

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 01/07/2021 to 31/12/2021

Emission Point	Substance / Parameter	Emission		Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		Limit Value						
S1	Suspended solids	No limit set		Spot sample	Min. 9 mg/l Max. 102 mg/l	BS EN 872, BS 6068-2:54	2 nd Dec 2021 @ 12:53 3 rd Aug 2021 @ 12:05	Not Known
	Chemical oxygen demand	No limit set		Spot sample	Min. 50 mg/l Max. 333 mg/l	BS 6068-2:34	13 th Oct 2021 @ 12:48 26 th Nov 2021 @ 11:28	Not Known
	Flow	No limit set		Continuous reported as daily average	Ave. 1038 m ³ /day	As agreed in writing with Natural Resources Wales	N/A - Average	±4.37% (MCERT S)
	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 8298	All samples <0.1 mg/l	Not known
	Zinc	No limit set		Spot sample	<0.1 mg/l	BS 6068-2:29, ISO 8298	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. 100 mg/l Max. 988 mg/l	SCA Blue Book 136 ISBN 0117522406	26 th Nov 2021 @ 11:28 13 th Oct 2021 @ 12:48	Not known

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[1]	Uncertainty ^[4]
	pH	Minimum 6, Maximum 11	Continuous reported as maximum and minimum over reporting period	Min. 6.3 Max. 10.5	SCA Blue Book 14 ISBN 0117514284 or agreed in writing with Natural Resources Wales	15 th July 2021 @ 00:05 18 th Dec 2021 @ 06:35	±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 to sign as representative of Operator)

Date 24/1/23