

<b>2700-FM-BAQ0023 2/2015</b>  <b>pennsylvania</b> DEPARTMENT OF ENVIRONMENTAL PROTECTION		<h2 style="margin: 0;">INSPECTION REPORT</h2>		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program		
Date(s) of Inspection: <b>11/20/24</b>	TV SM <input type="checkbox"/> NM <input type="checkbox"/>	PA GP <input type="checkbox"/> MEGA <input type="checkbox"/>	Permit #(s): <b>04-740</b>	Expiration Date: <b>4/28/25</b>	Case #: <b>04-740</b>	PF ID #: <b>775836</b>
Company Name: <b>Shell Chemicals App.</b>			Municipality: <b>Potter Twp.</b>		County: <b>Beaver</b>	
Plant Name: <b>Petrochemical Complex</b>			Physical Location: <b>Rt. 18</b>		Federal ID — Plant Code #: <b>46-1624986-1</b>	
Responsible Official: <b>Nathan Levin</b>				Mailing Address: <b>300 Frankfort Rd. Monaca, PA 15061-2210</b>		
Title: <b>General Manager</b>						
Phone #(s): <b>724-709-2825</b>						
<b>Mark (X) All Inspection Types That Apply To This Inspection:</b>						
<input type="checkbox"/> Full Compliance Evaluation (FCE)	<input type="checkbox"/> Plan Approval Inspection		<input type="checkbox"/> File Review (FR)			
<input type="checkbox"/> Operating Permit Inspection (PI)	<input type="checkbox"/> Initial Permit Inspection (IPI)		<input type="checkbox"/> Complaint Inspection (CI)			
<input checked="" type="checkbox"/> Routine/Partial (RTPT)	<input type="checkbox"/> Follow-Up Inspection (Ref. Date: _____)		<input type="checkbox"/> Sample Collection (SC)			
<input type="checkbox"/> Minor Source(s) Inspection (RFD)	<input type="checkbox"/> Stack Test Observation		<input type="checkbox"/> Multi-Media Inspection (MM)			
<input type="checkbox"/> Other:	<input type="checkbox"/> Announced					
Annual Compliance Certification Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A				Date Received:		
AIMS Report Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A				Date Received:		
<b>Mark (X) All Activities That Apply:</b>						
<input type="checkbox"/> File Review	<input checked="" type="checkbox"/> Pre-Inspection Briefing		<input checked="" type="checkbox"/> Exit Interview/Briefing			
<input checked="" type="checkbox"/> Pre-Inspection Observations	<input checked="" type="checkbox"/> Check For New/Unreported Sources		<input type="checkbox"/> Sample(s) Collected			
<input type="checkbox"/> Visible Emissions Observations	<input type="checkbox"/> Verify Operation of CEMS		<input type="checkbox"/> Other			
<b>Comments/Recommendations:</b> Enforcement since last FCE <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach summary)						
Today I performed a Routine Partial Inspection at Shell Chemicals Appalachia LLC facility in Potter Twp. I accompanied Brad Spayd and Luke Bishop, PADEP AQ Engineers, who were on site today performing an Initial Operating Permit (IOP) inspection for sources in the Plan Approved PA-04-00740/C, which was issued on 2/18/21, revised on 10/9/24 and will expire on 4/28/25. Shell personnel included Kim Kral, Alan Binder, Lauren Uffelman, Fred Mullner, Ginn Batiz and Aaron Signarovitz.						
Compliance Status: <input checked="" type="checkbox"/> In <input type="checkbox"/> Out <input type="checkbox"/> Pending <input type="checkbox"/> Awaiting Co. Report				Needs a Follow-Up Inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Company Representative: <b>Kimberly J. Kral</b>		Title: <b>Environmental Manager</b>		Signature: 		Date: <b>11/20/24</b>
DEP Representative: <b>Scott Beaudry</b>		Title: <b>AQS</b>		Signature: 		Date/Time:
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.						

**INSPECTION REPORT**  
**Continued**

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Air Quality Program

Today Brad and Luke reviewed the records during their IPI.

I was on site from 0905 to 1205.

I did not observe any visible, fugitive or malodor emissions during this time.

Company - plant name:

Shell chemicals

Initials of representative interviewed:

Date:

11/20/24

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Reviewed By \_\_\_\_\_

☐ White - Site

☐ Yellow - District Office

☐ Pink - Regional Office

I contacted Shell Chemicals to inform them of my observations and to request the list of operating sources and control devices and an analysis of the gas composition for the material being routed to the flare. On 4/12/24 Shell Chemicals asserted that the requested information is confidential. On 11/21/24 the Department determined that "the information that Shell Chemicals has identified as confidential in their submittals will be considered confidential by the Department subject to the provisions of Section 13.2 of the Pennsylvania Air Pollution Control Act, 35 P.S. § 4013.2.

11/20/2024 9:05 AM to 12:05 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 (Decoke)  
035 Ethane Cracking Furnace 5 –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 – CT starting up, Not operating DBs

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) –Operating Light Gasoline  
304 Liquid Loadout (C3+, Butene, Isopentane, Isobutane, C3+ Ref) –Operating C3+ and Butene  
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