

Permit Reference Number: BR97151B
Operator: Solutia UK Ltd
Installation: Newport Chemical Complex

Form Number: W1

Reporting of Emissions to Estuary for the period from: 01/10/17 to 31/12/17

Emission Point	Substance / Parameter	Emission Limit Value	Result Max ^[1]	Result Mean ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification	Uncertainty
W1	Benzene	20 kg ^[1]	8.5	1.6	GC/MS	Weekly composite	---	10%
W1	Biphenyl	20 kg ^[1]	0.3	0.1	GC/MS		---	10%
W1	Triphenyl (kg)	-	20.6	0.8	GC/MS		---	10%
W1	Formaldehyde	10 mg/l	2.9	1.7	HPLC	Weekly composite	---	>20%
W1	Phenol ^[2]	10 mg/l ^[1]	1.5	0.7	HPLC	Weekly composite	Aquacheck	10%
W1	COD	65000 kg / week	46740	29404	Spectrophoto-metric	Weekly composite	Aquacheck	4%
W1	Max volume of effluent	25000 m ³ / week	12882	8590	Electronic counter	Quarterly Total		
W1 + W2	Cadmium	50 g	1.8	1.4	ICP/MS	Monthly (wkly composite)	NAMAS	
W1 + W2	Mercury	27 g	4.1	1.5	FIMS (AA)	Weekly composite	Aquacheck	13%
W1 + W2	PCBs	100 g	21.7	10.8	GC/MS		Aquacheck	10%
W1 + W2	PCP	250 g	216	104	GC/MS		Aquacheck	10%
W1 + W2	TCB	50 g	7.0	3.2	GC/MS		Aquacheck	10%
W1	Mercury	1.5 µg/l	0.19	0.09	FIMS (AA)	Monthly spot	Aquacheck	13%
W1	Cadmium	3.5 µg/l	0.12	0.09	ICP/MS		NAMAS	
W1	PCP ^[3]	15 µg/l	9.7	6.2	GC/MS		Aquacheck	10%
W1	TCB	20 µg/l	0.4	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 µg/l [as of Q4/2015]

Signed *:



Date: 23/01/2018

(* authorised to sign as representative of the Operator)

Date of Form: 31/03/11