

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**CLEAN HYDROGEN WORKS LA-1, LLC / ASCENSION CLEAN ENERGY (ACE)**  
**PROJECT**

**PUBLIC HEARING AND REQUEST FOR PUBLIC COMMENT**  
**ON A PROPOSED INITIAL PART 70 AIR OPERATING PERMIT, A PREVENTION OF**  
**SIGNIFICANT DETERIORATION (PSD) PERMIT, & THE ASSOCIATED**  
**ENVIRONMENTAL ASSESSMENT STATEMENT (EAS), AS WELL AS A DRAFT**  
**WATER DISCHARGE PERMIT**

The LDEQ, Office of Environmental Services, will conduct a public hearing to receive public comments on a Proposed Initial Part 70 Air Operating Permit, a Prevention of Significant Deterioration (PSD) Permit, and the associated Environmental Assessment Statement (EAS), as well as a draft Louisiana Pollutant Discharge Elimination System (LPDES) permit for Clean Hydrogen Works LA-1, LLC, 1000 Post & Paddock St., Suite 104, Grand Prairie, TX 75050 for the Ascension Clean Energy (ACE) Project. **The facility is located at 5323 LA Highway 405, Donaldsonville, Ascension Parish.**

The hearing will be held on **Thursday, May 1, 2025, beginning at 6:00 p.m., at the Lemann Memorial Center-Gymnasium, 1100 Clay Street, Donaldsonville LA 70346.** During the hearing, all interested persons will have an opportunity to present oral statements, views, recommendations, opinions and information on the proposed permit. Additionally, written statements and other documents such as charts, data, and tabulations may be filed with the hearing officer at the hearing.

Clean Hydrogen Works LA-1, LLC (CHW) requested an Initial Part 70 Air Operating Permit and Prevention of Significant Deterioration (PSD) Permit for the proposed Ascension Clean Energy (ACE) Project (facility). CHW proposes to construct and operate a clean hydrogen/ammonia facility on a 1,700+ acre site in Ascension Parish. The facility will consist of up to six identical ammonia trains, each with a 3,600 metric tonne per day (MTPD) capacity. The project targets capturing up to 98% of the generated carbon dioxide (CO<sub>2</sub>) and exporting it via pipeline. Ammonia will be exported via ship with end-market applications of marine fuel, fertilizer, and hydrogen generation applications.

**This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.**

Permitted emissions from the facility, in tons per year (TPY), are as follows:

Pollutant	Permitted
PM <sub>10</sub>	111.91
PM <sub>2.5</sub>	95.61
SO <sub>2</sub>	13.96
NO <sub>X</sub>	215.59
CO	221.44

VOC	21.29
CO <sub>2</sub> e	399,633
Total VOC Toxic Air Pollutants:	2.25
Total Non-VOC Toxic Air Pollutants:	144.394

A working draft of the proposed permit was submitted to the facility representative. Any remarks received during the technical review will be addressed in the “Worksheet for Technical Review of Working Draft of Proposed Permit”. All remarks received by LDEQ are included in the record that is available for public review.

The EAS submitted by the applicant addresses avoidance of potential and real environmental effects, balancing of social and economic benefits against environmental impact costs, and alternative sites, projects, and mitigative measures.

This facility is also subject to Section 316(b) of the Clean Water Act and the applicable Federal and State regulations for cooling water intake structures. This draft water discharge permit includes conditions towards compliance with these regulations.

The principal discharge from this proposed source is made into the Mississippi River (Outfalls 001, 002, and 05A) and Rocky Canal via local drainage, thence into Bayou Sigur, thence into Grand Bayou (Outfalls 003, 004 and 05B), waters of the state classified for primary contact recreation, secondary contact recreation, fish and wildlife propagation, and drinking water supply (Mississippi River only). Under the SIC Code 2873, the applicant proposes to discharge treated process wastewater, first-flush process area stormwater, cooling tower blowdown, post first-flush process area stormwater, treated sanitary wastewater, miscellaneous utility and non-process wastewaters, clarifier underflow, and hydrostatic test water to the Mississippi River (Outfalls 001, 002, and 05A) and non-process area stormwater, miscellaneous non-process wastewaters, and hydrostatic test water to Rocky Canal via local drainage, thence into Bayou Sigur, thence into Grand Bayou (Outfalls 003, 004, and 05B) from a proposed blue ammonia manufacturing facility.

During the preparation of this permit, it has been determined that the discharge will have no adverse impact on the existing uses of the receiving waterbody. As with any discharge, however, some change in existing water quality may occur.

The public hearing will be conducted in accordance with La. R.S. 30:2017, which addresses the authority of the hearing officer, provides for the order in which speakers will be allowed to speak. A hearing officer will preside over the public hearing. This will be a formal hearing for the purpose of gathering facts and information. It will not include a “question and answer” component. In accordance with La. R.S. 30:2016, the hearing will be transcribed and become a part of the official public record.

Comments and requests for a public hearing or notification of the final decision can be submitted online on the public notice webpage (<http://www.deq.louisiana.gov/public-notices>), via personal delivery, U.S. mail, or email. **Comments and requests for public hearings must be received by 4:30 pm CDT, Monday, May 5, 2025.** Delivery may be made to the drop-box at 602 N. 5<sup>th</sup> St., Baton Rouge, LA 70802. U.S. Mail may be sent to LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313, and emails may be submitted to

[DEQ.PUBLICNOTICES@LA.GOV](mailto:DEQ.PUBLICNOTICES@LA.GOV). Persons wishing to receive notice of the final permit action must include a complete mailing address when submitting comments.

Please see additional instructions for comment submission, hand delivery and information regarding electronic submission at <http://www.deq.louisiana.gov/page/the-public-participation-group> or call (225) 219-3276.

A written response to all public comments will be prepared at the time of the final permit decision. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application and Emission Inventory Questionnaire (EIQ) forms, Proposed Initial Part 70 Air Operating Permit, PSD permit, EAS, Air Statement of Basis, and additional information, as well as the LPDES permit application, additional information, draft LPDES permit, and fact sheet are available for review at the LDEQ, Public Records Center, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).**

Additional copies may be reviewed at Ascension Parish Library - Donaldsonville Branch, 500 Mississippi Street, Donaldsonville, LA 70346-2535.

Individuals with a disability, who need an accommodation in order to participate in the public hearing, should contact Doug Bordelon at 225-219-1325 or [Doug.Bordelon@la.gov](mailto:Doug.Bordelon@la.gov) four business days prior to the date of the public hearing.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Christopher Smith, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3439. Inquiries or requests for additional information regarding the LPDES permit action should be directed to Michelle Bickham, LDEQ, Water Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3193.

Persons wishing to be included on the LDEQ permit public notice mailing list, wishing to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server, or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [DEQ.PUBLICNOTICES@LA.GOV](mailto:DEQ.PUBLICNOTICES@LA.GOV) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at <http://www.deq.louisiana.gov/public-notice> and general information related to the public participation in permitting activities can be viewed at <http://www.deq.louisiana.gov/page/the-public-participation-group>.

**All correspondence should specify AI Number 238769; Permit Numbers 0180-00235-V0, PSD-LA-858 and LA0127739; and Activity Numbers PER20230001, PER20230002, and PER20230003.**

**Scheduled Publication Date: Wednesday, March 26, 2025 – LDEQ Website**