

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/07/22 to 30/09/22

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]	5.9	1.4	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	1.9	0.5	GC/MS		---	10%
	Triphenyl (kg)	-	0.6	0.3	GC/MS		---	10%
	Formaldehyde	10 mg/l	2.6	1.3	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	33293	22681	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	18916 (9445)	14888 (7765)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	6.4 – 7.6	6.9	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	11.2	3.8	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.6	0.3				
	PCBs	100 g	30.7	15.7	GC/MS		Aquacheck	10%
	PCP	250 g	140.0	29.0	GC/MS		Aquacheck	
		15 ug/l	7.4	1.8				10%
	TCB	50 g	3.8	2.4	GC/MS		Aquacheck	
20 ug/l		0.2	0.2	10%				

NOTES:

[1] Mean weekly in the quarter

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

[3] Notification Submitted

Signed *:



Date: 21/10/2022

(* authorised to sign as representative of the Operator)

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