

**SHELL FIFE NGL**

## **Mossmorran & Braefoot Bay**

### **Fife Council Scrutiny Committee Report**

**Report covering operations at Shell Fife NGL 2022**

1. Safety & Environmental
2. Emergency Planning Exercises
3. Fife NGL Plant Activities
4. Braefoot Bay Activities
5. Workforce
6. Community, including Notices & Feedback
7. Social Investment & Community Development

#### **About us**

The 'Mossmorran complex' in Fife includes two plants operated by two separate companies: the Fife NGL plant operated by Shell U.K. Ltd. and the Fife Ethylene Plant operated by ExxonMobil.

The Shell Fife NGL Plant is operated 24/7 all year round in a system of critical national infrastructure that transports, processes and distributes gas from the North Sea (UK & Norway), enabling about 20% of UK gas supply. The plant helps meet industry and domestic power needs every day, and provides feedstock to manufacture a wide range of household products in Scotland and the UK.

## 1. Safety & Environmental

### Operational updates

#### January – March 2022

The plant has been in steady operation so far in 2022. We are progressing work in a number of key areas including the Control Room upgrade at Braefoot Bay for which the scaffolding is now in place. As we move into Spring, there will be more workers coming on site as we begin a number of routine maintenance scopes to maintain the integrity of the plant as well as activities such as insulation removal and painting.

#### COVID-19

Fife NGL has continued to operate during the COVID-19 pandemic due to its essential role in the UK's critical energy infrastructure. The site continues to adhere to a range of preventative measures but is easing restrictions in line with society.

#### April – December 2022

We recently announced a new investment as part of our ongoing aim to continuously upgrade the Fife NGL plant. We have committed to plans to install new, enclosed ground flare at the plant in 2025, which will ensure that we are continuing to deploy best available technology at the plant and will help to minimise the impact of our operations with respect to the local community.

We completed upgrades to our elevated flare stack, including the replacement of one of its flare tips and installing a combustion-monitoring camera.

### Process and personal safety

#### January – March 2022

We had one routine, planned HSE inspection focused on fractionation (how we separate out our gasses using pressure and temperature) in February.

#### April – December 2022

There were no process safety or personal safety incidents in the period since the last report. There were no Health and Safety Executive or SEPA inspections since the last report.

## Environmental

### January – March 2022

We continue to progress plans in relation to our environmental commitments to the regulator SEPA, including the installation of our new HP flare tip.

We attended the recent meetings of the Noise, Vibration and Light, and Air Quality Expert Advisory Groups (EAGs), as well as the Communications EAG.

### April – December 2022

We continued to attend and input to the Air Quality Expert Advisory Group (EAG). The 2020 annual report was published earlier in the year, and we have provided our data for the 2021 annual report.

## 2. Emergency planning exercises

### January – March 2022

We completed three emergency exercises in this period. The site emergency response team took part in two exercises in January and February focused on Control of Major Accident Hazards (CoMAH). In March, we completed a desktop radiation exercise testing how we minimise any potential risk to site staff in the unlikely event of an incident.

### April – December 2022

We completed seven emergency exercises in this period. These exercises covered a variety of scenarios at Fife NGL and Braefoot Bay. We worked with the emergency services for our exercises in April and October.

## 3. Fife NGL Activities

### 2022 NGL Processed (Tonnes)

#### January

NGL Processing (Tonnes) 197,050

Planned 233,676

Average/ Day 6,356

#### February

NGL Processing (Tonnes) 173,573

## Fife Council Scrutiny Committee Report

Planned 203,353

Average/ Day 6,199

### March

NGL Processing (Tonnes) 163,020

Planned 170,727

Average/ Day 5,259

### April

NGL Processing (Tonnes) 148,245

Planned 183,724

Average/ Day 4,942

### May

NGL Processing (Tonnes) 167,989

Planned 202,381

Average/ Day 5,419

### June

NGL Processing (Tonnes) 194,954

Planned 194,662

Average/ Day 6,498

### July

NGL Processing (Tonnes) 168,672

Planned 183,956

Average/ Day 5,441

### August

NGL Processing (Tonnes) 154,228

Planned 173,008

Average/ Day 4,975

## September

NGL Processing (Tonnes) 154,383

Planned 170,256

Average/ Day 5,146

## October

NGL Processing (Tonnes) 160,790

Planned 163,160

Average/ Day 5,187

## November

NGL Processing (Tonnes) 153,102

Planned 146,290

Average/ Day 5,103

## December

NGL Processing (Tonnes) 167,014

Planned 154,010

Average/ Day 5,388

## **4. Braefoot Bay Activities**

### **2022 Shipping (number of vessels)**

#### January

- Propane 1
- Butane 2
- Propane/Butane 1
- Gasoline 3
- Total 7

#### February

- Propane 3
- Butane 2

## Fife Council Scrutiny Committee Report

- Propane/Butane 0
- Gasoline 3
- Total 8

## March

- Propane 1
- Butane 2
- Propane/Butane 2
- Gasoline 3
- Total 8

## April

- Propane 1
- Butane 2
- Propane/Butane 0
- Gasoline 3
- Total 6

## May

- Propane 1
- Butane 1
- Propane/Butane 1
- Gasoline 3
- Total 6

## June

- Propane 1
- Butane 3
- Propane/Butane 1
- Gasoline 3
- Total 8

## July

- Propane 2
- Butane 1
- Propane/Butane 0
- Gasoline 3
- Total 6

## Fife Council Scrutiny Committee Report

## August

- Propane 3
- Butane 3
- Propane/Butane 0
- Gasoline 3
- Total 9

## September

- Propane 1
- Butane 2
- Propane/Butane 0
- Gasoline 3
- Total 6

## October

- Propane 1
- Butane 2
- Propane/Butane 0
- Gasoline 2
- Total 5

## November

- Propane 1
- Butane 1
- Propane/Butane 1
- Gasoline 3
- Total 6

## December

- Propane 2
- Butane 2
- Propane/Butane 0
- Gasoline 4
- Total 8

## 5. Average Workforce numbers for 2022

Shell employees:	74
Contractors:	116
Trainees (Shell):	6
Total:	196

## 6. Community, including notices and feedback

### Community Notices 2022

Shell Fife NGL issues Community Notices to communicate with local stakeholders. The notices are uploaded to our website and circulated via a distribution list. In 2022, we issued seven Community Notices and they can be viewed here:

<https://www.shell.co.uk/about-us/projects-and-sites/shell-fife-ngl/contact.html>

### Feedback and complaints in 2022

In 2022 we received and responded to seven queries from local stakeholders including:

- A noise complaint at our marine terminal
- A flaring complaint at our Mossmorran site
- A request to build a structure on our land
- Three maintenance requests
- A report of vandalism

## 7. Social Investment & community development

Shell UK continued to support a number of community development and STEM education programmes in Fife including Shell Girls in Energy, Young Engineers and Science Clubs, Career Ready and Shell Twilight. We also made a number of donations to local charities through our community grants and annual charity awards. More information about our local initiatives can be found on our website and in our Mossmorran and Braefoot Bay quarterly committee reports that are submitted to the MMBB Safety Liaison Committee.