

# Bayport Community Update

## Who we are

We are LyondellBasell (LYB) – a leader in the global chemical industry. Across all we do, we strive to unlock value for our customers, investors, and society. LYB has two sites in Bayport - Bayport Choate and Bayport Polymers. Together the sites span nearly 800 acres with approximately 900 employees and contractors. At LYB, we strive for GoalZERO performance which means zero injuries, zero process safety incidents, zero environmental incidents, and zero product safety incidents.



Site Manager  
Amy Caldwell

## Bayport Choate

The first plant at Bayport Choate started up in 1969 with additional facilities added in 1971, 1973, and 2022. The facility produces propylene oxide, propylene glycol, propylene glycol ether, tertiary butyl alcohol, high purity isobutylene, tertiary butyl hydroperoxide, and ethyl tertiary-butyl ether. Our customers use our products to produce paint and coatings, home furnishings, auto parts, gasoline components, personal care products, and antifreeze. Bayport Choate is also the largest propylene oxide/tertiary butyl alcohol (POTBA) site in the world based on production volume.

Amy Caldwell is the Bayport Choate site manager leading a team of over 650 employees and contractors. She has 30 years of experience in the petrochemical industry and has held a variety of leadership roles within both manufacturing and corporate Health, Safety, and Environment (HSE). Before becoming the site manager at Bayport Choate, Amy was the site manager at the Victoria site and was LYB's global Director of Process Safety and Loss Prevention. She has been the site manager at Bayport Choate for two years.



Site Manager  
James Guynes

## Bayport Polymers

The Bayport Polymers facility began operations in 1974 and proudly celebrated 50 years of service in 2024. The facility produces polypropylene and catalloy resins used by our customers to manufacture medical devices, home furnishings, automobile components, food packaging, as well as household and industrial bottles.

James Guynes is the Bayport Polymers site manager. He leads a team of over 350 employees and contractors at the Bayport Polymers site. James has over 30 years of international experience in the petrochemical industry, spanning four continents focusing on asset management and people development. James' career began in Lake Charles, Louisiana, where he worked as an operator while earning his undergraduate and graduate degrees from McNeese State University. He has worked in diverse roles in polymers, olefins, and chemicals, working at multiple sites along the Gulf Coast as well as international assignments.

# Flaring 101

Flares are essential environmental and safety control devices used to burn vented gases in a controlled manner. Their operation is regulated by the Texas Commission on Environmental Quality and the U.S. Environmental Protection Agency. Flares help safely burn gases and serve as safeguard equipment during operational events such as power loss, shutdowns, or startups.

There are two primary types of flares used at our Bayport Facilities: elevated emergency flares and elevated continuous flares. Elevated flares feature a tall tower with a visible flame at the top. These devices can burn gases with a 98% or higher destruction efficiency and use steam to reduce smoke. The biggest difference between the emergency and continuous flares are when they are used. Continuous flares are used during normal operations. Emergency flares are typically used for unplanned shutdowns and start-ups but always have a pilot flame to ensure that they are ready when needed.

Regardless of the type, flares are constantly monitored by cameras and analyzers to ensure everything is operating as designed. Flaring is a critical safety and environmental control measure that helps the site operate safely.



## Elevated flare

Flare pictures do not necessarily represent what is on site.



# Bayport facilities recognized for excellence in safety and community engagement

Bayport Polymers and Bayport Choate earned two prestigious awards for their outstanding contributions to safety and community engagement.

## Texas Chemistry Council Caring for Texas Award

Bayport Polymers and Bayport Choate earned two prestigious awards for their outstanding contributions to safety and community engagement.

Bayport Polymers and Bayport Choate received the Caring for Texas Award by the Texas Chemistry Council. This award celebrates facilities that demonstrate exceptional leadership in community awareness, emergency response, sustainability and pollution prevention. The recognition underscores the Bayport teams' commitment to environmental stewardship and proactive community engagement.



## AFPM Elite Platinum Safety Award

In addition, Bayport Polymers received the Elite Platinum Safety Award from the American Fuel & Petrochemical Manufacturers (AFPM). This award is among the highest distinctions in the industry, recognizing facilities that rank in the top one to five percent for safety performance. The Elite Platinum designation reflects Bayport Polymers' unwavering dedication to maintaining a culture of safety, innovation, and operational excellence.

These achievements are a testament to the hard work and dedication of our employees and contractors at both Bayport Choate and Bayport Polymers. Together, we continue to raise the bar for safety and community responsibility in our industry.





# Bayport community corner

## Community engagement highlights:

- Bayport Choate: Donated a classroom set of graphing calculators to La Porte High School, supporting student success in STEM education.



- Bayport Polymers: Proud sponsor of Brookwood Elementary's journey to the First Robotics World Championships, empowering young innovators.



# LYB – Sustainability report 2024 highlights

## At a glance sustainability performance

**0.127**

Total Recordable Incident Rate (TRIR), representing industry-leading performance, marking our second-best year for TRIR

**70**

Manufacturing sites achieved GoalZERO<sup>1</sup>

**100%**

allocation of Green Bond funds to eligible projects

**72**

Manufacturing sites were injury-free



Laid the foundation for our first commercial-scale chemical recycling plant using our

**MoReTec technology**

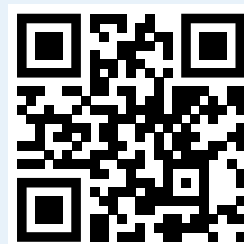
Produced and marketed more than

**200,000**

metric tons of recycled and renewable-based polymers<sup>2</sup>

Volumes of our recycled and renewable-based polymers have increased since 2023

**65%**



To learn more about LYB sustainability focus, and for footnotes read the full report here.



**1,820 MW**

of renewable energy capacity secured under power purchase agreements, which will enable us to meet our goal to procure at least 50% of our electricity from renewable sources by 2030<sup>3</sup>

## Community Awareness Emergency Response (CAER)

Community Awareness Emergency Response (CAER) Online is a free online system and app that provides information to the community about industrial incidents and planned events. Messages offer basic information such as what the incident or event is, where it happened, and whether any action is required by community members. Bayport Polymers and Bayport Choate actively participate in posting to CAER whenever there is an event of public interest. Download the app today by searching "EHCMA CAER Online" in the Apple and Google Play store.



Scan the QR Code for more information, including links for downloading the app

## Contact Us

Do you have questions about the LyondellBasell Bayport facilities?  
Contact us at [ASKBayport@lyb.com](mailto:ASKBayport@lyb.com)

## Bayport Choate

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## Bayport Polymers

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