

Prevention of Significant Air Quality Deterioration Review

Final Determination

March 2024

Facility Name: Anovion Bainbridge LLC

City: Bainbridge

County: Decatur

AIRS Number: 04-13-087-00061

Application Number: 28941

Date Application Received: July 18, 2023

Application Updates: September 20, September 25, September 26, and November 3, 2023;
January 3, January 24, and February 22, 2024 (name and address change)



State of Georgia
Department of Natural Resources
Environmental Protection Division
Air Protection Branch

Jim Boylan – Chief, Air Protection Branch

Stationary Source Permitting Program

Planning & Support Program

Steve Allison
Heather Brown
Wendy Troemel

Byeong-Uk Kim
Sarah Ray

BACKGROUND

On July 18, 2023, Anovion Bainbridge LLC (previously called Anovion Technologies LLC)(hereafter “Anovion”) submitted an application for an air quality permit to construct and operate a greenfield site that will be an anode materials facility capable of producing lithium-ion battery grade graphite powder from petroleum coke. The facility is located at 301 Live Oak Drive in Bainbridge, Decatur County (previously listed at 1600 Pondtown Road). The proposed project will use green petroleum coke (“pet coke”) as a raw material, which will be milled and/or calcined before being packed into canisters for graphitization in an Acheson Furnace at temperatures up to 3,000°C, and then screened and packaged for the final product. The facility anticipates manufacturing 40,000 metric tons (equivalent to 44,100 short tons or US tons “tons”) of synthetic graphite product per year.

On February 7, 2024, the Division issued a Preliminary Determination stating that the construction of the equipment as described in Application No. 28941 should be approved. The Preliminary Determination contained a draft Air Quality Permit for the construction and operation of all equipment at the greenfield site as described by Application No. 28941.

The Division requested that Anovion place a public notice in a newspaper of general circulation in the area of the existing facility notifying the public of the proposed construction and providing the opportunity for written public comment. Such public notice was placed in *The Post Spotlight* (legal organ for Decatur County) on February 7, 2024. The public comment period expired on March 8, 2024.

During the comment period, there were no comments received from the U.S. EPA Region IV, the facility, or the general public.

A copy of the final permit is included in Appendix A.

U.S. EPA REGION 4 COMMENTS

Comments were not received from U.S. EPA Region 4.

ANOVION COMMENTS

Comments were not received from Anovion Bainbridge LLC.

GENERAL PUBLIC COMMENTS

Comments were not received from the general public.

EPD CHANGES

On February 20, 2024, EPD received a notification that the facility had applied for and received their Georgia business registration. The facility was registered as Anovion Bainbride LLC. Additionally, the county updated the address from Pondtown to 301 Live Oak Dr. These changes were properly submitted and subsequently updated in the final permit.

APPENDIX A

AIR QUALITY PERMIT

3624-087-0061-P-01-0