



Water at Project YaREN

Project YaREN is a proposed low-carbon ammonia production and export facility in Ingleside, Texas, being developed by joint partners Enbridge and Yara. This project will prioritize employee and community safety, invest in the local economy and create a significant number of jobs in the Ingleside area.

Water in the Coastal Bend

The partners involved in Project YaREN know the people of the Coastal Bend take sustainable water use very seriously.

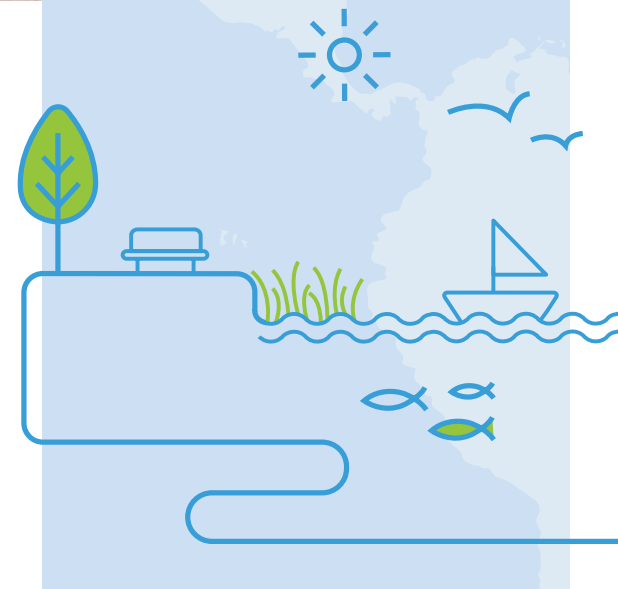
Project YaREN's solution to water management has been designed to avoid negatively impacting the City of Ingleside's drinking water or other

freshwater supplies. **This project will not access the City of Ingleside or San Patricio County freshwater supplies.**

The project's water demand and treatment will be fully funded by Project YaREN, and the project will obtain its own water supply and discharge permits, independent of third parties' separate authorizations.

Our water management plan

- ✓ Project YaREN will use seawater for the plant's recirculating cooling and heating systems
- ✓ Seawater will be sourced from the La Quinta Channel of the Corpus Christi Bay system
- ✓ Water will be cycled through the cooling towers to help regulate process temperatures
- ✓ Approximately 75% of the seawater accessed will be returned to the bay
- ✓ Water will be returned according to stringent standards for protecting marine life and activities in the bay



Project YaREN water cycle overview



Purification

A small amount of the seawater, about 10%, will be purified on-site, with the remaining 90% to be used as-is without treatment.

Boilers

The purified water will be used in the site's boilers to provide steam for heating process equipment.

Blowdown

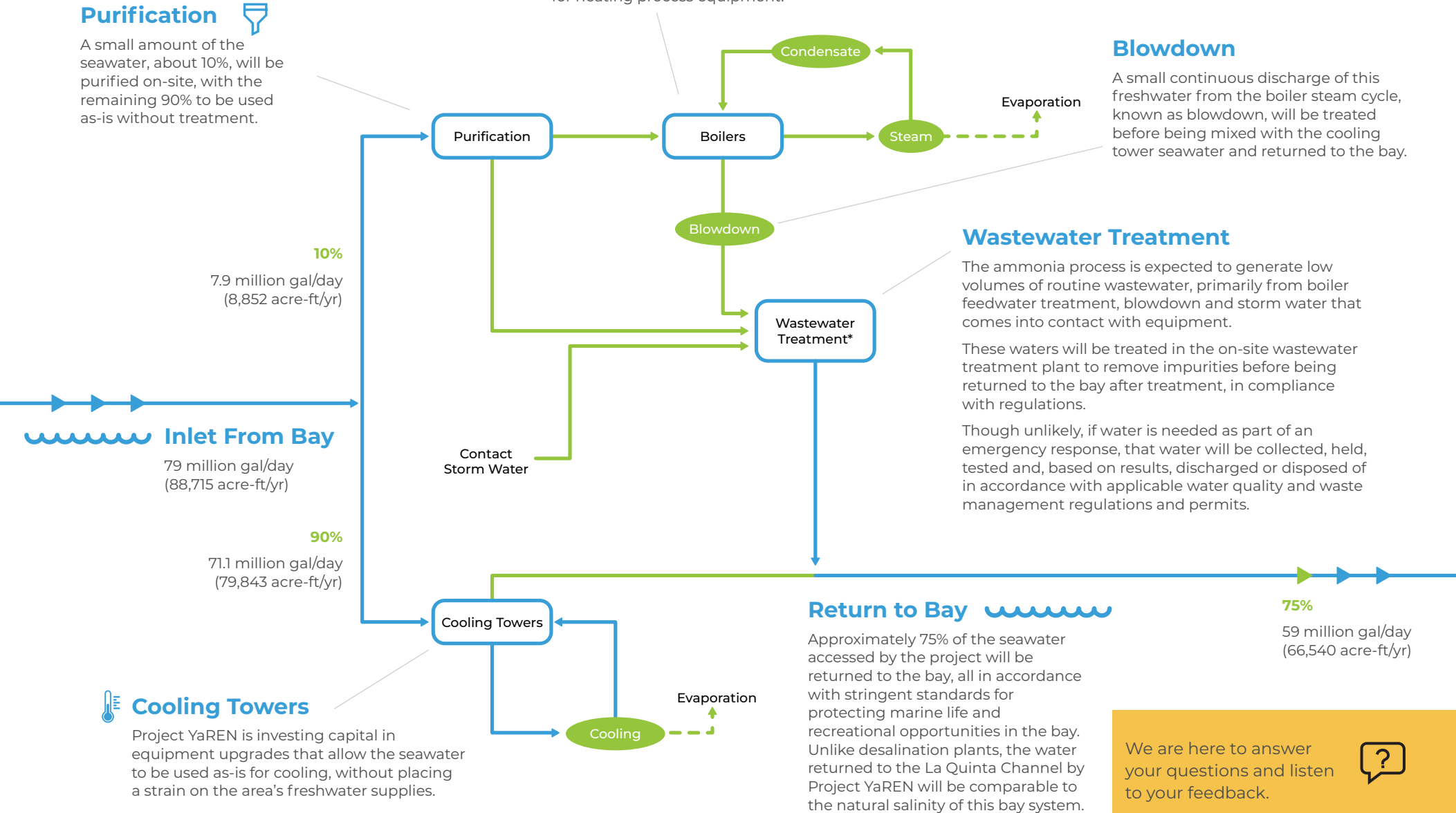
A small continuous discharge of this freshwater from the boiler steam cycle, known as blowdown, will be treated before being mixed with the cooling tower seawater and returned to the bay.

Wastewater Treatment

The ammonia process is expected to generate low volumes of routine wastewater, primarily from boiler feedwater treatment, blowdown and storm water that comes into contact with equipment.

These waters will be treated in the on-site wastewater treatment plant to remove impurities before being returned to the bay after treatment, in compliance with regulations.

Though unlikely, if water is needed as part of an emergency response, that water will be collected, held, tested and, based on results, discharged or disposed of in accordance with applicable water quality and waste management regulations and permits.



*As needed: settling, neutralization, biological, aeration treatment.

We are here to answer your questions and listen to your feedback.

Contact us at **361-461-0995** or email **EIECCommHotline@enbridge.com**
projectyaren.com