

N5SCHEDULE 5 Notification

Part B

Permit Number:	BL7108IM
Name of Operator:	Tata Steel UK Ltd
Location of Facility:	Port Talbot Works
Part A details	S5N/22/67A
Date Part A submitted	21/09/2022

Any more accurate information on the matters notified under Part A	- This Part B applies to Part A notifications S5N/22/67A. 11/09/2022 – 17/09/2022 the weekly average for PAH at the Long Sea Outfall (LSO) was 0.073 mg/l. The weekly sample for PAH's was taken on the 12th September. - Polycyclic aromatic hydrocarbons are generated as part of the Coke Making process and tend to adhere to suspended matter (TSS). To this effect, they are usually removed in the clarifier at the MCO Biological Effluent Treatment (BET) Plant before effluent is discharged to No. 6 Sump. - Presently the clarifier rake is not operating optimally, which is reducing TSS dropout in the clarifier before discharge to no. 6 sump.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	- PAH levels were monitored on the outlet of the BET Plant and No.6 sump on a weekly basis from 26th September – 12th December 2022. The results of this showed significant improvement in the BET Plant outlet PAH concentrations over this time period. This is due partly to improvements in BET Plant and sludge return performance, and also partly to reduced effluent being produced by the batteries. Less effluent improves retention time in the aerators, allowing for more effective removal of pollutants. - A3 tracker in place to track improvements needed to the MCO BET Plant and weekly governance meetings held to discuss progress against this. - Clarifier was emptied for maintenance and inspection at the end of May/early June. Clarifier rake was inspected as part of this work, and it was concluded the rake needed replacement. Funding decision to be made on this in FY24.	
Measures to be 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	Please see above.	
The dates of any Part A notifications in the previous 24 months	Please see attached Excel sheet.	

Name*	Ellie Harrison
Post	Environmental Engineer
Signature	

Date	21/04/2023
Reference	S5N/22/67B