



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION REPORT

Commonwealth of Pennsylvania
Department of Environmental Protection
Air Quality Program

Date(s) of Inspection:

6/5/25

 TV ☐
 SM ☐
 NM ☐

 PA ☒
 GP ☐
 MEGA ☒

Permit #(s):

PA 04740 A, B, C

Expiration Date:

Case #:

04-00740

PF ID #:

775836

Company Name:

Shell Chemicals

Municipality:

Potter Twp.

County:

Beaver

Plant Name:

Petrochemical Complex

Physical Location:

Route 18

Federal ID — Plant Code #:

46-1624986-1

Responsible Official:

Nathan Levin

Mailing Address:

300 Frankfort Rd.

Title:

General Manager

Phone #(s):

724-709-2825

Monaca, PA 15061

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 ☐ NO ☐ 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 |

Comments/Recommendations:

Enforcement since last FCE ☐ Yes ☐ No (If yes, attach summary)

I performed a Routine Partial Inspection at Shell Chemicals Appalachia LLC Petrochemical complex in Beaver Co. today.

This was a follow-up inspection to my Emergency Response inspection yesterday evening.

The inspection was to examine the fire damage from the incident last night at ECF #5.

Compliance Status: ☒ In ☐ Out ☐ Pending ☐ Awaiting Co. ReportNeeds a Follow-Up Inspection? ☐ Yes ☒ No

Company Representative:

Laura Sabolyk

Title:

Regulatory Advisor

Signature:

Date:

6-5-25

DEP Representative:

Scott Beaudry

Title:

AQS

Signature:

Date/Time:

6/5/25

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.

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eFacts Inspection ID#:

3991379

Date:

6/5/25

Reviewed By

Stephen J. Wiedemer, AACP

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I met with the following Shell officials at the facility today:

Laura Sabalyk, Regulatory Advisor
Jason Schultz, Environmental Engineer
Aaron Sgnarvitz, Sr. Environmental Engineer.

We discussed the incident yesterday involving the fire at ECF #5 (Source 035). I stated that the Department will need photos of the fire damage. Shell will take photos, at my direction, using an intrinsically safe iPad and send the photos to the Department. Shell stated that the photos should be treated as Confidential Business Information. I asked Shell to submit their written request for CBI to the Department.

Update: Furnace 1, 2 and 3 and PE1 are currently in operation. ECF #4 + 7 are in Hot Standby. The processes are in operation to maintain stability of the facility. Damage investigation is ongoing but ECF #5 has not yet been entered. Only ECF #5 is currently inoperable. ECF #6 is offline since it shares a superstructure with ECF #5.

I asked Shell the question: What is the basis for assuming continued operational safety, by continuing to operate the other ECF?

Shell will send an email today to PADEP Air Quality with a response to this question.

I requested that Shell submit the Fence Line Monitoring data for 2:00 PM to 4:00 PM on 6/4/25 to the

Company -- plant name:

Initials of representative interviewed:

Date:

Shell Chemicals.

6/5/25

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Department. Shell will send the FLM data to the Department this week at latest or the data is already posted on line.

Next we inspected ECF #5 and observed the damage. The furnace wall (North Side) was significantly damaged with a large amount of fire brick visible and also on the ground and surrounding catwalks. Shell Staff, Aaron Sigmarovitz took the following photos today:

- Photo 001 - North Facing, ECF #5, from Level 4.
- photo 002 - North Facing, ECF #5, from Level 4, inside ECF
- photo 003 - North Facing, ECF #5, from Level 4, pan Left.
- photo 004 - North Facing, ECF #5, from Level 4, zoom inside ECF
- photo 005 - North Facing, ECF #5, from Level 4, zoom inside ECF 2
- photo 006 - North Facing, ECF #5, from Level 4, pan Up -
- photo 007 - North Facing, ECF #5, from Level 4, pan Up 2.
- photo 008 - SE Facing, ECF #5, from Level 4
- photo 009 - SE Facing, ECF #5, from Level 4, zoom in.
- photo 010 - SE Facing, ECF #5, from Level 4, zoom in 2.
- photo 011 - West Facing, ECF #5, from ground level
- photo 012 - West Facing, ECF #5, from ground level, pan down.
- photo 013 - West Facing, ECF #5, from ground level, zoom in.
- photo 014 - West Facing, ECF #5, from ground level, pan right.

Shell will email the photos to PADEP Air Quality (Mark Gorog, Steve Weidner and Thomas Joseph) along with the damage assessment timetable, the response to Thomas Joseph's question about operational safety concerning the ECFs, and the fence line monitoring data for 2:00 PM - 4:00 PM on 6/4/25.

I did not observe any visible, fugitive or malodor emissions during my inspection today.

Company -- plant name:

Shell Chemicals.

Initials of representative interviewed:

Date:

6/5/25.

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