

Water Impact Screening - Fresh Water Releases

Apply Test 2

This page applies Test 2 and displays the Process Contribution as a proportion of the EQS. Emissions with PCs that are less than 4% of the EQS can be screened from further assessment as they are likely to have an insignificant impact.

Substance	Annual Avg EQS					MAC EQS				
	Annual Avg EQS µg/l	PC µg/l	Modelled PC	% PC of EQS %	PC < 4% of EQS? Test 2	MAC EQS µg/l	PC µg/l	Modelled PC	% PC of MAC %	PC < 4% of MAC? Test 2
Cadmium and its compounds (≥ 200 mg/l CaCO ₃) (River Trent at Stoke Bardolph)	0.25	0.0002		0.09	Pass	1.5	0.0068		0.453	Pass
Cadmium and its compounds (≥ 200 mg/l CaCO ₃) (Tottle Brook at Harrimans Lane)	0.25	0.0884		35.35	Fail	1.5	2.7683		185	Fail
Chromium III (95%ile) (dissolved) (Tottle Brook at Harrimans Lane)	4.7	0.0223		0.47	Pass	32	0.3460		1.09	Pass
Chromium III (95%ile) (dissolved) (River Trent at Stoke Bardolph)	4.7	0.0003		0.01	Pass	32	0.0075		0.0234	Pass
Copper (River Trent at Stoke Bardolph)	1	0.0005		0.05	Pass		0.0140		-	Pass
Copper (Tottle Brook at Harrimans Lane)	1	0.0979		9.79	Fail		3.4604		-	Pass
Iron (dissolved) (River Trent at Stoke Bardolph)	1000	0.0363		0.00	Pass		0.7046		-	Pass
Lead and it's compounds (River Trent at Stoke Bardolph)	1.2	0.0016		0.13	Pass	14	0.0383		0.274	Pass
Lead and it's compounds (Tottle Brook at Harrimans Lane)	1.2	0.0257		2.15	Pass	14	0.7415		5.30	Fail
Mercury and its compounds (River Trent at Stoke Bardolph)		0.0000			Pass	0.07	0.0000		0.0367	Pass
Mercury and its compounds (Tottle Brook at Harrimans Lane)		0.0046			Pass	0.07	0.1804		258	Fail
Nickel and its compounds (River Trent at Stoke Bardolph)	4	0.0001		0.00	Pass	34	0.0027		0.00795	Pass
Nickel and its compounds (Tottle Brook at Harrimans Lane)	4	0.0763		1.91	Pass	34	4.4491		13.1	Fail
Tin (inorganic) (Tottle Brook at Harrimans Lane)	25	0.5817		2.33	Pass		4.5232		-	Pass
Tin (inorganic) (River Trent at Stoke Bardolph)	25	0.0003		0.00	Pass		0.0108		-	Pass
Zinc (River Trent at Stoke Bardolph)	10.9	0.0049		0.04	Pass		0.1334		-	Pass
Zinc (Tottle Brook at Harrimans Lane)	10.9	2.1839		20.04	Fail		57.8381		-	Pass

Comments:



