

PUBLIC NOTICE

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
MARATHON PETROLEUM COMPANY LP / LOUISIANA REFINING DIVISION – GARYVILLE REFINERY
PROPOSED PART 70 AIR OPERATING PERMIT SIGNIFICANT MODIFICATION AND
PREVENTION OF SIGNIFICANT DETERIORATION (PSD) PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed Part 70 Air Operating Permit Significant Modification and PSD Permit Modification for Marathon Petroleum Company LP, Post Office Box AC, Garyville, Louisiana 70051 for the Louisiana Refining Division - Garyville Refinery. **The facility is located at 4663 W. Airline Hwy, Garyville, St. John the Baptist Parish.**

Marathon Petroleum Company LP requested a permit modification for the Garyville Feedstock Flexibility Project and the Garyville Reformer Expansion Project.

The Garyville Feedstock Flexibility Project will enable Marathon to increase Unit 10 charge rate by 30 to 40 thousand barrels per day (MBPD). The project will also reduce reliance on purchased intermediate feedstocks and improve downstream yields through various modifications to the facility including the construction of a new Vacuum Preflash Column, additional exchangers, and a variety of equipment upgrades, which include the following:

- Install laser diode technology to monitor excess oxygen (O₂) and combustion parameters for Crude Atmospheric Heater A (10-1401, EQT0147) and Crude Atmospheric Heater B (10-1402, EQT0148); and
- Upgrade the fuel gas piping and control valves, replace burner tube support structures, and replace the convection section for Crude Vacuum Heater A (10-1403, EQT0149) and Crude Vacuum Heater B (10-1404, EQT0150).

The Garyville Reformer Expansion Project will increase Unit 11 charge rate by 5 MBPD and Unit 12 by 4.5 MBPD. The project will also aim to extend Unit 11’s catalyst life and optimize Unit 12 to reduce net gas to the fuel system by (a) replacing the Unit 11 and Unit 12 reactors and the net gas compressors and (b) adding heat exchangers, upgrading a variety of equipment, and adding fugitive components.

Additionally, Marathon proposes to revise the maximum firing rate of the HGO Hydrotreater Low Pressure Feed Heater (15-1403, EQT0158) to the “pre-project” level of 97.01 MMBTU/hour due to the change in the project scope associated with the Refinery Optimization Project, which was approved with the issuance of Permit 2580-00013-V25.

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, are as follows:

| Pollutant | Before | After | Change |
|-------------------|---------------|--------------|---------------|
| PM ₁₀ | 600.40 | 600.40 | - |
| PM _{2.5} | 555.27 | 555.27 | - |
| SO ₂ | 668.45 | 668.45 | - |
| NO _x | 2102.51 | 2102.51 | - |
| CO | 1659.34 | 1659.34 | - |
| VOC | 890.64 | 891.81 | + 1.17 |

Increases of NO_x and GHG emissions will be more than their respective PSD significance levels. There is not enough creditable emission reduction during the contemporaneous period to net NO_x emissions out of the PSD review. A PSD analysis was performed and is documented in Permit PSD-LA-822(M5).

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.

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, Thursday, October 23, 2025.** Delivery may be made to the drop-box at 602 N. 5th 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. 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.

If LDEQ finds a significant degree of public interest, a public hearing will be held. 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, proposed permit, PSD Permit, and the Statement of Basis are available for review at the LDEQ, Public Records Center, 602 North 5th 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.**

Additional copies may be reviewed at St. John the Baptist Parish Library - Garyville Branch (Frazee-Harris Memorial), 111 Historic Front Street, Garyville, LA 70051; and St. John the Baptist Parish Council, 1811 W. Airline Hwy., LaPlace, LA 70068.

Inquiries or requests for additional information regarding this permit action should be directed to Dan Nguyen, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3395.

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 by phone at (225) 219-3035.

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-notices> 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 3165, Permit Number 2580-00013-V34 and PSD-LA-822(M5), and Activity Number PER20250002 and PER20250003.

Scheduled Publication Date: Friday, September 19, 2025 (LDEQ Webpage)