

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/10/24 to 31/12/24

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]	3.7	1.1	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.2	0.0	GC/MS		---	10%
	Triphenyl (kg)	-	2.7	0.3	GC/MS		---	10%
	Formaldehyde	10 mg/l	5.6	1.7	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	49754	29501	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m ³ / week	34812 (19121)	21660 (9185)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	6.0 – 8.0	7.0	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	13.2	10.8	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.7	0.6				
	Mercury	27 g	19.7	5.5	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.9	0.3				
	PCBs	100 g	172.1	44.1	GC/MS		Aquacheck	10%
	PCP	250 g	229.8	102.8	GC/MS		Aquacheck	10%
		15 ug/l	7.6	4.5				
	TCB	50 g	5.2	3.1	GC/MS		Aquacheck	10%
20 ug/l		0.2	0.1					

NOTES:

[1] Mean weekly in the quarter

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

Signed *:



Date: 10/01/2025

(* authorised to sign as representative of the Operator)

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