

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/07/21 to 30/09/21

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]	5.8	3.1	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.2	0.0	GC/MS		---	10%
	Triphenyl (kg)	-	0.6	0.1	GC/MS		---	10%
	Formaldehyde	10 mg/l	4.2	0.8	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	53703	40622	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	20426 (11246)	17400 (9354)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.7 – 7.8	6.7	pH Probe	Continuous + Composite	---	TBC
	Cadmium ^[3]	50 g	5.6	3.2	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.4	0.2				
	Mercury	27 g	8.1	3.0	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.4	0.2				
	PCBs	100 g	20.2	9.8	GC/MS		Aquacheck	10%
	PCP	250 g	88	45	GC/MS		Aquacheck	
		15 ug/l	1.4	0.6				10%
	TCB	50 g	3.9	2.7	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] Results updated following retest

Signed *:



Date: 25/10/2021

(* authorised to sign as representative of the Operator)

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