

# Tillamook Bay

## SUMMARY

No data were available to assess the eutrophic condition of Tillamook Bay for both the 1999 and 2004 assessments.

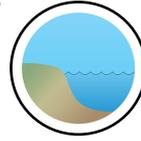
## Influencing Factors

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.



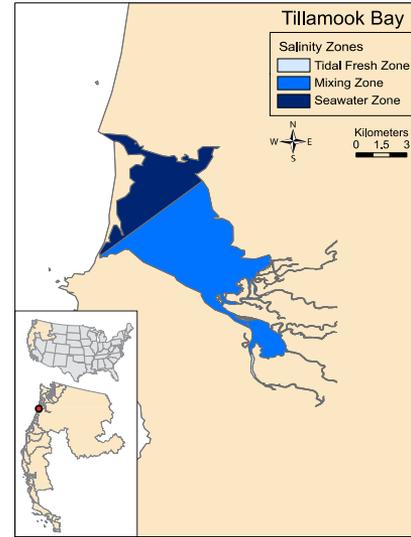
## Future Outlook

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.



Influence/eutro/future

Unknown

Low

Mod Low

Moderate

Mod High

High

Reliability and Confidence

ASSETS

Unknown

High

Good

Moderate

Poor

Bad

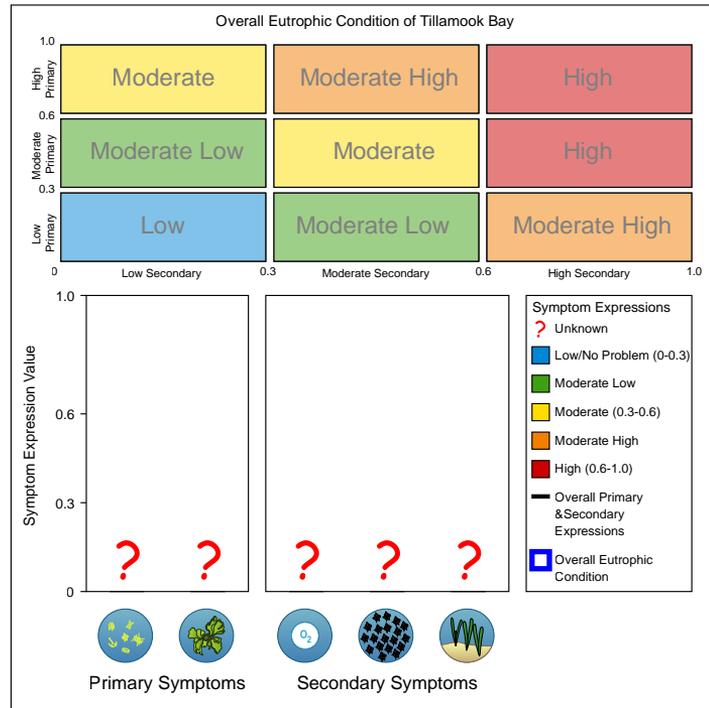
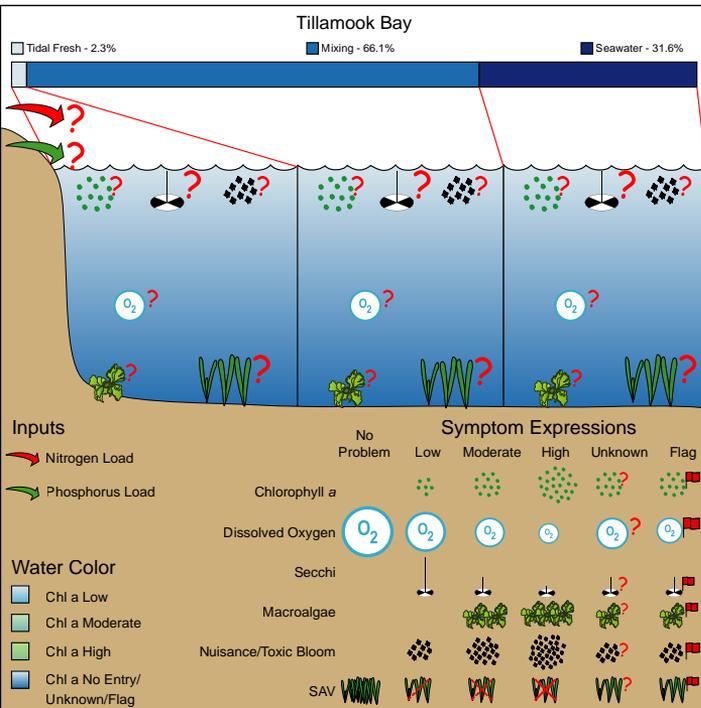
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## EUTROPHIC CONDITION



## WATERSHED AND ESTUARY CHARACTERISTICS

Estuary		Landuse / Population		Watershed Details / Input Loads	
Area (km <sup>2</sup> )	38	Urban (km <sup>2</sup> )	18 (1.3%)	Area (km <sup>2</sup> )	1,390
Tidal fresh zone area (km <sup>2</sup> )	<1	Agriculture (km <sup>2</sup> )	70 (5%)	Mean elevation (m)	390
Mixing zone area (km <sup>2</sup> )	25	Forest (km <sup>2</sup> )	1,292 (93.1%)	Max. elevation (m)	1,063
Saltwater zone area (km <sup>2</sup> )	12	Wetland (km <sup>2</sup> )	5 (0.4%)	Watershed: estuary ratio	36.6
Volume (1,000 x m <sup>3</sup> )	69,920	Range (km <sup>2</sup> )	3 (0.2%)	TSS (tonne y <sup>-1</sup> )	524,000
Depth (m)	1.84	Barren (km <sup>2</sup> )	0 (0%)	DIN (kg y <sup>-1</sup> )	Unknown
Tide Height (m)	1.69	Total (km <sup>2</sup> )	1,388 (0%)	DIP (kg y <sup>-1</sup> )	Unknown
Residence Time (d)	1	Population	8,541	TSS/est. area (tonne km <sup>-2</sup> y <sup>-1</sup> )	13,790
		Popn: est. area ratio	225	DIN/est. area (kg km <sup>-2</sup> y <sup>-1</sup> )	Unknown
				DIP/est. area (kg km <sup>-2</sup> y <sup>-1</sup> )	Unknown