

Permit Reference Number: BU23349
Installation: Mold Chemicals (Alyn Works)

Operator: Synthite Limited
Form Number: W1

Reporting of Emissions to Water (other than to Sewer) for the period from 01/01/15 to 31/03/15

Emissions to Water							
Emission Point	Substance / Parameter	Emission Limit Value [6]	Result [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]	Uncertainty [5]
W1	pH	6.0 – 8.5 [7]	7.2 – 8.4	pH meter	11/02/15, 13/03/15	None	20%
	BOD	10mg/l	Nil	ISO5815:1989	All samples within quarter	None	20%
	Suspended Solids	20mg/l	Nil	GFA ISO11929:1997	All samples within quarter	None	20%
	Formaldehyde	0.25mg/l	0.25	DNPH/HPLC	27/03/15	None	30%
	Ammonia (Unionised as N)	5mg/l	1.3	Ion Selective Electrode	13/03/15	None	
	Temperature	25°C	10	Calibrated thermometer	02/01/15	None	20%
	Volumetric Flow Rate	700m3/day [8]	419	Meter (ISBN 011752364X)	23/01/15	None	20%
River Monitoring							
R. Alyn SJ 2363 6487	pH	n/a	7.3 – 8.6	pH meter	02/01/15, 20/03/15	None	20%
	Formaldehyde	n/a	4.5	DNPH/HPLC	30/01/15	None	30%

[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.

[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.

[6] The emission limit values are expressed as instantaneous.

[7] The emission limit values for pH are expressed as minimum and maximum individual values.

[8] The emission limit value for volumetric flow rate is expressed as a daily maximum (not to exceed 30m3/hour).

Signed ...

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Date... 29/04/2015.....

(Authorised to sign as representative of the Operator)

INITIALS DATE

CHECKED Vs AUTHORISATION

18/5/15

RACKING

18/5/15

OK FOR PUBLIC REGISTER

18/5/15

RETURNING RETURNS N. Alyn