

Example: Water Quality Guidelines for “human” uses and values

(for each environmental value, based on regional, state and national water quality guidelines; and for the same parameters in the interim water quality guidelines for aquatic ecosystems^a)

Environmental values	TSS	EC	SO ₄	TN	TP	pH	pH
	mg/L	µS/cm	mg/L	µg/L	µg/L		
Irrigation	ng	600-4200 ³	ng	5000 ³	50 ³	6 ³	8.5 ³
Farm use	ng	ng	ng	ng	ng	6 ³	8.5 ³
Stock water	ng	0-6000 ³	1500 ³	ng	ng	ng	ng
Aquaculture ^b	40 ³	4480 ³	ng	ng	ng	5.0 ³	9.0 ³
Human consumption of aquatic foods	ng	ng	ng	ng	ng	ng	ng
Primary recreation	ng	ng	ng	ng	ng	6.5 ⁵	8.5 ⁵
Secondary recreation	ng	ng	ng	ng	ng	ng	ng
Visual appreciation	ng	ng	ng	ng	ng	ng	ng
Drinking water	ng	ng	ng	ng	ng	ng	ng
Industrial use	ng	ng	ng	ng	ng	ng	ng
Cultural and spiritual values	ng	ng	ng	ng	ng	ng	ng

Notes: Water quality guideline source noted with superscripts – see references below

¹ = Qld Water Quality Guidelines, EPA (2006), ² = Water Quality Guidelines for the Great Barrier Reef Marine Park, GBRMPA (2008), ³ = Australian and NZ guidelines for fresh and marine waters, ANZECC (2000), ⁴ = Australian Drinking Water Guidelines, NHMRC (2004),

⁵ = Australian Guidelines for managing risk in recreational waters, NHMRC (2008)

^a Other relevant parameters will be covered in the draft report on this project

^b Aquaculture guideline values are for freshwaters

TSS = total suspended sediments, EC = electrical conductivity; SO₄ = sulphate; TN = total nitrogen, TP = total phosphorus.

ng = no guideline

