

Permit Number: PP3238LX Operator: Hexion UK Ltd

Installation: Barry Thermosets Plant Form Number: Water1 / 25/04/2013

Reporting of emissions to water (other than to sewer) for the period from 26/09/2014 – 26/12/2014

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	2808	1181		02/10/2014 09/10/2014 16/10/2014 23/10/2014 30/10/2014 06/11/2014 13/11/2014 20/11/2014 27/11/2014 04/12/2014 11/12/2014 18/12/2014 26/12/2014	
W1	Daily discharge. Maximum volume of effluent	15900m ³	Instantaneous	2808	1181		As above	
W1	Flow	0.19m ³ /s	Instantaneous	0.033	0.014		As above	
W1	Monohydric phenol	10mg/l	24-hour flow proportional sample	2	0.6		As above	
W1	Total suspended solids	150mg/l	24-hour flow proportional sample	92	64	BS EN 872	As above	
W1	Chemical Oxygen Demand	1000mg/l	24-hour flow proportional sample	498	374		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	Methanol	50mg/l	24-hour flow proportional sample	0	0		As above	
W1	Acrylonitrile	50mg/l	24-hour flow proportional sample	0.3	0		As above	
W1	Free formaldehyde	10mg/l	24-hour flow proportional sample	1	0.1		As above	
W1	Styrene	None	24-hour flow proportional sample	n/a	n/a			
W1	pH	6-9	Instantaneous	7.7	7.4		As above	
W1	Monohydric phenol	10950 kg/year	Annual mass release	1614	-	-	-	
W1	Methanol	43800 kg/year	Annual mass release	2940	-	-	-	
W1	Acrylonitrile	51000 kg/year	Annual mass release	581	-	-	-	
W1	Free formaldehyde	10950 kg/year	Annual mass release	210	-	-	-	

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.

Signed
(Authorised to sign as representative of Operator)

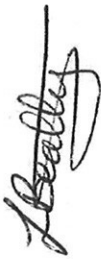
Date.....27th January 2015

Permit Number: PP3238LX Operator: Hexion UK Limited
 Installation: Barry Thermosets Plant Form Number: E1 / 25/04/2013

Reporting of emissions to water (other than to sewer) for the period from 26/09/2014 – 26/12/2014

Emission Point	Substance / Parameter	Reference Period	Result ^[1]	Average Result ^[5]	Test Method	Sample Date and Times ^[2]	Uncertainty ^[3]
E1	Total suspended solids		108	66		02/10/2014	
						09/10/2014	
						16/10/2014	
						23/10/2014	
						30/10/2014	
						06/11/2014	
						13/11/2014	
						20/11/2014	
						27/11/2014	
						04/12/2014	
W1	Free formaldehyde		3	0.5		11/12/2014	
						18/12/2014	
						26/12/2014	
						As above	
E1	Monohydric phenol		18	5.3		As above	
E1	Methanol		0	0		As above	
E1	Chemical Oxygen Demand		565	474		As above	

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. 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.
3. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.
4. An average of the samples taken over the reporting period (every 3 months).



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