

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/22/12A
Date Part A submitted	22/02/2022

Any more accurate information on the matters notified under Part A	- The permitted weekly average for sulphides is 0.1 mg/l. Over calendar week 7 this weekly average was exceeded, with an average sulphides concentration of 0.12 mg/l. - The results for the week are reported below. It can be seen that the breach is a result of one very high result on the 18th February; the rest of the results (and subsequent results since the 19th) have been below the limit.<table><tr><td>13/02/2022</td><td>0.043</td></tr><tr><td>14/02/2022</td><td>0.042</td></tr><tr><td>15/02/2022</td><td>0.059</td></tr><tr><td>16/02/2022</td><td>0.039</td></tr><tr><td>17/02/2022</td><td>0.088</td></tr><tr><td>18/02/2022</td><td>0.448</td></tr><tr><td>19/02/2022</td><td>0.09</td></tr></table> - From the mass emissions calculated from the most high-risk sumps, the breach has been identified as multiple source from both sump no.6 (Morfa Coke Ovens) and sump no.1 (blast furnaces).		13/02/2022	0.043	14/02/2022	0.042	15/02/2022	0.059	16/02/2022	0.039	17/02/2022	0.088	18/02/2022	0.448	19/02/2022	0.09
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Measures taken, or intended to be taken, to prevent a recurrence of the incident	- A3 tracker in place to track improvements needed to the MCO BET Plant and weekly governance meetings held to discuss progress against this. - Aerator 1 to be brought back online and run in parallel with Aerator 2 for several weeks, until conditions in Aerator 1 are stable and to allow the bacteria to acclimatise to the aerator. Inlet effluent pipework has now been fixed; the sludge return pipework to Aerator 1 now needs to be fixed to allow it to be brought back to operation. - Work ongoing to assess dosing options to remove sulphate reducing bacteria from sump no.1.															
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	17/05/2022
Reference	S5N/22/12B