Dabob Field Work Protocol.

All volunteers who wish to travel in the SUV will meet at the SAFS building by 4:20 pm on Wednesday 1/29/14. We will **leave at 4:30** to travel to the Seattle-Bainbridge Ferry to catch the 5:30 ferry. Once in Bainbridge we will pick up Steven and head to Dabob Bay. We are aiming to reach Dabob by 7:30 pm.

Dabob

The tidal flat should be accessible by 8 pm and we will begin walking out to the site between 8-8:30pm. GPS coordinates for the sample site are as follows. 47.848137, -122.809425. I will have a GPS unit with me to find the site.

Estimated alive and tray (n=12) designations. “3” is the location # for Dabob. Numbers after Letter are designated tile numbers. Each tray has four tiles

**N**F(Fidalgo) = 208

3N1-4 = 53

3N5-8 = 63

3N9-12 = 53

3N13-16 = 82

**S**N(Oyster) = 250

3S1-4 = 79

3S5-8 = 94

3S9-12 = 68

3S13-16 = 59

**H**L(Dabob) = 309

3H1-4 = 78

3H5-8 = 94

3H9-12 = 106

3H13-16 = 90

Once we find the samples we everyone will take their provided gear with them and collect a tray to open and count. The processing procedure is as follows:

1. Snip off the zipties from three sides of the tray cover. leaving one side connected to the tray.
2. Search tray for all oysters. Jake will confirm tray number and assign ziploc bags.
3. Collect all dead oysters in provided ziploc bag.
4. Organize remaining live oysters on tiles.
5. Using clicker/counter count all remaining live oysters and write down count in notebook. Repeat 2 more times for accuracy
6. Roughly identify and count the number of associated animals in the trays (ie. Snails 4, Crabs 1, Shrimp 20+) If there are more than 10, write down 10+ and don’t count the remaining number of animals. If there are a lot more than 10+, incase it looks like there are 30 or more, write down 20+.
7. Remove all non oysters from the tray if possible.
8. Close mesh top.
9. Leave tray up from the water

We will plan on sampling 40 per population (10/tray) barring catastrophic loss.

Live samples from each tray will be collected in their own ziploc bag labelled with the representative Tile Number, LIVE, and amount of animals collected. A second label will be written on a piece of paper and slipped inside each bag.

In each tray we will place a sealed 15ml falcon tube (parafilmed) with waterproof tray label inside. - will also sketch out map location of trays.

Once completed with the processing procedure we will ziptie close all the trays with 4 zipties on each side and place them back under the rebar structures with a fresh hobologger.

The hobologger will be collected from the site. Live samples will be placed in an ice chest on ice.