Water Impacts

Calculate Process Contributions of Emissions to Water

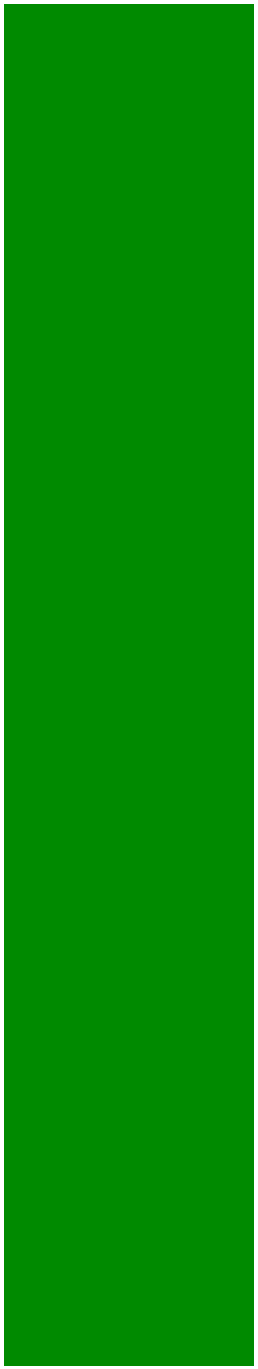
This table estimates the Process Contribution, calculated after dilution into the relevant surface water type for each emission to water listed in the inventory, according to the release point parameters input earlier. If you have more accurate data obtained through dilution modelling, this may be entered as indicated and will be used instead of the estimated PC.

Substance	Long Term			Short Term		
	EQS	PC	Modelled PC	MAC	PC	Modelled PC
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Arsenic (River Alt at Fazakerley)	50	0.0786			0	
Cadmium and its compounds (water hardness class 2) (River Alt at Fazakerley)	0.08	0.0786		0.45	0	
Chromium III (95%ile) (River Alt at Fazakerley)	4.7	0.0786		32	0	
Copper (Water Hardness 0-50mg/l) (River Alt at Fazakerley)	1	0.0786			0	
Lead and it's compounds (River Alt at Fazakerley)	7.2	0.0786			0	
Mercury and its compounds (River Alt at Fazakerley)	0.05	0.000786		0.07	0	
Nickel and its compounds (River Alt at Fazakerley)	20	0.0786			0	
Sulphate (River Alt at Fazakerley)	400000	393			0	
Zinc (Water Hardness 0-50mg/l) (River Alt at Fazakerley)	8	0.0786			0	

Note that the Process Contribution shown for each substance is the sum of the individual process contributions of each point from which the substance is emitted. Process Contributions obtained from modelling data should incorporate all relevant release points and flow conditions.

* If you have valid dispersion modelling data available - please enter it here

Comments



Water Impacts Option: 1 'Steam auger'