

Permit Reference Number: BR97151B

Operator: Solutia UK Ltd

Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/04/24 to 30/06/24

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]	0.5	0.2	GC/MS		---	10%
	• Tripheny	• -	3.7	1.3	GC/MS		---	10%
	• Formald	10 mg/l	6.0	1.7	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	37558	28995	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	• 25000 m ³ /	22945 (10602)	16844 (9069)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	• 5-10	6.8 – 7.9	7.2	pH Probe	Continuous + Composite	---	TBC
	Cadmium	• 50 g	5.9	5.2	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		• 3.5 ug/l	0.4	0.3				
	Mercury	• 27 g	11.7	3.3	FIMS (AA)	Weekly composite	Aquacheck	13%
		• 1.5 ug/l	0.7	0.2				
	PCBs	• 100 g	11.3	6.6	GC/MS	Weekly composite	Aquacheck	10%
	PCP	• 250 g	170	63	GC/MS		Aquacheck	
		• 15 ug/l	10.0	3.7			Aquacheck	10%
	TCB	• 50 g	5.8	2.6	GC/MS		Aquacheck	
• 20 ug/l		0.3	0.2	Aquacheck		10%		

NOTES:

[1] Mean weekly in the quarter

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

Signed *: 

Date: 08/07/2024

(* authorised to sign as representative of the Operator)

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