

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 01/07/2023 to 31/12/2023

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
S1	Suspended solids	No limit set	Spot sample	Min. 12 mg/l Max. 70 mg/l	BS EN 872, BS 6068-2.54	24 th Nov 2023 @ 12:17 6 th Dec 2023 @ 12:55	Not Known
	Chemical oxygen demand	No limit set	Spot sample	Min. 50 mg/l Max. 259 mg/l	BS 6068-2.34	24 th Nov 2023 @ 12:17 13 th Oct 2023 @ 12:26	Not Known
	Flow	No limit set	Continuous reported as daily average	Ave. 1123 m ³ /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	0.2 mg/l	BS 6068-2.29, ISO 8288	28 th Sept & 13 th Oct 2023 @ 12:26 & 12:26	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. 415 mg/l Max. 679 mg/l	SCA Blue Book 136 ISBN 0117522406	6 th Dec 2023 @ 12:55 10 th Aug 2023 @ 11:33	Not known
	pH	Minimum 6, Maximum 11	Continuous reported as maximum and minimum over reporting period	Min. 6.1 Max. 10.1	SCA Blue Book 14 ISBN 0117514284 or agreed in writing with Natural Resources Wales	29 th Nov 2023 @ 04:13 06 th Dec 2023 @ 14:20	±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

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

Signed



Date... 25/1/24

(Signature of Operator)

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 1/07/2023 to 31/12/2023

Emission Point	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
	Substance / Parameter	Limit Value					
W1	Oil and grease	None visible	Spot sample	None visible (See comments below in bold)	Visual check	Weekly & routine checks	N/A
	pH	Minimum 6, Maximum 9	Spot sample	Min. 6.0 Max. 8.13	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

A visible oil sheen was observed on 22nd November and 29th December 2023 in the lower lagoon due to a diesel spill which occurred at the Gas Pad. This entered the local surface water drain at the Gas Pad which flowed into the lower containment lagoon. There was no escape from the containment lagoon and therefore no emission from site due to the automatic monitoring and alarm systems, and the activation of the lagoon outlet shut-off valve. A skimmer was deployed onsite by a specialist contractor to ensure any residual oil sheen was removed.

Signed  Date 25/1/24
 (Authorised Representative of Operator)