

Permit Reference Number : BV7460ID

Operator : Newport Wafer Fab Limited

Installation : Newport Semiconductor Plant

Form Number : S1

Reporting of Emissions to Sewer for the period from July 2018 to December 2018

Emissions to Sewer							Uncertainty [5]
Emission Point	Substance / Parameter	Emission Limit Value	Result [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]	
S1	pH	Minimum 6 Maximum 11	6.3 8.2	Welsh Water Sample - analysis by Seven Trent Laboratories	29 October 18 @ 09:03 22 August 18 @ 11:45	ISO 17025:2005 No.1314, No.1229, No.1510	Not Known
S1	Suspended solids	400mg/L	97mg/L	Welsh Water Sample - analysis by Seven Trent Laboratories	4 December 18 @ 11:11	As above	Not Known
S1	Chemical Oxygen Demand	500mg/L	876mg/L	As above	As above	As above	Not Known
S1	Copper	0.5mg/L	0.1mg/L	As above	As above	As above	Not Known
S1	Nickel	0.5mg/L	0.1mg/L	As above	As above	As above	Not Known
S1	Zinc	0.5mg/L	0.1mg/L	As above	As above	As above	Not Known
S1	Chromium	0.5mg/L	0.1mg/L	As above	As above	As above	Not Known
S1	Sulphate	1500mg/L	1164mg/L	As above	22 August 18 @ 11:45	As above	Not Known
S1	Flow	Max limit 100 m ³ /hr	88m ³ /hr	Continuous monitoring	Maximum trade effluent volume 29/10/2018	MCerts	4.37%

[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 the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated) - [The basis of any other uncertainty figure needs to be stated. Where no figure is available the Agency will need to agree an appropriate uncertainty value.]



Signed

(authorised to sign as representative of the Operator)

Date 1/2/19