

Coquille River

SUMMARY

The Coquille River estuary has formerly been and remains an area in need of a more complete data set in order to assign an accurate rating. However, the current data suggests unchanged, non-problematic dissolved oxygen levels and a slight increase in chlorophyll-a concentration since the 1999 assessment.

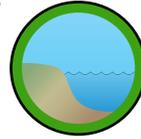
Influencing Factors

Nutrient load is unknown and influencing factors cannot be calculated.



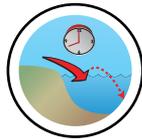
Eutrophic Conditions *

Primary symptoms beginning to indicate possible problems but still very few secondary symptoms expressed.



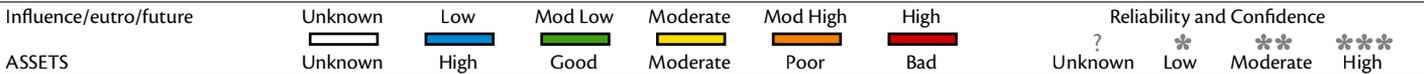
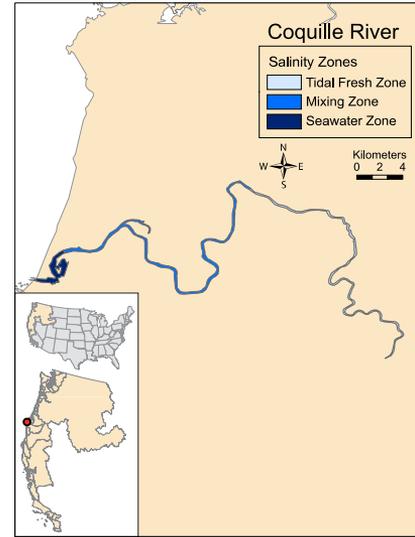
Future Outlook

An Unknown Future Outlook expression will occur if the Expected Changes In Nutrient Load by 2020 is Unknown.

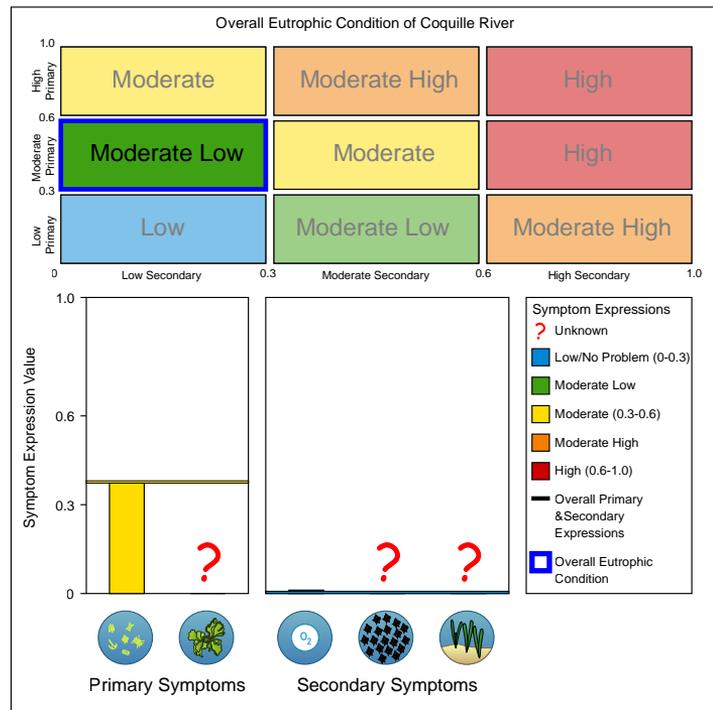
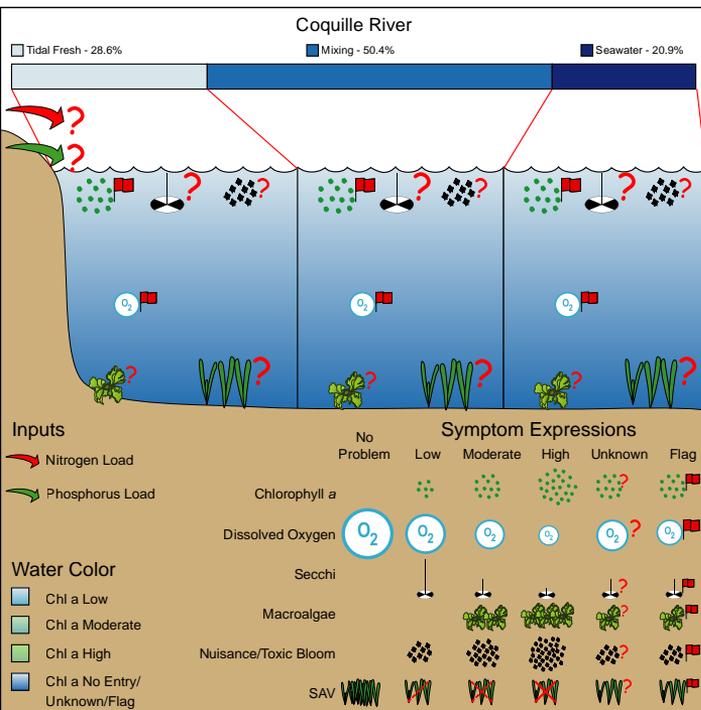


ASSETS Rating

Assessment of Estuarine Trophic Status based on the three factors evaluated in NEEA.



EUTROPHIC CONDITION



WATERSHED AND ESTUARY CHARACTERISTICS

Estuary	Landuse / Population		Watershed Details / Input Loads		
Area (km ²)	9	Urban (km ²)	39 (1.4%)	Area (km ²)	2,722
Tidal fresh zone area (km ²)	3	Agriculture (km ²)	135 (5%)	Mean elevation (m)	361
Mixing zone area (km ²)	5	Forest (km ²)	2,510 (92.3%)	Max. elevation (m)	1,158
Saltwater zone area (km ²)	2	Wetland (km ²)	0 (0%)	Watershed: estuary ratio	302.4
Volume (1,000 x m ³)	33,570	Range (km ²)	36 (1.3%)	TSS (tonne y ⁻¹)	1,280,000
Depth (m)	3.73	Barren (km ²)	0 (0%)	TN (kg y ⁻¹)	Unknown
Tide Height (m)	1.58	Total (km ²)	2,719 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	2	Population	15,128	TSS/est. area (tonne km ⁻² y ⁻¹)	142,222
		Popn: est. area ratio	1,681	TN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown