



Schedule 1

Notification of Unauthorised Release

Operator: Tata Steel UK Ltd

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

Date Submitted: 24/07/2018

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 Notification for a breach of the pH limit on 24th May 2018 at the W1 effluent release point. The spot sample pH value was reported to be 12.1 against a limit of 12.

During this sampling event, after a prolonged period of little rainfall, it was noted that there was particularly low flow in the Main East West Ditch.

The continuous monitoring pH probes at Lagoon 14 did not go into alarm due to fouling on the probes – although they had been cleaned two day earlier, they were cleaned again and reset immediately.

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

Standard procedure is to undertake a re-test in the event of a breach. This was not followed in this instance and has been flagged up with internal lab.

Tata are currently undertaking lab trials on an air sparging system to reduce the pH in Lagoon 14 prior to discharge at W1. Although pH correction has been shown to be effective, further trials are required to ensure neutralisation does not release any precipitated metals into the dissolved phase.

- **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**

- **The dates of any PART A notifications within the previous 24 months**

2018 05 24 – URA pH
2018 04 28 – URA Cadmium
2018 03 18 - URA HCL
2018 03 22 – URA Cadmium
2018 02 24 – URA Cadmium
2017 12 30 – URA Cadmium
2017 10 07 – URA Cadmium
2016 12 29 – URA hydrocarbon oil
2016 08 24 & 29 – URA hydrocarbon oil
2016 08 21 – URA suspended solids
2016 08 15 – URA suspended solids



2016 08 09 – URA suspended solids
2016 07 16 – URA suspended solids

Name: Michael Launder

Position: Environmental Engineer

24/07/2018

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Signature: Signed by: B073159

[Signed on behalf of Tata Steel Strip Products UK]