



July 28, 2025

NOTICE OF VIOLATION

VIA EMAIL: Nathan.Levin@shell.com

Nathan Levin, General Manager
Shell Chemical Appalachia, LLC
300 Frankfort Road
Monaca, PA 15061

Re: PA-04-00740C
ECF Visible Emissions
Shell Polymers Monaca
Potter Township, Beaver County, Pennsylvania

Dear Nathan Levin:

Shell Polymers Monaca (Shell) is authorized to operate pursuant to plan approval PA-04-00740C. On July 24, 2025, Shell reported the following visible emissions from the Ethane Cracking Furnaces (ECFs), which occurred during a malfunction on June 26, 2025. Shell stated that the visible emissions were assumed to be greater than 30% opacity during the malfunction. See the Table below.

ECF Visible Emissions

Malfunction Date	Source Involved	Visible Emission Duration
6/26/25	033	2:40 PM – 2:41 PM
6/26/25	034	2:40 PM – 2:42 PM
6/26/25	036	2:40 PM – 2:41 PM
6/26/25	037	2:40 PM – 2:42 PM

The Department has identified the following violations from these events:

PA-04-00740C, Section E, Source G01, Condition #002, states visible emissions from each of the ethane cracking furnace stacks shall not exceed the following:

- Equal to or greater than 10% opacity for a period or periods aggregating more than 3 minutes in any one hour.
- Equal to or greater than 30% opacity at any time.

By emitting visible emissions excess of these limits, Shell violated PA-04-00740C and 25 Pa. Code § 127.25.

25 Pa. Code § 127.25 states in part that a person may not cause or permit the operation of a source or air cleaning device unless the source or air cleaning device is operated and maintained in accordance with the conditions in the plan approval issued by the Department.

The above violations constitute unlawful conduct, and a public nuisance as defined by Sections 8 and 13 of the Air Pollution Control Act (APCA), 35 P.S. Sections 4008 and 4013, respectively. Persons violating DEP's Air Quality Regulations are subject to the penalties of Sections 9 and 9.1 of the APCA. Each day the violation continues constitutes a separate offense.

This Notice of Violation is neither an order nor any other final action of DEP. It neither imposes nor waives any enforcement action available to DEP under any of its statutes. If DEP determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions concerning this matter, please contact me at sbeaudway@pa.gov or at 412-417-7952.

Sincerely,

Scott Beaudway/SB

Air Quality Specialist

cc: S. Wiedemer, Environmental Group Manager
O. Law, Air Quality Compliance Specialist
Central Office (via email)
04-00740 Enforcement File