

Mossmorran and Braefoot Bay Community Safety Committee

**Fife Ethylene Plant report covering the period
14 March 2019–13 June 2019**

Safety, Health and Environment (13.06.2019)

- Almost 24 years without a time losing injury to any personnel working onsite.
- 2.7 years since the last recordable injury.
- 53 days without an environmental incident resulting in a breach of consent limits – smoky flare.
- 53 days since last flaring incident.

Site Visits

- During the period since the last meeting we have welcomed, Lesley Laird MP, Anabelle Ewing MSP, David Torrance MSP, Alexander Stewart, MSP, Councillors Darren Watt, Mary Lockhart, Lea McLelland and Kathleen Leslie for discussion on flaring, our operations, continued plant investment and economic contribution to Fife.
- We also had a meeting with the Chief Executive and Co-Leaders of Fife Council to discuss to further our mutual understanding of the Council Motion.
- Meeting scheduled with number of community representatives at FEP. This is an opportunity to have a direct Q&A with key members of our operational teams and gain further insight into key facts relating to plant operations.
- Continuing our support for STEM (Science, Technology, Engineering & Maths) and DYW (Developing the Young Worker) we hosted a visit for Levenmouth Academy in March, demonstrating how STEM can open the way to real, exciting and rewarding careers.

- Projects are underway to develop new public communication materials to help build understanding about plant operations, address misinformation and provide assurance through facts. These will be deployed via a range of channels to meet the needs of the widest audience. Furthermore, we will again be extending invites to the local community to visit the plant and hear more about our operations – further underlining our transparency commitment to good relations
- 27 classes from local primary schools have visited the environmental pond so far during May and June 2019, to do pond dipping, with a further 7 planned before the end of the summer term. In 2019 FEP anticipates hosting approx. 1,000 visitors to the pond Dipping Environmental Programme. Following the decision by the Ecology Centre to end their partnership with ourselves, we have already moved to secure another partner ensuring that local children will not be disadvantaged and will benefit from the visits made by over 20,000 children before them. The Ecology Centre will see out this year's programme and we will then begin with our new partner next year. FEP welcomed Limekilns Brownies to visit the pond on Friday 10th May.
- Primary 5 Pupils from Tulliallan Primary School visited FEP to learn more about the operation of the plant and the roles of people working here.

Corporate Hospitality

There was no corporate hospitality during the reporting period.

Plant Operations – SEPA advisory reports

- On 21st April at 12:24pm, whilst one of the three site steam generating boilers (Z-SG-01A) was out of service for maintenance, a second boiler (Z-SG-01B) shutdown (or 'tripped') due to a low steam drum cut-out. The steam header pressure was unable to be maintained, impacting steam available to flare and resulting in shutdown of the two site refrigeration compressors (which are steam driven) and process gas compressor steam turbine per pre-defined safe operating procedures.

The "B" Boiler shutdown was determined to be spurious when no identifiable fault was subsequently found. The operating team immediately began to attempt a restart, however "B" Boiler tripped again due to a low steam drum cut-out. Further investigation identified that this was due to a cable fault on the steam drum level switch. A repair was immediately instigated and the cable replaced, allowing "B" boiler to be successfully restarted at 17:20.

Plant restart commenced at 23:30 hours on the 21st April and resources were allocated around the clock to achieve shortest start-up duration including additional operational manning and engineering support. Elevated flaring ceased at 22:46 hours on Friday 26th April and normal operation was resumed at 21:27 hours on Sunday 28th April.

FEP received 36 complaints to the site.

Analysis of complaints:

34 different people contacted the plant

2 people called twice

2 emails were not followed up because of their abusive language.

Breakdown of contacts:

- 25% - 9 complaints from Cowdenbeath - 5 refer to noise only, 2 refer to noise & vibration, 1 refers to flaring and vibration, 1 refers to unhappy how enquiry handled.
 - 26% - 10 complaints from Lochgelly - 8 refer to noise and 1 question what is happening onsite
 - 9% - 3 calls from Kirkcaldy - 1 refers to noise, 1 is sick of all this, 1 wants to know if there is a complaints department
 - 3% - 1 call from Cardenden - referring to noise
 - 3% - 1 call from Kinglassie - referring to noise
 - 5% - 2 calls from Lumphinnans - both refer to noise
 - 3% - 1 call from Auchtertool - referring to noise
 - 3% - 1 call Lochore - referring to noise
 - 3% - 1 call Ballingry - referring to noise, vibration, pollution
 - 3% - 1 call Kelty - referring to noise
 - 3% - 1 call Dunfermline - referring to Black Smoke
 - 3% - 1 contact - Hill of Beath referring to noise
 - 3% - 1 enquiry via email referring to noise, 'only referring to themselves as a local resident'
 - 6% not followed up - abusive
- On Tuesday 19th March at 13:55, and Wednesday 20th March at 13:56, R-C-01 (propane refrigeration compressor) became power limited, resulting in high suction

pressure and loss of condensing duty in the splitter leading to flaring. Operators responded promptly, recovering the pressure and ceasing flaring in under an hour (42 and 51 minutes respectively). FEP did not receive any queries or complaints about the flaring from the community.

Annual PIZ Test

- The annual test of communications for residents with ExxonMobil Chemical Limited and Shell UK Limited PIZ (Public Information Zone), as per the HSE Control of Major Accident Hazard Regulations (COMAH 2015) was carried out by ExxonMobil Chemical on Monday 10th June.

Contributions:

- Small donations to the value of £3,750.

Contributions:

- Employee Volunteering and School Governor awards for the 1st round of awards in 2019 are as follows:
- Kelty Hearts Community Club 2007's £500
- East Fife & Scooniehill RDA £250
- East Neuk Playgroup & Nursery £250
- 82nd Craigalmond (Cramond) Scout Group £125
- Comrie Community Pipe Band £500

Total **£1,625**

Other

- ExxonMobil Link School - School Resource Grant Application Forms have been mailed to schools. Each Link School is offered grants/support up to the value of £3,000 and selected mix best suited to them. In 2019 the total value to the Links Schools supported by ExxonMobil via the school equipment grants and schools opting into various Educational Programmes will be around £39,000.
- Via the ExxonMobil Link School Programme over 800 pupils from local schools have participated in various Generation Science Workshops – STEM workshops. These workshops provide children with hands on experience of science and technology. Workshops for Link Schools were as follows:

School	Show title
Cowdenbeath Primary School	Ready Teddy Go x 3 and Smart Grid x 2
Crossgates Primary School	Lego Mindstorms Challenge x 4
Lochgelly South Primary School	Robo Constructors x 3 and Day or Night 1
Lochgelly West Primary School	Day or Night 1, Smart Grid and Lego Mindstorms Challenge
Lumphinnans Primary School	Bricks and Blocks x 3 and Good Vibrations

- Around 20 staff from FEP participated in a Day of Caring Activity working with Keep Scotland Beautiful, they participated in a litter pick along the Fife Coastal Path from Dalgety Bay to Aberdour on Thursday May 23rd.in May.
- FEP proud to again work with the Lady Haig Poppy Factory in May, assembling poppies for sale later this year during the Remembrance Season. We are thrilled to have been able to assemble 40,600 'stick on' poppies in 2019
- FEP also delighted to 'Bud' the Poppy Scotland interactive education van to FEP, allowing our staff to learn more about the history of the poppy and its role in remembrance.

- FEP is currently scheduling the aptitude testing and interviews for applicants to our Apprenticeship Scheme.
- In late May, 3 teams (4 people per team) from the site participated in the EMF 'Hairy Haggis' Team Relay marathon event, running between 4 – 8 miles each and raising over £1,500 for Barony the local mental health charity day resource centres in Kirkcaldy and Buckhaven.
- FEP will again be hosting 4 University Summer Students from 3 Universities for 8 weeks over summer 2019. During their time onsite the students will be working with teams in the FEP Technical Department on flaring reduction project evaluations and pump reliability improvements.
- FEP will also welcome 2 students starting the Industrial Placement Scheme on 1st July.

Workforce (31.05.2019)

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| • ExxonMobil Chemical | 200 |
| • Apprentices | 9 |
| • Base Contractors | 143 |
| • Project Contractors | 45 |

Small Grants and Donations:

Barony Contact Point – Kirkcaldy	£500
Cowdenbeath Civic Week	£1,000
Aberdour Festival	£750
Burntisland Civic Week	£500
Floral Action Brutisland	£250
Benarty Events Group	£500
Broomhill Community Gardens – Kids Club	£250
Total:	£3,750