

NOTIFICATION AS REQUIRED BY CONDITION 4.3.1 of Permit BL4567IZ

SCHEDULE 5

Part A

Permit Number	BL4567IZ
Name of Operator:	Vale Europe Limited
Location of Facility	Clydach Refinery, Clydach, Swansea, SA6 5QR.
Time and date of the detection	13.09.2022 – AM

(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified Immediately	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a permit condition	
To be notified immediately	
Emission point reference/ source	W1 – Main Effluent Treatment Plant Outfall
Parameter(s)	Total Nickel and Soluble Nickel
Limit	2.0 mg/l
Measured value and uncertainty	Total Nickel – 2.32 mg/l Soluble Nickel – 2.26 mg/l
Date and time of monitoring	09.09.22
Measures taken, or intended to be taken, to stop the emission	Outlined in Part B

(c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:	
To be notified immediately	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	Daily composite sample taken from W1 outfall on 09.09.22 tested by QA lab as per monitoring requirements the Total Nickel and Soluble Nickel parameters were elevated above the limit. Daily composite samples taken from W1 on 10.09.22 and 11.09.22 have also been tested and were well below the limit confirming return to permit compliance.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Improvement actions have been identified following the breach - enhancements to flow rate alarms and level control monitoring to be implemented within the plant operation to maintain optimum plant performance.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	N/A
The dates of any unauthorised emissions from the facility in the preceding 24 months.	October 2020 W1 pH December 2020 relating A1.A26,A28,A31 - NOx & CO to September monitoring July 2021 relating to A18, A78 - CO & Dust March monitoring December 2021 relating A1,A28,A30,A46 - NOx & Dust to October monitoring April 2021 W1 Temp
Name*	Richard De Filippo
Post	Sustainability Supervisor
Signature	<i>Richard De Filippo</i>
Date	15/09/2022

* authorised to sign on behalf of the operator