

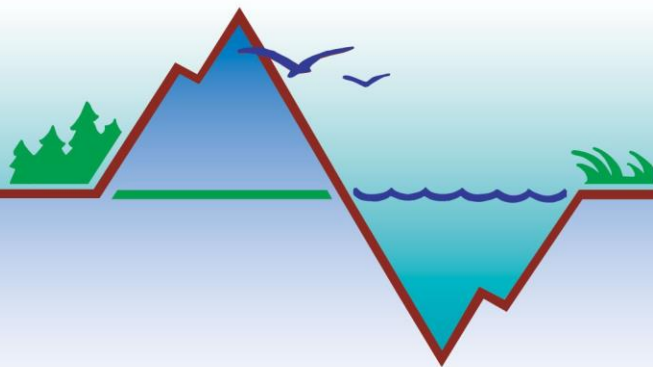
Kachemak Bay Research Reserve Phytoplankton Update

May 28th – June 3rd, 2021

Harmful Algal Bloom Program

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Hello Everyone,

This week the phytoplankton were abundant at all the locations sampled. In inner Kachemak Bay a dinoflagellate, *Heterocapsa*, was the most abundant group in Peterson Bay, while mixed *Chaetoceros* species were the dominant group in Homer Harbor. In contrast, the outer Kachemak Bay phytoplankton samples had a wide variety of diatoms present without any one group dominating the sample.

As always please email us with any questions. Email is the best method to reach KBNERR staff while we continue to work remotely.

Thank you to all our monitors for collecting phytoplankton samples!

Jasmine and Rosie

Kachemak Bay Research Reserve Phytoplankton Update

Qualitative Analysis Phytoplankton Data

INNER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
5/30/2021	Peterson Bay	5.5	30	<i>Heterocapsa</i>	Present	None	None
6/3/2021	Homer Harbor	9.3	28.5	<i>Chaetoceros</i> spp.	Present	Present	None

*Samples received after last weekly update

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
5/27/2021	Seldovia	7.2	29	Mixed Diatoms	None	Present	None
5/28/2021*	Sadie Cove	6	-	Mixed Diatoms	Present	Present	None

*Samples received after last weekly update

