

Permit Number: EPR/BV7460ID Operator: Vishay 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 01/01/2024 to 30/06/2024

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. 6.06 Max. 8.93	SCA Blue Book 14 ISBN 0117514284 or as agreed in writing with Natural Resources Wales	17 th Apr 2024 @ 10:19 5 th May 2024 @ 11:31 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

[6] For pH, figures known to relate to times where maintenance was being carried out (e.g. pH probe buffering) have been excluded as these are not true readings, and excluding times when the exit valve was closed.

Signed .. [REDACTED]
(Authorised to sign as representative of Operator)

Date 11th July 2024.....

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 01/01/2024 to 30/06/2024

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. 7 mg/l Max. 26 mg/l	BS EN 872, BS 6068-2.54	26 th Feb 2024 @ 12:26 9th Jun 2024 @ 12.19	Not Known
	Chemical oxygen demand	No limit set	Spot sample	Min. 50 mg/l Max. 212 mg/l	BS 6068-2.34	26 th Feb 2024 @ 12:26 9th Jun 2024 @ 12.19	Not Known
	Flow	No limit set	Continuous reported as daily average	1268 m³/day	As agreed in writing with Natural Resources Wales	N/A - average	±4.80% (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. 100 mg/l Max. 571 mg/l	SCA Blue Book 136 ISBN 0117522406	26 th Feb 2024 @ 12:26 9th Jun 2024 @ 12.19	Not known

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncert ainty ^[4]
		Limit Value						
	pH	Minimum 6, Maximum 11	Continuous reported as maximum and minimum over reporting period	Min 7.1 Max 9.9	SCA Blue Book 14 ISBN 0117514284 or agreed in writing with Natural Resources Wales	11 th Mar 2024 @ 04:55 & 13 th June 2024 @ 12:44	±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. Where uncertainty figures are 'not known' this is because the analysis is carried out by Welsh Water and they do not provide uncertainty information

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

[6] For pH, figures known to relate to times where maintenance was being carried out (e.g. pH probe buffering) have been excluded as these are not true readings.

Signed [REDACTED]
(Authorised to sign as representative of Operator)

Date...11th July 2024.....