

2024 Sampling Protocol for Samplers

Bivalves sampling:

1. **Make sure ziplock is dry** and label ziplock with:
 - date of collection
 - species collected (ID sheet included in packet)
 - location of collection
 - collector's name
2. **Shuck and drain** mussels/clams and place all soft tissue in the labeled ziplock.
3. Discard shells
 - If difficult cleaning, freeze first as this will allow shell to open.
4. **Seal** the bag.
 - One species per bag, per sampling event.
5. **Freeze**

Fish sampling (if fish is big enough to identify the organs):

1. **Identify** the fish species/kind
2. **Cut** along the belly of the fish, pull apart its body cavity, reach from near the head and gently pull the organs out.
3. **Separate** the heart, liver, digestive tract and gonads
4. **Scrape** out the kidney
5. **Cut** a piece of meat/muscle
6. **Place** each tissue on a different labeled ziplock
7. **Freeze**
 - **If sampling a forage or small fish, freeze it whole/entire**

Upon shipping:

1. **Fill out the Chain of Custody (COC)** (attached) Check PCOX (minimum 10g, 20g is best) or PST MBA analysis (shellfish samples are at least 100g).
2. **Send** a copy of the COC with the samples.

Shipping information:

Ship the samples via Alaska Airlines Gold Streak, ACE, Lake Clark Air, or something similar.

Address all sample shipping containers as follows:

**ADEC – EH Laboratory
5251 Dr. Martin Luther King Jr. Ave.
Anchorage, AK 99507-1293
KEEP FROZEN**

After shipping:

Email a copy of COC and shipping information (airline, flight#, ETA, and tracking#).

Contact information :
Jackie McConnell
jmccconnell@kniktribe.org

Collection Guide for Samplers



Blue mussel (*Mytilus trossulus*)



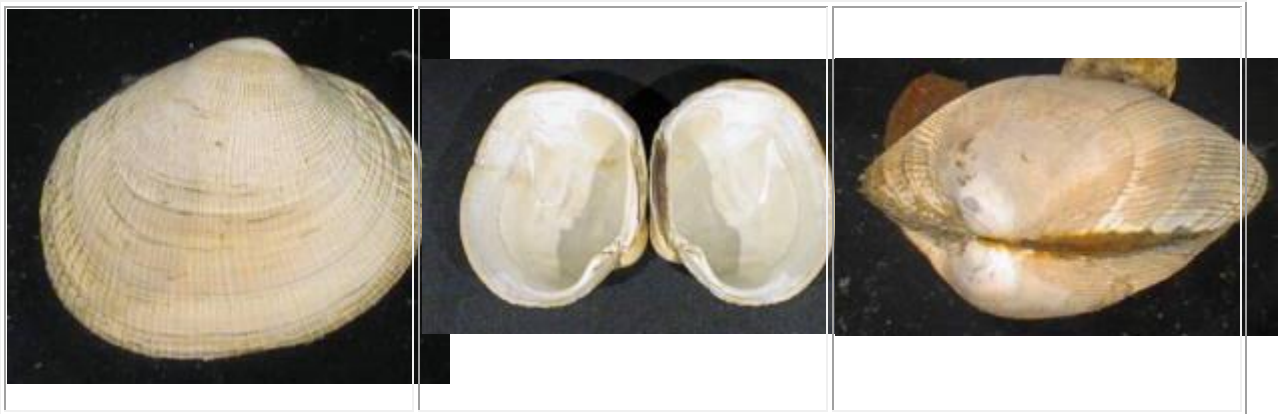
butter clam (*Saxidomus gigantea*)



Cockle (*Clinocardium nuttalli*)



Geoduck (*Panope abrupta*)



Littleneck clam (*Protothaca staminea*)



Razor clam (*Siliqua patula* and *Siliqua alta*)



Bay, pink or reddish scallop (*Chlamys rubida*)



Gumboot Chiton (bedarki) (*Cryptochiton stelleri*)



**Black Katy Chiton (bedarki)
(*Katharina tunicate*)**



Pacific Sand Lance (*Ammodytes hexapterus*)



Giant Pacific weathervane scallop (*Patinopecten caurinus*)



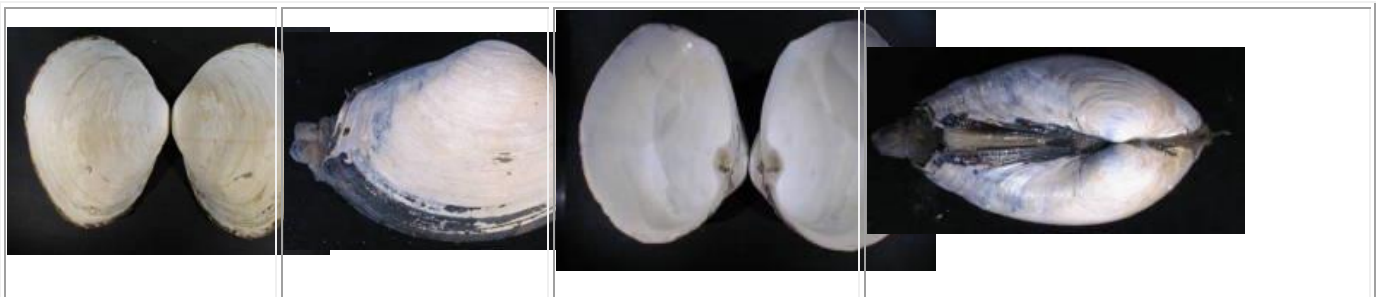
Rock scallop (*Crassidoma giganteum*)



surf clam (*Spisula polynyma*)



Softshell clam (*Mya arenaria*)



Horse clam, gapper clam (*Tresus capax*)