

Schedule 6 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	ZP3331LP
Name of operator	ENI Liverpool Bay Operating Company
Location of Installation	Talacre Holywell Flintshire CH8 9RD
Time and date of the detection	07:30hrs 17/04/2016

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	07:30hrs 17/04/2016
Reference or description of the location of the event	The Wet Section of the TGU Unit has been taken offline primarily for maintenance on the Lean/Rich Exchanger and other complementary minor maintenance.
Description of where any release into the environment took place	Release is via TOX stack (Emission point reference – A1) due to the shutdown of the TGU wet section.
Substances(s) potentially released	Sulphur Dioxide (SO ₂) & Nitrogen Oxide (NO _x)
Best estimate of the quantity or rate of release of substances	Calculated figures are approximately 1076 mg/nm ³ of SO ₂ via TOX stack (or 23.9 kg/h SO ₂).
Measures taken, or intended to be taken, to stop any emission	The H ₂ S:SO ₂ ratio will be optimised to reduce emissions. All parts have arrived in advance of plate pack replacement. A project plan has been developed and optimized to reduce downtime of the wet section of the TGU Unit. Daily site perimeter checks will be conducted for signs of any odours.
Description of the failure or accident.	The flow through the Lean Rich Exchanger has been restricted due to fouling of the exchanger plates. Recently the blockages have become worse due to unplanned field outages and hence reducing circulation flow further and the exchanger performance. The blockages need to be cleared and these plates need to be replaced that requires the wet section of the unit to be taken offline.

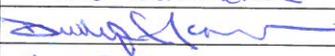
(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	A1 Thermal Oxidiser
Parameter(s)	SO ₂ (Sulphur Dioxide)
Limit	190 mg/nm ³
Measured value and uncertainty	900 mg/nm ³ (+/- 300 mg/nm ³)
Date and time of monitoring	Continuous Monitoring
Measures taken, or intended to be taken, to stop the emission	The H ₂ S:SO ₂ ratio will be optimised to reduce emissions. All parts have arrived in advance of plate pack replacement. Daily perimeter checks will be conducted for signs of any odours.

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
-	
-	
-	

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	-
Substances(s) detected	-
Concentrations of substances detected	-
Date of monitoring/sampling	-

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	TGU put back online on the 8 th May 2016. SO ₂ Emissions (Hourly Average) dropped below 190 mg/nm ³ at 15:55.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Continuous monitoring of TGU Lean/Rich Solvent Exchanger performance will be done regularly to assess condition. Filter elements will be regularly monitored upstream of exchanger to prevent blockages.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	Regular checks on plant perimeter were done each shift to detect any signs of odour.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	PHILIP SANKOONR
Post	PLANT MANAGER
Signature	
Date	16-05-16

* authorised to sign on behalf of Eni Liverpool Bay Operating Company Ltd.