

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 01/10/2020 to 31/12/2020

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	6720	1380		01/10/2020 08/10/2020 15/10/2020 22/10/2020 29/10/2020 05/11/2020 12/11/2020 19/11/2020 26/11/2020 03/12/2020 10/12/2020 17/12/2020 24/12/2020 31/12/2020	
W1	Daily discharge. Maximum volume of effluent	15900m ³	Instantaneous	6720	1380		As above	
W1	Flow	0.19m ³ /s	Instantaneous	0.0778	0.0160		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	Monohydric phenol	10mg/l	24-hour flow proportional sample	0.42	0.030	BS6068-2.12 1990 ISO6439:1990	As above	0.0623
W1	Total suspended solids	150mg/l	24-hour flow proportional sample	70.4	29.5	BS EN 872 2005 /BS6068-2.54 2005	As above	9.87
W1	Chemical Oxygen Demand	1000mg/l	24-hour flow proportional sample	110	86.7	BS ISO 15705-2002/BS6068-2.80 2002	As above	8.41
W1	Methanol	50mg/l	24-hour flow proportional sample	0	0	BS EN ISO 15680 2003	As above	0
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	8.1	7.8	BS6068-2.50	As above	0.110
W1	Monohydric phenol	10950 kg/year	Annual mass release	77.6	-	-	-	
W1	Methanol	43800 kg/year	Annual mass release	0	-	-	-	
W1	Acrylonitrile	51000 kg/year	Annual mass release	0	-	-	-	
W1	Free formaldehyde	10950 kg/year	Annual mass release	36.1	-	-	-	

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 January 2021