

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/01/23 to 31/03/23

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]	5.0	1.1	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.6	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	0.9	0.3	GC/MS		---	10%
	Formaldehyde	10 mg/l	6.6	1.9	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	26122	20540	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	35603 (15199)	20710 (8001)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	6.1 – 7.6	7.1	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	9.9	5.4	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.3	0.3				
	Mercury	27 g	16.1	6.1	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.8	0.3				
	PCBs	100 g	15.7	9.9	GC/MS		Aquacheck	10%
	PCP	250 g	179	59	GC/MS		Aquacheck	
		15 ug/l	7.2	2.5				10%
	TCB	50 g	8.1	4.0	GC/MS		Aquacheck	
		20 ug/l	0.6	0.2				10%

NOTES:

[1] Mean weekly in the quarter

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

Signed *:



Date: 20/04/2023

(* authorised to sign as representative of the Operator)

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