

Southeastern Louisiana University's Independent Monitoring of Lake Maurepas



Air Products is supporting a **three-year, nearly \$10 million project** for independent biomonitoring research of Lake Maurepas by **Southeastern Louisiana University**.

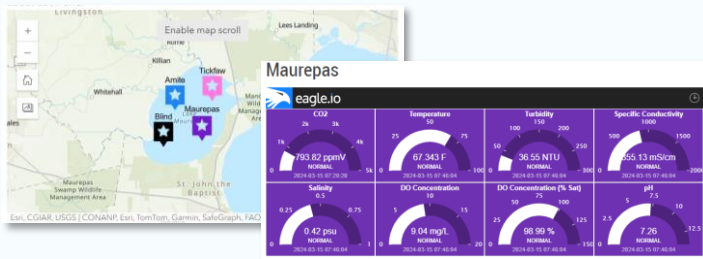
Monitoring Process

- Southeastern Louisiana University is **conducting a multi-phase research project** to monitor the aquatic and wetlands environments of Lake Maurepas.
- Phase one began in 2022 with gathering baseline data to build a basis for future biomonitoring activities.
- The current phase of monitoring runs from **2023 through 2025**, during which Southeastern's team will continue to watch for any chemical or biological impacts on Lake Maurepas' wildlife or wetlands and aquatic environments.
- Southeastern deployed **real-time monitoring buoys** in February 2024 that feed data to a public dashboard so members of the public can also **monitor the health** of Lake Maurepas. This data will allow other independent researchers to highlight any changes in the lake over time.



February 2024: Southeastern researchers deployed real-time monitoring buoys into Lake Maurepas.

Learn more about Southeastern's research using the QR Code or below URL:
southeastern.edu/lakemaurepas



Southeastern will monitor:

- Aquatic and wetlands environments
- Lake temperature, chemical levels, and pH levels
- Animals including catfish, frogs, alligator nests, rangia clams, and crabs

One of the four buoys also contains a weather station to monitor data like air temperature, rain totals, dew point, wind speed, and barometric pressure. Three buoys will have wave sensors to measure height and direction of waves. This data is shared on SLU's public dashboard.

About the Research

- Air Products is **committed to protecting the environment of Lake Maurepas** and has engaged third-party experts to independently monitor the lake during construction and operation of the Louisiana Clean Energy Complex.
- Southeastern will monitor the **aquatic and wetlands environments** of Lake Maurepas to include wildlife and other species that live in this ecosystem.
- **Southeastern's researchers** have studied Lake Maurepas for years and are **the leading experts on the lake's environment**. This independent biomonitoring research will further support and expand their efforts.
- Southeastern has **full control** over the funding, which will go toward research, data collection, and publicly available analytical results.

Air Products' Long History in Louisiana

55+
years in operation

18
operating facilities

330
Louisianans currently employed

For more information, please visit CleanEnergyLouisiana.com

