



SYNTHITE LIMITED

ALYN WORKS, DENBIGH ROAD, MOLD,
FLINTSHIRE, UNITED KINGDOM CH7 1BT

A Member of the Tennant Group (Est. 1797)

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RECEIVED

11 NOV 2017

Mr A Zachary
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Greg Hickman, Health, Safety and Environment Officer
Tel: 01352 707623
Email: greg@synthite.co.uk

Your Ref: EPR/BU2349
Our ref: Schedule 1 notification 2017 11 15
Date: 15th November 2017

Dear Mr Zachary,

I enclose a Schedule 1 notification for an emissions limit breach over the weekend of the 11th/12th November 2017.

We believe organic matter in the upper lagoon was transferred to the ETP. This led to an increase in the COD followed by uplift in the biomass and transfer to the sewer. Over the weekend, Welsh Water took a routine sample which confirmed the breach in solids concentration and COD level. The plant was put on recycle and is currently recycling around the lagoons. Once the outfall is in specification, the plant will return to transfer to sewer.

The breach was to a sewer controlled by Welsh Water where further treatment is carried out and at no time was the breach transferred direct to the environment.

Yours sincerely,

Greg Hickman

HSE Officer
Synthite Ltd

OK FOR PUSYS REVIEW	INT. NO.	DATE
	12	8/2/18
CONF. TO PUSYS REVIEW		



For Formaldehyde,
Paraformaldehyde,
ALCOFORM Solution
Agricultural Products &
Chemical Toll Manufacture



Schedule 1 – Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this permit

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	BU2349
Name of Operator	Synthite Ltd
Location of Installation	Alyn Works, Mold, Flintshire
Location of the emission	Effluent treatment plant (ETP)
Time and date of the emission	13 th November 2017

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Solids	Sewer	677 mg l ⁻¹ (licence limit of 400 mg l ⁻¹).	11/11/2017 to 13/11/2017
COD	Sewer	1203 mg l ⁻¹ (licence limit of 1000 mg l ⁻¹).	11/11/2017 to 13/11/2017

Measures taken, or intended to be taken, to stop the emission.	ETP put on recirculation am 13/11/2017 and export to sewer stopped. ETP currently on recirculation until solids level and COD drop below the licence limit.
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Part B

Any more accurate information on the matters for notification under Part A.	Solids level was 250mg/l ⁻¹ on Friday 10/11/2017. Sample Monday morning was 677 mg/l ⁻¹ . COD level was 382mg/l ⁻¹ on Friday and 1203mg/l ⁻¹ on Monday. ETP put on recirculation immediately. Sample taken by Welsh Water also failed on solids and COD.
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	Sampling of the ETP outfall has been increased. Sample results are distributed to senior staff as soon as they are completed. Several staff have the authority to transfer the ETP on to recycle so that cover is maintained in the event of absence.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission.	Outfall is to sewer, controlled by Welsh Water. Emission was treated at the local sewerage plant prior to transfer to local watercourses so there was no emission to the environment.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	None.

Name*	Greg Hickman
Post	HSE Officer
Signature	
Date	15/11/2015

- Authorise to sign on behalf of Synthite Ltd.