

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/07/25 to 30/09/25

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]	3.10	1.36	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.25	0.16	GC/MS		---	10%
	Triphenyl (kg)	-	6.95	2.24	GC/MS		---	10%
	Formaldehyde	10 mg/l	4.50	1.88	HPLC/ HACH ^[3]	Weekly composite	---	>20%
	COD	65000 kg / week	30653	19023	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m ³ / week	27405 (12076)	16057 (8166)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.4 – 9.9	7.7	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	7.2	5.4	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.55	0.45				
	Mercury	27 g	8.2	3.0	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.55	0.18				
	PCBs	100 g	10.3	6.6	GC/MS		Aquacheck	10%
	PCP	250 g	147.4	36.8	GC/MS		Aquacheck	
		15 ug/l	5.38	2.05				10%
	TCB	50 g	4.84	2.67	GC/MS		Aquacheck	
20 ug/l		0.36	0.17	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 *:

[Redacted Signature]

Date: 24/10/2025

(* authorised to sign as representative of the Operator)

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