

Permit Reference Number: BR97151B

Operator: Solutia UK Ltd

Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/01/24 to 31/03/24

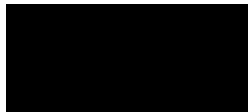
Emission Point	Substance / Parameter	Emission Limit Value	Result Max <sup>[1]</sup>	Result Mean <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times	Accreditation/ Certification	Uncertainty
W1	Benzene	20 kg <sup>[1]</sup>	15.6	2.5	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg <sup>[1]</sup>	0.4	0.1	GC/MS		---	10%
	Triphenyl (kg)	-	0.8	0.3	GC/MS		---	10%
	Formaldehyde	10 mg/l	4.4	1.7	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	58824	35323	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent <sup>[2]</sup>	25000 m <sup>3</sup> / week	36915 (16089)	27092 (12505)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.4 – 7.2	6.7	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	27.7	24.6	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.8	0.7				
	Mercury	27 g	16.7	3.1	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.6	0.1				
	PCBs	100 g	12.9	8.6	GC/MS		Aquacheck	10%
	PCP	250 g	197	87	GC/MS		Aquacheck	
		15 ug/l	5.6	3.0			Aquacheck	10%
	TCB	50 g	5.5	3.4	GC/MS		Aquacheck	
20 ug/l		0.2	0.1	Aquacheck		10%		

NOTES:

[1] Mean weekly in the quarter

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

Signed \*:



Date: 09/04/2024

(\* authorised to sign as representative of the Operator)

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