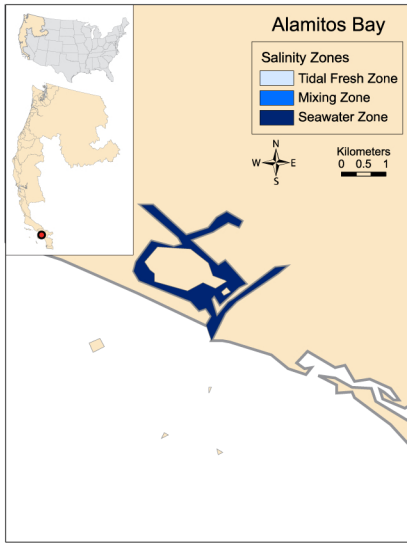
Alamitos Bay

SUMMARY

Data were unavailable to assess the eutrophic condition of Alamitos Bay. In the 1999 assessment, eutrophic conditions in the bay were low overall based on moderate dissolved oxygen symptom expression and low occurrence of nuisance/toxic blooms.



Influencing Factors

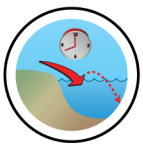
Nutrient load is unknown and influencing factors cannot be calculated.

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.



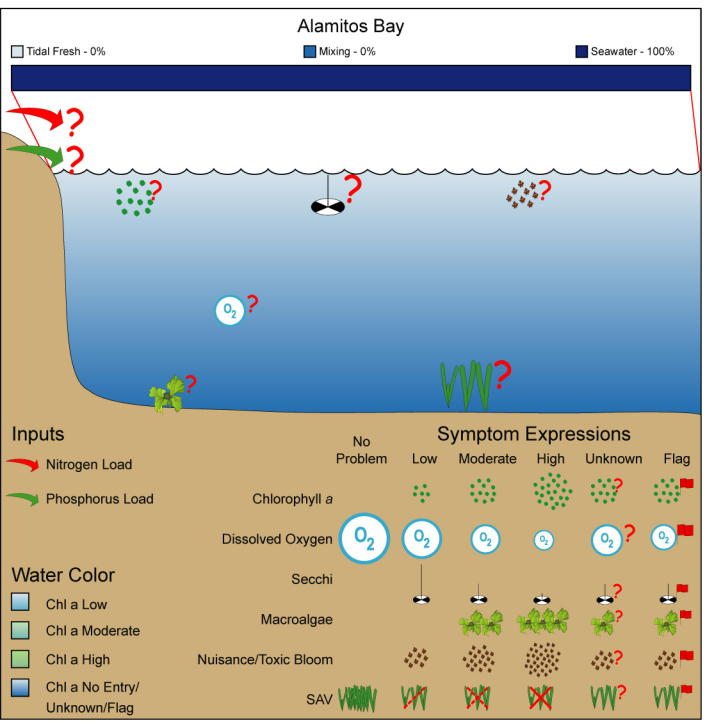
ASSETS Rating

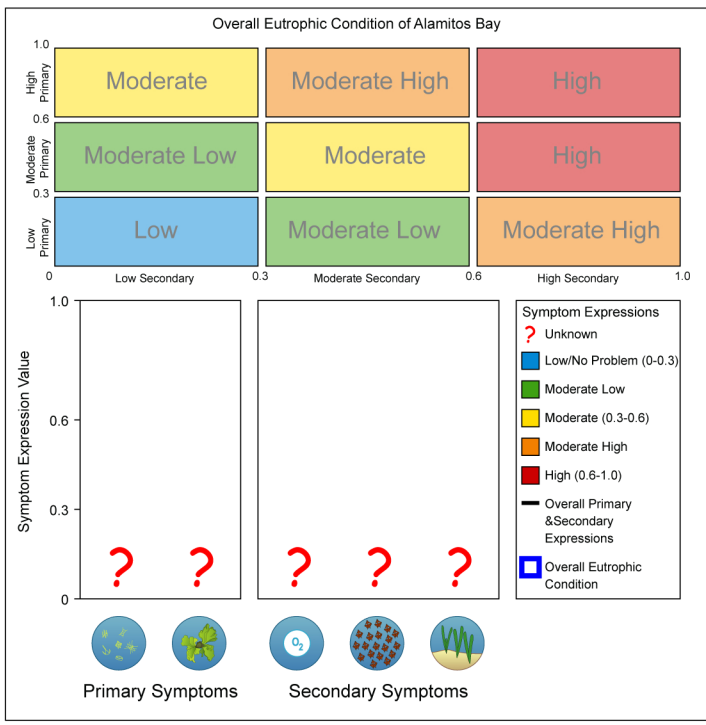
Assessment of Estuarine Trophic Status based on the three factors evaluated in NEEA.

Influence/eutro/future	Unknown	Low	Mod Low	Moderate	Mod High	High
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)	2	Urban (km^2)	197 (100%)	Area (km^2)	74
Tidal fresh zone area (km^2)	0	Agriculture (km^2)	0 (0%)	Mean elevation (m)	12
Mixing zone area (km^2)	0	Forest (km^2)	0 (0%)	Max. elevation (m)	30
Saltwater zone area (km^2)	2	Wetland (km^2)	0 (0%)	Watershed: estuary ratio	37.0
Volume (1,000 x m^3)	4,120	Range (km^2)	0 (0%)	TSS (tonne y^{-1})	3,250
Depth (m)	2.06	Barren (km^2)	0 (0%)	DIN (kg y^{-1})	Unknown
Tide Height (m)	0.91	Total (km^2)	197 (0%)	DIP (kg y^{-1})	Unknown
Residence Time (d)	3	Population	157,331	TSS/est. area (tonne km^{-2} y^{-1})	1,625
		Popn: est. area ratio	78,666	DIN/est. area (kg km^{-2} y^{-1})	Unknown
				DIP/est. area (kg km^{-2} y^{-1})	Unknown