

AQUATIC SOLUTIONS - WHAT IS BRACKISH WATER



Brackish water is a mix of freshwater and saltwater

It is saltier than fresh water, but not as salty as seawater. It may result from mixing of seawater with fresh water, as in estuaries, or it may occur in brackish fossil aquifers.

Technically, brackish water contains between 0.5 and 30 grams of salt per litre—more often expressed as 0.5 to 30 parts per thousand (ppt or ‰).

Thus, brackish covers a range of salinity regimes and is not considered a precisely defined condition. It is characteristic of many brackish surface waters that their salinity can vary considerably over space and/or time.

FISH THAT REQUIRE BRACKISH WATER:

ESTUARY PERCH

GLASS PERCHLET

MONO ARGENTEUS

MONO SEBAE

OYSTER BLENNY

CRESTED OYSTER GOBY

SILVER BIDDY

MULLET

MUDSKIPPER

CRABS

FORTESQUE



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Here is a simple how to guide to make brackish water:

To make Marine Ocean Water: 1kg Sea Salt will make roughly 30L of ocean water (1.028)

(i.e. 33g/L = 33ppt)

Brackish should be half rate of Marine Ocean water

Therefore, brackish should be half rate, 1kg Sea Salt will make roughly 60L of brackish water

(1.014)

(i.e. 15g/L = 15ppt)