

ST. JOHN INDUSTRIAL GROUP

REPORTING 2016 DATA



Marathon Petroleum Company LP



NALCO Champion

An Ecolab Company

EACH YEAR, THE ST. JOHN

INDUSTRIAL GROUP shares emission data in an effort to keep St. John the Baptist Parish residents informed on recent environmental accomplishments. We celebrate student art, one of our annual meeting highlights, and delight in the appreciation of our environment through the eyes of young people.

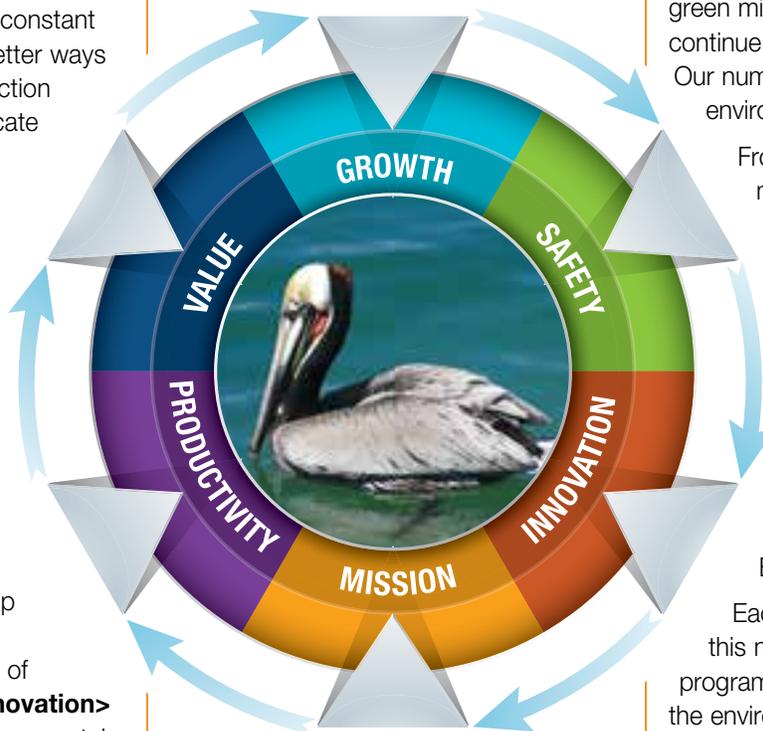
This year, we illustrate the value of emission reductions and the constant effort to discover new and better ways to accomplish emission reduction goals. We want to communicate the myriad of factors that determine how we make the best, most efficient decisions and balance our goal to manufacture maximum product with the minimum environmental impact. **Imagine the graphic on the cover and center of this page constantly moving.**

Throughout this article, you will find statements from St. John Industrial Group member company web sites which reinforce our message of **Value>Growth> Safety>Innovation> Mission>Productivity**. Environmental stewardship goes hand-in-hand with this process.

Safety is a primary factor and core value within all member companies: Safety for employees, contractors, the site, environment and community. Safety first is a value shared by all. Company's safety missions include no accidents, no injuries, no harm to the environment and a commitment to excellence and continual improvement. We do what is right, do it with care and put safety first. Safety is part of our culture. The Environmental Health and Safety managers at each site work closely with management and fellow employees striving to find new, innovative ways to reduce emissions wherever reasonably

possible. Training, education and communication remain vital.

St. John Industrial Group companies view doing business in St. John as a privilege and conduct their operations in a clean, secure, cost effective and responsible manner. We also ask the community to recognize the value the companies and their employees offer



St. John the Baptist Parish. These companies are making products, which become useful end products. Sustainable growth mindset contributes toward the companies' success. We provide employment, pay taxes and sponsor a host of charitable and educational organizations and festivals. There is significant financial donation combined with an enthusiastic employee volunteer coalition.

We consider it our duty to protect people and the environment while reducing risks carefully and methodically. Companies seek innovative methods to reduce emissions.

Productivity and production are other key considerations. All of these factors

impact our environmental responsibility actions. We find science-enabled, sustainable solutions for customers, manage our businesses to protect the environment and preserve the earth's natural resources, both for today and for generations into the future. We are committed to complying with all environmental law, continually reviewing production procedures and moving our green mission forward so that we may continue to be environmental leaders. Our number one goal is to protect the environment.

From an operations perspective, many companies have set specific goals to reduce emissions, water consumption, hazardous waste and energy use. Companies evaluate and strive to mitigate potential environmental impacts. Toxic releases in the United States decreased in 2016 due to lower air emissions. (See the EPA article on page 9.)

Each company reporting in this newsletter has policies, programs and practices regarding the environment and conducts business with respect and care for the environment. We set aggressive environmental performance goals and carefully measure progress to continually improve our own operations.

The St. John Industrial Group is proud to be an active part of the community and work to make a positive difference in the communities where we have the privilege to operate. We conduct ourselves and our business affairs in accordance with the highest ethical standards, and in compliance with all applicable laws, striving always to be a respected corporate citizen.

Please take time to review this report in its entirety and visit the web site at www.stjohnig.com.

Thank you.

COMMUNITY INVOLVEMENT

Adopt-A-Family Drive
 Adopt-A-Highway Program
 Adopt-A-Park
 Adopt-A-Schools (Elementary, Middle and Secondary)
 American Cancer Society
 American Chemical Society
 American Chemistry Council
 American Heart Association
 American Legion Boys State
 American Red Cross
 Andouille Festival
 Annual Community Service Projects
 Annual Environmental Workshop for LDEQ
 Area School Athletic Programs
 Backpack Drive
 Battered Women's Shelter
 Black History Month Celebration
 Boo at the Zoo (Audubon Zoo)
 Boy Scouts of America
 Business Associations
 Chem Friends
 Children's Easter Party
 Children's Hospital Volleyball Classic
 Community Advisory Panels (CAPs)
 Rudy Dinvaout Memorial Golf Tournament
 Drug Free School Committee
 East St. John Elementary
 East St. John High School
 Emily C. Watkins Elementary School
 Fallen Four 5K (For Sheriff's Deputies)
 Fifth Ward Elementary School
 Fire Department Emergency Rescue Team
 4-H (St. James and St. John)
 Frisco Fest
 Fun with Science
 Girl Scouts of America
 Greater Baton Rouge Industrial Alliance (GBRIA)
 Greater New Orleans Therapeutic Riding Center
 High School Career Day
 High School COE Programs
 Household Hazardous Materials Collection Day
 Judge Science and Social Studies Fairs
 Junior Achievement
 Keep St. John Beautiful (Clean Sweep)
 Lake Maurepas Society
 Lake Pontchartrain Basin Foundation
 LaPlace Lions Club

LaPlace Lions Prevent Blindness Project
 LCA Reverse Trade Show
 L'Observateur
 Local Emergency Planning Committee (LEPC)
 Louisiana Air and Water Management Scholarship Fund
 Louisiana Chemical Association (LCA)
 Louisiana Chemical Industry Alliance
 Louisiana Engineering Advancement Program
 Louisiana Nature Conservancy
 Louisiana Special Olympics
 Louisiana Technical College
 Louisiana Technical College – River Parishes Campus
 Louisiana Wildlife Federation
 Magnet School Committee
 MPC's Bringing Science to Life
 Mary Bird Perkins Cancer Center
 National Foundation for Cancer Research
 National Science Teacher Convention
 New Orleans Civic Symphony
 New Wine Kids on the Move'
 Ochsner Blood Drive
 Our Lady of Grace Church
 Plant Tours
 Positive Behavior
 Professional Women of the River Parishes
 PTAs/PTOs
 PTEC Scholarships
 Relay for Life
 Reserve Lions Club
 Responsible Care®
 Risk Management Planning
 River Parishes Chemical Industry Council
 River Parishes Educational Initiatives
 River Region Arts and Humanities Council
 River Region Chamber of Commerce
 Riverside Academy
 St. Charles High School
 St. John Cancer Society
 St. John Council on Aging
 St. John Health & Trade Expo
 St. John Ministry of Care
 St. John the Baptist Parish

St. John Parish Association for Retarded Citizens
 St. John Parish Schools Backpack Drive
 St. John Parish Sheriff's Office – Donations, Bullet Proof Vests and Equipment
 St. John Sheriff's Association
 St. John Sugar Queen Pageant
 St. John Theater Donations
 St. John Parish Trade Show
 San Francisco Plantation – Fourth Grade History Tour
 San Francisco Plantation Scholarships
 School-to-Work Alliance
 Sings and Strings Festival
 Soul Fest at the Audubon Zoo
 Special Olympics Education
 Summer Student Program for College Interns
 Summer Witness Program
 Take Your Children to Work Day
 Teach for America
 United Negro College Fund Annual Walk
 United Way
 Veterans Day Celebration
 Veterans Luncheon
 Volunteer Fire Departments
 West St. John High School
 Wounded Warriors Golf Tournament
 XCITE Tour through LSU
 Yearbook Ads
 Young Entrepreneurs Academy



Household Hazardous Materials Collection Day



St. John LEPC Active Shooter - photo by Angel Thompson

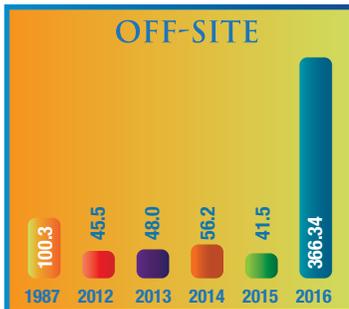
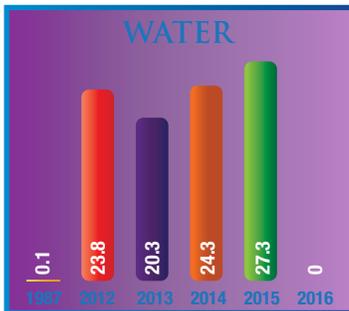
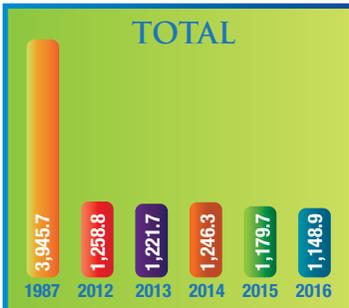


Last year's St. John Industrial Group meeting - Art Show winners

DUPONT PONTCHARTRAIN SITE



Total emissions in thousands of pounds



Rooted in science and united by purpose, **DuPont** is a science company with an extraordinary range of materials and engineering capabilities, and corresponding breadth of products. By blending our deep customer knowledge and expertise in applied science and engineering we strive to meet the global challenges created by a rising population, a growing global middle class and increasing demands on our planet's resources.

The DuPont Pontchartrain Site is an important part of the DuPont Protection Solutions business. PPDa, the primary product made at the Pontchartrain Site, is used to produce Kevlar®. Best known for its lightweight strength, heat and fire-resistant characteristics, Kevlar® is found in many products including firefighter gear, ballistic vests and helmets, consumer and industrial apparel, tires and aircraft. Kevlar® has saved the lives of thousands of police, military and other first responders around the world.

For over 53 years, the DuPont Pontchartrain Site has been dedicated to supporting educational activities and positively contributing to the local economy. The site has 130 employees and 75 contractors who support and contribute to numerous community and professional organizations in the area. A few of the activities include a mentoring program with students in local schools, United Way, Risk Management Planning and Household Hazardous

Materials Collection Day. The Community Involvement section of this brochure, lists many other activities that our employees participate in every year.

A long-standing DuPont core value is protecting the environment and the safety and health of our employees and the communities in which we operate. DuPont complies with federal and state environmental regulations and annually certifies its compliance to EPA and the Louisiana Department of Environmental Quality. The Pontchartrain Site has received nine Louisiana Environmental Leadership Awards for a variety of waste minimization projects. DuPont Pontchartrain Site has also been a Voluntary Protection Program (VPP) Site since January 2008. To qualify as a VPP site OSHA must recognize the facility as having an exemplary, comprehensive safety and health management system. The site was awarded the Star of Excellence by Region VI VPP for 2015. The site is also ISO 14001 certified, which is another volunteer program requiring an extensive environmental management system with independent periodic auditing and certification. We support Responsible Care® and continuously strive to improve our practices, leveraging advancing technology and new understandings in the fields of safety, health, and environmental science, to meet the needs of our customers and other stakeholders.

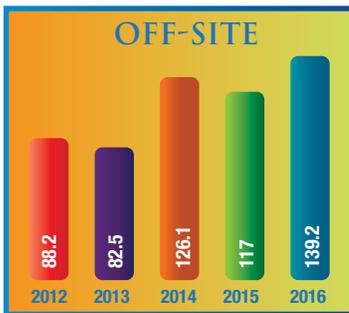
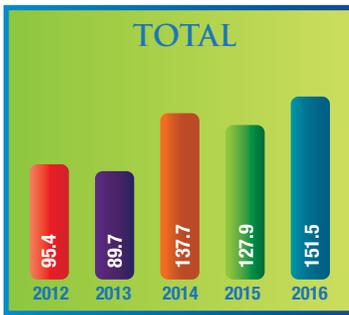


DuPont Mentoring Program with Fifth Ward Elementary

EVONIK MATERIALS CORPORATION



Total emissions in thousands of pounds



This will be **EVONIK'S** first year reporting as owner/operator of the Reserve Plant. This site is a specialty chemical manufacturing site with 48 direct and five contract employees. The site's main product line is nonionic surfactants – or more simply – liquid soaps used in industrial and institutional cleaning products. The plant also produces waterborne epoxy resin coatings. These are zero VOC, waterborne, epoxy resins. They are used in floor sealers, paints and anticorrosive coatings for metal Original Equipment Manufacturing.

Evonik is committed to assuring environmental excellence through continual improvement, while sustaining business and production capabilities at world class levels. Evidence of this commitment includes our corporate environmental policy to achieve the highest environmental performance and our commitment to the Responsible Care (RC) guiding principles. Evonik is also active in St. John Parish community activities like United Way, Frisco Fest and the Evonik – Bayou Steel Community Advisory Panel.

In 2016 annual production at the facility increased from 86.51 to 87.93 million

pounds, however Surfynol production increased from 7.4 to 8.4 million pounds. Air emission rates were up, resulting in an increase in reported emissions from 10,904 to 12,353 pounds. Overall off-site disposal increased from 117,007 to 139,203 pounds. The increase in air emissions and off-site disposal amount corresponded with the increase in total production and Surfynol production, which generates Methyl isobutyl ketone.

Evonik makes every effort to maintain world class performance. Our commitment to improvement of environmental, safety and security measures supports our goal to make St. John Parish a better community/ environment to live and work in both today and tomorrow. In May 2017, the Reserve site celebrated over three years without an OSHA recordable incident and over 26 years without a lost time accident, becoming the first Evonik site in the Nutrition and Care business segment to reach more than 25 years without a lost time accident. Each employee is committed to doing their part to continue this successful trend.

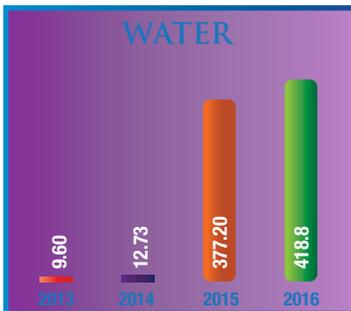
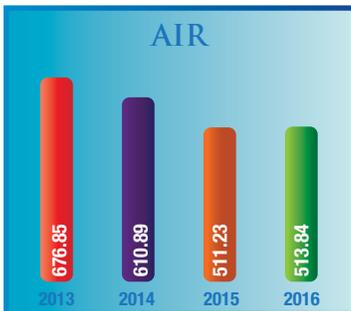


Bayou Steel/Evonik Reserve CAP

MARATHON PETROLEUM COMPANY LP



Total emissions in thousands of pounds



MARATHON PETROLEUM COMPANY LP (MPC) is proud to be a member of

St. John the Baptist Parish for the last 40 years. MPC is dedicated to being a company that values Health, Environmental Stewardship, safety and Security at its Louisiana Refining Division (LRD) facility. By following these values, LRD works to protect its employees and the community that we call home.

MPC is a member of the American Chemical Council's Responsible Care® program. The Responsible Care Program is a voluntary program that takes the best management practice approach to all Health, Environmental, and Safety programs. This voluntary initiative stresses continual improvement in environmental, safety, and security performance and community outreach. At Garyville, we are proud that the refinery's Health, Environmental, Safety and Security Management System (HESS MS) was certified in 2007 by an independent

auditor to comply with the Responsible Care Management System standard and was recertified on April 28, 2014. As a result of our commitment to safety, LRD continues to be recognized as a member in the Occupational Safety and Health Administration Voluntary Protection Program (VPP) Star program, having been part of this program since 1994. VPP Star facilities are recognized as exceeding compliance requirements and achieving superior safety and health management and performance. LRD achieves superior safety and environmental performance through the strong partnership of management and employees in our extensive training program and through participation on audit and investigation teams. Equally important is that LRD requires high standards from contractors ensuring that all persons working on site follow safety policies and procedures. LRD has received numerous "Star Among Stars" and "Superstar Among Stars" Awards from OSHA Region VI VPP.

Marathon – continued on page 13



Top photo: Marathon Petroleum Company donated to St. John Parish Sheriff's Office



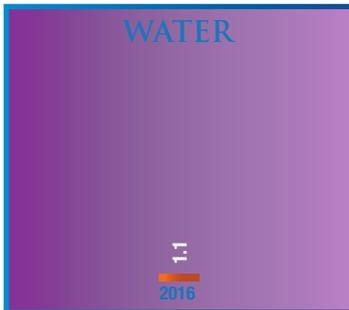
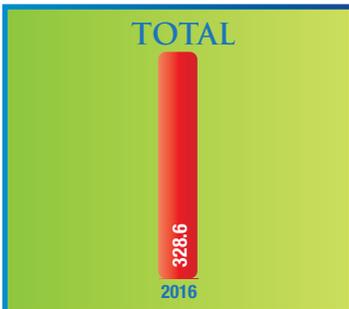
Bottom photo: Annual United Way Golf Tournament



DENKA PERFORMANCE ELASTOMER



Total emissions in thousands of pounds



DENKA PERFORMANCE ELASTOMER,

a global supplier of Neoprene, is an American entity with joint owners from Japan: Denka Company Limited and Mitsui & Co. LTD. Since November 1, 2015, Denka Performance Elastomer has owned and operated a portion of the Pontchartrain Site located in LaPlace. We manufacture Neoprene rubber, one of the first synthetic rubbers, known for its resistance to sunlight, ozone, oil and heat, and ease of processing. This material is used for a variety of purposes, including medical, military, automotive, and construction applications.

Denka Performance Elastomer has 240 full-time employees and 125 resident contractors, resulting in a total annual payroll of \$35 million. 77 percent of our workers are river parish residents, and our total taxes and purchases result in a contribution to the local and regional economies of approximately \$80 million per year. Our employees are active members of the community, giving back by participating in local programs including the United Way, Household Hazardous Material Collection Day, and Relay for Life.

Denka Performance Elastomer is committed to protecting the environment as well as the health and safety of our employees and the community as a whole. We demonstrate this commitment by complying with all applicable environmental permits and regulations and by certifying our compliance to the LDEQ and the EPA annually.

Denka Performance Elastomer first reported a full year of emissions data to TRI for the 2016 reporting year. We are committed to future emissions reductions and have begun installing over \$17 million in emissions control technology in 2017. In addition, we continually review emergent reduction technologies and implement them wherever feasible. Our commitment extends to working closely with regulatory agencies in this regard and maintaining open lines of communication within the community. At Denka Performance Elastomer, our goal is to achieve excellence in safety, health, and environmental performance.

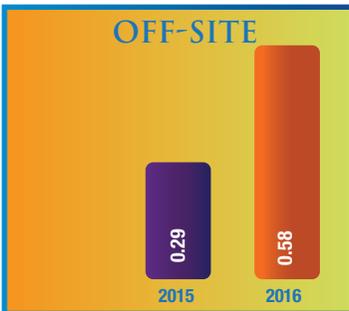
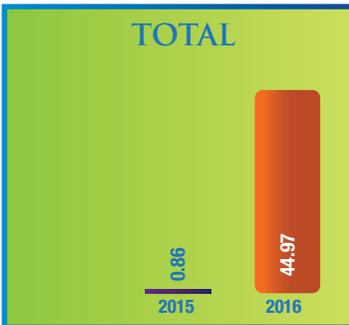


Pontchartrain CAP meeting - Denka Performance Elastomer makes a donation to United Way

AIR PRODUCTS – GARYVILLE SMR



Total emissions in thousands of pounds



This will be **AIR PRODUCTS GARYVILLE SMR** is in its 9th year reporting as owner/ operator of the Garyville Plant. This site is a Hydrogen plant with a total of 13 employees. At the Garyville site we produce **HYDROGEN** and **STEAM**. The hydrogen is produced using Steam-Methane Reformation. The steam and hydrogen are sold to the Garyville Marathon refinery. Hydrogen can also be compressed to the Gulf Coast Hydrogen Pipeline.

Air Products is committed to assuring environmental excellence through continual improvement, while sustaining business and production capabilities at world class levels. Evidence of this commitment includes our corporate environmental policy to achieve the highest environmental performance. Air Products is also active in St John Parish community activities like United Way,

sponsoring the 19th annual Household Hazardous Materials Collection Day event and judging several senior projects at area schools.

In 2016 annual production at the facility has remained strong. Air emission rates were down, resulting in a decrease in reported emissions

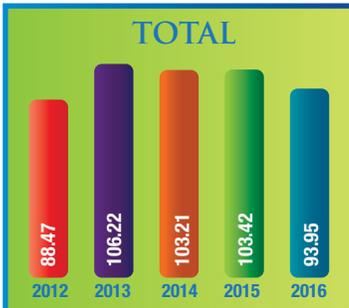
The Air Products Garyville SMR facility makes every effort to maintain world class performance. Our commitment to improvement of environmental, safety and security measures support our goal to make St. John Parish a better community/environment to live and work in both today and tomorrow. In January of 2017, the facility celebrated over two years without a recordable injury and over 9 years without having a lost time incident. Each employee is committed to doing their part to continue this successful trend.



PINNACLE POLYMERS



Total emissions in thousands of pounds



PINNACLE POLYMERS™ LLC operates one of the most modern Unipol™ facilities in North America. Our two production lines located in Garyville, Louisiana can produce in excess of one billion pounds of polypropylene per year. Pinnacle Polymers' polypropylene is shipped to customers worldwide and is used to manufacture many of the products that you see and use every day.

Pinnacle Polymers has always been a proponent of a safe and environmentally

friendly work place. Employing over 120 full time employees. Our Safety and Environmental Programs have changed from a compliance based program to a culture that believes in going beyond compliance. Pinnacle's Employees participate on the company safety committee, audit teams and complete training to improve the facility's safety culture.



Pinnacle Polymers is one of the sponsors of the LEPC Active Shooter presentations in schools. - photo by Angel Thompson

DETAILED SUMMARY: CLEAN AIR ACT RESULTS

As read on the Environmental Protection Agency web site:

www.epa.gov/clean-air-act-overview/progress-cleaning-air-and-improving-peoples-health

For more than forty-five years the Clean Air Act has cut pollution as the U.S. economy has grown.

- Experience with the Clean Air Act since 1970 has shown that protecting public health and building the economy can go hand in hand.
- Clean Air Act programs have lowered levels of six common pollutants -- particles, ozone, lead, carbon monoxide, nitrogen dioxide and sulfur dioxide -- as well as numerous toxic pollutants.
- From 1970 to 2015, aggregate national emissions of the six common pollutants alone dropped an average of 70 percent

while gross domestic product grew by 246 percent. This progress reflects efforts by state, local and tribal governments; EPA; private sector companies; environmental groups and others.

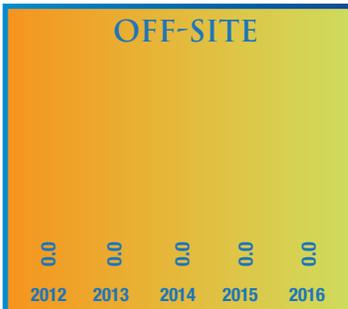
- The emissions reductions have led to dramatic improvements in the quality of the air that we breathe. Between 1990 and 2015, national concentrations of air pollutants improved 85 percent for lead, 84 percent for carbon monoxide, 67 percent for sulfur dioxide (1-hour), 60 percent for nitrogen dioxide (annual), and 3 percent for ozone. Fine particle concentrations (24-hour) improved 37 percent and coarse particle concentrations (24-hour) improved 69 percent between 2000, when trends data begins for fine particles, and 2015. (For more trends information, see EPA's Air Trends site.)

- These air quality improvements have enabled many areas of the country to meet national air quality standards set to protect public health and the environment. For example, all of the 41 areas that had unhealthy levels of carbon monoxide in 1991 now have levels that meet the health-based national air quality standard. A key reason is that the motor vehicle fleet is much cleaner because of Clean Air Act emissions standards for new motor vehicles.
- Airborne lead pollution, a widespread health concern before EPA phased out lead in motor vehicle gasoline under Clean Air Act authority, now meets national air quality standards in most areas of the country.
- State emission control measures to implement the Act, as well as EPA's national emissions standards, have contributed to air quality improvements.

EVONIK INDUSTRIES



Total emissions in thousands of pounds



EVONIK INDUSTRIES is an international corporation based in Germany with a workforce of over 33,500 employees worldwide. Evonik Industries is committed to chemistry that affords everyone the opportunity to live a healthy, happy and productive life.

As part of Evonik Industries, Nutrition & Care Segment and Baby Care Business Line, Evonik Corporation manufactures super absorbent polymers that are used in a variety of applications from consumer goods to agricultural products. The use of super absorbent in diapers helps keep babies dry and comfortable. The polymer is used in agriculture as a soil enhancer and in the cable industry.

Air emissions in 2016 was approximately 8,369 pounds. In 2016, Evonik Corporation maintained the dual certification in ISO 14001 and Responsible Care® 14001. In league with our ESHQ Policy, a company-wide initiative to reduce Evonik's environmental impact from 2012 - 2020 is well underway at the Garyville site. We will continue to investigate and implement more

efficient ways to operate our processes in order to reduce our environmental footprint.

Safe production has always been an Evonik priority. We worked all of 2016 with zero (0) recordable injuries and have experienced no lost time injuries since 2007. In addition to a robust program that focuses on the recognition of everyday safety activities, employees are involved in safety teams, training, inspections and audits to help improve plant safety.

Evonik Corporation has 78 full time employees and a contractor workforce ranging from 70 to 75 contractor employees. 51% of Evonik employees live in St. John the Baptist and St. James Parishes. Evonik Corporation and all employees are committed to the local community and look forward to continued growth, prosperity and community involvement.

Please explore <http://corporate.evonik.com/en/responsibility/corporate-values/pages/default.aspx> regarding their values and to download Evonik Corporation's positions, goals and attitudes.

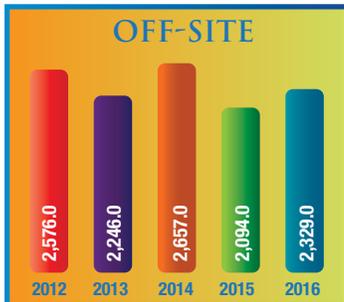
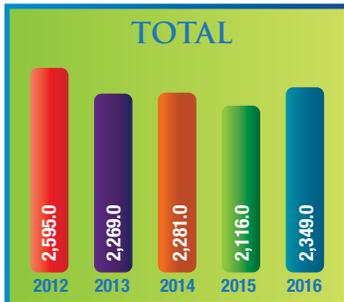


Evonik - Garyville is one of the sponsors of the LEPC Active Shooter presentations in schools. - photos by Angel Thompson

BAYOU STEEL



Total emissions in thousands of pounds



Steel is the most widely used metal and most recycled material on earth. Each year the amount of steel that is recycled is double that of all other recycled materials combined; that includes glass, aluminum, paper and plastics. Steel can be recycled over and over without loss of strength.

Electric Arc Furnaces (EAFs), like **Bayou Steel Group LaPlace**, are among the world's largest recyclers. EAFs produce steel utilizing almost 100% scrap metal as feedstock. The recycling of scrap steel plays a significant role in energy conservation, since the steel from scrap requires 25% less energy than the steel produced from iron ore and coke. Additionally the recycling of steel eliminates millions of tons of waste that might otherwise occupy valuable space in landfills.

Over 14 million automobiles are recycled each year, a recycling rate of 113%. Shredders can turn a car into fist sized pieces in less than a minute. Other recycling rates include: Appliances at 90%; Steel cans at 67%; Structural steel at 98%; and Reinforcement steel at 70%.

Bayou Steel, one of the largest recyclers in Louisiana, began operations in 1981. A sustainability leader, the facility began operating an automobile shredder in 1995 as well as a barge wrecking operation and full-service scrap yard. It is one of the few domestic structural steel producers with an on-site scrap shredder and full-service

ferrous processing operations. The facility is committed to operating in a safe and environmentally responsible manner. In 1999, Bayou Steel became the first EAF steel manufacturer to attain ISO 14001 certification for its environmental management system (EMS). Bayou Steel employees are committed to effectively performing all activities in order to meet environmental objectives.

Bayou Steel's objectives for environmental quality are:

- 1) Protect public health and the environment through pollution prevention and continual improvement of our operations;
- 2) Exceed the requirements of relevant environmental legislation and regulations;
- 3) Regularly review progress toward environmental targets and goals; and
- 4) Be recognized as a good corporate citizen.

The LaPlace facility recycled/melted approximately 80 million tons of scrap metal in 2016. The shredder facility recycled approximately 164 million pounds of scrap metal in 2016.

The off-site emissions reported are transfers of "shredded fluff", including foam and fabric from automobile seats, dashboards, and other plastic parts from automobiles and appliances. The majority of this off-site transfer is in the form of zinc which is properly landfilled.

Bayou Steel LaPlace employs approximately 385 persons. Fifty (50) percent of the employees live in the tri-parish area. The steelmaking facility has operated in St. John Parish for 36 years.



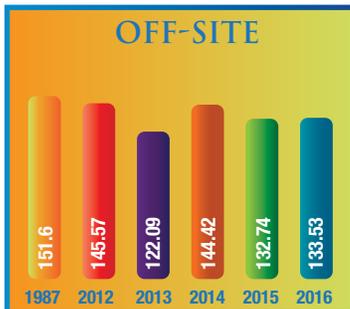
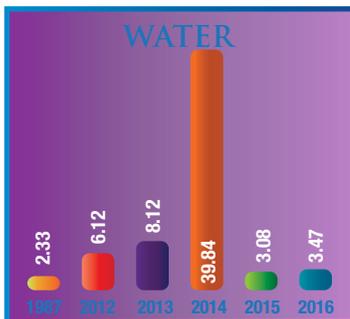
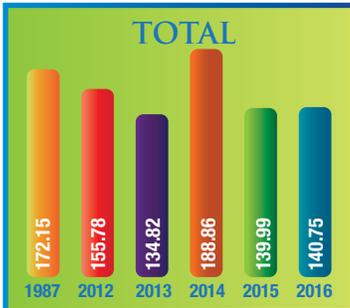
Bayou Steel employees Battle for the Paddle

NALCO CHAMPION

NALCO Champion

An Ecolab Company

Total emissions in thousands of pounds



Rodney Bourgeois, Jr., second from left, represented Nalco Champion at annual St. John Industrial Group breakfast meeting



Nalco Champion, an Ecolab company, is a leading global provider of water management solutions and process applications that combine operational efficiencies with environmental benefits to solve complex customer challenges. A trusted partner at more than one million customer locations, Ecolab is the global leader in water, hygiene and energy technologies and services that protect people and vital resources. Ecolab's 47,000 employees work to ensure clean water, safe food, abundant energy and healthy environments in more than 170 countries around the world.

Ecolab and Nalco are committed to ensuring the safety and health of their employees and communities. Safety and sustainability are core to the company's purpose of making the world cleaner, safer and healthier.

The 220 employees at Nalco's Garyville facility work to produce industrial water treatment products for use in boilers and cooling towers, wastewater treatment products and process chemistries for use in the papermaking, mining, petroleum, steel, power generation and food and beverage industries.

The Nalco Garyville team is proud of its safety record and has logged more than seven and half million safe work hours since the site's last lost time injury, which occurred in 2002.

Manufactured pounds of finished products at Nalco's Garyville facility decreased 18% in 2016 when compared to 2015 production. The facility manufactured 372,870,000 pounds of finished product in 2016 and 453,378,200 pounds of product in 2015.

Total emissions at the Garyville facility increased slightly in 2016. Total emissions were 138,734 pounds compared to 137,981 pounds in 2015. Air emissions decreased in 2016, totaling 1,726 pounds compared to

2,146 pounds in 2015. Water releases increased in 2016 at 3,473 pounds compared to 3,087 pounds in 2015. Off-site transfers in 2016 amounted to 133,535 pounds, a slight increase from 2015 off-site transfers of 132,749.

Nalco works to enhance quality of life in its communities and supports organizations and programs that strengthen and enrich the Garyville area, including:

- Founding member of the Garyville/Mt. Airy Community Advisory Panel
- St. John Parish United Way Board Member – employees annually support United Way
- Adopt-a-School partner with Garyville/Mt. Airy Magnet School and St. John Child Development Center
- Grants totaling \$34,000 were awarded to tri-parish area schools through the Ecolab Foundation Visions for Learning Program
- Grants totaling \$22,000 were awarded to local area non-profit organizations through the Ecolab Foundation Regional NPO Grants Process
- Supporter of the St. James Parish 4-H, Garyville Volunteer Fire Department and other community groups
- River Parish Chamber of Commerce Member
- St. John Parish Business Association Member
- St. John Local Emergency Planning Committee Member

In 2016, Nalco's Garyville facility contributed \$1.4 million to St. John the Baptist Parish tax base, approximately \$22.2 million in payroll and the value of facility purchases totaled \$154 million.

For more company news and information, visit www.nalco.ecolab.com or www.ecolab.com

MARATHON PETROLEUM COMPANY & DPC



Total emissions in thousands of pounds

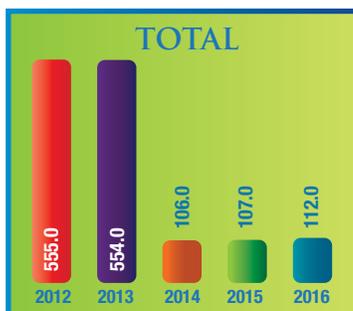


Photo courtesy of Louisiana Department of Culture, Recreation and Tourism

Marathon – continued from page 6

MPC is the industry leader for recognition by the EPA ENERGY STAR program. EPA distinguishes the best performing plants within an industry with ENERGY STAR certification. Since the program began in 2006, LRD has received the Energy STAR designation for each year (2006 through 2016). LRD is the only refinery in the country to receive this designation for all 10 years of the award.

The refinery also participates in the Louisiana Environmental Leadership Program (LELP). The mission of this program is to promote a cleaner and better environment for Louisiana through voluntary pollution prevention, waste reduction and/or other environmental stewardship efforts. LRD has won 23 Environmental Leadership Awards, including recognition in 2016 for a Pollution Prevention project for reduced water usage. Other environmental awards won by LRD include Regional Environmental Excellence Award for the Waste Minimization Program (U.S. EPA, Region VI), the Regional Award from the National Certified Hazardous Materials Managers (CHMM), and The Louisiana Wildlife Federation Corporate Conservationist of the year.

The facility monitors and reports air, water, and waste emissions. Releases to the air increased slightly from 511,236 pounds in 2015 to 513,840 pounds in 2016. The increase in air emissions can be attributed to an increase in emissions from the heaters and flares; however there was also a notable decrease in emissions from the Fluidic Catalytic Cracker and coker units. Releases to water increased from the previous year from 372,922 pounds in 2015 to 415,722 pounds in 2016. The increase in emissions associated with the wastewater treatment plant is attributed to an increase in nitrate concentration at the plant's outfall. Off-site waste transfers decreased

from 11,303 pounds in 2015 to 5,163 pounds in 2016. The decrease is attributed to fewer ammonia and nickel compounds being transferred to an off-site landfill.

A core value of MPC and its employees is our dedication to being involved in the St. John the Baptist Parish community. MPC donated \$250,000 to non-profits in 2016 to help with recovery for the Louisiana Great Flood. The refinery also provided water, tarps, and meals to residents who were affected by the devastation. The LRD is also the top fundraiser for St. John United Way; raising over \$500,000 for the organization last year. The LRD's continued dedication to our community is also illustrated by our efforts to support educational initiatives. We have four schools that are in our Adopt-a-School program: East St. John High School, East St. John Elementary, Garyville Mt. Airy Magnet School and South Central Louisiana Technical College. Each school receives \$15,000 and educational support such as teachers or STEM mentors. Additionally, the LRD hosts six meetings a year with our Community Advisory Panel (CAP) made of more than forty community members from the Mt. Airy, Garyville, Reserve, Edgard, and Wallace areas to discuss various topics of concern including industrial community outreach and environmental and safety performance. These are just a few of the many community activities and outreach programs in which LRD actively participates to help enhance the local community.

VALUE, GROWTH & INNOVATION ART CONTEST WINNERS

In 2017, we host our 18th annual St. John Industrial Group Art Contest for area students. The goal of the contest is to provide the youth of St. John the Baptist Parish with an opportunity to become interested, involved and educated about the environment. Students chose either “environment” or this year’s newsletter theme “Value, Growth & Innovation” as their art inspiration. Open to students from the 3rd through 6th grades in St. John, the contest was promoted through *L’Observateur* newspaper advertisements and via a letter to all school principals. First, second, third and honorable mention places were awarded in each grade.

This year we received **313** entries.

The students chosen are:

3RD GRADE

First Place

Tyler Smith, *Riverside Academy*

Second Place

Drew Aucoin, *St. Peter School – Reserve*

Third Place

Jayden Irwin, *Riverside Academy*

Honorable Mention

Leilany Marie Bonilla, *John L. Ory*

4TH GRADE

First Place

MacKenzie Ory, *St. Peter School – Reserve*

Second Place

Hailey Fernandez, *Ascension of Our Lord*

Third Place

Kenley Simon, *St. Peter School – Reserve*

Honorable Mention

Leondra Walker, *Emily C. Watkins*

5TH GRADE

First Place

Kenyin Keller, *LaPlace Elementary School*

Second Place

Carrington Fernandez, *Ascension of Our Lord*

Third Place

Jenna Chauvin, *St. Joan of Arc*

Honorable Mention

Evan Brady, *St. Peter School – Reserve*

Julia Laiche, *St. Joan of Arc*



Above: artwork by MacKenzie Ory

6TH GRADE

First Place

Chance Joseph, *Riverside Academy*

Second Place

Amyah Littleton, *LaPlace Elementary School*

Third Place

Emma Wale, *Riverside Academy*

Honorable Mention

Alayjah Graham, *Emily C. Watkins*

Students received a certificate for their accomplishment. In addition, the St. John Industrial Group awarded a:

\$30 WalMart gift card to first place winners, a \$25 WalMart gift card to second place winners, and a \$15 WalMart gift card to third place and honorable mention winners.

All participating teachers were recognized and received a \$20 gift card.

RISK MANAGEMENT PLANNING

Risk Management Planning (RMP) is a federal regulation from the United States Environmental Protection Agency (EPA) which became effective in 1999. RMP's goal is to keep the community informed of risks by requiring companies to provide the public with information regarding hazards and risks. Communication is a key aspect of this regulation. Preventing accidental chemical releases and minimizing the effects of accidents is our main focus in protecting residents and the environment. There are several layers of safety and environmental protection in place to assure our plants are safe and risk is kept to a minimum.

Five R's summarize our basic practices:

- ▶ **REMOVE** risk by changing, modifying or improving work processes.
- ▶ **REMOVE** risk by minimizing the amount of chemicals stored on-site.
- ▶ **REMOVE** risk by substituting listed chemicals with non-hazardous or less hazardous chemicals.
- ▶ **REMOVE** risk by continually training in areas of safety and environment.
- ▶ **RESPOND** to risk by training to properly handle chemicals. In the event of a release, we can respond quickly and effectively.

RMP Regulated Substances Handled by Participating St. John Parish Companies



Marathon Petroleum Company LP



An Ecolab Company



Evonik Materials Corporation - Reserve

Of the 77 Toxic Substances (EPA) and 78 for Louisiana DEQ,

Only 11 are in St. John:

Acrylonitrile	Ethylene Oxide	Nitrogen Tetroxide – (LARMP only)
Ammonia (anhydrous)	Formaldehyde	Propylene Oxide
Chlorine	Hydrogen Fluoride	Sulfur Dioxide (anhydrous)
Epichlorohydrin	Hydrogen Sulfide	

Of the 63 Flammable Substances, these are in St. John:

1,3 Butadiene	Hydrogen	Pentane(s)
Butane(s)	Isobutane(s)	Pentene(s)
Dimethylamine	Isopropane	Propane
Ethane	Methane	Propylene
Ethylene	2, 3 Methyl-1-butene	

For more information, call (985) 652-2222.

Please see individual company brochures for additional information.



Bayou Steel Group and Evonik Corporation do not handle any of the RMP-listed chemicals. Therefore, these two companies are not required to report to EPA and DEQ. However, both companies monitor all chemicals handled at the respective facilities and have safety programs in place.

IN CASE OF A CHEMICAL EMERGENCY

If You Are Told to SHELTER-IN-PLACE...

You should protect yourself inside your house or some other building. This is a good action to take if there is a short release or small amount of hazardous material in the air. If your children are in school, they will be protected by school officials. Take these steps to protect yourself:

- Go inside if you are outside. When inside, stay inside until your radio or TV says you can leave safely. This is most likely to be no more than a few hours, rather than a day or more.
- Close all doors and windows. Taping cracks or openings will provide more protection.
- Turn off heating, cooling or ventilation systems.
- Do not use fireplaces. Put out the fire and close the dampers.

- Listen to your local radio or TV stations for further instructions:

- **Radio** - Our E.A.S. stations are WWL 870 AM/WLMG 101.9 FM
- **TV Cable Systems** - In addition to Audio Override, the Government Access Channels are TimeWarner Cable 15, RTC Cable 15 and U-Verse Cable 99.
- **TV Broadcast Channels** - 4-WWL, 6-WDSU, 8-WVUE, 26-WGNO



If You Are Told to PROTECT YOUR BREATHING...

- You should cover your nose and mouth with a damp handkerchief or other cloth to protect your breathing. Fold the cloth over several times.
- Close the windows and doors if you are in a building or a car.
- Turn off heating, cooling or ventilation systems.



Presented by

St. John the Baptist Parish Department of Public Safety
Office of Emergency Preparedness
1801 W. Airline Hwy. • LaPlace, LA 70068
www.sjbparish.com/emergency_index.php

St. John Parish Industrial Group

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	Marathon Petroleum Company	(985) 535-2241
	Denka Performance Elastomer	(985) 536-7400
	Air Products-Garyville	(985) 535-8808
	Pinnacle Polymers	(985) 535-2000
	Evonik Corporation-Garyville	(985) 535-6700
	Bayou Steel Group	(985) 652-4900
	Nalco - An Ecolab Company	(985) 535-2221



Scan this QR code with your phone and be taken to the St. John Industrial Group web site!