

Permit Reference Number: BR97151B

Operator: Solutia UK Ltd

Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/07/24 to 30/09/24

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]	5.0	0.6	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg ^[1]	0.9	0.1	GC/MS		---	10%
	Triphenyl (kg)	-	2.7	0.8	GC/MS		---	10%
	Formaldehyde	10 mg/l	2.7	1.6	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	32276	22565	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent ^[2]	25000 m ³ / week	24443 (9874)	16455 (7813)	Electronic counter	Quarterly Total	MCerts	<8%
	pH	5-10	5.9 – 8.0	7.1	pH Probe	Continuous + Composite	---	TBC
	Cadmium ^[3]	50 g	12.8	9.4	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 ug/l	0.6	0.5				
	Mercury	27 g	21.1	7.5	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	1.4	0.5				
	PCBs	100 g	97.3	34.6	GC/MS		Aquacheck	10%
	PCP	250 g	171.4	53.2	GC/MS		Aquacheck	
		15 ug/l	7.0	3.0			10%	
	TCB	50 g	3.7	2.5	GC/MS		Aquacheck	
20 ug/l		0.2	0.2	10%				

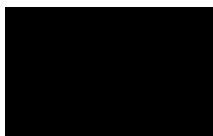
NOTES:

[1] Mean weekly in the quarter

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

[3] x1 of the monthly Cd results is not yet available (external lab) – update to follow upon receipt

Signed *:



Date: 17/10/2024

(* authorised to sign as representative of the Operator)

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