

2700-FM-AQ0023 Rev. 1/2008 		<b>INSPECTION REPORT</b>		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program			
Date(s) of Inspection: <b>10/13/22</b>		TV <input type="checkbox"/> SM <input type="checkbox"/> NM <input type="checkbox"/>	PA <input type="checkbox"/> GP <input type="checkbox"/> MEGA <input checked="" type="checkbox"/>	Permit #(s): <b>PA-04-00740A, B, C</b>	Expiration Date:	Case #: <b>04-00740</b>	PF ID #: <b>775836</b>
Company Name: <b>Shell Chemical Appalachia LLC</b>		Municipality: <b>Potter Township</b>		County: <b>Beaver</b>			
Plant Name:		Physical Location: <b>Route 18</b>		Federal ID — Plant Code #: <b>46-1624986-1</b>			
Responsible Official: <b>William Watson</b>				Mailing Address: <b>300 Frankfort Road</b>			
Title: <b>General Manager</b>				<b>Monaca, PA 15061-2210</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 checked="" type="checkbox"/>	Complaint Inspection (CI) 367127, 367355		
<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 checked="" type="checkbox"/> N/A				Date Received:			
AIMS Report Received: <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A				Date Received:			
<b>Mark (X) All Activities That Apply:</b>							
<input type="checkbox"/>	File Review	<input type="checkbox"/>	Pre-Inspection Briefing	<input type="checkbox"/>	Exit Interview/Briefing		
<input type="checkbox"/>	Pre-Inspection Observations	<input 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>Compliance Status:</b> <input checked="" type="checkbox"/> In <input type="checkbox"/> Out <input type="checkbox"/> Pending <input type="checkbox"/> Awaiting Co. Report <b>Needs a Follow-Up Inspection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No SIC: 2821 NAICS: 221112							
<p>I inspected Beaver and Vanport, downwind of the Shell Chemicals facility, this morning and did not observe any malodors.</p> <p>I observed Shell Chemicals Appalachia LLC's facility this morning from 10:45 AM to 12:15 PM. I was located across the Ohio River near the Old Lock and Dam 6 Building. I did not observe any visible, fugitive or malodor emissions today. The weather was overcast, rain and 53 degrees F.</p> <p>I contacted Kim Kaal to inform her of my observations and to request the list of operating sources and control devices. Kim Kaal provided the following list of sources and control devices in operation at the time of my observations (page 2).</p>							
Company Representative: <b>MEMO TO FILE</b>		Title: -----		Signature: -----		Date: -----	
DEP Representative: <b>Scott Beaudway</b>		Title: <b>Air Quality Specialist</b>		Signature: <b>Scott Beaudway/SB</b>		Date/Time: <b>10/13/22</b>	
<small>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.</small>							

## Shell Chemical Appalachia LLC, 04-00740

### Sources reported to be in operation during my site observation:

031 Furnace 1 – HSSB  
032 Furnace 2 – HSSB  
033 Furnace 3 – HSSB  
034 Furnace 4 – HSSB  
035 Furnace 5 – On pilots  
036 Furnace 6 – HSSB  
036 Furnace 7 – HSSB

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 – Not operating but started up  
202 Polyethylene Manufacturing Lines - Not Operating  
203 Process Cooling Tower - Operating  
204 Low Pressure (LP) Header System - Operating LP Incinerator and Multipoint Ground Flare  
205 High Pressure (HP) Header System - Operating HP Ground Flare A and B (Not Elevated Flare)  
206 Spent Caustic Vent Header System - Operating Spent Caustic Vent Incinerator

301 Polyethylene Pellet Material Storage/Handling/Loadout - Not 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) - Operating C3+  
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 (First Fill)  
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) - Not 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, Still Paving

All Listed Controls - Operating