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Bivalve Monitoring at Weaverling Spit

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The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. A bright blue callout box is centered on the page, containing the title text in white. The box has a small triangular pointer at the bottom center.

Weaverling Spit Clam Surveying



When you arrive, there will be red flags (in lines called *transects*) indicating where you'll be digging

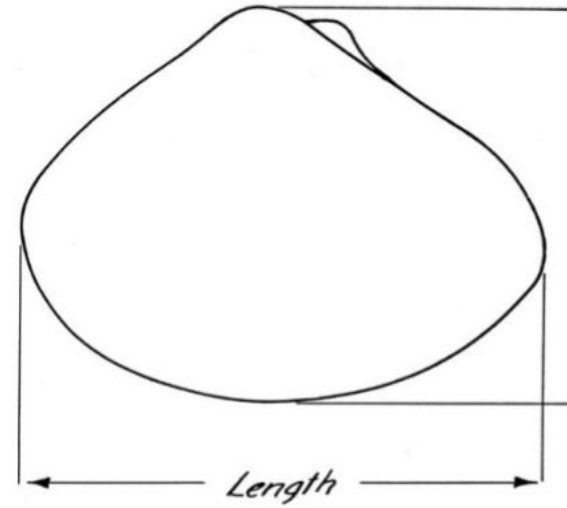
Using a 1 ft² ring, dig
one foot deep and
place everything on the
sorting board



Carefully
sort through
the
sediment
and set
aside the
clams you
find

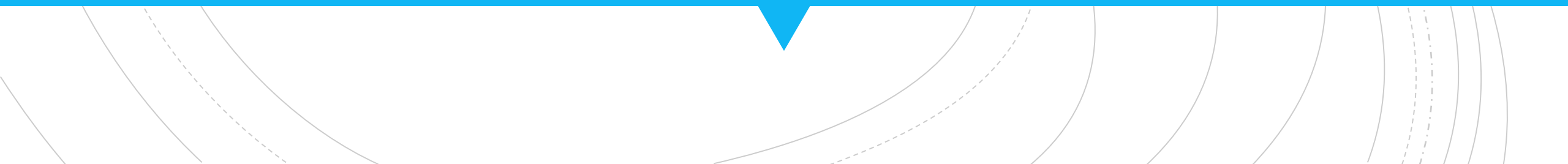
Pay careful attention to not miss the little ones! They can be really tiny, so don't rush and make sure you're being diligent. The small ones can also be harder to identify, so don't be afraid to ask if you aren't 100% sure.





Measuring

You'll be measuring the clams along their **longest axis** using plastic calipers. Make sure you're careful with your measurements and are as accurate as possible.



Eastern softshell



Manila



Native littleneck



Butter



Identifying

- There are 7 clam species you'll find at Weaverling Spit
- There's a training video for you to get comfortable with identifying. It's important to identify them correctly so if you aren't sure, for the love of clams, ask away!



Macoma



Purple varnish



Cockle

Data Sheet

Fidalgo Bay Clam Survey								
Date:			Time:			Tide Stage (for office entry)		
Names of Observers:								
Vegetation (circle one): Yes No								
Substrate (circle all that apply): Rocky Rocky-mud Rocky-sand Sandy-mud Sand Mud								
Transect, Hole #: Record what's on the flag, (i.e. 1.1, 1.2, etc.)								
SPECIES: In the correct Species column, please record the size of each clam in millimeters. If there are no clams, write NO CLAMS.								
Manila	Native Littleneck	Butter	Purple Varnish	ESS	Macoma	Cockle	Gaper	Notes

- This is an example of the data sheet you'll be filling out. You'll have one sheet for each hole you dig.
- Fill out completely (except tide stage) and accurately, and use neat handwriting so we can read it later!

All done?

Make sure your data sheet is completely filled out.
Then you'll replace the clams, fill the hole, and
move on to the next flag!



Thank you so much for
your help!

We couldn't do this without you, and can't
wait to get out there together!

Acidifying Water Takes Toll on Northwest Shellfish by EarthFix: <https://vimeo.com/54408927>

Samish Indian Nation Timeline: Since Time Immemorial [ArcGIS StoryMap]:
<https://www.samishtribe.nsn.us/who-we-are/timeline>

Our Future Climate in Samish Traditional Territory, by the Samish Indian Nation Department of Natural Resources: <https://storymaps.arcgis.com/stories/2aa409a8988e401088cd0658148a53e9>

Coast Salish Place Names of the San Juan Islands, by the Samish Indian Nation:
<https://storymaps.arcgis.com/stories/9b0f86b51e054ba78b83ab39c4d0b1a6>