



## 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.

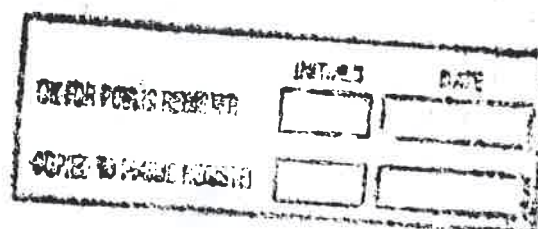
If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

### Part A

|                               |                              |
|-------------------------------|------------------------------|
| Permit number                 | BU2349                       |
| Name of Operator              | Synthite Ltd                 |
| Location of Installation      | Alyn Works, Mold, Flintshire |
| Location of the emission      | W1 outfall to river Alyn     |
| Time and date of the emission | 20th December 2017           |

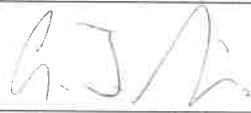
| Substance(s) emitted | Media | Best estimate of the quantity or the rate of emission                                                | Time during which the emission took place |
|----------------------|-------|------------------------------------------------------------------------------------------------------|-------------------------------------------|
| BOD                  | River | 18 mg(O <sub>2</sub> ) l <sup>-1</sup><br>(licence limit of 10 mg(O <sub>2</sub> )l <sup>-1</sup> ). | 20/12/2017 to 03/01/2018                  |

|                                                                |                                                                          |
|----------------------------------------------------------------|--------------------------------------------------------------------------|
| Measures taken, or intended to be taken, to stop the emission. | Increased sampling to monitor situation.<br>Visual monitoring of fields. |
|----------------------------------------------------------------|--------------------------------------------------------------------------|



## Part B

|                                                                                                                                                                 |                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Any more accurate information on the matters for notification under Part A.                                                                                     | W1 is the outfall from dewatering the fields opposite the site (the natural watercourse is via the site). The fields are farmed and typically have livestock (cattle) or are fallow with slurry fertilising. |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident.                                                                               | Increased sampling and visual monitoring of the field to determine whether any farming activities are the cause of the increased BOD.                                                                        |
| 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. | W1 cannot be stopped without causing flooding of the fields, local housing and the A541 road.                                                                                                                |
| The dates of any unauthorised emissions from the installation in the preceding 24 months.                                                                       | 15/11/2017 – increased solids and COD from S1 to the main sewers.                                                                                                                                            |

|           |                                                                                     |
|-----------|-------------------------------------------------------------------------------------|
| Name*     | Greg Hickman                                                                        |
| Post      | HSE Officer                                                                         |
| Signature |  |
| Date      | 09/01/2018                                                                          |

- Authorise to sign on behalf of Synthite Ltd.