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

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/07/16 **to** 30/09/16

Emission Point	Substance / Parameter	Emission Limit Value	Result Max [1]	Result Mean [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]	Uncertainty [5]
W1	Benzene	20 kg [1]	19.2	9.4	GC/MS	Weekly composite	---	10%
W1	Biphenyl	20 kg [1]	1.9	0.3	GC/MS		---	10%
W1	Triphenyl (kg)	-	0.41	0.05	GC/MS		---	10%
W1	Formaldehyde	10 mg/l	2.5	0.7	HPLC	Weekly composite	---	>20%
W1	Phenol [2]	10 mg/l [1]	9.3	3.7	HPLC	Weekly composite	Aquacheck	10%
W1	COD	65000 kg / week	29351	18373	Spectrophoto-metric	Weekly composite	Aquacheck	4%
W1	Max volume of effluent	25000 m^3/ week	14058	8920	Electronic counter	Quarterly Total		
W1 + W2	Cadmium	50 g	1.8	1.6	ICP/MS	Monthly (wkly composite)	NAMAS	
W1 + W2	Mercury	27 g	7.4	1.7	FIMS (AA)	Weekly composite	Aquacheck	13%
W1 + W2	PCBs	100 g	26.1	9.1	GC/MS		Aquacheck	10%
W1 + W2	PCP	250 g	214	87	GC/MS		Aquacheck	10%
W1 + W2	TCB	50 g	6.4	3.7	GC/MS		Aquacheck	10%
W1	Mercury	1.5 µg/l	0.40	0.09	FIMS (AA)	Monthly spot	Aquacheck	13%
W1	Cadmium	3.5 µg/l	0.08	0.08	ICP/MS		NAMAS	
W1	PCP [3]	15 µg/l	11.4	4.9	GC/MS		Aquacheck	10%
W1	TCB	20 µg/l	0.3	0.2	GC/MS		Aquacheck	10%

[1] Mean weekly in the quarter
[2] Limit change from 40 to 10 mg/l [as of Q4/2015]
[3] Limit change from 150 to 15 ug/l [as of Q4/2015]

Signed *: **Date:** 27/10/2016 (* authorised to sign as representative of the Operator)

Date of Form: 31/03/11