

Permit Reference Number: BR97151B

Operator: Solutia UK Ltd

Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/01/25 to 31/03/25

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]	1.4	0.3	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.4	0.1	GC/MS		---	10%
	Triphenyl (kg)	-	2.9	0.4	GC/MS		---	10%
	Formaldehyde	10 mg/l	5.3	3	HPLC/ HACH ^[3]	Weekly composite	---	>20%
	COD	65000 kg / week	34378	22444	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m ³ / week	27643 (15937)	18642 (9755)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.8 – 9.2	7.1	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	7.1	5.6	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.4	0.3				
	Mercury	27 g	13.8	3.6	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.5	0.2				
	PCBs	100 g	31.9	12.2	GC/MS		Aquacheck	10%
	PCP	250 g	213.4	81.2	GC/MS		Aquacheck	
		15 ug/l	9.0	3.9				10%
TCB	50 g	4.2	2.8	GC/MS	Aquacheck			
	20 ug/l	0.2	0.2			10%		

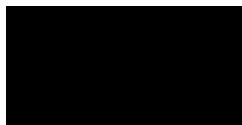
NOTES:

[1] Mean weekly in the quarter

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

[3] Normal HPLC method not available, alternate HACH method used. The uncertainty is unchanged. Alternate method used from 06/03/2025 to 08/04/2025

Signed *:



Date: 10/04/2025

(* authorised to sign as representative of the Operator)

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