

Permit Reference Number: BR97151B

Operator: Solutia UK Ltd

Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/10/19 to 31/12/19

Emission Point	Substance / Parameter	Emission Limit Value	Result Max ^[1]	Result Mean ^[1]	Test Method ^[2]	Sample Date and Times	Accreditation/ Certification	Uncertainty
W1	Benzene	20 kg ^[1]	2.6	1.3	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.8	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	3.0	0.7	GC/MS		---	10%
	Formaldehyde	10 mg/l	4.3	1.3	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	55647	35192	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	30243 (14995)	22557 (9042)	Electronic counter	Quarterly Total	MCerts	
	pH	5-10	6.4 – 7.7	6.9	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	1.8	1.6	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 u/l	0.1	0.1				
	Mercury	27 g	5.0	2.5	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.2	0.1				
	PCBs	100 g	11.9	7.3	GC/MS		Aquacheck	10%
	PCP	250 g	327	225	GC/MS		Aquacheck	
		15 ug/l	13	10				10%
	TCB	50 g	6.3	3.4	GC/MS		Aquacheck	
		20 ug/l	0.3	0.2				10%

NOTES:

[1] Mean weekly in the quarter

[2] Total MCerts Flow (inc. rainfall), and Indicative Effluent Flow

Signed *:



Date: 10/01/2020

(* authorised to sign as representative of the Operator)

Date of Form: 31/03/11 [Updated 25/04/19]