



2024 Baytown Area Sustainability Report

ExxonMobil



What we're doing to protect tomorrow. Today.

ExxonMobil is committed to creating sustainable solutions that improve quality of life and meet society's evolving needs. We intend to do this in ways that help protect people, the environment, and the communities where we operate. Our talented and dedicated workforce forms the cornerstone of our efforts to Protect Tomorrow. Today.

Through continuous improvement and responsible operations, we strive to minimize our environmental impact and promote the well-being of the areas in which we operate. Our goal is to set new industry standards and drive positive change that benefits both current and future generations.



Environmental stewardship

In 2023, ExxonMobil emphasized its commitment to environmental stewardship, aiming for cleaner, greener operations in the Baytown area. Significant achievements¹ include:

56%

reduction in hydrocarbon flaring at the Baytown Refinery from 2021 to 2023

10%

decrease in fugitive volatile organic compounds emissions at the Baytown Chemical Plant since 2020

11%

reduction in flaring intensity² at the Baytown Olefins Plant from 2021 to 2023

37%

reduction in flaring intensity at the Mont Belvieu Plastics Plant from 2021 to 2023

¹Data between 2021 and 2023.

²Emissions intensity is calculated as the total emissions of a particular pollutant divided by some measure of production; and is typically represented with units of (tons emissions/100 tons production). "Production" is based on crude feed to the facility (refining sites) or total production of major products from the site (chemical sites). Variation in methods to determine "production" makes emissions intensity useful to compare relative emissions between similar sites (i.e. asset class), but less useful to compare sites with significant differences.

These efforts are part of the company's broader strategy to reduce emissions, employing state-of-the-art technologies and advanced methods for leak detection to minimize environmental impact and improve operational efficiency.

Employing state-of-the-art equipment provides the opportunity for improvements in both process safety and reduction of Nitrogen Oxides and volatile organic compound emissions.



Exxtend™ Technology | Advanced Recycling Facility in Baytown

In 2022, a major advanced recycling facility started operating in our Baytown Complex with a capacity to process **40,000 metric tons** of plastic waste annually, making it among North America's largest.

To date, we have processed more than **60 million pounds** of discarded plastics, transforming them into the raw materials needed to make valuable new products.

In April 2024, we announced plans to build a second advanced recycling facility in the Baytown Complex. This is part

Maximizing and conserving resources

ExxonMobil is dedicated to sustainable water management, acknowledging the water it uses as a crucial resource. Through continuous monitoring and treatment, the company ensures its water meets or surpasses quality standards.

In 2022, we implemented a robust water conservation plan that focuses on:

1. **minimizing** our first-pass water use, or base water use, and
2. **maximizing** our ability to cycle up, or reuse and recycle it.

This strategy has led to significant water conservation successes over two years of commercial operations, allowing ExxonMobil to voluntarily reduce its contracted water limit with the city of Baytown in 2023.

of our plan to have more than **1 billion pounds** of plastic waste processing capacity globally by 2027. Collaboratively, ExxonMobil, the City of Houston, Cyclx, and others initiated efforts in January 2022 to enhance local plastic recycling rates through new programs and infrastructure.

Additionally, investment in the Cyclx Circularity Center, set to start in 2025 in Houston, will support increased feed access for recycling and aid the partnership with Houston in reaching recycling goals.



ExxonMobil's first Advanced Recycling unit in Baytown, TX.

Minimizing operational waste

Recent efficiencies captured through our robust maintenance program resulted in about an **8%** reduction in freshwater usage from 2022 to 2023. Additionally, the four quarterly tests we conducted in 2023 for chronic whole effluent toxicity (WET) – which ensures we are meeting the Clean Water Act's ban on discharging toxic pollutants into surrounding waters – showed no signs of contamination.

Health and safety

At **ExxonMobil Baytown**, the safety and well-being of our employees is of utmost importance to us. Our dedicated Health and Safety Team collaborates closely with our business teams to evaluate work processes, suggest safety improvements, and implement programs to ensure our employees' wellness. This includes providing medical assessments, ensuring availability of protective gear, proper handling of hazardous materials, and offering first aid and CPR training.

Total Recordable Injury Rate Full Year 2023

Baytown area manufacturing (Baytown Chemical Plant, Baytown Refinery, Baytown Olefins Plant, Mont Belvieu Plastics Plant) combined employees and contract personnel TRIR is **0.097**¹ (TRIR is defined as the number of OSHA recordable incidents/injuries for every 200,000 hours worked²).

Prioritizing emergency preparedness

We highly prioritize emergency preparedness training and have a strong cooperative emergency response plan. Our team members are certified and dedicated to upholding the highest standards. ExxonMobil Baytown Area actively participates in local emergency planning initiatives and maintains regular communication with local first responders and officials to keep them informed about our resources and comprehensive measures for community and environmental protection.

The Baytown Area Responders consist of **107** firefighters. Some have additional specialties:

20 are trained in handling hazardous materials (HazMat)

24 are medical specialists

23 are rescue experts

Regarding Baytown area emergency drills:

In 2023, the **Emergency Response Team (ERT)** carried out **66** team drills, including **44** focused on firefighting, **11** on medical/rescue, and **11** on HazMat.

There are at least 4 exercises yearly that follow a structured **Incident Command System**.

Each year, we conduct at least one drill with mutual aid or outside agencies.



Every supervisor in Baytown and Mont Belvieu takes pride and ownership in ensuring that each person working in our facilities has **a safe and healthy workplace**.

ROB HILL

Baytown Area Safety, Security, Health & Environment Manager



The Baytown Area ERT participating in a tank fire drill.

¹Industry benchmark: The International Association of Oil & Gas Producers (IOGP) safety performance indicators and the American Fuel & Petrochemical Manufacturers (AFP) Report of Occupational Injuries and Illnesses are the Upstream and Downstream industry benchmarks, respectively. IOGP safety performance indicators data converted from incidents per 1,000,000 work hours to incidents per 200,000 work hours. Performance data may include rounding. ExxonMobil analysis of data published by AFP and IOGP.

Leading in process safety

At ExxonMobil's Baytown Area facilities, we have dedicated ourselves to purposefully designing and constructing our operations to include top-of-the-line process safety systems. As we embrace technological advancements, our knowledgeable site teams are proactively exploring the incorporation of new innovations into our facility. Our ongoing process safety efforts have equipped us to swiftly detect and address any issues within our site.

Community investment and involvement

As members of the community, our employees are committed to making positive impacts where they and their families live. We host a number of volunteer events throughout the year and are committed to working with local charitable organizations and nonprofits.



For nearly 40 years, Goose Creek CISD's partnership with ExxonMobil has empowered students to excel academically. Through their support of STEM programs, dedication to scholarships, and commitment to innovative projects, we have witnessed a remarkable increase in student achievement and a deepened commitment to academic goals. This collaboration continues to pave the way for our students' future success.

KENDALL DAVID
Executive Director of Community Engagement
Goose Creek CISD



In 2023, our employees gave back in the following ways:

1,000+ hours volunteering for important organizations and causes in our community through company-sponsored events.

Area charitable contributions totaled about **\$1 million** in 2023.

ExxonMobil employees and retirees raised **\$1.24 million** for the 2023 United Way of Greater Baytown Area and Chambers County Campaign

Ribbon cutting for the ExxonMobil Sponsored San Jacinto Elementary "Planting Seeds to Grow Giants" garden, promoting sustainability in schools.



A \$50,000 donation to the Goose Creek CISD Robotics Center.



Quality of life

We aim to enhance **quality of life**, generate economic growth and drive opportunities locally.

Delivering economic benefits

We currently have

~3,300

employees

an average of

4,000

contractors working on site

and

\$111m

contributed to local taxes in 2023

Education & Workforce Development

Investing in people

ExxonMobil has maintained a strong partnership with Lee College since its founding in 1934, actively engaging beyond financial contributions. Employees participate on advisory boards, in career fairs, and provide facility tours to students and faculty, also supporting the Lee College Veterans Center.

- ExxonMobil donated **\$100,000** to the Lee College Student Resource and Advocacy Center to help meet the basic needs of students such as food, transportation assistance, emergency aid funding, professional clothing closet and childcare assistance.
- ExxonMobil has donated equipment through the years, including a donation for the machinist/millwright lab for the Industrial Systems Technician Program and also a controls system donation in 2023 that serves as a capstone course for the Instrumentation program.



Lee College is deeply grateful for the unwavering partnership and generous support from ExxonMobil, a company that not only believes in our mission but actively contributes to transforming the lives of our students and their families. Together, we are building a brighter future for our community and empowering our students with the education and opportunities they need for lifelong success.

DR. LYNDA VILLANUEVA
President, Lee College

Investing in local businesses

We strive for our facilities to be representative of our community.

In this effort, we have partnered with local trade associations to hold vendor recruitment events aimed at diversifying and localizing our vendors and supply chain.

40 local and diverse businesses attended the Industrial Leads Seminar we sponsored in January 2024.

In 2023, our total spend for diverse businesses in the Baytown Area was:

- **\$89.9 million** for small businesses
- **\$24.9 million** for women-owned businesses
- **\$22.3 million** for minority-owned businesses
- **\$18.3 million** for small disadvantaged businesses
- **\$750,586** for veteran-owned businesses



At **ExxonMobil's Baytown Area Operations**, we're proud to have a world-class team that lives, works and raises families in the community in which we operate. Our accomplishments, both onsite and in the community, wouldn't be possible without the dedication and hard work of every individual at our site.

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Text "UPDATES" to 88841-EMBTA and subscribe to receive Baytown area updates via SMS text message. To receive updates in Spanish, text "UPDATESESP" to 88841-EMBTA.

Have site questions? Reach out to the Site Superintendent at 346-259-3293.

Visit us online at [exxonmobil.com/Baytown](https://www.exxonmobil.com/Baytown)



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