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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY NEWSLETTER

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West Monroe is going green

The city of West Monroe will be going green with DEQ's help. Thanks to a zero-interest Clean Water State Revolving Fund loan of $1,541,300, the north Louisiana municipality will be installing solar panels that will power aerators used at the treatment ponds at the city's wastewater treatment plant.

"This project will reduce the wastewater plant's electricity consumption by 25 to 35 percent," DEQ Secretary Peggy Hatch noted at a ceremony commemorating the city's qualifying for the loan. She said the project has been a group effort by municipal officials, legislators and the DEQ. "To get EPA to buy in on this, you have to jump through a lot of hoops," she said. "That's a testament to the co-operation between all who were involved."

DEQ Secretary Peggy Hatch, left, listens as West Monroe Mayor Dave Norris makes a point about the water treatment process during a visit to the Sparta Re-use Facility. DEQ Deputy Secretary Alex Appeaning, back, and State Sen. Mike Walsworth, right, were also visiting the facility

West Monroe Mayor Dave Norris said the power savings would aid the city's efforts to conserve the water in the Sparta Aquifer, making it cheaper to process wastewater. By processing waste water and recycling it for industrial uses, the city reduces demand on the aquifer, which is threatened by saltwater intrusion.

DEQ Deputy Secretary Alex Appeaning, who shepherds the Revolving Loan Fund program at the agency, said the federal money will qualify for EPA's Green Project Reserve rule, which requires that Clean Water State Revolving Funds direct a portion of their capitalization grant toward projects that address green infrastructure, water efficiency, energy efficiency or other environmentally innovative activities. Innovative environmental activities are those that demonstrate new and/or innovative approaches to managing water resources to prevent or remove water pollution in an economically and environmentally sustainable way, such as: decentralized wastewater

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DEQ Business and Community Administrator Bijan Sharafkhani, left; DEQ Deputy Secretary Alex Appeaning; DEQ Secretary Peggy Hatch; West Monroe Mayor Dave Norris; State Sen. Mike Walsworth; and West Monroe Alderman Staci Albritton Mitchell, pose for a photo at the Sparta Re-use Facility

treatment solutions, projects that facilitate adaptation of clean water facilities to climate change, and projects that identify and quantify the benefits of using integrated water resources management approaches, and more.

Appeaning said the loan demonstrates that DEQ leadership is very sensitive to the plight of northeast Louisiana, especially the need to conserve the clean water in the Sparta Aquifer.

In addition to the zero interest rate, the loan has 100 percent principal forgiveness.

State Sen. Mike Walsworth, who represents the West Monroe area, was also on hand at the event at the Sparta Re-use Facility along with city officials, members of the city council and a press contingent.

Tegan Treadaway named Assistant Secretary for Office of Environmental Services

DEQ Secretary Peggy Hatch named Tegan Treadaway Assistant Secretary for the Office of Environmental Services, which includes permitting, on Aug. 4. Treadaway was Administrator of air permits under former Assistant Secretary Sam Phillips who left DEQ July 25.

For personnel in permits, Treadaway is a familiar face -- she has worked in air permits for 10 years. A Baton Rouge native, Treadaway is an LSU graduate with bachelor's degrees in both biochemistry and chemical engineering.

"I know this job will be challenging, but I feel confident that the staff here is uniquely qualified and trained to do this work. I look forward to leading the effort in permits to protect the environment and human health in Louisiana," Treadaway said.

Tegan Treadaway

"Tegan Treadaway is ideally qualified to do this job," Hatch said. "Her education and experience are uniquely suited to the demands of the position, and she is familiar with the particulars of the job after having worked closely with the previous assistant secretary for so long."

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Trash Free Waters Initiative – EPA partners with the states to alleviate trash in the nation's waterways

Think before you throw that plastic bottle into the river or bayou! Think before you toss the fast food papers out of the window – or your cigarette! Don't just think it goes in the water and it's gone, it's not!

Aquatic trash impacts all areas of our lives and is a pervasive problem, and in Louisiana we have a lot of waterways. In just 2011, international coastal cleanup events collected more than 9 million pounds of trash in one day. It is estimated that 80 percent of aquatic trash comes from land-based sources of which 60 to 80 percent is plastic. Litter clean-up costs the U.S. almost $11.5 million a year. This happens because the public does not think about the impact of litter on the environment and the proper way to dispose of it.

DEQ and EPA representatives discuss the EPA Trash Free Waters program

To help find a way to collectively address the litter problem, the U. S. Environmental Agency has launched a strategic approach to reduce trash called the Trash Free Waters Program. They are enlisting the help of the states and local organizations to address the problem.

On July 25, DEQ brought together local and state stakeholders from around Louisiana to meet with US EPA and their lead consultant to discuss ideas for regional partnership projects that would help state and local efforts become even more effective. The stakeholders discussed the litter problem in Louisiana, listed the things they are currently doing, the barriers and suggested solutions. Participants were from Keep Louisiana Beautiful, Bayou Vermilion District and Bayou Vermilion Preservation, Atchafalaya Basin Keepers, Bayou Manchac group, LSU, Lake Pontchartrain Basin Foundation and DEQ Watershed Coordinators. All agreed that there is a great deal of interest in looking at improving upon local ordinances as well as in developing an exciting new messaging campaign. A deeper partnership and further progress is anticipated in the weeks ahead.

"The goal of EPA's National Trash Free Waters (TFW) program is to reduce and ultimately eliminate the volume of trash entering watersheds and the marine environment. Because most of the trash that washes up on our nation's coast originates from land-based, inland sources, TFW is helping states, cities/parishes and businesses to work together and develop innovative trash management strategies in targeted areas. In the Gulf Region EPA is working with local leaders to better understand and even improve trash prevention programs," said Laura Johnson, EPA's team lead for the National Trash Free Waters Program.

The July meeting at DEQ was just the first step to tackling the immense problem of litter and trash in our waterways. Local ordinances, better enforcement, more outreach and education about the cost of litter and individual responsibility, working together with organizations within the state and other states to form a regional approach

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and looking for financial funding are all components and ideas that came out of that meeting. More meetings are planned with municipalities and local governments to establish litter as a priority.

For information on what you can do to prevent litter and nonpoint source pollution, go to **www.deq.louisiana.gov/watershed** or log onto the EPA Trash Free Waters website at **http://water.epa.gov/type/oceb/marinedebris/**.

Bayou Vermilion District combats litter

Litter and trash are a constant and overwhelming problem in all of Louisiana's waterways. The culture of "If I throw something in the water, it will disappear" exacerbates the problem. And the fact that it flows in from upstream, coupled with the apparent lack of concern of many residents, makes trash and litter removal a daily concern.

One parish, Vermilion Parish, has found a way to cope with the problem, and they actually have the Bayou Vermilion District comprised of employees who work to clean up litter.

Bayou Vermilion District employees keep the bayou clean

The Lafayette Parish Bayou Vermilion District was established in 1984 in an effort to get control of the historically problematic conditions of the Bayou Vermilion. The District was created by an act of the Louisiana Legislature and is funded by a .75 millage from the taxpayers of Lafayette Parish.

"Lafayette Parish Bayou Vermilion District's mission is to improve water quality in Bayou Vermilion, to maintain its riparian facilities and installations, to empower its recreational users and to engage the public in a greater awareness of our cultural and natural resources," said David Cheramie, Ph.D., Chief Operating Officer of the district. "It's our mission statement, but it sums up well what we are trying to do."

The District has a crew that consists of six full-time employees, each of whom plays a different role in the bayou operations department. These include trash removal from the booms that have been set up in the bayou's tributaries, tree removal using a grappler barge, water sampling and bank restoration projects. The District has two flat-bottomed boats for trash removal, a cabin crew boat for bad weather conditions, a multi-use survey barge, a grappler barge, and a gator tail for more specialized uses. A Gator Tail is a boat with an engine that is cooled by air instead of water. It functions more like a car engine than a typical boat motor. It can go through areas that are not accessible by water cooled engines.

Last year, alone, the bayou operations crew removed more than 1,144 barrels of trash, 425 large items (such as refrigerators, derelict jet skis, cars and fuel tanks) and 173 tires from the river. Heavy rains cause all of the trash in the watershed to float into the bayou, but some trash comes from people who live along the river and use the river

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for recreation. If there is a stretch of days with no rain, the bayou operations crew can clean the entire 33-mile stretch of the river in Lafayette Parish. However, with just one rain event, the trash is back and the crew has to start over.

"They don't see themselves as garbage men, but as caretakers of the bayou," said Curtis Willingham, bayou operations coordinator.

The Bayou Vermilion District water quality sampling program, established in 2002, monitors five sites along the river inside Lafayette Parish. The district is working to get its sampling program in line with DEQ requirements so that the results may one day influence the river reports at the state level for Lafayette Parish. The ultimate goal is to complete remediation projects in the waterway to make it safe for both primary and secondary contact and to have healthy aquatic life.

Litter caught in booms, waiting to be cleaned up by the Bayou Vermilion District

While the Bayou Vermilion District is working to help alleviate the problem of trash and litter, the answer really lies with the individual who should properly dispose of litter and trash.

Lake Pontchartrain Basin Foundation's 25th Annual Beach Sweep

Litter is a severe problem in Louisiana's waterways. People throw away plastic bottles, tires, other plastics, toys and even refrigerators and other large household goods. It is a problem that needs to be addressed so that everyone can continue to enjoy the lovely lakes, bayous and coastline that Louisiana offers.

One group, the Lake Pontchartrain Basin Foundation, has been and is addressing the huge problem of litter. The LPBF will hold its annual Beach Sweep, a day designated to clean up the Lake Pontchartrain Basin, on Saturday, Sept. 20. Now in its 25th year, LPBF's Beach Sweep is held in conjunction with the International Coastal Cleanup sponsored by Ocean Conservancy. Volunteers, partners and sponsors help clean up the areas that drain to the Pontchartrain Basin by hitting city streets and rural roadways to remove debris from curbs, ditches and storm drains.

As an added activity, storm drain markers from DEQ and Jefferson Parish will be placed on drains in Orleans, Jefferson and St. Tammany parishes. This second project will help prevent our metro area from flooding and at the same time protect Lake Pontchartrain. Designated areas for cleanup around the lake at this time include Orleans, Jefferson, St. Bernard, St. Charles, St. John, St. Tammany and Tangipahoa parishes.

Debris picked up by volunteers is recorded on data cards that catalog and quantify the types and amounts of trash collected. LPBF forwards this data to the Ocean Conservancy to be included in its International Coastal Cleanup master database of marine debris.

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"Lake Pontchartrain Basin Foundation is excited to say this is our 25th year for holding the LPBF Annual Beach Sweep," LPBF Coordinator Joann Burke said. "It's only because of the help of thousands of volunteers over many years that our lake is clean again. We encourage everyone to come out this September 20."

Volunteers for the Lake Pontchartrain Basin Foundation Beach Sweep collect bags of litter and trash

Since 2006, the Beach Sweep and the volunteers have been responsible for collecting 7,888 bags of trash for a total of 159,072 pounds of trash picked up by an average of more than 1,700 volunteers per year. In recent years, there has been recycling of plastic bottles and aluminum cans when possible.

To say thank you to the volunteers, LPBF's Beach Sweep partners host picnics for the participants on Beach Sweep day. The picnics also serve as a way to bring together everyone to celebrate the clean sweep of our region.

There are many levels of participation in this event. Sponsorships are available for these levels: exclusive, major, patron and contributing. Volunteers can be a Beach Sweep Partner, a Zone Captain or a volunteer for the day of the sweep. So no matter what you can or would like to do to help with Beach Sweeps, there's a place for you. Information on volunteering is available at **www.saveourlake.org**, and to volunteer, email Joann Burke at **joann@saveourlake.org**.

TECHE project, DEQ and the St. Bernard Paddle Club work to protect the water quality in Bayou Teche

Teaching children how to protect their environment, especially their water, is a goal of the Teche Ecology, Culture, History, Education (TECHE) Project. One of their volunteer projects is placing storm drain markers that say "No Dumping -- Drains to Bayou" in St. Martinville and Breaux Bridge. The metal markers were provided by DEQ, and the volunteers were young kayakers from the St. Bernard Paddling Club.

Dane Thibodeaux and Brent Miller, TECHE Project
Cory Werk in back right corner, Cajun Paddle (Ken Grissom) holding a DEQ storm drain marker

More than 20 children ages 7 to 16 installed more than 30 markers with the help of local businesses and towns.

"We are teaching these kids growing up on the Teche that if they want to keep paddling and swimming in our bayou, they have to protect the water quality. The TECHE Project and

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Brent Miller, TECHE Project, hands a drain maker to a St. Bernard Paddle Club participant

Cajun Paddle are pleased to provide an opportunity to the St. Bernard School Paddling Club to learn about paddling the bayou and how they can help protect the Teche," said Brent Miller, TECHE Project Council Member and the father of two participants. "Good water quality in Bayou Teche is important so they can continue to paddle and swim in the bayou."

For more information on forming a youth paddle club or on how you can help with water quality, contact TECHE Project Council Members Brent Miller or Dane Thibodeaux at **techeproject@gmail.com**. For more information on the TECHE Project, visit their website at **www.techeproject.org**.

Republic Services - Environmentally Friendly

When you think of garbage trucks do you think of them as quiet and environmentally friendly? Do you picture a woman driving one? Probably not, but there is a company, Republic Services, operating in and around East Baton Rouge Parish, that is bringing environmentally friendly and quieter trucks to their operations.

Republic Services merged with Allied Waste in 2008 and will convert their whole fleet of trucks to Compressed Natural Gas (CNG) by next year.

"There are two reasons we are converting our fleet to CNG," said Calvin Ray, general manager. "One, it was the right thing to do for the environment, and second, the CNG trucks are extremely quiet and it makes it much better for the neighborhoods and apartment complexes."

CNG garbage trucks fuel at the CNG fueling ports at Republic

Another big reason for converting is economic. CNG is a more cost efficient, a cleaner fuel, so it burns cleaner and there are fewer oil changes and it is not so hard on the engines. With CNG, oil changes occur every 900 hours as opposed to every 450 hours with diesel. The measure is using engine hours.

Ray said that "although there is not enough data yet (the fueling began in mid-July), it is estimated that the gas equivalent cost will be $1.80 to $2.00."

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Drivers gather around the trucks for the morning meeting and briefing

Another good reason for using CNG trucks is that after a disaster, such as a hurricane, the trucks can still operate and Republic doesn't have to search for available diesel.

Right now, Republic has 137 total trucks (40 of which are CNG) and they will have 37 more CNG trucks in the spring. The CNG trucks are automatic side loaders (ASL), which are one-person trucks with hydraulic lifts. They are air-conditioned, have power steering and are much less noisy than a conventional garbage truck. The cost is between $260,000 and $280,000 each for ASL (automatic side loaders). Republic has 114 truck routes.

The company has 215 employees in their local service area, which includes Denham Springs, Baker, East Baton Rouge Parish, Ascension Parish and West Baton Rouge Parish. Of the 114 drivers employed by Republic, 28 are women.

"The Baton Rouge area has more female drivers than anywhere in the U.S.," said Karla Swacker, Municipal Marketing Manager. "It's a different job now. The women -- and all the drivers -- never touch the garbage, and they work in an air conditioned truck."

The drivers have specialized training on the CNG trucks – continuing education. Every morning they have a tailgate meeting with their team and a supervisor who informs them of any problems any of the trucks have encountered and anything else that is pertinent to their job. Republic services maintains their vehicles and gives specialized training to their mechanics.

The CNG trucks are 13 ½ inches taller than regular garbage trucks because the fuel tank is on the top of the truck. That presented some problems.

"One concern with the new trucks was the tanks on the tops, 13½ inches up," said Swacker. "When they first went into the neighborhoods, they were hitting every tree branch. New technology, though, has developed a sloped wall that deflects the tree branches now."

Republic's goal is to be a self-sufficient operation. As part of that mission, they constructed a CNG fueling station which was started in March 2014. It was completed by the end of June with 40 fueling ports operational. The fueling occurs from 5 p.m. to 3 a.m. and the trucks can run 10½ hours on a tank. Republic also has a diesel fueling station and a fast fueling CNG station in case a truck needs to fuel quickly.

The next phase of the expansion will begin next spring when Republic will increase the number of fueling ports to 114 to accommodate all of the trucks. Before they got their station up and running, the company had to use CNG stations in Baton Rouge run by Entergy, but it was apparent their demand overran the source. The CNG system is managed by Clean Energy and is totally automatic with dial out wireless controllers. They get their gas from Entergy.

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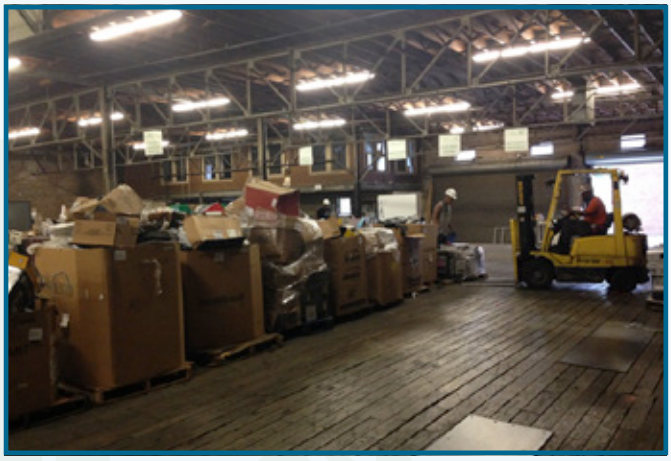
Republic is safety conscious in all aspects of their operation. The top of the CNG station has sensors that detect leaks of -or better- gas leaks. If they detect gas the system automatically shuts down. The ports are equipped with red boxes every four ports that will shut the ports down if there is a leak. Each CNG truck has a gas detection alarm. The warehouses and repair shops for the trucks are specially designed. There are fans at the top to pull the air out if gas is detected, leak detection alarms and because gas rises, the heating units have been relocated from the roof to stainless steel rods much further down in the building. And they have converted to infrared heat to avoid open flames.

"One safety issue was inexperienced drivers and mechanics who had to learn to do things properly," said Swacker. "It took several years to get the kinks out," said Ray. "First there were power issues, not powerful enough, and then safety issues had to be worked out. When we started the Republic Corporation we set up a playbook of lessons learned. There are lots and lots of fail safes in the operation and on the trucks."

The energy efficiency, the new technology, the cost effectiveness and the benefit to the environment are all pluses for the use of CNG. Republic is forward thinking and has a comprehensive plan but "we are just the first," said Ray. "Everyone is looking at CNG now."

The Capital Area Corporate Recycling Council refurbishes used computers and electronics

Do you have an old computer, cell phone, printer, video player or electronic device that you no longer use? Well, the Capital Area Corporate Recycling Council (CACRC) in downtown Baton Rouge has a practical, environmentally friendly solution. Just drop off your used computer or electronic component to the CACRC, and they'll refurbish it and put it back into reuse where it will ultimately be provided to someone in need. Items that cannot be refurbished will be responsibly recycled.



Newly donated electronics and computers are sorted at the CACRC warehouse in Baton Rouge

The CACRC is a non-profit located in Baton Rouge with a mission of reducing electronic waste through recycling and reuse of various electronic equipment. Founded in 1997 as a general recycling nonprofit, in the early 2000s the organization shifted its focus to concentrate solely on electronics and computer recycling/reuse. Today, the CACRC specializes in refurbishing used computers for distribution to schools, nonprofits, families with low incomes, seniors, veterans and hurricane impacted organizations and individuals. CACRC employs approximately 15 full-time staff, along with several volunteers.

"Of all the electronics recyclers in the United States, only about 5 percent of them are nonprofit," said Nancy Jo Craig, executive director of the Capital Area Corporate Recycling Council. "We are also the only R2-certified recycler

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A CACRC technician removes a computer processing unit for refurbishment at the facility's warehouse

in Louisiana, which is a Responsible Recycling Practices Standard certification recognized by the Environmental Protection Agency as a set of guidelines designed to promote and assess responsible practices for electronics recyclers."

The R2 is a management system that accounts for practices affecting worker health and safety, as well as proper downstream management of end-of-life electronic material and equipment.

In 2013, the CACRC recycled nearly 1,200 tons of electronics. On a daily basis, the staff will separate approximately 100 pounds of recyclable material and technicians refurbish approximately 30-40 computers.

One of the CACRC's programs is called "CLF," or Computers for Louisiana Families. The program allows low-income families with children to purchase computers configured with software at a very low cost. Qualifying veterans and seniors age 62 and older are also eligible for a reduced-price program.

The CACRC also provides computers to non-profit organizations at a reduced cost and assists them in meeting their project goals. The CACRC has sponsored a hurricane relief effort that offers thousands of free, refurbished computers to schools, organizations, libraries, churches and individuals impacted by storms. "Our overall mission has been very effective for putting technology into classrooms, homes, businesses and libraries instead of seeing that technology lost to landfills," Craig said.

To donate equipment, businesses and individuals can drop off their used electronic equipment at the CACRC's 35,000-square-foot warehouse located at the corner of North 14th Street and Main Street in Baton Rouge. Hours are Mondays from 9:30 a.m. to 4 p.m., and Tuesday through Friday from 8:30 a.m. to 4 p.m. New Orleans-area residents may drop off their donated equipment at the recycling center, located at 2829 Elysian Fields in New Orleans. Items donated there are subsequently transported to the CACRC warehouse in Baton Rouge for recycling/reuse.

Technicians examine the equipment and sort them by category. Within a few hours, hard drives are cleared and the components are reconfigured for refurbishment and reuse. Items are then resorted for distribution.

Donations are free of charge, however, the CACRC does charge for cathode ray tube (CRT) monitors, printers, scanners and fax machines. For businesses, the fee is $7 per CRT and $3 per printer, scanner or fax machine. For individuals, fees are $5 per CRT and $3 per printer, scanner or fax machine. The first recycling visit is free to individuals and businesses.

As a guarantee that information is kept secure, the CACRC ensures that donors' personal information is removed as soon as possible. Within the first 24 hours after a computer is dropped off, CACRC technicians wipe all computer

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hard drives clean, whether requested or not. Inoperable hard drives are physically destroyed and certificates of destruction are available upon request at the CACRC's front desk. Donors may also request a tax voucher. There is a one-year warranty on all desktop and laptop computers, and a 60-day warranty on other electronics.

In addition to computers, the CACRC recycles monitors, printers, speakers, power cords, keyboards, mice, VGA cables (and certain other cords and cables), VHS players, DVD players, stereo equipment, CD players, phone systems, cell phones, video game systems (such as Xbox, Playstation, etc.) and anything with a circuit board.

Items not accepted for recycling include televisions, copy machines or any household appliances such as microwaves, blenders, toasters or refrigerators.

The CACRC sells items through their online store on www.ebay.com, as well as through walk-ins and special orders taken via phone or email. Anyone may call to inquire if the CACRC has a particular item for sale, and the CACRC also accepts monetary donations electronically via PayPal. Anyone looking for a specific item can fill out an item inquiry form online at: http://store.cacrc.com/inquiry.html.

For more information, contact the Capital Area Corporate Recycling Council at: **www.cacrc.com**, or visit the warehouse at 1400 Main St., Baton Rouge, LA 70802; phone: 225-379-3577.

Camp Challenge - bright light in the summer

If you have ever wondered what happens when you donate blood and check the "From the Heart" club option, Camp Challenge is the answer.

Campers, dressed for the theme 101 Dalmatians, pose with their sock puppets

"A bright light in the summer until a cure for cancer is discovered" is how Camp Challenge is described. At the Louisiana Lions Camp in Leesville, Camp Challenge is dedicated to giving ill children and their siblings ages six through 18 a summer camp experience. Camp Challenge is open to all children who reside in Louisiana and have a form of cancer and chronic hematological disorders, such as sickle cell anemia. These children do not have to pay for camp; it is free for all campers.

Every year, a group of volunteers from DEQ, other agencies and the Blood Center travel to Leesville to the Lions Camp to assist with the arts and crafts for the campers. DEQ personnel organize the trip, pick an environmentally friendly craft and work and eat with the campers. This year the craft was using recycled socks to make sock puppets. Many DEQ volunteers return year after year to see the children and their progress. Each volunteer has a camp name such as Brown Sugar, Little Tree, Secret Squirrel and Pink Bunny. Suzy Potter, who represents the Blood Center and organizes it from their angle, is Ms. Queeto and has been organizing and attending for many years.

"The Blood Center must rely on volunteer blood donors. Camp Challenge must rely on volunteers for both counselors and camp directors and to help with the camp," said Potter, community development manager for the Blood Center. "For more than 20 years, I have had the privilege of interacting, bringing joy and assisting kids battling blood disorders such as cancer, sickle cell anemia, lymphoma and aplastic anemia at Camp Challenge. Camp Challenge will always be, and has been, an endeavor fully funded by financial donations and volunteers. And, it will always be 'free' for the patient and their siblings."

Camp Challenge campers display their sock puppets for the camera

Camp Challenge is funded by donations from individuals and companies. It also receives money from various organizations that put on fundraisers for the sole purpose of funding the camp. Camp Challenge is a grass-roots nonprofit organization. This year, thanks to blood donors checking that box, The Blood Center was able to give Camp Challenge a check for $6,467 to help fund the year's camp.

If you would like to donate to Camp Challenge, go to the website at **www.campchallenge.org**.

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Who's Who At DEQ?

Emily Barlett – Office of the Secretary – Communications Section

Barlett has been working as a graphic designer for DEQ six years. Emily attended LSU Baton Rouge and graduated in 2007 with a bachelor's degree in studio arts with a concentration in graphic design. After college, she worked for the Interstate Logos section of Lamar Advertising for about a year before leaving to start her job at DEQ. She met her husband William Barlett, a DEQ engineer for State Revolving Loan Fund, at DEQ.

Emily is responsible for all the graphics for the department. She designs reports, brochures, flyers, posters, logos and more. Please contact Emily if you have any graphic needs at **emily.barlett@la.gov**.

Vivian Aucoin – Office of Environmental Services – Air Permits

Aucoin graduated with a bachelor of arts in history from Louisiana State University in May 2000. She then returned to LSU and earned a bachelor of science in Physical Geography, Concentration in Meteorology and Climatology, in December 2006. She has worked for the Department of Environmental Quality, Air Permits Division for over 22 years.

Aucoin was promoted to senior scientist. She has extensive technical experience and has worked on the State Implementation Plan Section for the last 14 years. She has been instrumental in working to submit the 1-Hour Ozone State Implementation Plan (SIP), the 1997 8-hour Ozone SIP and Redesignation package, the Regional Haze SIP, as well as nine Maintenance Plans for those areas of the state that were nonattainment under the old 1-hour Ozone National Ambient Air Quality Standards. She is a member of the Baton Rouge Ozone Task Force, the Statewide Ozone Task Force, the Baton Rouge Clean Air Coalition and serves as Co-Chair on the board of directors for the Central States Air Resources Agencies. She is also a trained facilitator in the Total Quality Management program that DEQ implemented during the 1990s.

Amanda Polito – Office of Environmental Services

Polito has been with DEQ for almost seven years. She has recently been promoted to Environmental Scientist Manager in the Air Permits Division, replacing Vivian Aucoin. Polito has a bachelor of science in biochemistry and a master's degree in in Pathobiological Science from Louisiana State University. She serves as a DEQ liaison to Air and Wast Management Association.

A native of Louisiana, Polito resides in Baton Rouge with her husband Tom and two children Riley and Maddie Rae. She is an active member of St. George church, is active in the community and plays intramural sports. She is a member of the Metro 9 Council, and an active volunteer for the St. Louis King of France softball league and Engineering Softball Classic for St. Jude Research Hospital.

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DEQ On The Move

DEQ volunteers for Camp Challenge in Leesville. Employees go and help campers with arts and crafts

Louisiana Department Of Environmental Quality's Second Quarter Summaries

2nd Quarter 2014 Enforcement Actions:
http://www.deq.louisiana.gov/portal/DIVISIONS/Enforcement/EnforcementActions.aspx

2nd Quarter 2014 Settlement Agreements:
http://www.deq.louisiana.gov/portal/DIVISIONS/Enforcement/SettlementAgreements.aspx

2nd Quarter 2014 Air Permits:
http://www.deq.louisiana.gov/portal/tabid/2922/Default.aspx

2nd Quarter 2014 Water Permits:
http://www.deq.louisiana.gov/portal/tabid/2899/Default.aspx

2nd Quarter 2014 Solid and Hazardous Waste Permits:
http://www.deq.louisiana.gov/portal/divisions/wastepermits.aspx