

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 03/01/2019 to 28/03/2019

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	1830	697		03/01/2019 10/01/2019 17/01/2019 24/01/2019 31/01/2019 07/02/2019 14/02/2019 21/02/2019 28/02/2019 07/03/2019 14/03/2019 21/03/2019 28/03/2019	
W1	Daily discharge. Maximum volume of effluent	15900m ³	Instantaneous	1830	697		As above	
W1	Flow	0.19m ³ /s	Instantaneous	0.0211	0.00807		As above	
W1	Monohydric phenol	10mg/l	24-hour flow proportional sample	8	1.5	BS6068-2.12 1990 ISO6439:1990	As above	1.37

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	Total suspended solids	150mg/l	24-hour flow proportional sample	93.6	61.9	BS EN 872 2005 /BS6068-2.54 2005	As above	9.14
W1	Chemical Oxygen Demand	1000mg/l	24-hour flow proportional sample	392	268	BS ISO 15705-2002/BS6068-2.80 2002	As above	52.4
W1	Methanol	50mg/l	24-hour flow proportional sample	5	0.769	BS EN ISO 15680 2003	As above	1.04
W1	Acrylonitrile	50mg/l	24-hour flow proportional sample	0	0	BS 6068 2.85:2003	As above	0
W1	Free formaldehyde	10mg/l	24-hour flow proportional sample	0	0	BS 2942 App D	As above	0
W1	Styrene	None	24-hour flow proportional sample	n/a	n/a	n/a		
W1	pH	6-9	Instantaneous	7.6	7.4	BS6068-2.50	As above	0.0973
W1	Monohydric phenol	10950 kg/year	Annual mass release	1320	-	-	-	
W1	Methanol	43800 kg/year	Annual mass release	595	-	-	-	
W1	Acrylonitrile	51000 kg/year	Annual mass release	0	-	-	-	
W1	Free formaldehyde	10950 kg/year	Annual mass release	25.8	-	-	-	

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.....29th April 2019