Water Impact Screening

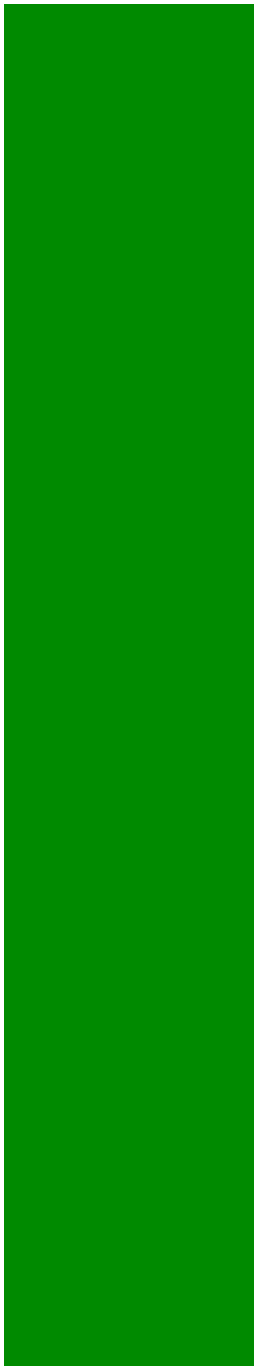
Screen out Insignificant Emissions to Water

This page displays the Process Contribution as a proportion of the EAL or EQS. Emissions with PCs that are less than the criteria indicated may be screened from further assessment as they are likely to have an insignificant impact.

Substance	Long Term EQS µg/l	Short Term MAC µg/l	Long Term PC µg/l	Long Term % PC of EQS %	Long Term > 4% of EQS?	Short Term PC µg/l	Short Term % PC of MAC %	Short Term > 4% of MAC?
Arsenic (River Alt at Fazakerley)	50		0.08	0.16	**No**	0.00	-	
Cadmium and its compounds (water hardness class 2) (River Alt at Fazakerley)	0.08	0.45	0.08	98.14	**Yes**	0.00	0	**No**
Chromium III (95%ile) (River Alt at Fazakerley)	4.7	32	0.08	1.67	**No**	0.00	0	**No**
Copper (Water Hardness 0-50mg/l) (River Alt at Fazakerley)	1		0.08	7.85	**Yes**	0.00	-	
Lead and it's compounds (River Alt at Fazakerley)	7.2		0.08	1.09	**No**	0.00	-	
Mercury and its compounds (River Alt at Fazakerley)	0.05	0.07	0.00	1.57	**No**	0.00	0	**No**
Nickel and its compounds (River Alt at Fazakerley)	20		0.08	0.39	**No**	0.00	-	
Sulphate (River Alt at Fazakerley)	400000		392.58	0.10	**No**	0.00	-	
Zinc (Water Hardness 0-50mg/l) (River Alt at Fazakerley)	8		0.08	0.98	**No**	0.00	-	

Comments

All heavy metals have been reported at the limit of detection, and thereby not actually present in the waste water.
We do not believe there is any significant process contribution as
1) all results are signifcantly below the BREF and limit of detection limits
2) there is no direct discharge to the water body. They are all discharged via a treatment works



Water Impact Screening Option: 1 'Steam auger'