

Permit Reference Number: BR9715IB
Operator: Solutia UK Ltd
Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/10/22 to 31/12/22

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]	7.5	2.1	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.7	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	1.3	0.4	GC/MS		---	10%
	Formaldehyde	10 mg/l	7.0	2.3	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	47404	25797	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	26824 (10352)	20898 (8283)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	6.3 – 9.5	7.4	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	6.5	4.3	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.3	0.2				
	Mercury	27 g	17.4	6.9	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	1.0	0.3				
	PCBs	100 g	32.5	18.5	GC/MS		Aquacheck	10%
	PCP	250 g	209	86	GC/MS		Aquacheck	
		15 ug/l	7.8	3.8				10%
	TCB	50 g	8.0	4.0	GC/MS		Aquacheck	
		20 ug/l	0.4	0.2				10%

NOTES:

[1] Mean weekly in the quarter

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

Signed *:



Date: 16/01/2023 Resubmitted [01/02/2023]

(* authorised to sign as representative of the Operator)

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