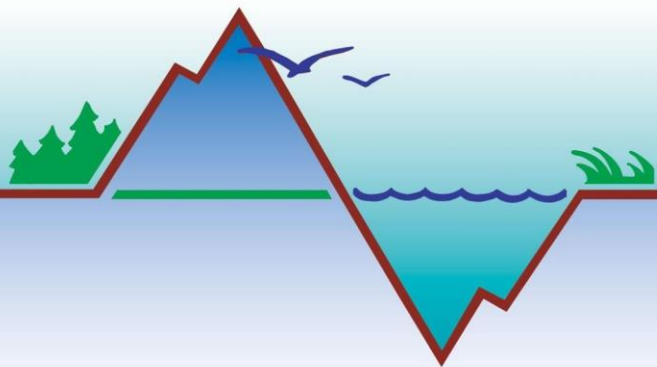


Kachemak Bay Research Reserve Phytoplankton Update
September 17^h – September 30th, 2021

Harmful Algal Bloom Program

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Hello Everyone,

Fall is here, the trees have on their golden cloaks and frosting mornings are becoming common throughout the bay. We are also nearing the end of the season for KBNERR Weekly Phytoplankton Updates as temperatures drop and days become shorter. For this week we can share that we saw a variety of diatoms in Homer Harbor and last week phytoplankton in Seldovia Harbor were sparse.

As always, please reach out with any questions.

Thank you to all our monitors for collecting phytoplankton samples during this especially busy summer!
Jasmine and Rosie

**Due to weather delays, shipping distances and times, the processing of some samples may happen after the weekly update is shared. The results from these samples will be included in subsequent updates, which is why not all sample dates in the tables below fall within the date range of the current Weekly Update.

Kachemak Bay Research Reserve Phytoplankton Update
Qualitative Analysis Phytoplankton Data

INNER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
9/30/2021	Homer Harbor	7.9	26.6	Mixed Diatoms	None	Present	None

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
9/4/2021	Seldovia Harbor	11.6	29	<i>Leptocylindrus</i> spp.	Present	None	None
9/16/2021	Seldovia Harbor	10.3	29	Sparse Sample	Present	None	None

