America manages the spent battery stream with EPA approved facilities all across the U.S. Stuller and Battery Recyclers of America teamed together to recycle 1.2 tons of lithium ion spent batteries and promote environmental sustainability.

Alon Refining Krotz Springs, Inc.: Krotz Springs, LA Flare Gas Minimization Project

Alon Refining was awarded the ELP Medium Business Achievement Award in Pollution Prevention for the flare gas minimization project. This project involved removing or minimizing streams flowing to the flares and installing H₂S removal systems on each flare. Alon operates two flares, one for the Crude Complex and one for the Fluid Catalytic Cracking Units Complex. All streams routed to the flares were identified for either removal or minimization. Flow and parameter monitoring systems existing on each flare were used to confirm reductions in emissions in VOC, PM, NO_x, and CO to the atmosphere. Installing the removal systems on each flare resulted in reductions in SO₂ and H₂S.

Alon Refining Krotz Springs, Inc.: Krotz Springs, LA Propane (C3) Treater Catalyst Upgrade Project

Alon Refining was awarded the ELP Medium Business Achievement Award in Pollution Prevention for the catalyst upgrade project. Alon implemented the Propane (C3) Treater Catalyst Upgrade Project in which a new layered absorbent-type catalyst was used in the place of historically used potassium hydroxide. The catalyst removes sulfur compounds from propane products. When spent, the catalyst becomes a hazardous spent caustic and must be removed and transported off-site for recycle or disposal. The new catalyst lasts much longer and is non-hazardous, resulting in a 90 percent reduction in spent catalyst and as a non-hazardous material, eliminates the need for transporting off-site for recycling or disposal. Management of the fresh and spent catalyst is much safer and environmentally friendly.

Alon Refining Krotz Springs, Inc.: Krotz Springs, LA Merox Spent Caustic Recycling Project

Alon Refining was awarded the ELP Medium Business Achievement Award in Pollution Prevention for its recycling project. Merox Caustic is used in the refinery for reducing sulfur compounds from gasoline blend stock. When spent, the caustic normally becomes a hazardous waste and must meet treatment and disposal standards. The recycling project identified a fresh caustic manufacturer capable of taking the spent caustic as feedstock to produce fresh caustic, in lieu of generating, transporting, and disposing of 290,000 pounds of hazardous waste. Resource recovery of the spent caustic ensures continued use of the material as opposed to destruction and/or disposal.

River Birch, LLC.: Avondale, LA Landfill Gas Collection & Purification

River Birch was awarded the ELP Small Business Achievement Award in Pollution Prevention for its landfill gas collection and purification project. A significant component of River Birch's Pollution Prevention and Waste Reduction Program is the efficient collection of landfill gas. Most Subtitle D landfills collect landfill gases and destroy the methane, non-methane organic compounds and hydrogen sulfide using thermal destruction. River Birch initiated construction of a landfill gas purification plant and began processing landfill gas, separating the methane from the other gaseous constituents. A pure "renewable natural gas" (RNG) that meets or exceeds quality standards for commercial, industrial and residential use was produced. Currently, River Birch produces approximately 3,000 decatherms (MMBTU) per day of RNG, sending this gas to a commercial natural gas pipeline for use. This equates to approximately 24,000 gallons of gasoline per day or 8.76 million gallons of fuel per year. The processing of landfill gas to natural gas results in greenhouse emission reductions greater than 60 percent.

Capital Area Corporate Recycling Council (CACRC): Baton Rouge, LA E-Recycling

CACRC was awarded the ELP Small Business Achievement Award in Pollution Prevention for its recycling project. Working with 19 municipalities and businesses, CACRC was involved in community recycling events that diverted 81,994 pounds of electronic material from landfills. Computers, laptops, monitors, and other material that could be refurbished were given a new life in the community to help bridge the digital divide for many families. Additionally, CACRC recycled another 2,280,000 pounds by drop-offs and collections from around the state.

Advanced Specialized Carriers, LLC.: Pineville, LA Pollution Prevention & Beneficial Reuse Program

Advanced Specialized Carriers (ASC) was awarded the ELP Small Business Recognition Award in Pollution Prevention for its pollution prevention & beneficial reuse program. ASC recycled oily water, soapy water, ink-wash water and used oil. ASC promoted fuel blending and waste-to-energy for all hazardous wastes. With the addition of six ecofriendly units to its fleet, ASC endeavors to be an efficient Emergency Response team, conscious of the environmental concerns when responding to events. ASC recycled 2,558,179 gallons of oily water, soapy water and ink-wash water. Approximately 23,100 gallons of used oil was recycled during the year.

St. Landry Parish Solid Waste Disposal District: Washington, LA Hazardous & Special Waste Program

St. Landry Parish Solid Waste Disposal District was awarded the ELP Municipality Achievement Award in Pollution Prevention for their hazardous and special waste management program. St. Landry Parish Solid Waste Disposal District implemented an integrated approach to special waste (not covered in normal activities) and hazardous waste handling. Parish-wide locations are available for daily, continuous and convenient disposal of special wastes. A one-day event is held annually for disposal of these special wastes as well as hazardous material and paint. The event is a community-wide outreach event provided at no cost to residents, with numerous entities participating each year. Over 226,000 pounds of special and hazardous waste was diverted to recycling outlets. Additionally, over 16,000,000 pounds of scrap metal, compost and wood waste were recycled. The Parish-wide collection event resulted in 26,000 pounds of assorted special and hazardous waste materials being dropped off for disposal. These totals represent 1.6 pounds of special and hazardous waste from every resident in the parish at a cost of \$0.77 per household.

Sewerage & Water Board of New Orleans: New Orleans, LA Growing Water Literacy

The Sewerage and Water Board of New Orleans (SWBNO) was awarded the ELP Municipality Achievement Award in Community Environmental Outreach for their literacy program. SWBNO made a commitment to grow water literacy by developing a robust education and engagement program. The education program was to: 1) inform, educate and empower residents of New Orleans to be watershed stewards and 2) create opportunities and programs that encourage Board employees and City counterparts to share their knowledge, skills and abilities in water management with the community to grow water literacy and empower citizens while fostering trust. Education and outreach initiatives were designed for citizens of all ages and link purposefully with workforce development programs that support retention of a fully staffed, highly skilled workforce.

Jefferson Parish Stormwater Task Force Coalition: Jefferson, LA Stormwater Task Force Coalition

The Jefferson Parish Stormwater Task Force Coalition was awarded the ELP Municipality Achievement Award in Pollution Prevention for its stormwater coalition project. Storm water pollution, from point sources and nonpoint sources is a challenging water quality problem for us all. Recognizing that education and outreach are key components to any successful storm water program, the Jefferson Parish Department of Environmental Affairs undertook a series of activities as part of their community outreach campaign to educate the school children, the general public, homeowners, construction site operators and lawn maintenance companies about water quality. Educational workshops targeted general contractors, both commercial and residential, to increase awareness as to how their activities contribute to pollution entering Lake Pontchartrain and surrounding water bodies. The workshops also focus on opportunities to reduce pollution and lower the impacts of these activities.

City of Monroe: Monroe, LA Fight the Blight Campaign

The city of Monroe was awarded the ELP Municipality Achievement Award in Environmental Ordinance Enhancement for its “Fight the Blight” Campaign. The purpose of the “Fight the Blight” Campaign was to remove vacant and abandoned properties from neighborhoods through a more effective, transparent process, embedded in community values and measurable. Existing ordinances were updated and modified for additional authority to help enforce and regulate the laws applicable to blighted properties and simplify the abatement process. Final adoption of the “Fight the Blight” laws revised the city of Monroe’s Environmental Court procedure by allowing the implementation of legislation for a code lien. These new laws held the property owners more accountable for their blighted, vacant and abandoned properties. Compliance increased while environmental court dockets decreased, property owner demolitions increased, revitalization of condemned structures increased, and more remodeling permits were issued as opposed to demolition permits.

Baton Rouge Community College: Baton Rouge, LA Water Resources Awareness

Baton Rouge Community College was awarded the ELP University Achievement Award in Community Environmental Outreach for its awareness campaign. The Water Resources Awareness Campaign was a multi-activity approach taken by faculty of the STEM Division, Green Bears Club, and Human Rights Initiative. The goal of the three activities was to engage BRCC students, faculty, staff and the local community in environmental issues. Two Karen Stephens Science lectures were held along with the biannual Geaux Green Day the week before Earth Day. An e-waste recycling event was held in conjunction with the Geaux Green Day activity. These events provided a variety of educational opportunities where the community had access to information on the importance of water as a resource, and green and sustainable practices that allow for the protection of water. These outreach efforts were designed to stimulate a change in attitudes and behaviors of the BRCC community.

Louisiana State University: Baton Rouge, LA Refills Not Landfills

Louisiana State University (LSU) was awarded the ELP University Recognition Award in Pollution Prevention for its Refills Not Landfills Project. This project was initiated to educate students about the waste management hierarchy. The goal was to reduce bottled water and coffee cups waste at LSU by giving away stainless steel reusable bottles to students, which could be used instead of plastic bottles and paper coffee cups (usually made of paper fiber and low-density polyethylene plastic). Three new bottle refill stations (for a total of 14 stations) were installed to provide access to clean, filtered water and to further promote the use of reusable bottles on campus. The refill stations are “smart” stations that automatically calculate how many refills have occurred at each station, which is tracked. Campus Sustainability partnered with LSU Design, Planning & Construction to create a design guideline that requires at least one bottle refill station be added during new construction or major renovations in campus buildings, further reducing the amount of paper and plastic that would be sent to landfills.

St. Margaret Catholic School: Lake Charles, LA Pro Terra Nova For a Good Earth

St. Margaret Catholic School was awarded the ELP School Achievement Award in Community Environmental Outreach for its Pro Terra Nova For a Good Earth Project. The mission of this community environmental outreach effort was to help educate the school, community and families on the effects and affects we have on our Earth. The projects consisted of working the Citgo eCycle day, beach grass planting, St. Margaret Catholic Church CalcaChew food festival and PTC meetings to promote recycling, Caraway’s Pharmacy tree decoration, TerraCycle, Funding Factory, and a summer Energy Camp. Specifically, recycling flyers were distributed in the newsletter, at community events, open house, and PTC. Data regarding the weekly recycling collections and eCycle collections were recorded. Additionally, TerraCycle and Funding Factory sites were monitored for items for packaging and shipping. As a result of these activities, students learned about solid waste and its relationship to natural resources and energy, including recycling, landfilling and environmental impact.

2017 Envirothon held at the LSUAg Botanic Gardens

Episcopal School of Baton Rouge won first place in the 2017 Louisiana Envirothon Environmental Competition held at the LSU AgCenter Botanic Gardens in Baton Rouge. Four junior high and high school teams participated in the environmental problem-solving competition that includes testing in aquatics, forestry, soils, wildlife, a current issue on Agricultural Soil and Water Conservation Stewardship and an oral presentation.

Participating schools were Westdale Middle School, Quitman High School FFA, Keithville Elementary/ Middle School 4-H Club and Episcopal School of Baton Rouge.

During the competition, each team completes five written field tests, each dealing with a different topic. These tests consist of various question types, including identifications and hands-on assessments. Each team prepares an oral presentation on the current issue topic, which the team presents to a panel of judges. An important element of the competition is the understanding that each topic

is interrelated, and understanding human effects on the environment and how human activities connect with ecosystem functions. Each test is scored out of 100 points, with the presentation being scored out of 200 points. The team with the highest cumulative total of points at the end of the scoring is the winning team. Recognition is also given to teams with the highest scoring in each of the five categories.

Quitman High School-Future Farmers of America (FFA) took second place, with Westdale Middle School taking third place. Winning teams received recognition and were awarded plaques, medals and cash prizes.

Episcopal School of Baton Rouge achieved the high scores on station tests for Aquatics, Wildlife, Soils and the Oral Competition. Quitman High School- FFA took the high scores for Soils, Forestry and the Current Issue on Agricultural Soil and Water Conservation Stewardship.

The Louisiana Environmental Education Commission and the LSU AgCenter Botanic Gardens are the major sponsors for the Louisiana Envirothon. Patron level sponsorship was received from the Louisiana Science Teachers Association and supporter level sponsorship was received from Redfin Realty and Raising Cane's Chicken Fingers.



Participants of the 2017 Envirothon

In hosting the competition, Envirothon partnered with the Louisiana Department of Environmental Quality, Louisiana Department of Agriculture and Forestry, Louisiana Department of Wildlife & Fisheries, LSU School of Plant, Environmental and Soil Sciences, LSU's Superfund Research Center and Southern University and A&M College–Urban Forestry Program.

For more information on Envirothon or to enter a team for next year's competition, please visit www.deq.louisiana.gov/envirothon or follow us on Facebook.



*First place Envirothon Winners
Episcopal School of Baton Rouge*



*Second place Envirothon Winners
Quitman High School-Future Farmers of America (FFA)*



*Third place Envirothon Winners
Westdale Middle School*



LDEQ Graphic Designer/Videographer Emily Barlett (l) films video on landfills as LDEQ Engineer Manager Jason Meyers narrates.

LDEQ updates its website and expands its presence on social media

During this fiscal year, the Louisiana Department of Environmental Quality teamed up with Covalent Logic in Baton Rouge to revamp the department website in order to be more user-friendly and in step with current technology. The goal of the update is to streamline information to allow citizens to access data more quickly and easily.

While the transition from the old to the new was taking place, the department was broadening its footprint on social media by launching a YouTube channel and revitalizing the Twitter handle. Links to those sites, as well as the Facebook page, can be accessed through their respective icons on LDEQ's website. Overall, the focus is to extend the department's reach across the web, allowing for a smooth, give-and-take flow of information between the general public and the department.

Content on Twitter will consist of emergency alerts and critical messages as well as community outreach events and links to LDEQ press releases which will be posted on the LDEQ website.

Short instructional videos, tutorials and messages from LDEQ staff covering a variety of environmental topics will be introduced on the YouTube channel. The channel will feature short visual demonstrations on the variety of areas that fall under the department's purview, such as how to manage your home sewer system, an overview on LDEQ's air monitoring capabilities, a crash course on landfills and the regulations regarding open burning, among other topics.

The primary source for up to date information will continue to be the agency website at: www.deq.louisiana.gov, with Facebook, Twitter and YouTube operating as supporting platforms that will serve as reference points for information, videos and photos of LDEQ activities.

For news and information, please follow us at the following portals:



Website: www.deq.louisiana.gov



Facebook: <https://www.facebook.com/LouisianaDEQ>

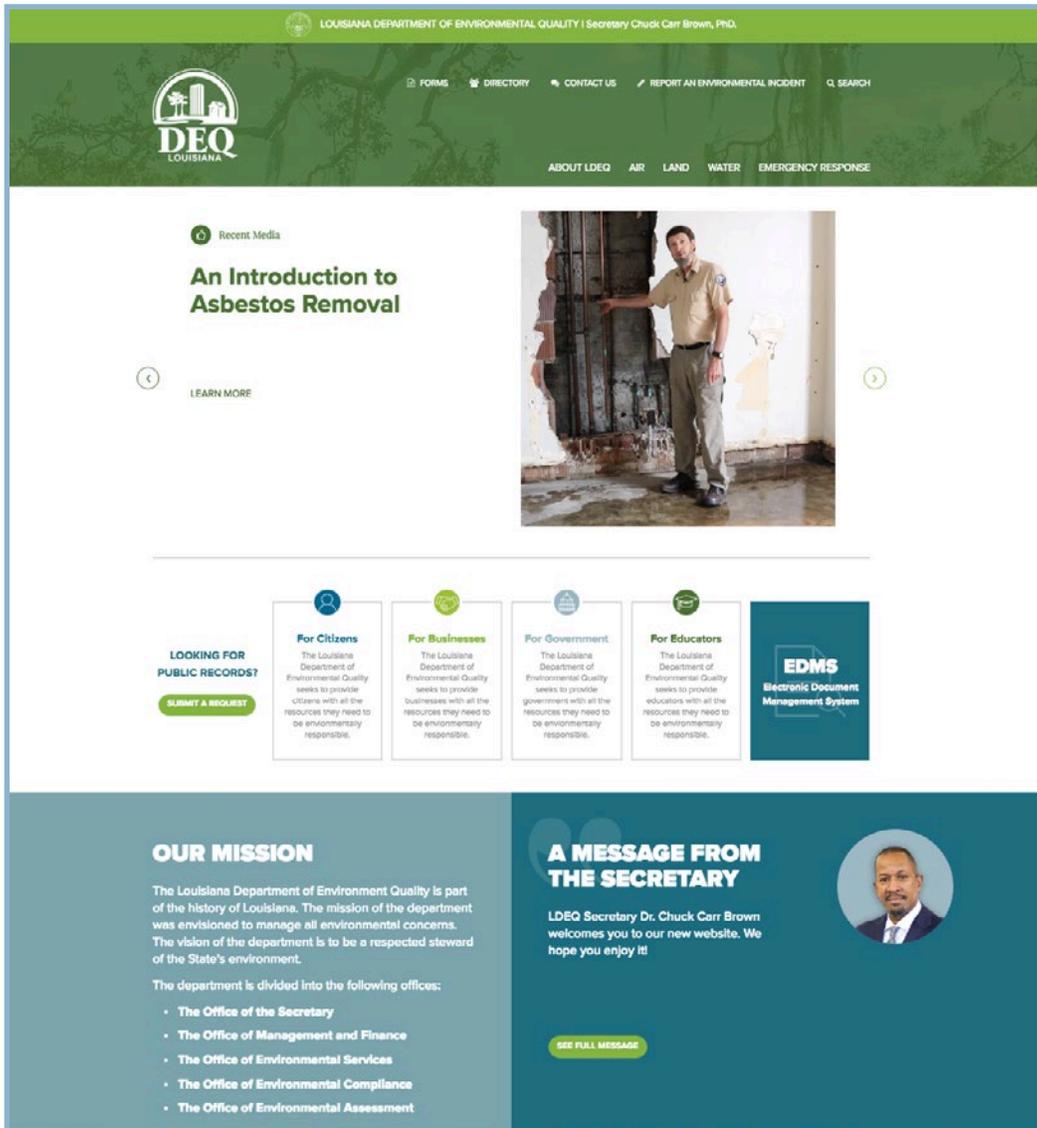


Twitter: @LOUISIANA_DEQ



YouTube: Louisiana Department of Environmental Quality

Direct link: <https://www.youtube.com/channel/UCP0mXFck7gdZRpyAJYxDIRw>



Updated look of the LDEQ website

LDEQ Throughout The Year



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Office Of The Secretary

COMMUNICATIONS	
PRESS RELEASES	45
DISCOVER DEQ E-NEWSLETTERS	12
PRESS CLIPPINGS	6,539
TV AND RADIO SELF BOOKINGS	5
ENVIROFLASH SUBSCRIBERS	2,476
GRAPHICS	118
YOUTUBE VIDEOS	14

ENVIRONMENTAL LEADERSHIP PROGRAM NEW MEMBERS	
BUSINESSES	120
FEDERAL FACILITIES	4
MUNICIPALITIES	52
ACADEMIA	47
NON-GOV'T ORGS	11
TOTAL MEMBERS	234

LEGAL AND REGULATION DEVELOPMENT	
COURT APPEARANCES	285
PLEADINGS PREPARED	70
LEGAL CONSULTATIONS	54,060
PUBLIC HEARINGS	39
COOPERATIVE AND SETTLEMENT AGREEMENTS NEGOTIATED	56
ETHICS CONSULTATIONS	226
REGULATION PACKAGES PREPARED AND REVIEWED	62
ENFORCEMENT ACTIONS REVIEWED	799
FEES AND PENALTIES COLLECTED	\$1,728,797.15

ENVIROSCHOOL	
NUMBER OF PARTICIPANTS	162
NUMBER OF SESSIONS	9
NUMBER OF TOPICS	3
NUMBER OF INSTRUCTORS	12

CRIMINAL INVESTIGATION DIVISION	
NUMBER OF LEADS RECEIVED	76
NUMBER OF CASES OPENED	29
NUMBER OF CRIMINAL/ADMINISTRATIVE ASSISTS	54 (188.5 HOURS)
NUMBER OF OUTREACH ACTIVITIES	70 (291 HOURS)
NUMBER OF CRIMINAL CASES REFERRED TO DA	11
NUMBER OF DEFENDANTS SENTENCED	8
JAIL TIME	6 MONTHS
PROBATION	149 MONTHS
CRIMINAL FINES	\$507,000.00
RESTITUTION	\$294,253.00
COST OF INVESTIGATION	11,430.00

Office Of The Secretary

SMALL BUSINESS/SMALL COMMUNITY ASSISTANCE PROGRAM REGULATORY COMPLIANCE ASSISTANCE		
COMPLIANCE ASSISTANCE	1,257	PROVIDE ASSISTANCE TO LOCAL COMMUNITY, MUNICIPALITIES AND NEW AND EXISTING SMALL BUSINESSES TO UNDERSTAND THE REGULATORY PROCESS, ENSURE COMPLIANCE WITH ENVIRONMENTAL REGULATIONS AND REMAIN VIABLE AND PRODUCTIVE ECONOMIC DEVELOPMENT ENGINES THAT DRIVE LOUISIANA'S ECONOMY. DETERMINE REGULATORY COMPLIANCE, AND HOW REGULATIONS AFFECT A BUSINESS OR COMMUNITY. ASSIST WITH KNOWLEDGE AND COMPLIANCE OF MULTI-MEDIA REGULATIONS, PERMITS AND PLANS.
PERMITS ASSISTANCE	1,985	PROVIDE ASSISTANCE TO SMALL BUSINESSES AND COMMUNITIES WITH PREPARATION OF PERMIT APPLICATIONS, REPORTS, REGISTRATIONS, PLANS AND REGULATORY DOCUMENTS. CONTACT NEWLY PERMITTED FACILITIES TO PROVIDE ORIENTATION OF COMPLYING WITH PROVISIONS OF PERMIT.
CORRESPONDENCE SENT	1,278	PROVIDE THE INFORMATION ON ENVIRONMENTAL REGULATION TO SMALL BUSINESSES AND COMMUNITIES PER REQUEST.
WORKSHOPS/SEMINARS	93	PARTICIPATE IN OR ORGANIZE EDUCATIONAL WORKSHOPS/SEMINARS IN CONJUNCTION WITH LOCAL GOVERNMENT, ENVIRONMENTAL GROUPS, LDEQ OPERATIONAL GROUPS, AND SBCAP PARTNERS (E.G. LRWA, LMA, LPJA, LSU)

CLEAN WATER STATE REVOLVING FUND PERFORMANCE DATA	
VALUE OF LOANS SINCE INCEPTION (1990) TO FY2016	\$1,049,121,357.79
NUMBER OF LOANS SINCE INCEPTION (1990) TO FY2016	225
VALUE OF LOANS CLOSED IN FY2016	\$47,395,781.79
NUMBER OF LOANS CLOSED IN FY2016	7

NONPOINT SOURCE AND SURFACE WATER/AQUIFER PROTECTION	
SOURCE WATER ASSESSMENT	COLLECTED GPS DATA FOR APPROXIMATELY 100 WATER SYSTEMS WHICH INCLUDED LOCATIONS FOR 214 POTENTIAL SOURCES OF CONTAMINATION AND 46 WATER WELLS
SOURCE WATER/WELLHEAD PROTECTION	PROTECTION STRATEGIES AND CONTINGENCY PLANS IMPLEMENTED FOR 117 WATER SYSTEMS; APPROXIMATELY 1,400 PEOPLE EDUCATED ON DRINKING WATER SOURCE PROTECTION; DISTRIBUTED 135 DRINKING WATER PROTECTION HIGHWAY SIGNS; 550 POTENTIAL SOURCES OF CONTAMINATION EDUCATED ON BEST MANAGEMENT PRACTICES; 12 ORDINANCES WORKED ON; ESTABLISHED AND WORKED WITH 1 SOURCE WATER PROTECTION COMMITTEE WITH A TOTAL OF 22 VOLUNTEERS IN 2 PARISHES; 6 SOURCE WATER PROTECTION VIDEOS DISTRIBUTED; 26 AQUIFER RECHARGE MAPS DISTRIBUTED
AQUIFER SAMPLING AND ASSESSMENT PROGRAM	69 WATER WELLS SAMPLED THAT PRODUCE WATER FROM THE CARNAHAN BAYOU, CATAHOULA, NORTH LOUISIANA TERRACE, MISSISSIPPI RIVER ALLUVIAL, COCKFIELD, AND CHICOT AQUIFERS
LOUISIANA NONPOINT SOURCE (NPS) MANAGEMENT PROGRAM	MANAGED 20 PROJECTS ON AVERAGE, DEVELOPED 319 NPS WORK PLANS FOR 2.3 MILLION, SUPPORTED 15 ACTIVE CONTRACTS WITH WATERSHED COORDINATORS/WATERSHED SUPPORT GROUPS FOR STATE OF LOUISIANA. DEVELOPED/REVISED 6 WATERSHED IMPLEMENTATION PLANS AND PARTICIPATED IN 18 EDUCATION AND OUTREACH EVENTS AND REACHED APPROXIMATELY 4,339 PEOPLE.

Office Of Environmental Compliance

SURVEILLANCE: INCIDENTS	
ACADIANA REGION	702
CAPITAL REGION	2,056
NORTHEAST REGION	606
NORTHWEST REGION	402
SOUTHEAST REGION	1,553
SOUTHWEST REGION	344
TOTAL	5,663

SURVEILLANCE: INSPECTIONS	
ACADIANA REGION	817
CAPITAL REGION	928
NORTHEAST REGION	307
NORTHWEST REGION	334
SOUTHEAST REGION	1,020
SOUTHWEST REGION	267
TOTAL	3,673

ENFORCEMENT: TOTAL ACTIONS ISSUED	
AIR	311
HAZARDOUS WASTE	94
MSE	1
RADIATION	304
SOLID	470
UST	219
WATER	463
TOTAL NUMBER OF ENFORCEMENT ACTIONS	1862
PENALTY ASSESSMENTS	7
EXPEDITED PENALTY AGREEMENT AND NOTICE OF POTENTIAL PENALTY	234
TOTAL PENALTY AMOUNT ASSESSED	\$328,264.61
SETTLEMENTS/ AGREEMENTS	54
TOTAL SETTLEMENT AGREEMENT	\$1,116,179.33
TOTAL BEP VALUE	\$399,595.00
UST COMPLIANCE SCHOOL	N/A
SWAT COMPLIANCE SCHOOL	113 ATTENDED

RADIATION SURVEILLANCE	
X-RAY	1,132
RADIOACTIVE MATERIALS	239
FDA MAMMOGRAPHY QUALITY STANDARDS ACT	143

RADIATION SERVICES	
RADIOACTIVE MATERIALS SERVICES LICENSES	578
REGISTRATIONS	857
CERTIFICATIONS	668
INDUSTRIAL RADIOGRAPHY TESTS ADMINISTERED	513
TESTS PASSED	371
TESTS ORDERED AND PAID FOR	586

ENFORCEMENT: DISCHARGE MONITORING REPORTS (DMRS)		
DMRS RECEIVED	# DMRS	# PAGES
INDIVIDUAL PERMITS MAJORS	10,891	44,080
INDIVIDUAL PERMITS NON MAJORS	15,451	47,193
GENERAL-NON STORMWATER PERMITS	38,636	83,078
STORMWATER PERMITS (NON CONSTRUCTION)	296	1,042
STORMWATER PERMITS (CONSTRUCTION)	12	24
UNPERMITTED FACILITIES	153	374
TOTAL	65,439	175,791
DMRS RECEIVED VIA NETDMR	# DMRS	# PAGES
INDIVIDUAL PERMITS MAJORS	10,179	38,904
INDIVIDUAL PERMITS NON MAJORS	10,254	28,934
GENERAL-NON STORMWATER PERMITS	21,876	47,646
STORMWATER PERMITS (NON CONSTRUCTION)	33	124
STORMWATER PERMITS (CONSTRUCTION)	12	24
TOTAL	42,354	115,632

EMERGENCY RESPONSE (ER STAFF MEMBERS ONLY)	
SPILLS	672
COMPLAINTS	49

SINGLE POINT OF CONTACT	
SPILLS PROCESSED	4,214
COMPLAINTS PROCESSED	3,810
WRITTEN NOTIFICATION PROCESSED	2,684

Office Of Environmental Compliance

AIR QUALITY ASSESSMENT	
AIR QUALITY MONITORING NETWORK	<p>DEQ OPERATES 39 AMBIENT (NEIGHBORHOOD) MONITORING SITES. THESE SITES EMPLOY A VARIETY OF CONTINUOUSLY OPERATING MONITORS WHICH SAMPLE 24 HOURS PER DAY, SEVEN DAYS PER WEEK.</p> <p>ON AVERAGE, 109 ARE OPERATING AT ANY GIVEN TIME, 70 OF WHICH OPERATE CONTINUOUSLY AND THE REMAINING 39 OPERATE ON SET SCHEDULES.</p> <p>LOUISIANA ALSO HAS 2 SPECIAL PURPOSE SITES - LIGHTHOUSE AND SOUTHERN UNIVERSITY. THESE SITES HOUSE 8 ADDITIONAL MONITORS THAT ARE USED FOR SPECIAL STUDIES AND PROJECTS.</p>
VOLATILE ORGANIC COMPOUNDS (VOCS)	16 SITES COLLECT ABOUT 4,100 CANISTERS PER YEAR WITH 14 SITES SAMPLING WHEN CONTINUOUS MONITORS DETECT A PRE-DETERMINED CONCENTRATION FOR A GIVEN PERIOD OF TIME FOR AN ADDITIONAL 175 CANISTERS PER YEAR. EACH CANISTER IS ANALYZED FOR ABOUT 60 INDIVIDUAL COMPOUNDS WITH MANY RECEIVING TWO SEPARATE ANALYSES.
OXIDES OF NITROGEN (NOX)	9 MONITORS (6 IN THE BATON ROUGE AREA). NOX COMBINES WITH VOCS TO FORM OZONE.
OZONE	22 MONITORS (10 IN THE BATON ROUGE AREA)
SULFUR DIOXIDE (SO₂)	11 MONITORS (4 IN THE BATON ROUGE AREA)
CARBON MONOXIDE (CO)	2 MONITORS (1 IN THE BATON ROUGE AREA)
LEAD (PB)	4 MONITORS, SAMPLES COLLECTED AND ANALYZED EVERY SIX DAYS
PARTICULATE MATTER 10 (PM10)	5 MONITORS
PARTICULATE MATTER 2.5 (PM2.5)	28 MONITORS STATEWIDE; 10 OF WHICH OPERATE CONTINUOUSLY AND 18 THAT COLLECT SAMPLES ON A TIMED SCHEDULE

REMEDIAL SERVICES	
PRELIMINARY EVALUATION ASSESSMENT (PEA)	6
INVESTIGATION WORK PLANS	81
INV AND CA IMPLEMENTATION REPORTS	48
CA WORK PLANS	88
UST COST ESTIMATES	0
MONITORING REPORTS	647
NO FURTHER ACTION	46
NO FURTHER INTEREST	62
VRP COMPLETION	0
INSPECTIONS	535
PERMIT APPLICATION REVIEWS	11
TECHNICAL ASSISTANCE REVIEWS	5
NON-TEMPO DEFINED TASKS	115

UNDERGROUND STORAGE TANK	
INVESTIGATION WORK PLANS	93
INV AND CA IMPLEMENTATION REPORTS	49
CA WORK PLANS	103
UST COST ESTIMATES	38
MONITORING REPORTS	360
NO FURTHER ACTION	71
NO FURTHER INTEREST	42
VRP COMPLETION	0
INSPECTIONS	849
NON-TEMPO DEFINED TASKS	13
UST SUPPORT	
RECEIVE APPLICATION	788
ADMINISTRATIVELY/TECHNICALLY REVIEWED	583
ISSUE ANNUAL TANK CERTIFICATE	3,599
CREATE ASSESSMENT	88
ISSUE NOTICE OF DEFICIENCY	224
ISSUE CORRECTED DEFICIENCY	319
ISSUE DEFICIENCY CLEAR	183
ISSUE NOTICE OF POTENTIAL DELIVERY PROHIBITION	85
SUBMITTED FOR CIRCUIT RIDER REVIEW	1,097
FORWARD TO ENFORCEMENT	195

Office Of Environmental Services

PUBLIC PARTICIPATION GROUP	
PUBLIC COMMENTS RECEIVED	1,535
PUBLIC HEARINGS CONDUCTED	19
PUBLIC NOTICES MAILED OUT (HARD COPIES)	75,547
PUBLIC NOTICES PUBLISHED	539
SUBSCRIBERS TO E-MAIL PUBLIC NOTICE SERVICE	2,305
SUBSCRIBERS TO MAIL-OUT PUBLIC NOTICE SERVICE	2,041

PERMIT APPLICATIONS ADMINISTRATIVE REVIEW	
TOTAL APPLICATIONS PROCESSED (AIR, WATER, SOLID WASTE, HAZARDOUS WASTE, BIOSOLIDS & NOCS)	5,651
- AIR	2,226
- WATER	1,908
- SOLID WASTE	234
- HAZARDOUS WASTE	86
- BIOSOLIDS	16
- NAME/OWNERSHIP/OPERATOR CHANGES (NOCS) PROCESSED FOR FINAL DECISION (MULTI-MEDIA)	1,412
EXPEDITED PERMIT REQUESTS PROCESSED	257

TEMPO SUPPORT GROUP	
CONDUCT CHANGE REQUESTS	8,309
CREATE NEW MASTER FILES (AIS)	4,219
REQUIREMENTS LOADED INTO TEMPO	2,762
SYSTEM SERVICE REQUESTS COMPLETED	95
TEMPO SECURITY REQUESTS COMPLETED	311

SOLID WASTE	
GENERATORS (INDUSTRIAL) REGISTERED (IN YEAR)	49
GENERATORS (INDUSTRIAL) REGISTERED (TOTAL)	2,012
LANDFILL OPERATORS CERTIFIED	113
SEWAGE SLUDGE HAULER APPLICATIONS PROCESSED	340
TRANSPORTERS REGISTERED (IN YEAR)	44
TRANSPORTERS REGISTERED (TOTAL)	2,461

LEAD	
ACCREDITATIONS ISSUED (FORM LPF-1)	509
LICENSED CONTRACTORS RECOGNIZED	68
PROJECT NOTIFICATIONS PROCESSED (FORM LPF-3)	48
TRAINERS RECOGNIZED	19
TRAINING PROVIDERS RECOGNIZED	8

LABORATORY ACCREDITATION	
IN-STATE LABORATORIES ACCREDITED (NEW)	3
IN-STATE LABORATORIES ACCREDITED (TOTAL)	48
IN-STATE LABORATORIES AUDITED	15
OUT-OF-STATE LABORATORIES ACCREDITED (NEW)	7
OUT-OF-STATE LABORATORIES ACCREDITED (TOTAL)	146
OUT-OF-STATE LABORATORIES AUDITED*	24
*PERFORMED BY CONTRACTORS	

HAZARDOUS WASTE	
ANNUAL REPORTING REPORTS PROCESSED	597
GENERATORS DELISTED	56
GENERATORS REGISTERED (IN YEAR)	1,108
GENERATORS REGISTERED (TOTAL)	5,667
HAZARDOUS WASTE GENERATED BY LARGE QUANTITY GENERATORS (TONS)	5,107,176
TRANSPORTERS REGISTERED (IN YEAR)	10
TRANSPORTERS REGISTERED (TOTAL)	701
POLLUTION CONTROL EXEMPTION DETERMINATIONS COMPLETED (PER ACT 910)	7

Office Of Environmental Services

ASBESTOS	
ASBESTOS RENO/DEMO NOTIFICATION FORMS (FORM AAC-2)	1,589
ASBESTOS DISPOSAL VERIFICATION FORMS ISSUED (ADVFS)	3,446
REGULATED ASBESTOS DISPOSED IN LA LANDFILLS (CU YDS)	56,841
TOTAL ASBESTOS ACCREDITATION WORK PRODUCTS COMPLETED (FORMS AAC-1, AAC-3, & AAC-4)	3,146
-ACCREDITATION (FORM AAC-1)	2,995
-TRAINING PROVIDER RECOGNITION (FORM AAC-3)	38
-TRAINER RECOGNITION (FORM AAC-4)	113
ASBESTOS MANAGEMENT PLAN ACTIVITIES COMPLETED	73

PERMIT DECISIONS ISSUED	
AIR QUALITY PERMITS DIVISION WORK PRODUCTS COMPLETED	2,795
SOLID WASTE WORK PRODUCTS COMPLETED	751
TREATMENT, STORAGE, & DISPOSAL (HAZARDOUS WASTE) WORK PRODUCTS COMPLETED	155
INDIVIDUAL WATER QUALITY PERMIT ACTIONS ISSUED, INCLUDING MASTER GENERALS	380
GENERAL WATER QUALITY PERMIT ACTIONS ISSUED, INCLUDING STORMWATER	3,939
NAME/OWNERSHIP/OPERATOR CHANGES COMPLETED (FINAL DECISION) (MULTI-MEDIA)	1,394

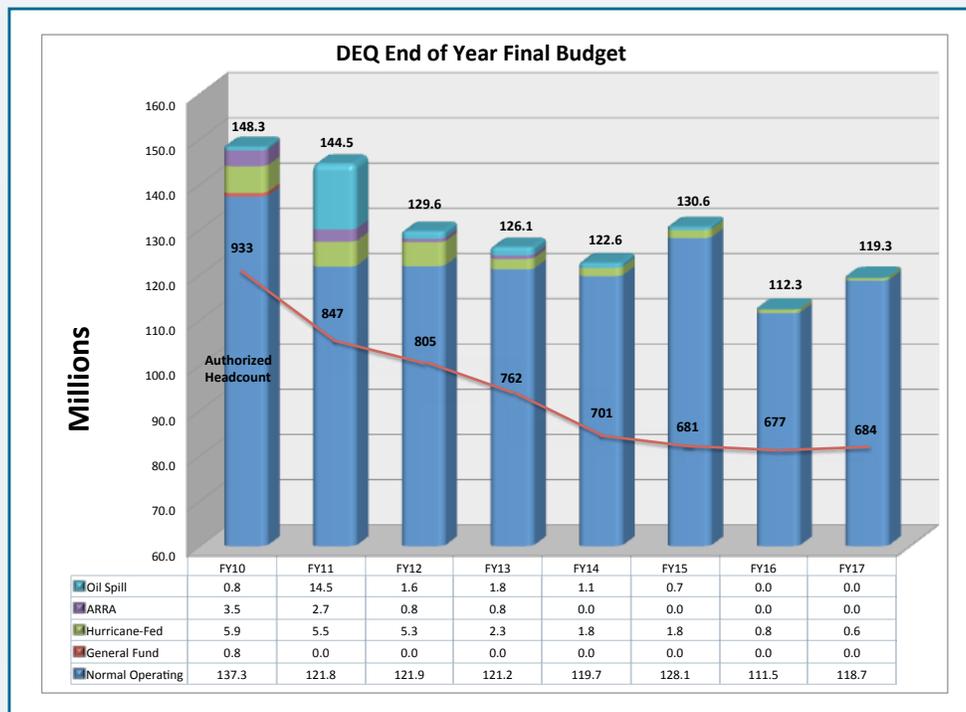
WATER QUALITY	
TOTAL MAXIMUM DAILY LOAD (TMDL) AND WATER QUALITY MODELING	<p>UPDATED THE FINAL RESTORATION PLAN FOR FECAL COLIFORM IN TUNICA BAYOU (070505) AND RECEIVED COMMENTS FROM EPA. CONTINUED DEVELOPMENT OF A SAMPLING PLAN AND DISCHARGER EVALUATIONS FOR BAYOU SARA (070501). BEGAN DEVELOPMENT OF SAMPLING PLAN FOR YELLOW WATER RIVER (040504). CONDUCTED ENGAGEMENT AND INSPECTION ACTIVITIES IN 5 OTHER PRIORITY SUBSEGMENTS IN ACCORDANCE WITH "A LONG-TERM VISION FOR ASSESSMENT, RESTORATION, AND PROTECTION UNDER THE CLEAN WATER ACT SECTION 303(D) PROGRAM." FINALIZED AND RECEIVED EPA APPROVAL FOR THE REVISED TMDL FOR DISSOLVED OXYGEN AND NUTRIENTS FOR BAYOU L'EAU BLEU (120303). INITIATED EFFORTS TO REVISE DISSOLVED OXYGEN AND NUTRIENT TMDLS FOR SUBSEGMENTS 040201, 040303, AND 020701. EVALUATED AND COMMENTED ON 25 SURFACE WATER WITHDRAWAL APPLICATIONS ALONG WITH LDNR AND LDWF. PROVIDED RECEIVING STREAM CHARACTERISTICS FOR 29 WATER DISCHARGE PERMITS.</p>



Office Of Management And Finance

RECORDS MANAGEMENT	
PUBLIC RECORD REQUEST FILLED PER YEAR	1,209
PAGES PROVIDED TO PUBLIC PER YEAR	14,131
COPY FEES COLLECTED PER YEAR	\$1,253.65
PAGES SCANNED PER YEAR	2,566,774
AVERAGE EDMS WEBSITE HITS PER MONTH	122,302
DOCUMENTS SUPPORTED BY EDMS	6,099,632

FY17 ACTUAL EXPENDITURES					
EXPENDITURE CATEGORY	OFFICE OF THE SECRETARY	ENVIRONMENTAL COMPLIANCE	ENVIRONMENTAL SERVICES	MANAGEMENT AND FINANCE	DEQ TOTAL
SALARIES	5,683,618	19,271,814	10,608,916	2,631,268	38,195,616
OTHER COMPENSATION	103,045	75,394	3,861	289,907	472,207
RELATED BENEFITS	2,462,920	8,924,932	4,636,923	4,490,394	20,515,169
TRAVEL & TRAINING	45,290	99,840	32,995	8,701	186,826
OPERATING SERVICES	159,851	1,439,297	105,273	187,997	1,892,418
SUPPLIES	43,010	452,053	17,579	148,033	660,675
PROFESSIONAL SERVICES	6,828	1,580,519	0	1,219,688	2,807,035
OTHER CHARGES	1,149,540	2,194,990	52,397	24,050,690	27,447,617
ACQUISITIONS	26,576	563,782	0	24,771	615,129
IAT	155,153	565,779	52,505	9,617,206	10,390,643
TOTAL	9,835,831	35,168,400	15,510,449	42,668,655	103,183,335



Contact Information

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Bobby Mayweather, Regional Manager
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Division Contacts

Air Permits	P: 225.219.3181 F: 225.219.3408
Air Quality Planning and Assessment	P: 225.219.3408 F: 225.219.3708
Outreach and Small Business Assistance	P: 225.219.3954 F: 225.219.3971
Criminal Investigation Division	P: 225.219.3944 F: 225.219.3964
Emergency Response	P: 225.219.3640 F: 225.219.3695
Enforcement	P: 225.219.3715 F: 225.219.3708
Financial Services	P: 225.219.3863 F: 225.219.3868
Surveillance	P: 225.219.3505 F: 225.219.4083
Permit Support Services	P: 225.219.3241 F: 225-219-3309 F: 225-219-3310
Public Records	P: 225.219.5337 F: 225.219.3175
Radiological Services	P: 225.219.3634 F: 225.219.3154
Remediation Services	P: 225.219.3505 F: 225.219.3201
Underground Storage Tanks	P: 225.219.3201
Waste Permits	P: 225.219.3181 F: 225.219.3158
Water Permits	P: 225.219.3181 F: 225.219.3309
Water Planning and Assessment	P: 225.219.3956

Contact Information

Program Contacts

Brownfields Initiative	P: 225.219.3719
Clean Water State Revolving Fund	P: 225.219.3956 F: 225.219.3971
Ombudsman	P: 225.219.3995
Communications/ Media Relations	P: 225.219.3964 F: 225.219.3971
Drinking Water Protection	P: 225.219.3510 F: 225.219.3971
Enviroschool	P: 225.219.0877 F: 225.219.3971
Louisiana Environmental Leadership Program	P: 225.219.0877 F: 225.219.3971
Mercury Initiative	P: 225.219.3189 F: 225.325.8104
Motor Vehicle Inspection & Maintenance	P: 225.219.3625 F: 225.325.8254
Nonpoint Source	P: 225.219.3510 F: 225.219.3971
Ozone Action Program	P: 225.219.3966 F: 225.219.3971
Public Participation	P: 225.219.3276 F: 225.219.3309
Radiological Services	P: 225.219.3634
Recycling	P: 225-219-3452 F: 225.219.3156
Outreach & Small Business Assistance	P: 800.259.2890 P: 225.219.3954 F: 225.219.3971
Total Maximum Daily Load Program	P: 225.219.3217 F: 225.219.3582

Hotline Numbers

DEQ Customer Service Center	225.219.LDEQ(5337) Toll-Free 866.896.LDEQ
Single Point of Contact (SPOC)	225.219.3640 Toll-Free 888.763.5424
Beneficial Environmental Projects Hotline	225.219.3715
Illegal Dumping	225.219.3640 Toll-Free 888.763.5424
Mercury Information Hotline	800.305.6621
NiCad Battery Recycling Hotline	Toll-Free 800.822.8837 Toll-Free 800.BATTERY 225.219.3388
Recycling	Toll-Free (LA only) 800.305.6621
Used Oil Hotline	Toll-Free 800.305.6621

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