



Schedule 1

Notification of Unauthorised Release

Operator:	Tata Steel UK Ltd		
Authorisation:	BS3905IP	Location:	Llanwern Works Newport South Wales NP19 4QZ
Date Submitted:	10/05/2023		

PART B

- Further details of the release and results of any investigations carried out**

This Part B is a follow-up to the Part A Notifications for a breach of permit conditions at Llanwern W1 consent point. The breach was elevated suspended solids in effluent. Levels were in excess of 100mg/l limit, recorded on the 23rd March, with a measured value of 206 mg/l (202 mg/l for original result and 210 mg/l for the retest). The emission value was 170 mg/l after the 36 mg/l uncertainty of measurement was subtracted

Information from external off-site influences, inlet and outlet drains and Tata weather station data was used for the investigation.

Part A - S5N 23 17A

Results in days prior to and after the 23rd March 2023

18/03/2023: 22 mg/l
19/03/2023: 28 mg/l
20/03/2023: 26 mg/l
21/03/2023: 48 mg/l
22/03/2023: 48 mg/l
23/03/2023: 206 mg/l
24/03/2023: 58 mg/l

Elevation was around a period of heavy rainfall in the 2 days prior to and on the 23rd March 2023, likely to cause surface water run off throughout effluent system. Data taken from Tata weather station.

Results from background waters from the north inlet drains 6 – 9 and south outlet drains 6 – 9 show evidence of suspended solids, but do not indicate an unusual event.

Information provided by environmental consultants on behalf of St Modwen's of discharges into drain 2 south and drain 4 south are displayed in a table on page 2.



	22/03/2023		23/03/2023	
	Suspended solids at 105c	Total dissolved solids	Suspended solids at 105c	Total dissolved solids
Drain 4 south	< 5.0	760	< 5.0	890
Drain 2 south	< 5.0	420	18	no data

Elevated suspended solids seen at both drains 2 and 4 22nd and 23rd March from St Modwens, which coincides with the above daily limit at Lagoon 14.

- Measures taken or intended to be taken to prevent a recurrence of the incident**
Continue to monitor inlet and outlet drains and offsite influences. De-silting of lagoon 14 commenced on the 2nd May 2023, to increase capacity for improved settlement of suspended solids.
- Measures taken, or intended to be taken, to: rectify, limit or prevent any pollution of the environment or harm which has been caused by the emission**
Continue to monitor inlet and outlet drains and offsite influences. De-silting of lagoon 14 commenced on the 2nd May 2023, to increase capacity for improved settlement of suspended solids.
- The dates of any PART A notifications within the previous 24 months**
 - 23rd March 2023 – Suspended Solids W1 consent point
 - 24th January 2023 - Suspended Solids W1 consent point
 - 2nd January 2023 - Suspended Solids W1 consent point
 - 24th December 2022 - Suspended Solids W1 consent point
 - 15th December 2022 - Suspended Solids W1 consent point
 - 5th December 2022 – Copper W1 consent point
 - 25th October 2022 – Suspended Solids W1 consent point
 - 8th August 2022 – Hydrocarbons W1 consent point
 - 2nd June 2022 – Suspended Solids W1 consent point
 - 29th January 2022 – Suspended Solids W1 consent point
 - 21st January 2022 – Suspended Solids W1 consent point
 - 28th December 2021 – Failure to analyse effluent waters for a 1 day period.
 - 26th September 2021 – Suspended Solids W1 consent point
 - 29th July 2021 – Failure to analyse Mercury
 - 20th June 2021 – Hydrocarbons W1 consent point

Name: [REDACTED]

Position: Environmental Engineer

Signature: [REDACTED]

[Signed on behalf of Tata Steel UK]