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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/04/19 **to** 30/06/19

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]	10.0	3.3	GC/MS	Weekly composite	---	10%
	Biphenyl	20 kg [1]	1.6	0.2	GC/MS		---	10%
	Triphenyl (kg)	-	0.7	0.3	GC/MS		---	10%
	Formaldehyde	10 mg/l	4.5	2.5	HPLC	Weekly composite	---	>20%
	COD	65000 kg / week	41888	29855	Spectrophoto-metric	Weekly composite	Aquacheck	4%
	Max volume of effluent [4]	25000 m^3/ week	20401 (9013)	14903 (6266)	Electronic counter	Quarterly Total	MCerts	
	pH	5-10	6.5 - 8.0	7.1	pH Probe	Continuous + Composite	---	TBC
	Cadmium	50 g	5.1	3.0	ICP/MS	Monthly (wkly composite)	NAMAS	TBC
		3.5 u/l	0.28	0.18				
	Mercury	27 g	2.8	1.2	FIMS (AA)	Weekly composite	Aquacheck	13%
		1.5 ug/l	0.2	0.1				
	PCBs	100 g	15.9	8.2	GC/MS		Aquacheck	10%
	PCP	250 g	288 [5]	155	GC/MS		Aquacheck	
		15 ug/l	18 [5]	10				10%
	TCB	50 g	10.0	1.5	GC/MS		Aquacheck	
		20 ug/l	0.9	0.1				10%

NOTES:
[1] Mean weekly in the quarter
[2] Test Methods TBC following issue of new Permit Variation
[3] Limit change from 150 to 15 ug/l [as of Q4/2015]
[4] Total MCerts Flow (inc. rainfall), and Indicative Effluent Flow
[5] Part A Notification Submitted

Signed *:  **Date:** 05/07/2019

(* authorised to sign as representative of the Operator)

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