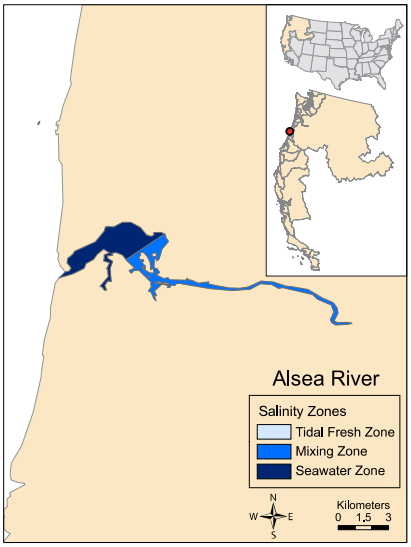
Alsea River

SUMMARY

The data provided for the Alsea River characterize the estuary with a moderate chlorophyll-a and low dissolved oxygen symptom expression. However, the low confidence level and unknown frequency of occurrence of the data make any conclusions highly uncertain.



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.

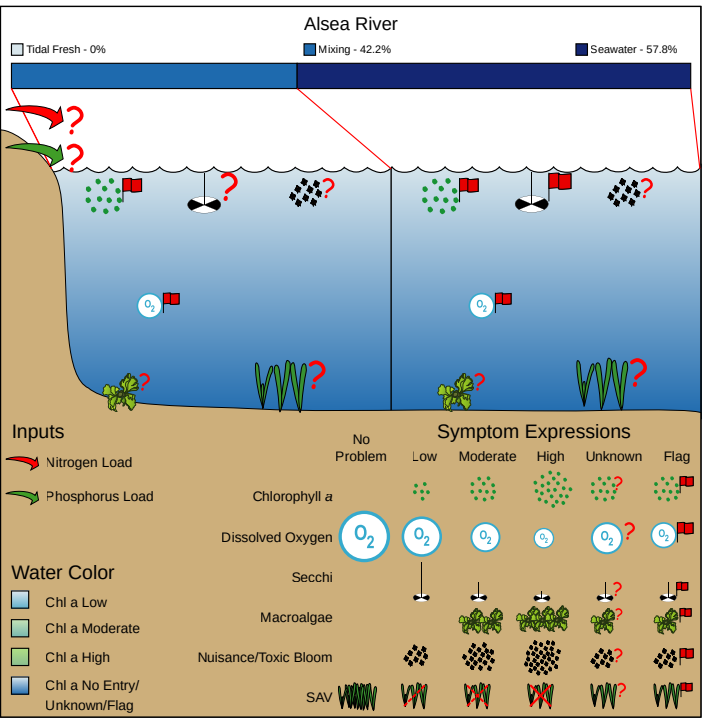
ASSETS Rating

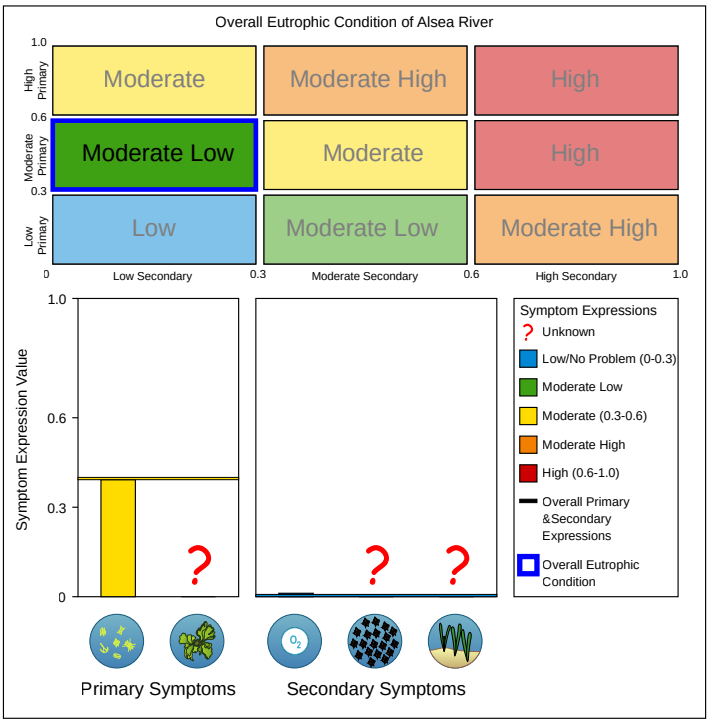
Assessment of Estuarine Trophic Status based on the three factors evaluated in NEEA.

Influence/eutro/future	Unknown	Low	Mod Low	Moderate	Mod High	High
ASSETS	Unknown	High	Good	Moderate	Poor	Bad

Reliability and Confidence			
? Unknown	* Low	** Moderate	*** High

EUTROPHIC CONDITION





WATERSHED AND ESTUARY CHARACTERISTICS

Estuary		Landuse / Population		Watershed Details / Input Loads	
Area (km^2)	9	Urban (km^2)	5 (0.4%)	Area (km^2)	1,216
Tidal fresh zone area (km^2)	0	Agriculture (km^2)	23 (1.9%)	Mean elevation (m)	309
Mixing zone area (km^2)	4	Forest (km^2)	1,184 (97.4%)	Max. elevation (m)	1,003
Saltwater zone area (km^2)	5	Wetland (km^2)	3 (0.2%)	Watershed: estuary ratio	135.1
Volume (1,000 x m^3)	18,720	Range (km^2)	0 (0%)	TSS (tonne y^{-1})	168,000
Depth (m)	2.08	Barren (km^2)	0 (0%)	DIN (kg y^{-1})	Unknown
Tide Height (m)	1.77	Total (km^2)	1,215 (0%)	DIP (kg y^{-1})	Unknown
Residence Time (d)	1	Population	4,398	TSS/est. area (tonne km^{-2} y^{-1})	18,667
		Popn: est. area ratio	489	DIN/est. area (kg km^{-2} y^{-1})	Unknown
				DIP/est. area (kg km^{-2} y^{-1})	Unknown