

# Kennebec/Androscoggin River

## SUMMARY

Insufficient data were available to assess the eutrophic condition of the Kennebec/Androscoggin River estuary. However, chlorophyll-a and dissolved oxygen concentrations in the mixing and seawater zones (34% of total area) reflect low symptom expressions.

## 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.



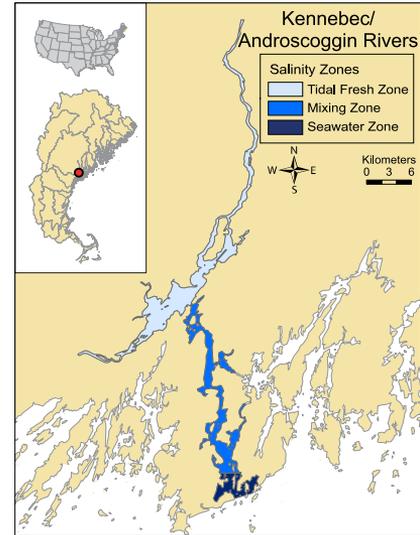
## Future Outlook

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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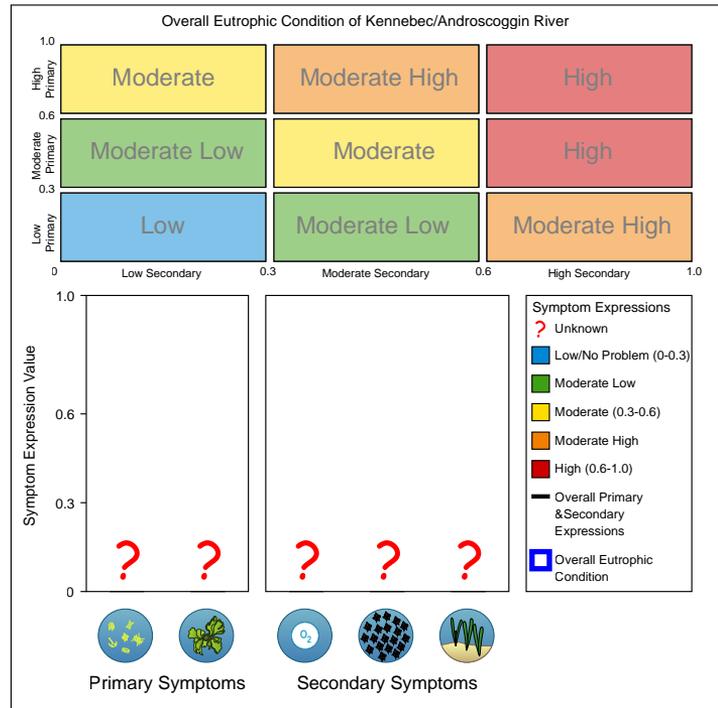
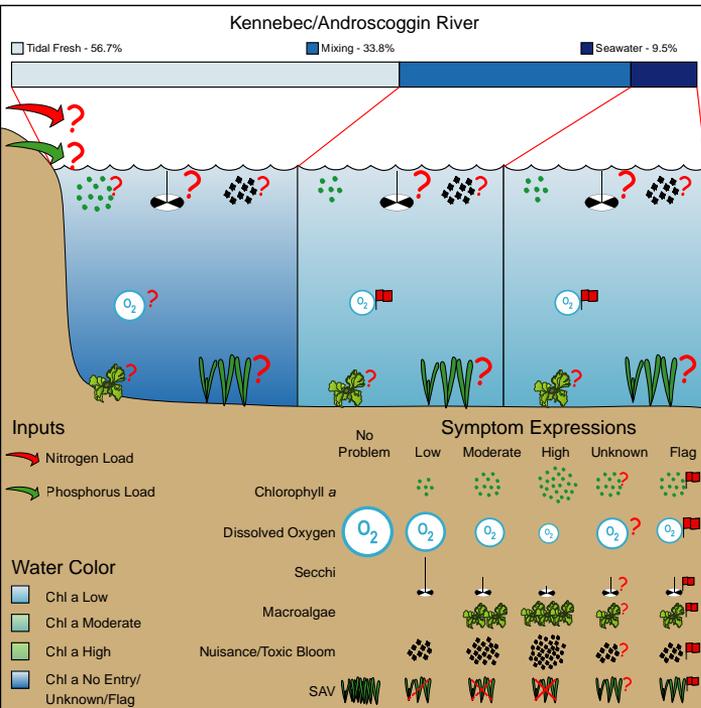
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High

## EUTROPHIC CONDITION



## WATERSHED AND ESTUARY CHARACTERISTICS

Estuary	Landuse / Population		Watershed Details / Input Loads		
Area (km <sup>2</sup> )	76	Urban (km <sup>2</sup> )	557 (2.4%)	Area (km <sup>2</sup> )	24,601
Tidal fresh zone area (km <sup>2</sup> )	43	Agriculture (km <sup>2</sup> )	1,342 (5.8%)	Mean elevation (m)	336
Mixing zone area (km <sup>2</sup> )	26	Forest (km <sup>2</sup> )	20,352 (88.3%)	Max. elevation (m)	1,676
Saltwater zone area (km <sup>2</sup> )	7	Wetland (km <sup>2</sup> )	795 (3.4%)	Watershed: estuary ratio	323.7
Volume (1,000 x m <sup>3</sup> )	476,520	Range (km <sup>2</sup> )	16 (0.1%)	TSS (tonne y <sup>-1</sup> )	43,500
Depth (m)	6.27	Barren (km <sup>2</sup> )	0 (0%)	DIN (kg y <sup>-1</sup> )	Unknown
Tide Height (m)	1.69	Total (km <sup>2</sup> )	23,061 (0%)	DIP (kg y <sup>-1</sup> )	Unknown
Residence Time (d)	4	Population	426,273	TSS/est. area (tonne km <sup>-2</sup> y <sup>-1</sup> )	572
		Popn: est. area ratio	5,609	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