

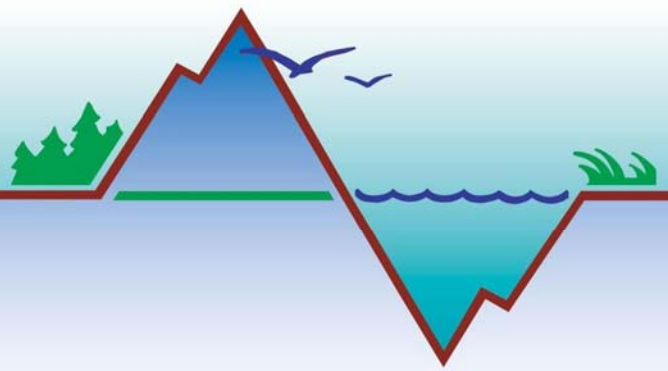
## Kachemak Bay Research Reserve Phytoplankton Update

September 3<sup>rd</sup> – September 9<sup>th</sup>, 2021

Harmful Algal Bloom Program

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Hello Everyone,

This week inner bay phytoplankton samples are sparse. This sparsity of phytoplankton in early September at inner Kachemak Bay sites has been consistently observed since 2018. Late September phytoplankton abundance and species composition has been less consistent during the same time. We shall see what the phytoplankton do this year and will keep you all informed with Weekly Updates through the end of September.

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 |
|----------|--------------|------------|----------|------------------|------------|------------------|-------------|
| 9/7/2021 | Peterson Bay | 12         | 29       | Sparse Sample    | Present    | None             | None        |
| 9/7/2021 | Homer Harbor | 11.6       | 27.6     | Sparse Sample    | Present    | None             | None        |
| 9/8/2021 | Halibut Cove | 12         | 28       | Sparse Sample    | None       | None             | None        |



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