



Galveston Bay Refinery Sustainability Highlights

At the Marathon Petroleum Corporation (MPC) Galveston Bay refinery, our commitment to sustainability means taking actions that create shared value with our stakeholders — empowering people to achieve more, contributing to progress in our communities and protecting the environment we all share.



PROTECTING THE ENVIRONMENT

Improving Air Quality

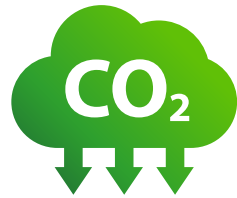
21% reduction of criteria pollutant emissions from 2014 to 2023

- **46% reduction** in sulfur oxide (SOx)
- **22% reduction** in nitrogen oxide (NOx)
- **16% reduction** in volatile organic compounds (VOC)
- **30% reduction** in particulate matter (PM₁₀)



Reducing Greenhouse Gas Emissions

- **Implemented** Focus on Energy program to reduce overall energy use
- **Upgraded** insulation to minimize heat lost in the refining process
- **Recovered and minimized** steam released to the atmosphere
- **Optimized** heater efficiency
- **Retired** lower-efficiency boilers



These efforts are part of MPC's companywide target to **reduce** Scope 1 and 2 greenhouse gas emissions intensity **30% by 2030** from 2014 levels.

Recycling Waste

13 million+ pounds of waste recycled in 2023

1 million+ gallons of oil recycled in 2023 via our thermal desorption unit—recovers oil from waste streams and returns it to the refinery to make gasoline

Conserving Water

1 billion+ gallons reduction of freshwater withdrawal from 2016-2023



Wildlife Habitat

20 acres of wildlife habitat land with 12 acres certified through the Wildlife Habitat Council and Pollinator Partnership



PROMOTING A CULTURE OF SAFETY

Our goal is an accident-free, incident-free workplace

Enhanced safety programs focus on:

- Reducing safety risks
- Peer observations and feedback
- Identifying leading indicators of life-altering incidents
- Focusing on human and organizational performance foundational beliefs

Stop-Work Authority

Employees and contractors working at the refinery have the authority to immediately stop work if they believe it poses a risk to themselves, the people around them or the environment.



INVESTING IN THE COMMUNITY



2021-2023 Community Investment Snapshot

\$3 million+ invested in Galveston County and surrounding communities by MPC and our employees



600+ nonprofits supported

8,500+ volunteer hours by refinery employees

Notable Grants

- **\$1 million** to **Texas City Independent School District** to build a state-of-the-art robotics center
- **\$158,000** to the **City of Texas City** to purchase mobile air monitoring units
- **\$150,000** to **College of the Mainland** to support process technology scholarships
- **\$50,000** to **Galveston Bay Foundation** to restore local marshes plus an additional **\$90,000** invested in its **Blue Carbon project** to protect the Chocolate Bay Preserve
- **\$50,000** to **Bay Area Habitat for Humanity** to build a new home for a local Texas City family

Galveston Bay Refinery at a Glance

Located on Galveston Bay, off the entrance to the Houston Ship Channel, the refinery is a major producer of high-quality fuels. Manufactured products are transported via pipeline, transport truck, rail, barge and ocean tanker.

Products Manufactured:

- Aromatics
- Chemical-grade propylene
- Distillates
- Dry gas
- Fuel-grade coke
- Gasoline
- Heavy fuel oil
- Naphtha
- Refinery-grade propylene
- Sulfur



1,500+
employees



630,000+ barrels per calendar
day of crude oil refining capacity



Awards and Recognitions



2022 American Fuel & Petrochemical Manufacturers Safety Innovation Award

Awarded to sites with innovative practices that improve occupational or process safety performance



2020 Texan by Nature 20

Awarded to companies with Texas operations that have made a demonstrable commitment to conservation



Contact

Government Affairs: Lavelle Edmondson | ledmondson@marathonpetroleum.com
Community Engagement: Iman Montgomery | ismontgomery@marathonpetroleum.com
Refinery Phone Number: 409-945-1765



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