



Schedule 1

Notification of Unauthorised Release

Operator: Tata Steel UK Ltd

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

Date Submitted: 11/10/2018

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 hydrocarbon limit on the W1 effluent release point. The daily spot sample for the W1 effluent point on 27 June was reported as 7.6 mg/l. The weekly composite sample for the dates 24 June to 30 June was reported to be below the level of detection for hydrocarbon (0.1 mg/l). No visible free-phase hydrocarbon was reported at Lagoon 14 or incoming drains during the sampling or when the elevated spot sample level was investigated the following day, however the Drain 8 sample was also elevated for hydrocarbon indicating a possible source from the Zodiac or Pickle Line. In-line oil monitor did not go into alarm, however commonly used hydraulic oils on the Mill lines are a 95/5 mixture which has been observed to not float on surface of the water.
Measures taken or intended to be taken to prevent a recurrence of the incident As outlined above, the source of the elevated concentration of hydrocarbon was not determined but given elevated hydrocarbon in the Drain 8 outlet, this suggests a Zodiac or Pickle Line source. Potential causes of elevated hydrocarbon from either of these areas could be due to flushing of oily sediment/scale during cleaning operations. Improvement of Zodiac effluent quality is currently under review, with an options appraisal and bench scale testing recently completed by a potential supplier.
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 No visible free-phase hydrocarbon was reported at Lagoon 14 or incoming drains.
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

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Position: Environmental Engineer

Signature: 

[Signed on behalf of Tata Steel Strip Products UK]