

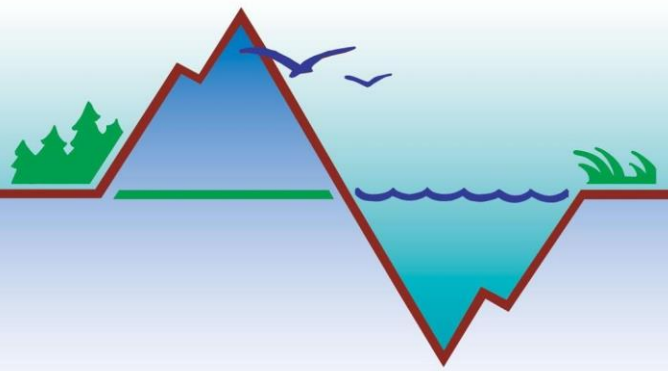
## Kachemak Bay Research Reserve Phytoplankton Update

June 18<sup>th</sup> – June 24<sup>th</sup>, 2021

Harmful Algal Bloom Program

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Hello Everyone,

This week Peterson Bay phytoplankton is again dominated by the dinoflagellate *Heterocapsa* sp.. while other inner bay sampling sites varied in phytoplankton diversity and abundance. The outer bay samples all had sparse phytoplankton this week.

Currently there is a **Harmful Algal Bloom Alert** for **Southeast, Kodiak, and the Aleutians**. The public service announcements are attached to the KBNERR Phytoplankton Weekly email for additional details. For more information on regional phytoplankton monitoring and wild shellfish toxin testing in those regions please visit the Alaska Harmful Algal Bloom Network website at <https://legacy.aos.org/alaska-hab-network/>

All commercially harvested shellfish are regulated by DEC and considered safe for consumption.

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
6/20/2021	Peterson Bay	8.3	29	Heterocapsa	None	None	None
6/21/2021	Peterson Bay CACS	13	31	Heterocapsa	Present	None	None
6/22/2021	Halibut Cove	11	28	Sparse Sample	None	None	None
6/23/2021	Homer Harbor	10.9	28.6	Mixed Diatoms	None	Present	None

## OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
6/5/2021	Nanwalek Beach	12	30	Sparse Sample	None	None	None
6/15/2021	Nanwalek Beach	12	30	Sparse Sample	None	Present	None
6/17/2021	Sadie Cove	10	16	Sparse Sample	Present	Present	None
6/18/2021	Tutka Bay	8.2	31.1	Sparse Sample	Present	Present	None



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