

Sheepscoot Bay

SUMMARY

Data were unavailable to assess the eutrophic condition of Sheepscoot Bay. However, in the 1999 assessment the overall eutrophic condition of the estuary was characterized as moderate high based on moderate chlorophyll-a and macroalgae symptom expressions and high expressions of nuisance/toxic bloom, though dissolved oxygen was not a problem.

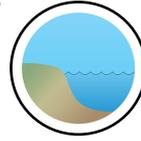
Influencing Factors

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.



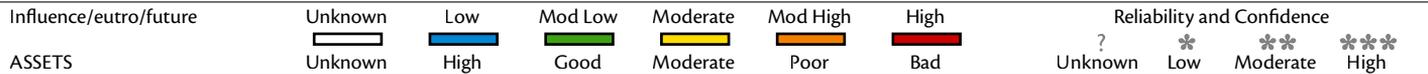
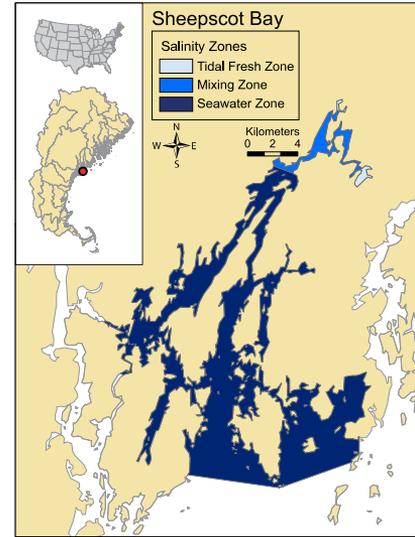
Future Outlook

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

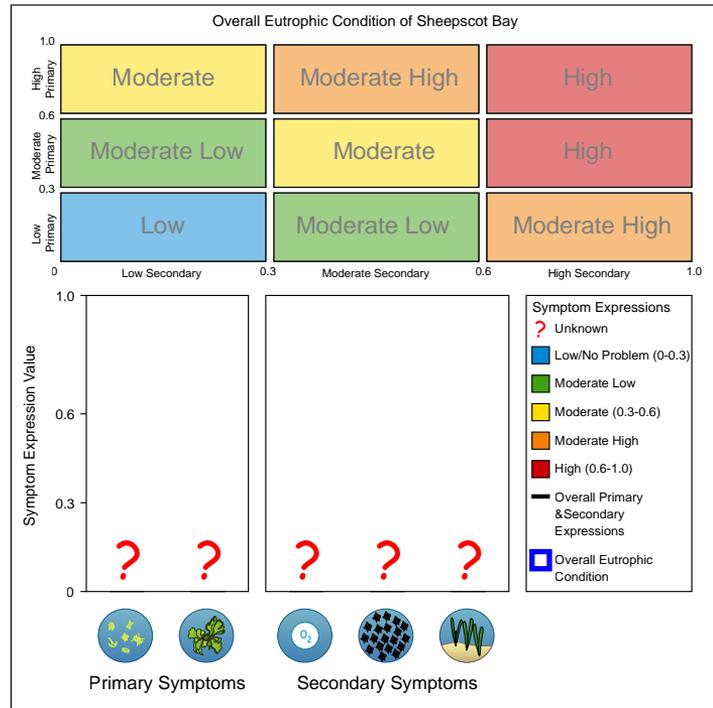
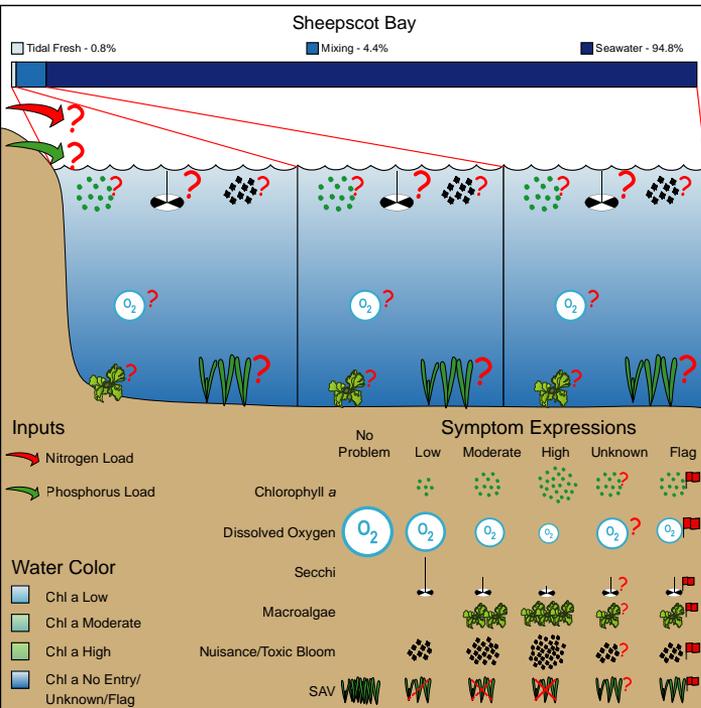


ASSETS Rating

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)	107	Urban (km ²)	8 (1.2%)	Area (km ²)	872
Tidal fresh zone area (km ²)	<1	Agriculture (km ²)	67 (10.4%)	Mean elevation (m)	76
Mixing zone area (km ²)	5	Forest (km ²)	546 (84.4%)	Max. elevation (m)	262
Saltwater zone area (km ²)	101	Wetland (km ²)	18 (2.8%)	Watershed: estuary ratio	8.1
Volume (1,000 x m ³)	1,919,580	Range (km ²)	8 (1.2%)	TSS (tonne y ⁻¹)	12,000
Depth (m)	17.94	Barren (km ²)	0 (0%)	DIN (kg y ⁻¹)	Unknown
Tide Height (m)	2.69	Total (km ²)	647 (0%)	DIP (kg y ⁻¹)	Unknown
Residence Time (d)	23	Population	16,823	TSS/est. area (tonne km ⁻² y ⁻¹)	112
		Popn: est. area ratio	157	DIN/est. area (kg km ⁻² y ⁻¹)	Unknown
				DIP/est. area (kg km ⁻² y ⁻¹)	Unknown