

**PUBLIC MEETING
W.R. GRACE & CO - CONN
CURTIS BAY WORKS
JULY 6, 2026**



Susan Nash, Engineer

Air Quality Permits Program

Air and Radiation Administration



Background



W.R. Grace & Co. – Conn. (Grace) operates multiple production lines manufacturing specialty inorganic chemicals at their Curtis Bay Works facility.



On June 25, 2025, Grace submitted an air quality permit to construct application to expand and modify facility operations.



Areas Impacted by this Permit

MAGNAPORE[®] Catalyst Plant (MAG/MGX)

Manufactures polymerization catalysts used to produce advanced plastics and polymers.

Industrial Catalyst Operation (ICO)

Manufactures silica support products used in industrial coatings, matting agents, and clarifying agents.



What is changing?

MAG/MGX Modifications

Purpose

Increase production capacity to meet customer demand.

New Physical Equipment

4 new washpots and 16 wash baskets.

Emission Controls

All emissions routed to existing, operational site control equipment.

ICO Expansion

Purpose

Increase silica production and support existing lines.

New Physical Equipment

New manufacturing line (Line 3) and replacement hammermills

Emission Controls

All emissions routed to new and existing bin vents, baghouses, and filters.



Addressing Community Concerns



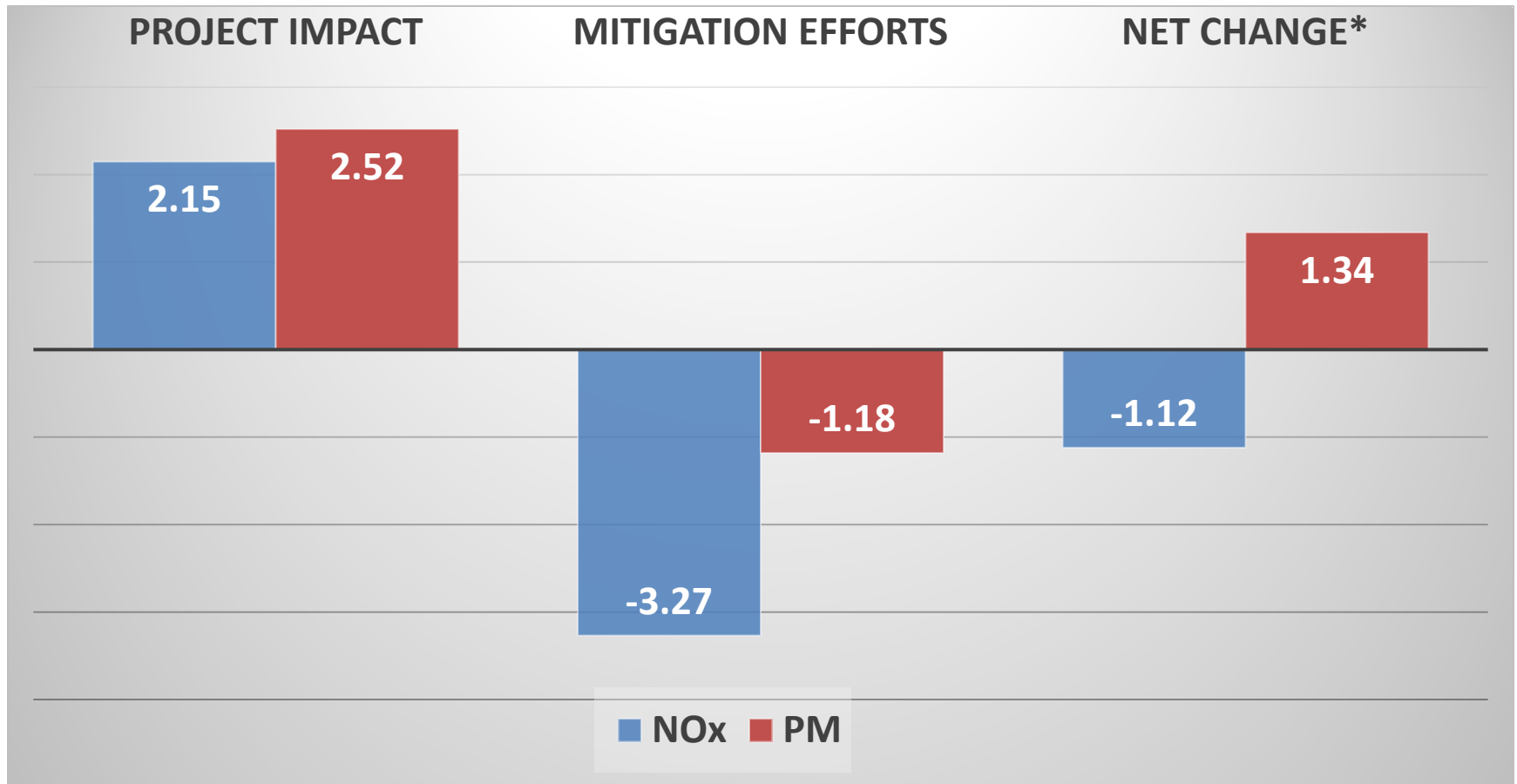
During public meetings, residents highlighted specific concerns regarding increases in particulate matter (PM) and oxides of nitrogen (NO_x) emissions.



Grace has implemented a mitigation plan at the facility with the goal of achieving a net zero increase in PM and NO_x emissions.



Project Impact and Expected Reductions



*Additional PM emissions reductions will occur as a separate project to upgrade existing baghouses



Permit Requirements

Operations and Maintenance
Plans for the MAG/MGX
Plant and the ICO

Ensures emissions of toxic
air pollutants are below
allowable levels

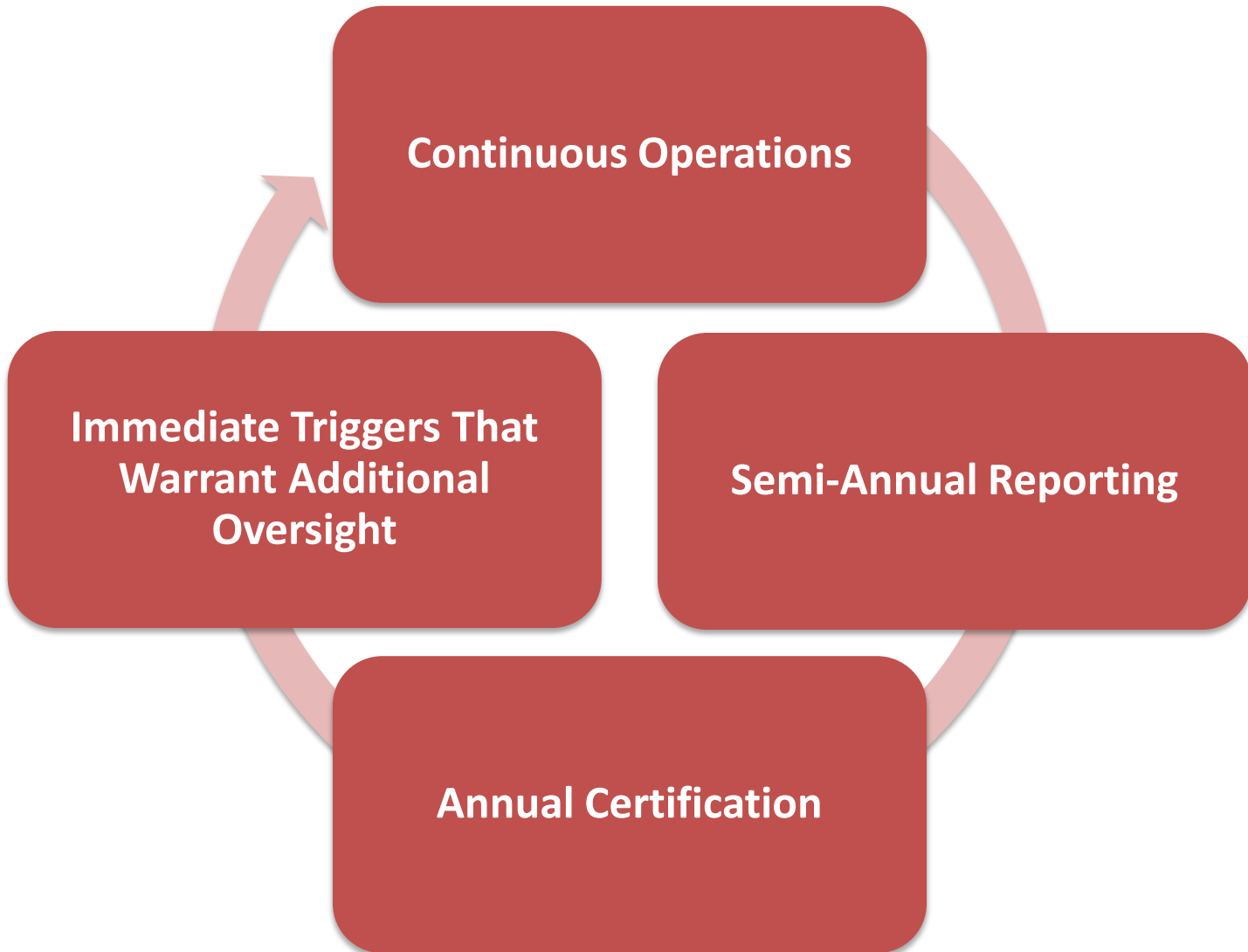
**Standards and Limits
Testing and Monitoring
Record Keeping
Reporting**

Prohibits processing of
trivalent chromium in the
ICO expansion.

Requires visible emissions
observations.

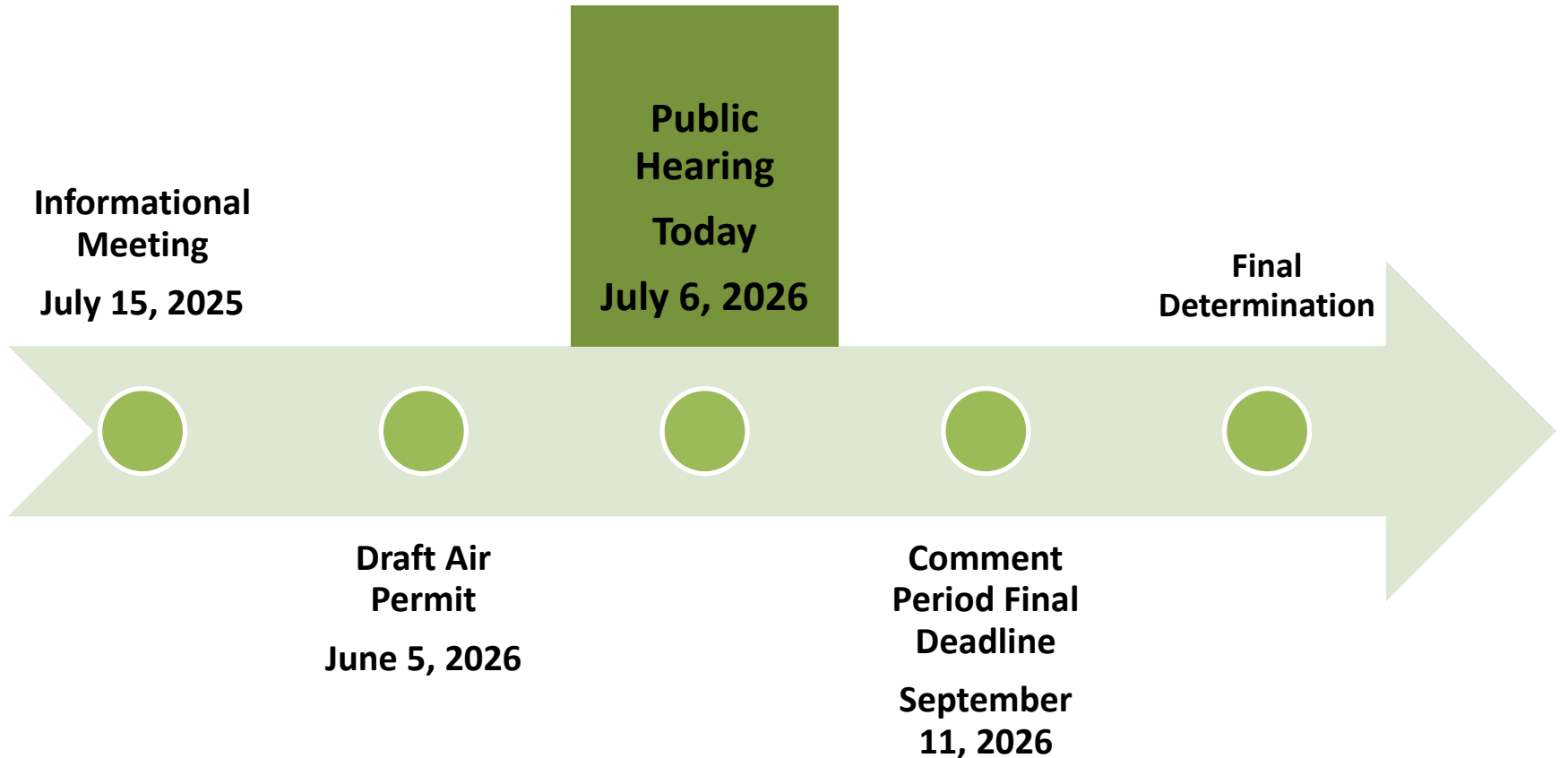


Post-Permit Oversight





The Public Review Timeline





Make Your Voice Part of the Record

- MDE will not finalize this permit without reviewing community input. Your feedback on the equipment, the emission estimates, and the mitigation strategies is vital.
- Submit all written comments by September 11, 2026.
- Send comments via e-mail to Ms. Shannon Heafey at shannon.heafey@maryland.gov
- For ongoing community questions directly for the facility, Grace maintains an open inbox at: Community@Grace.com