

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

**Form Number:** W1

**Reporting of Emissions to Estuary for the period from: 01/10/18 to 31/12/18**

Emission Point	Substance / Parameter	Emission Limit Value	Result Max <sup>[1]</sup>	Result Mean <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification	Uncertainty
W1	Benzene	20 kg <sup>[1]</sup>	3.8	0.3	GC/MS	Weekly composite	---	10%
W1	Biphenyl	20 kg <sup>[1]</sup>	3.1	0.3	GC/MS		---	10%
W1	Triphenyl (kg)	-	5.4	0.8	GC/MS		---	10%
W1	Formaldehyde	10 mg/l	2.9	1.2	HPLC	Weekly composite	---	>20%
W1	Phenol <sup>[2]</sup>	10 mg/l	---	---	HPLC	Weekly composite	Aquacheck	10%
W1	COD	65000 kg / week	46992	31035	Spectrophoto-metric	Weekly composite	Aquacheck	4%
W1	Max volume of effluent	25000 m <sup>3</sup> / week	9332	6973	Electronic counter	Quarterly Total		
W1 + W2	Cadmium	50 g	2.4	1.7	ICP/MS	Monthly (wkly composite)	NAMAS	
W1 + W2	Mercury	27 g	6.6	2.5	FIMS (AA)	Weekly composite	Aquacheck	13%
W1 + W2	PCBs	100 g	16.4	8.6	GC/MS		Aquacheck	10%
W1 + W2	PCP	250 g	279.7	171.4	GC/MS		Aquacheck	10%
W1 + W2	TCB	50 g	7.5	3.4	GC/MS		Aquacheck	10%
W1	Mercury	1.5 µg/l	0.38	0.14	FIMS (AA)	Monthly spot	Aquacheck	13%
W1	Cadmium	3.5 µg/l	0.08	0.08	ICP/MS		NAMAS	
W1	PCP <sup>[3]</sup>	15 µg/l	10.2	9.6	GC/MS		Aquacheck	10%
W1	TCB	20 µg/l	0.4	0.2	GC/MS		Aquacheck	10%

[1] Mean weekly in the quarter

[2] No Longer monitored / reported (operation ceased Q4/2017)

[3] Limit change from 150 to 15 µg/l [as of Q4/2015]

**Signed \*:**



**Date:** 04/01/2019

(\* authorised to sign as representative of the Operator)

**Date of Form:** 31/03/11