

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/10/21 to 31/12/21

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]	9.7	5.4	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	1.1	0.1	GC/MS		---	10%
	Triphenyl (kg)	-	10.9	1.0	GC/MS		---	10%
	Formaldehyde	10 mg/l	7.2	2.1	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	46392	33241	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	32442 (13282)	18934 (9070)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.4 – 8.8	6.7	pH Probe	Continuous + Composite	---	TBC
	Cadmium ^[3]	50 g	7.3	5.9	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.5	0.3				
	Mercury	27 g	20.3	3.8	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	1.4	0.2				
	PCBs	100 g	18.5	8.5	GC/MS		Aquacheck	10%
	PCP	250 g	152	57	GC/MS		Aquacheck	
		15 ug/l	5.1	2.7				10%
	TCB	50 g	7.0	3.2	GC/MS		Aquacheck	
		20 ug/l	0.5	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: 28/01/2022

(* authorised to sign as representative of the Operator)

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