

Permit Number: PP3238LX Operator: Hexion UK Limited
 Installation: Barry Thermosets Plant Form Number: Water1 / 25/04/2013

Reporting of emissions to water (other than to sewer) for the period from 01/10/2015 to 31/12/2015

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Average Result ^[5]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Daily discharge. Maximum volume of effluent discharged under dry conditions determined by no significant rainfall over the previous 48 hours on the Barry site. discharged.	6800m ³	Instantaneous	3954	1255		01/10/2015 08/10/2015 15/10/2015 22/10/2015 29/10/2015 05/11/2015 12/11/2015 19/11/2015 26/11/2015 03/12/2015 10/12/2015 17/12/2015 24/12/2015 31/12/2015	
W1	Daily discharge. Maximum volume of effluent	15900m ³	Instantaneous	3954	1255		As above	
W1	Flow	0.19m ³ /s	Instantaneous	0.046	0.015		As above	
W1	Monohydric phenol	10mg/l	24-hour flow proportional sample	8	3		As above	
W1	Total suspended solids	150mg/l	24-hour flow proportional sample	146	62	BS EN 872	As above	

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Average Result ^[5]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Chemical Oxygen Demand	1000mg/l	24-hour flow proportional sample	674	392		As above	
W1	Methanol	50mg/l	24-hour flow proportional sample	44	12		As above	
W1	Acrylonitrile	50mg/l	24-hour flow proportional sample	0	0		As above	
W1	Free formaldehyde	10mg/l	24-hour flow proportional sample	1	0.2		As above	
W1	Styrene	None	24-hour flow proportional sample	n/a	n/a			
W1	pH	6-9	Instantaneous	7.9	7.4		As above	
W1	Monohydric phenol	10950 kg/year	Annual mass release	1653		-	-	
W1	Methanol	43800 kg/year	Annual mass release	5824		-	-	
W1	Acrylonitrile	51000 kg/year	Annual mass release	0		-	-	
W1	Free formaldehyde	10950 kg/year	Annual mass release	291		-	-	

1. The result given is the maximum value obtained during the reporting period (3 months), expressed in the same terms as the emission limit value.
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. 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. An average of the samples taken over the reporting period (every 3 months). This figure is for information only.

A handwritten signature in black ink, appearing to read 'J. Beally', with a horizontal line extending from the end of the signature.

Signed
(Authorised to sign as representative of Operator)

Date.....21st January 2016