

Permit Number: EPR/BV7460ID

Operator: Nexperia Newport Limited

Facility: Newport Semiconductor Plant Form Number: Water1 / 14/09/2020

Reporting of emissions to water (other than to sewer) and land for the period from 1/07/2022 to 31/12/2022

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
W1	Oil and grease	None visible	Spot sample	None visible	Visual check	Weekly checks, no evidence of oil or grease seen at any time	N/A	
	pH	Minimum 6, Maximum 9	Spot sample	Min. 6.0 Max. 8.9	SCA Blue Book 14 ISBN 0117514284 or as agreed in writing with Natural Resources Wales	Numerous instances of each – continuous log	±pH0.05	

Notes:

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

[5] For 95 % of all measured values according to look up table

Signed
(Authorised Operator)

Date: 27/1/23

Permit Number: EPR/BV7460ID

Operator: Nexperia Newport Limited

Facility: Newport Semiconductor Plant Form Number: Sewer1 / 14/09/2020

Reporting of emissions to sewer for the period from 01/07/2022 to 31/12/2022

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^y ^[4]
		Limit Value						
S1	Suspended solids	No limit set	Spot sample	Min. 16 mg/l Max. 108 mg/l	BS EN 872, BS 6068-2.54	17 th Aug 2022 @ 11:40 11 th Jul 2022 @ 12:02	Not Known	
	Chemical oxygen demand	No limit set	Spot sample	Min. 50 mg/l Max. 368 mg/l	BS 6068-2.34	11 th Jul 2022 @ 12:02 7 th Nov 2022 @ 12:13	Not Known	
	Flow	No limit set	Continuous reported as daily average	Ave. 1129 m³/day	As agreed in writing with Natural Resources Wales	N/A - Average	±4.826% (MCERTS)	
	Copper	No limit set	Spot sample	<0.1 mg/l	BS EN ISO 15586:2003, BS 6068-2.84:2003	All samples <0.1 mg/l	Not known	
	Nickel	No limit set	Spot sample	<0.1 mg/l	BS 6068-2.29, ISO 8288	All samples <0.1 mg/l	Not known	
	Zinc	No limit set	Spot sample	<0.1 mg/l	BS 6068-2.29, ISO 8288	All samples <0.1 mg/l	Not known	
	Chromium	No limit set	Spot sample	<0.1 mg/l	BS EN 1233, BS 6068-2.38, ISO 11083	All samples <0.1 mg/l	Not known	
	Sulphate	No limit set	Spot sample	Min. 290 mg/l Max. 792 mg/l	SCA Blue Book 136 ISBN 0117522406	7 th Nov 2022 @ 12:13 5 th Dec 2022 @ 10:51	Not known	
	pH	Minimum 6, Maximum 11	Continuous reported as maximum and minimum over reporting period	Min. 5.25 Max. 9.8	SCA Blue Book 14 ISBN 0117514284 or agreed in writing with Natural Resources Wales	4 th Oct 2022 @ 21:32 16 th Oct 2022 @ 13:21	±pH0.05	

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[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

[5] For 95 % of all measured values according to look up table

[6] MCERTS uncertainty updated following latest inspection by CSA Group

Signed

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Date.....27/1/23

(Authorised to sign as representative of Operator)