

 Pennsylvania Department of Environmental Protection		INSPECTION REPORT		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program	
Date(s) of Inspection: 9/3/25		Permit #(s): PA-04-00740A, B, C		Case #: 04-00740	
TV ☐ PA ☐ SM ☐ GP ☐ NM ☐ MEGA ☒		Expiration Date:		PF ID #: 775836	
Company Name: Shell Chemical Appalachia LLC		Municipality: Potter Township		County: Beaver	
Plant Name: SHELL CHEM APPALACHIA /PETROCHEMICALS COMPLEX		Physical Location: Route 18		Federal ID — Plant Code #: 46-1624986-1	
Responsible Official: Nathan Levin			Mailing Address: 300 Frankfort Road		
Title: General Manager			Monaca, PA 15061-2210		
Phone #(s): 724-709-2825					
Mark (X) All Inspection Types That Apply To This Inspection:					
☐	Full Compliance Evaluation (FCE)	☐	Plan Approval Inspection	☐	File Review (FR)
☐	Operating Permit Inspection (PI)	☐	Initial Permit Inspection (IPI)	☒	Complaint Inspection (CI)
☒	Routine/Partial (RTPT)	☐	Follow-Up Inspection (Ref. Date: _____)	☐	Sample Collection (SC)
☐	Minor Source(s) Inspection (RFD)	☐	Stack Test Observation	☐	Multi-Media Inspection (MM)
☐	Other:	☐	Announced		
Annual Compliance Certification Received: ☐ YES ☐ NO ☒ N/A			Date Received:		
AIMS Report Received: ☐ YES ☐ N.O ☐ N/A			Date Received:		
Mark (X) All Activities That Apply:					
☐	File Review	☐	Pre-Inspection Briefing	☐	Exit Interview/Briefing
☐	Pre-Inspection Observations	☐	Check For New/Unreported Sources	☐	Sample(s) Collected
☐	Visible Emissions Observations	☐	Verify Operation of CEMS	☐	Other
Compliance Status: ☒ In ☐ Out ☐ Pending ☐ Awaiting Co. Report Needs a Follow-Up Inspection? ☐ Yes ☒ No SIC: 2821 NAICS: 221112					
I inspected Center and Potter Townships mid-day today and did not observe any visible, fugitive or malodor emissions.					
I observed the Shell Chemicals facility today from 1:05 PM to 3:00 PM. I was located across the Ohio River at the Dock #6 building. I did not observe any visible, fugitive or malodor emissions today. The weather was sunny, dry and 82 degrees F.					
I inspected Industry, Vanport and Beaver mid-afternoon today and did not observe any visible, fugitive or malodor emissions.					
Company Representative: MEMO TO FILE		Title: _____		Signature: _____	
DEP Representative: Scott Beaudway		Title: Air Quality Specialist		Signature: Scott Beaudway/SB	
				Date/Time: 9/11/25	
This document is official notification that a representative of the Department of Environmental Protection, Air Quality Program, inspected the identified site. The findings of this inspection are shown above and on any attached pages, and may include violations uncovered during the inspection. Violations may also be discovered upon review of sample results or from any additional review of Department records. Notification will be forthcoming, if such violations are noted.					

Shell Chemical Appalachia LLC, 04-00740

I contacted Shell Chemicals to inform them of my observations and to request the list of operating sources and control devices.

9/3/2025 1:05 PM to 3:00 PM Source and Controls Status

031 Ethane Cracking Furnace 1 - Operating
032 Ethane Cracking Furnace 2 - Operating
033 Ethane Cracking Furnace 3 - Operating
034 Ethane Cracking Furnace 4 - Operating
035 Ethane Cracking Furnace 5 - Not Operating
036 Ethane Cracking Furnace 6 - Operating
037 Ethane Cracking Furnace 7 - Operating

101 Cogen 1 CT + DB - Operating
102 Cogen 2 CT + DB - Operating
103 Cogen 3 CT + DB - Operating

104 Cogeneration Plant Cooling Tower - Operating
105 Diesel-Fired Emergency Generator Engines - Standby
106 Fire Pump Engines - Standby
107 Natural Gas Fired Emergency Generator Engines - Standby

201 Ethylene Manufacturing Line - Operating
202 Polyethylene Manufacturing Lines -
PE1 Operating
PE2 Operating
PE3 Not Operating

203 Process Cooling Tower - Operating
204 Low Pressure (LP) Header System -Operating LP Incinerator/ Operating the Multipoint Ground Flare
205 High Pressure (HP) Header System -Operating HP Ground Flare A and B, HP Elevated Flare on Standby
206 Spent Caustic Vent Header System -Operating

301 Polyethylene Pellet Material Storage/Handling/Loadout - Operating
302 Liquid Loadout (Recovered Oil) - Not Operating
303 Liquid Loadout (Pyrolysis Fuel Oil, Light Gasoline) - Not Operating
304 Liquid Loadout (C3+, Butene, Isopentane, Isobutane, C3+ Ref) - Not Operating
305 Liquid Loadout (Coke Residue/Tar) - Not Operating

401 Storage Tanks (Recovered Oil, Equalization Wastewater) - Operating
402 Storage Tank (Spent Caustic) - Operating
403 Storage Tanks (Light Gasoline) - Operating
404 Storage Tanks (Hexene) - Operating
405 Storage Tanks (Misc Pressurized/Refrigerated) - Operating
406 Storage Tanks (Diesel Fuel > 150 Gallons) - Operating
407 Storage Tanks (Pyrolysis Fuel Oil) - Operating
408 Storage Tanks (Diesel Fuel < 150 Gallons) - Operating
409 Methanol Storage Vessels and Associated Components -Operating

501 Equipment Components - Operating
502 Wastewater Treatment Plant - Operating
503 Plant Roadways - In Use

All Listed Controls Operating