

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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/10/23 to 31/12/23

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]	15.6	2.5	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.6	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	1.5	0.4	GC/MS		---	10%
	Formaldehyde	10 mg/l	13.1 ^[3]	3.7	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	34646	18920	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m³/ week	31087 (12640)	21074 (8391)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.2 – 7.7	6.8	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	21.2	13.3	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	1.5	0.8				
	Mercury	27 g	6.5	3.4	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.4	0.2				
	PCBs	100 g	37.6	16.8	GC/MS		Aquacheck	10%
	PCP	250 g	194	113	GC/MS		Aquacheck	
		15 ug/l	13.7	5.4				10%
	TCB	50 g	10.3	4.0	GC/MS		Aquacheck	
		20 ug/l	0.5	0.2				10%

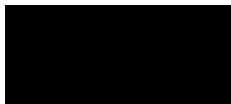
NOTES:

[1] Mean weekly in the quarter

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

[3] Submitted Notification in effect

Signed *:



Date: 25/01/2023

(* authorised to sign as representative of the Operator)

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