

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/04/22 to 30/06/22

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]	7.0	2.5	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	1.5	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	1.3	0.4	GC/MS		---	10%
	Formaldehyde	10 mg/l	8.8	1.3	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	32951	24003	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	18829 (11458)	16467 (8190)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	6.3 – 7.5	6.8	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	1.9	1.8	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.1	0.1				
	Mercury ^[3]	27 g	65.1	9.3	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	4.1	0.6				
	PCBs	100 g	19.7	9.2	GC/MS		Aquacheck	10%
	PCP	250 g	55.2	31.7	GC/MS		Aquacheck	
		15 ug/l	3.5	1.9				10%
	TCB	50 g	2.8	2.5	GC/MS		Aquacheck	
		20 ug/l	0.2	0.2				

NOTES:

[1] Mean weekly in the quarter

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

[3] Notification Submitted

Signed *:



Date: 26/07/2022

(* authorised to sign as representative of the Operator)

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