

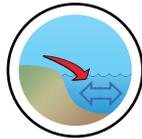
Mermentau River

SUMMARY

Data were unavailable to assess the eutrophic condition of the Mermentau River. In the 1999 assessment, this system was characterized by low overall eutrophic conditions on account of low symptom expression for all indicators with the exception of chlorophyll a for which data were not available.

Influencing Factors

Nutrient load is unknown and influencing factors cannot be calculated.



Eutrophic Conditions *

An Unknown Overall Eutrophic Condition expression will occur if either the Primary or Secondary overall symptom expression is Unknown.



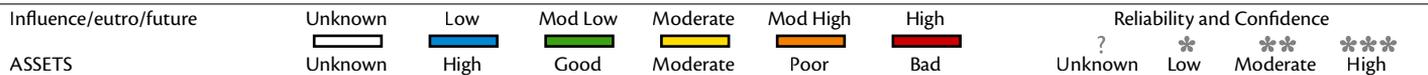
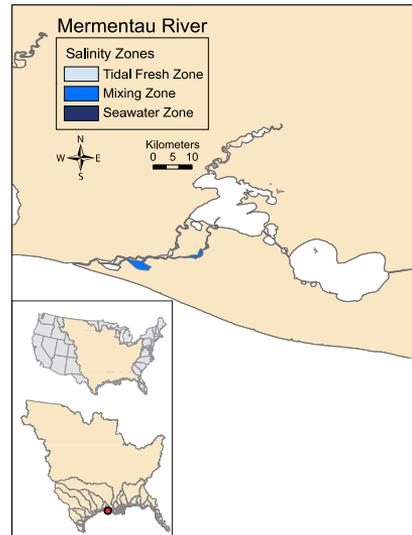
Future Outlook

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

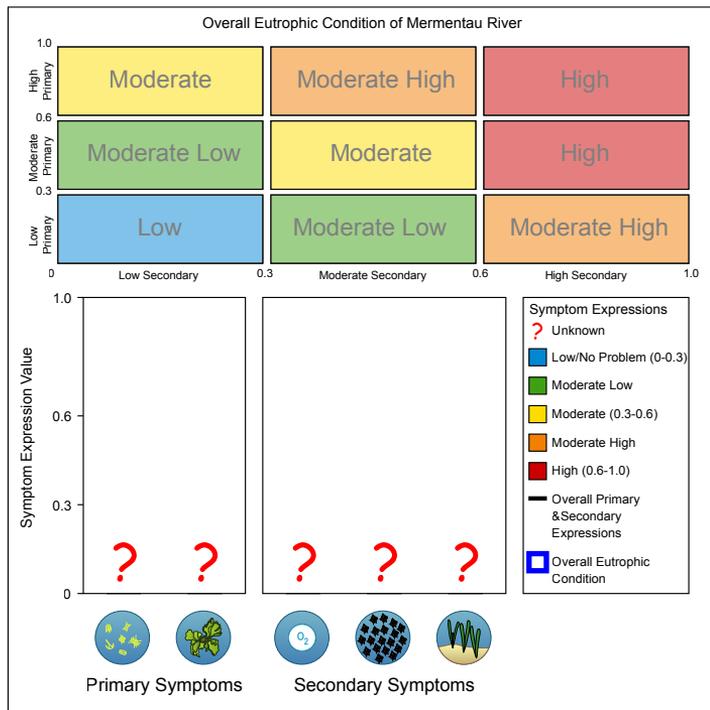
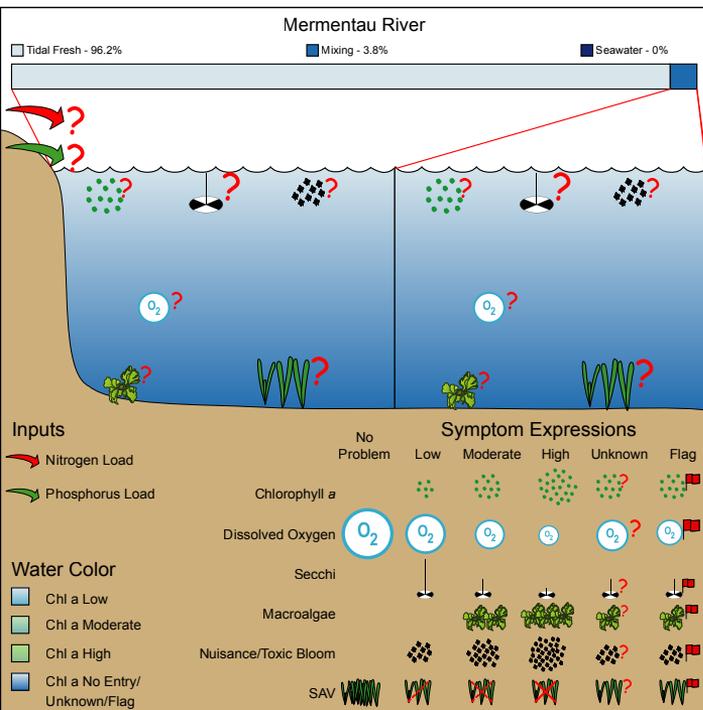


ASSETS Rating

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)	450	Urban (km ²)	181 (2.1%)	Area (km ²)	9,035
Tidal fresh zone area (km ²)	433	Agriculture (km ²)	5,089 (58.3%)	Mean elevation (m)	7
Mixing zone area (km ²)	17	Forest (km ²)	730 (8.4%)	Max. elevation (m)	42
Saltwater zone area (km ²)	0	Wetland (km ²)	2,725 (31.2%)	Watershed: estuary ratio	20.1
Volume (1,000 x m ³)	22,500	Range (km ²)	0 (0%)	TSS (tonne y ⁻¹)	572,000
Depth (m)	0.05	Barren (km ²)	0 (0%)	DIN (kg y ⁻¹)	Unknown
Tide Height (m)	0.03	Total (km ²)	8,726 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	1	Population	194,419	TSS/est. area (tonne km ⁻² y ⁻¹)	1,271
		Popn: est. area ratio	432	DIN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown