

Permit Reference Number: BR97151B
Operator: Solutia UK Ltd
Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/01/21 to 31/03/21

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]	0.0	0.0	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.4	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	0.7	0.3	GC/MS		---	10%
	Formaldehyde	10 mg/l	7.0	1.9	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	53886	36497	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	37264 (13184)	24782 (10973)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.7 – 7.4	6.7	pH Probe	Continuous + Composite	---	TBC
	Cadmium ^[3]	50 g	4.5	3.4	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.2	0.1				
	Mercury	27 g	19.6	8.1	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.6	0.3				
	PCBs	100 g	15.3	8.3	GC/MS		Aquacheck	10%
	PCP	250 g	198	83	GC/MS		Aquacheck	
		15 ug/l	5.3	3.2				10%
	TCB	50 g	5.6	4.1	GC/MS		Aquacheck	
		20 ug/l	0.2	0.2				10%

NOTES:

[1] Mean weekly in the quarter

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

[3] Results updated following retest

Signed *:



Date: 20/04/2021

(* authorised to sign as representative of the Operator)

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