

1 and indirect effects of mixing various streams of carbon captured from industrial sites and
2 directly from the air on Louisiana's water supply and ecological environment.

3 BE IT FURTHER RESOLVED that the study shall provide for, at a minimum, the
4 following:

5 (1) Analysis of whether there should be concern over the mixing of multiple carbon
6 dioxide streams from disparate industrial sources in the same or communicating subsurface
7 geological zones, including potential physical, chemical, and rock-matrix interactions,
8 pressure effects, and risks of unintended communication via faults, fractures, or stratigraphic
9 and hydrologic pathways.

10 (2) Analysis of whether the current structural and regulatory framework for
11 oversight of these injection activities in Louisiana is sufficient to protect underground
12 sources of drinking water and the broader ecological environment, and, if not, the study
13 should include specific, actionable recommendations for optimization or improvement,
14 including any needed coordination among the Department of Environmental Quality, the
15 Department of Conservation and Energy, federal agencies, and other entities.

16 (3) Analysis grounded in the actual purity levels, impurity profiles, and stream
17 compositions contained in Class VI well permit applications already submitted by project
18 applicants to the state, rather than any notional, generic, or hypothetical carbon dioxide
19 stream data.

20 (4) Coordination, as appropriate, with the Louisiana Geological Survey, the
21 Louisiana state geologist, the United States Geological Survey, and the United States
22 Environmental Protection Agency for data access and technical input, while maintaining full
23 independence in findings and conclusions.

24 BE IT FURTHER RESOLVED that the Board of Regents shall submit the following
25 to the House Committee on Natural Resources and Environment:

26 (1) An initial report summarizing preliminary findings and data-gathering status no
27 later than January 1, 2027.

28 (2) An interim report with substantive analysis and preliminary recommendations
29 no later than June 1, 2027.

1 (3) A final, comprehensive, peer-reviewed research report with complete findings,
2 hazard rankings, recommendations, and any supporting modeling no later than June 1, 2028.

3 BE IT FURTHER RESOLVED that the Board of Regents shall notify the House
4 Committee on Natural Resources and Environment of any participating institutions and a
5 plan for the completion of the study no later than forty-five days after the adoption of this
6 Resolution.

7 BE IT FURTHER RESOLVED that a copy of this Resolution be transmitted to the
8 chairman of the Board of Regents, the commissioner of higher education, the secretary of
9 the Department of Environmental Quality, and the secretary of the Department of
10 Conservation and Energy.

DIGEST

The digest printed below was prepared by House Legislative Services. It constitutes no part of the legislative instrument. The keyword, one-liner, abstract, and digest do not constitute part of the law or proof or indicia of legislative intent. [R.S. 1:13(B) and 24:177(E)]

HR 144 Original

2026 Regular Session

Owen

Requests that the Bd. of Regents provide for a rigorous, peer-reviewed study on the potential effects of mixing streams of carbon captured from industrial sites and from the air on the state's water supply and ecological environment and submit the following written reports to the House Committee on Natural Resources and Environment:

- (1) An initial report summarizing preliminary findings and data-gathering status no later than Jan. 1, 2027.
- (2) An interim report with substantive analysis and preliminary recommendations no later than June 1, 2027.
- (3) A final, comprehensive, peer-reviewed research report with complete findings, hazard rankings, recommendations, and any supporting modeling no later than June 1, 2028.

Requests that the Bd. of Regents notify the House Committee on Natural Resources and Environment of any participating institutions and a plan for the completion of the study no later than 45 days after the adoption of this Resolution.