

# Eelgrass Field Data Sheet

## Background

Location: .....

Date: ..... (dd/mm/yr)

Primary Field Surveyor: .....

Crew: .....  
 .....

Time start:..... Time finish: .....

Tide height start: ..... Tide height finish: .....

Level of Survey: ..... Tidal range of eelgrass bed (subtidal, intertidal, both):.....

Platform used to survey eelgrass bed (shore, boat, dive, video): .....

Reference used to determine tide height: .....

Reference map type:.....

Reference map name or number:.....

Reference map scale:.....

Geographic (Lat./Long.) or Projection:.....

Specifics of Projection (UTM, Albers, etc. including zone and other details):.....

Method and Level of accuracy to which bed was mapped (circle one)

Code	Map Accuracy
1	Location measured using GPS (see GPS model and accuracy fields)
2	Location generalized from DFO log book lat/long positions
3	Location indicated to 2 mm at chart scale
4	Alongshore location indicated to 2mm at chart scale; across shore accuracy unknown
5	General location only; rough sketch on chart or place name (5 mm at chart scale)
6	Tied to shoreunit or other shoreline segment
7	Tied to DFO Statistical Subarea
8	Tied to DFO Statistical Area
9	Alongshore location indicated to 5 mm at chart scale, across shore accuracy unknown
10	Vague location only (1-2 cm at chart scale)

Method used to georeference (GPS/hardcopy map/orthophoto/airphoto): .....

Make and Model of GPS (if one was used):.....

Comments specific to the eelgrass bed (health, adjacent backshore land use, backshore structures, possible threats)

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**1. Overview of Intertidal Habitat:**

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Form            Fringing    ◦    Flat        ◦

Distribution   Continuous ◦    Patchy    ◦

**Percent Cover of intertidal eelgrass**

Primary	1 to 10% .....	Secondary	1 to 10% .....	Tertiary	1 to 10% .....
	11 to 25 .....	(optional)	11 to 25% .....	(optional)	11 to 25% .....
	26 to 50% .....		26 to 50% .....		26 to 50% .....
	51 to 75% .....		51 to 75% .....		51 to 75% .....
	> 75% .....		> 75% .....		> 75% .....

**Substrate Type**

Primary	mud .....	Secondary	mud .....	Tertiary	mud .....
	mud/sand .....	(optional)	mud/sand .....	(optional)	mud/sand .....
	sand .....		sand .....		sand .....
	gravel .....		gravel .....		gravel .....
	cobble .....		cobble .....		cobble .....
	boulder .....		boulder .....		boulder .....
	bedrock .....		bedrock .....		bedrock .....

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**2. and 3.**

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These sections do not apply to the current mapping and monitoring exercise in Semiahmoo Bay.

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**4. Distribution, Density, and LAI: Levels 3 and 4**

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Distribution    Continuous ..... - *proceed to Section 4A*  
                    Patchy        .....- *proceed to Section 4B*

**4A. Continuous Eelgrass – complete one form for each zone**

Number of Zones: .....

Zone #:			
length of transect:		# of quadrats sampled:	
#/0.25m <sup>2</sup>		sample leaf	
total	reproductive	length	width
Σ (total)			
_ (Σ ÷ 30)			

**4B. Patchy Eelgrass – complete one form for each zone**

Number of Zones:.....

Direction of Transect (e.g. 0m at north end):.....

Zone #: .....

Distance across eelgrass patch (e.g. 2.4m)	# shoots / 0.25m <sup>2</sup>	Distance to next eelgrass patch	leaf length	leaf width
Σ (total)				
_ (Σ ÷ 30)				