

# Monitoring Sandy or Muddy Beaches

## Visual Frequency Transect Counts

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Team Members: \_\_\_\_\_

Site Name: \_\_\_\_\_ GPS Coordinates: \_\_\_\_\_

Circle Band Distance: 0m 10m 20m 30m 40m 50m Tidal Height: \_\_\_\_\_

### Atmospheric Data

Air Temperature: \_\_\_\_\_ Wind Direction: \_\_\_\_\_ Wind Speed: \_\_\_\_\_

% Cloud Cover: \_\_\_\_\_ Other Metadata: \_\_\_\_\_

### **Visual Counts Table** (*count # of holes or castings for italic, rest # quadrants*)

Quadrat at	<i>Lugworm</i>	<i>Fat Innkeeper</i>	<i>Soft-shell Clam</i>	<i>Razor Clam</i>	Other: _____	Baltic Macoma Clam	Attached Eelgrass	Green Algae	Red Algae
0m									
2m									
4m									
6m									
8m									
10m									
12m									
14m									
16m									
18m									
20m									
22m									
24m									
26m									
28m									
30m									
<b>Average</b>									

1 quadrat = 25 quadrants

Quadrat to % Coverage Conversion: # quadrants = % coverage

1 = 4%

2 = 8% ect....

© Center for Alaskan Coastal Studies

2005