



Schedule 1

Notification of Unauthorised Release

Operator: Tata Steel UK Ltd

Authorisation: BS3905IP **Location:** Llanwern Works
Newport
South Wales
NP19 4QZ

Date Submitted: 19/07/2023

PART B

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

This Part B, S5N/23/35B is a follow-up to the Part A Notifications, S5N/23/35A, for a breach of permit conditions at Llanwern W1 consent point. The breach was elevated hydrocarbons in effluent. Levels were in excess of 5mg/l limit, recorded on the 23rd June 2023, with a measured value of 17.2 mg/l (17.3 mg/l for original result and 16.9 mg/l for the retest). The emission value was 16.2 mg/l after the 1 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.

The weekly average for week ending 24th June was 4.24mg/l without uncertainty applied so no breach for the weekly average but reportable as a daily breach as this was 1.5times the limit of 5mg/l.

Results from background waters from the south outlet drains 2 – 9 show evidence of elevated hydrocarbons. Which is an unusual occurrence to see such widespread elevations.

There was a period of sustained dry and warm weather in the weeks leading up to the 23rd June. Heavy rainfall fell on the 20th June 2023. Likely to have influenced the effluent network with a combination of works, agricultural and urban surface run off.

- **Measures taken or intended to be taken to prevent a recurrence of the incident**

Continue to monitor inlet and outlet drains and offsite influences.

- **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.



- **The dates of any PART A notifications within the previous 24 months**
- 23rd June 2023 – Hydrocarbons W1 consent point
- 23rd May 2023 – Suspended Solids W1 consent point
- 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: Neil Rowles

Position: Lead Water & Legionella

Signature:

A handwritten signature in black ink, appearing to read 'Neil Rowles', written over a light blue horizontal line.

[Signed on behalf of Tata Steel UK]