

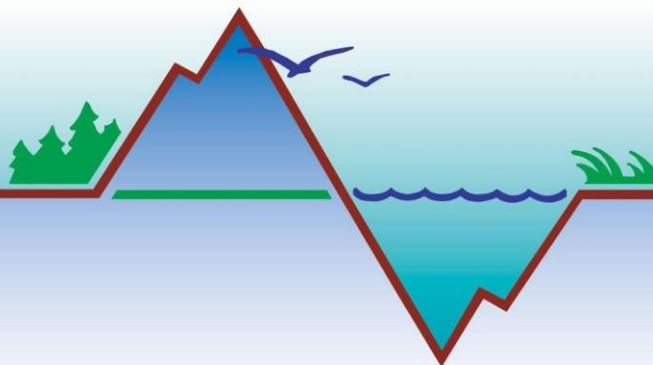
Kachemak Bay Research Reserve Phytoplankton Update

August 13th – August 19th, 2021

Harmful Algal Bloom Program

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Hello Everyone,

This week we saw a variety of phytoplankton throughout Kachemak Bay at most sampling sites. Homer Harbor and China Poot are the two exceptions both having sparse phytoplankton this week. In outer Kachemak Bay diatoms were dominant at most sites.

As always, please reach out with any questions.

Thank you to all our monitors for collecting phytoplankton samples!

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
8/15/2021	Peterson Bay	11.6	30	<i>Skeletonema</i>	None	Present	None
8/17/2021	Halibut Cove	12	28	<i>Chaetoceros</i> spp.	None	None	None
8/18/2021	Homer Harbor	12.4	25.4	Sparse Sample	Present	Present	None
8/18/2021	China Poot	9.9	30.8	Sparse Sample	Present	Present	None

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
8/18/2021	Kasitsna Bay	11.3	30.4	<i>Dictyocha</i> spp.	Present	Present	None

8/18/2021	Jakolof Bay	10.9	30.5	<i>Leptocylindrus</i> sp.	Present	Present	None
8/18/2021	Sadie Cove	11.5	28.6	<i>Skeletonema</i> bloom	None	Present	None
8/18/2021	Eldred Passage	11.2	29.1	<i>Skeletonema</i> sp	None	Present	None



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