



## Mossmorran & Braefoot Bay Community & Safety Committee Report

Meeting on Thursday 12th December 2019  
Report covering period September – November 2019

1. Safety & Environmental
2. Emergency Planning Exercises
3. Fife NGL Plant Activities
4. Braefoot Bay Activities
5. Workforce
6. Site Visits
7. Community, including Notices & Feedback
8. Social Investment & Events
9. Grants, Donations and Support
10. Ongoing Social Investment

## 1. Safety & Environmental

**Personal safety:** We are investigating an incident that occurred during work by a team of three people on site to modify a hot oil system. An alarm alerted the Fire Service as is protocol and they were stood down on arrival. We appreciated their immediate response.

**Process safety:** We isolated a line at Braefoot Bay using a new technology to replace an existing flow measurement device with a new, simpler flow measurement system.

**Operational update:** The Shell Fife Natural Gas Liquids (NGL) plant continues to balance supplying the needs of energy customers in the UK with managing the flaring of excess ethane until the neighbouring Fife Ethylene Plant (FEP) re-starts.

We plan to continue to operate throughout the festive period to maintain the supply of energy products on which thousands of communities regionally and nationally depend, and we are liaising closely with the Fife Ethylene Plant regarding their timeline and plans to re-start in order to manage our own operations with the community in mind.

In response to three community questions about the volume of excess gas flared since ExxonMobil shut down temporarily, any customer for it, and other uses for the excess ethane:

There is a process whereby we submit annual flare volume data to the regulator SEPA and then they publish the data. We will submit data for 2019 in March 2020: it is commercially sensitive to share volumes outside this process.

Our measures to lower the amount of ethane piped to Mossmorran have included restricting the overall amount of gas from North Sea gas fields that arrives at the St Fergus gas plant near Peterhead. We also put as much ethane as we're permitted to into the mix we send to the National Grid at St Fergus, and we have worked with partners in the energy supply system on temporary means of reducing some of the flow of ethane to the flare at Mossmorran.

Aside from the National Grid use, ethane is used virtually exclusively as a feed for the chemical industry to produce other products, and this process requires a substantial integrated chain to be complete.

**Best Available Techniques (BAT):** We continue to work the requirements of our permit variation to meet the permitted deadlines.

**Environmental Monitoring Programme (EMP):** SEPA have our Environmental Monitoring Programme submission for their review.

**NHS report:** We welcome the evidence in the NHS Fife report as further analysis of flaring at Mossmorran and health in the community. We found it consistent with many years of reporting no evidence of an impact on health due to local air quality. We note the NHS Fife final recommendation that effort is made to reduce the frequency, duration and intensity of flaring events, and we consider this to be in line with our approach to minimising flaring at the Shell Fife NGL plant.

## 2. Emergency planning exercises

We carried out two emergency exercises in this reporting period. One was a multi-agency COMAH (Control of Major Accident Hazards) exercise with a scenario of operations at Braefoot Bay to test the coordinated response of many agencies to a major accident at the terminal.

The other built on previous useful exercises at Fife NGL and was designed to assist the team in confirming their own roles and responsibilities as well as those of external agencies involved in an incident response.

## 3. Fife NGL Activities

### NGL Processed (Tonnes)

	Sept	Oct	Nov
<i>NGL Processing (Tonnes)</i>	143,607	159,347	135,311
<i>Planned</i>	164,966	190,120	175,682
<i>Average/Day</i>	4,787	5,140	4,510

## 4. Braefoot Bay Activities

### Shipping (number of vessels)

	Sept	Oct	Nov
Propane	3	2	2
Butane	3	2	1
Propane/Butane	0	0	0
Gasoline	2	3	3
<b>Total</b>	<b>8</b>	<b>7</b>	<b>6</b>

## 5. Workforce

Shell employees:	89
Contractors:	174
Trainees (Shell):	6
<b>Total:</b>	<b>269</b>

## 6. Site Visits

- Members of Mossmorran Action Group (Linda Holt, James Glen and Joe Purves) visited the site on 25 October
- We welcomed 20 members of the Women in Engineering group from Heriot Watt University on 20 November
- Mark Ruskell (Green MSP) and Mags Hall (Scottish Greens candidate) visited the site on 22 November
- Neale Hanvey (running as independent candidate) visited the site on 29 November

## 7. Community, including notices and feedback

### Notices and Feedback

There were no Community Notices issued in this period. Our Community Notices can be found on the '*Community Notices and Contact*' section of the Shell Fife NGL website - [click here](#).

### Complaints

We received one complaint directly to Shell during this reporting period. This was from a local resident concerned about smoke and odour from the unusual, ongoing use of the ground flares. We are monitoring this with the complainant.

A reminder of how to make a complaint directly to Shell regarding Shell Fife NGL.

If you have a complaint or some feedback for us, and your request is not urgent, then please email [mairi.mckay@shell.com](mailto:mairi.mckay@shell.com).

If you need to contact Shell urgently, then please phone the Gatehouse at Shell Fife NGL +44 (0) 1383 611333 or the Gatehouse at Braefoot Bay Loading Terminal +44 (0) 1383 892123.

## 8. Social Investment & Events

### Fife Art

The exhibition ran from 5 October to 23 November 2019 at Lochgelly Centre, with almost 200 entrants. Six winning works were selected by a panel, and were bought by Shell to be presented to NHS Fife hospitals and health care facilities. The winning artists received a Shell award of £200.

### 2019 / 2020 Calendar overview

- c. September – Girls in Energy (2020 intake) – year-long course begins
- c. October/November - Fife Art Exhibition. Awards event in Lochgelly.
- c. November Girls in Energy Conference in Aberdeen
- c. January 2020 – Handover of Fife Art artworks to NHS Fife
- c. May - Girls in Energy 2019 intake end-of-year celebration event with Fife College
- May – TBC Fife NGL Family Fun Day @ St Colme House
- c. May – Tomorrow’s Engineers Programme – ongoing throughout the year
- June – Lochgelly High School Employability – work placements
- c. June – GIE Shell Industry Experience

## 9. Grants, Donations and Support

### Shell Employee Action (SEA) Grants

We aim to raise awareness of the SEA Grants to shell staff on the gas plant. No requests for Shell Employee Action (SEA) Grants were received in this period.

### Shell Community Grants

11 <sup>th</sup> Fife (1 <sup>st</sup> Burntisland) Scout Group	£1,000
Total	£1,000
 Total donations so far in 2019	 <b>£27,267.50</b>

We aim to have strong ties with, and benefit, the communities where we work. We support communities near to our UK operations through activities that meet community needs or address particular issues, often based on their suggestions.

If you have a community group who would like to make an application for support please make an application on our website here -

<https://www.shell.co.uk/sustainability/society/working-with-communities/sponsorship-and-donations.html>

## 10. Ongoing Social Investment

Shell UK supports a number of community development and STEM education programmes, which are summarised below. For more information, please [click here](#) to visit our website or contact John Raine at [john.raine@shell.com](mailto:john.raine@shell.com)

### Scotland & fenceline programmes

**Fife Art** Shell has sponsored the Fife Art Exhibition for over 30 years, our longest running sponsorship in the area.

**Shell - Girls in Energy** Girls in Energy is a one-year course designed to open young women's eyes to the energy industry's wealth of career opportunities.

**Tomorrow's Engineers** Shell has contributed over £1 million to expand the Tomorrow's Engineers programme throughout the UK. It reaches approximately 200 secondary schools across Scotland (217 in 2014). <http://www.tomorrowsengineers.org.uk/>

**Shell Twilight Basketball** We have sessions running in Fife at Levenmouth, Dunfermline and Lochgelly on Friday nights. Shell Twilight Basketball is a national programme which provides basketball sessions infused with education and life-skills. Sessions are free for 11 to 21 year olds. <http://scottishsportsfutures.org.uk/shell-twilight-basketball/>

### Shell UK national programmes

Shell has been supporting UK entrepreneurs and start-ups as part of our social investment work for almost 40 years through the Shell LiveWIRE - [www.shell-livewire.org](http://www.shell-livewire.org) and Shell Springboard [www.shellspringboard.org](http://www.shellspringboard.org) programmes.

In order to refresh our approach to supporting entrepreneurs and ensure we are providing the most impactful support, we plan to launch a new UK programme in early 2020 to support early-stage low-carbon start-ups that are dedicated to the energy transition. This is under development. Please check our website for updates: [www.shell.co.uk/enterprise](http://www.shell.co.uk/enterprise)

This means we are no longer accepting applications for Shell LiveWIRE or Shell Springboard. The last Shell LiveWIRE programme and Shell Springboard *Young Entrepreneur of the Year* winners [were announced](#) in July 2019, and the last *Shell LiveWIRE Smarter Future Awards* winner will be announced in September 2019.