

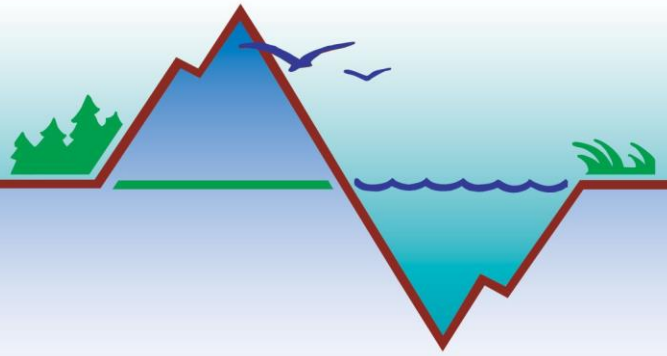
Kachemak Bay Research Reserve Phytoplankton Update

April 23rd – May 7th, 2020

Harmful Algal Bloom Program

Rosie Masui 907-235-1598 rmmasui@alaska.edu

Jasmine Maurer 907-235-4799 jmaurer@alaska.edu



Hello Everyone!

May is here and the phytoplankton have been abundant in many sub-bays over the past several weeks. During the first few days of May the phytoplankton in Homer Harbor were abundant with *Thalassiosira* sp. at bloom levels. Samples have also had many larvae from marine invertebrates including this larval form of a Polychaete species (segmented marine worm).



Image from <http://invert-embryo.blogspot.com>

We are excited to share that KBNERR's Harmful Species Program got the go ahead from UAA to carry out summer sampling! We will be modifying our sampling procedures, and locations to stay within all State mandates with the highest priority put on protecting community and staff health.

Resources for Monitors are available on our [website by clicking here](#). Thank you to all our monitors for your commitment and flexibility during this unusual spring.

As always please reach out with any questions. Note that all KBNERR staff are working remotely, email is the best method to reach us with your questions.

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
4/24/2020	Homer Harbor	5.9	28.6	<i>Thalassiosira</i> Bloom	None	None	None
4/24/2020	Glacier Spit	5.5	32	Mixed Diatoms	None	Present	None
4/30/2020	Halibut Cove	7	28	<i>Chaetoceros</i> & <i>Thalassiosira</i> Bloom	None	None	None
5/2/2020	Homer Harbor	6	29.7	<i>Thalassiosira</i> Bloom	None	Present	None
5/6/2020	Homer Harbor	7.5	28.5	Sparse Sample	None	Present	None
5/6/2020	Halibut Cove	6	27	<i>Thalassiosira</i> sp.	None	None	None

*Samples received after last weekly update

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
4/24/2020	Green Can		30	<i>Thalassiosira</i> Bloom	None	Present	None

Resurrection BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
4/26/2020	SMIC Dock		30.5	<i>Chaetoceros</i> sp.	None	None	None

