



# 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: \_\_\_\_\_ Tide range of eelgrass bed (subtidal, intertidal, both): \_\_\_\_\_

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

Reference 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	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



# EELGRASS BED DATA ENTRY FORM

1. Overview of intertidal habitat: All Levels
2. Overview of subtidal habitats: Levels 3 and 4

<b>Form</b>	<input type="checkbox"/> Fringing <input type="checkbox"/> Flat <input type="checkbox"/> Channel				
<b>Distribution</b>	<input type="checkbox"/> Continuous <input type="checkbox"/> Patchy				
<b>Location</b>	<input type="checkbox"/> Intertidal <input type="checkbox"/> Subtidal				
<b>Percent cover of eelgrass (circle)</b>					
<b>Primary</b>	1 to 10%	<b>Secondary</b>	0%	<b>Tertiary</b>	0%
	11 to 25%		1 to 10%		1 to 10%
	26 to 50%		11 to 25%		11 to 25%
	51 to 75%		26 to 50%		26 to 50%
	> 75%		51 to 75%		
<b>Area occupied by: (circle)</b>					
<b>Primary</b>	1 to 10%	<b>Secondary (optional)</b>	1 to 10%	<b>Tertiary (optional)</b>	1 to 10%
	11 to 25%		11 to 25%		11 to 25%
	26 to 50%		26 to 50%		26 to 50%
	51 to 75%		51 to 75%		51 to 75%
<b>Substrate type: (circle)</b>					
<b>Primary</b>	mud	<b>Secondary (optional)</b>	mud	<b>Tertiary (optional)</b>	mud
	mud/sand		mud/sand		mud/sand
	sand		sand		sand
	gravel		gravel		gravel
	cobble		cobble		cobble
	boulder		boulder		boulder
	bedrock		bedrock		bedrock
	shell hash		shell hash		shell hash
	unknown				
<b>Area occupied by: (circle)</b>					
<b>Primary</b>	1 to 10%	<b>Secondary (optional)</b>	1 to 10%	<b>Tertiary (optional)</b>	1 to 10%
	11 to 25%		11 to 25%		11 to 25%
	26 to 50%		26 to 50%		26 to 50%
	51 to 75%		51 to 75%		
	> 75%				





4. Leaf Area Index (LAI): Levels 2, 3, and 4

Sample	Length	Width
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		
21.		
22.		
23.		
24.		
25.		
26.		
27.		
28.		
29.		
30.		
$\Sigma$ (total)		
$\xi$ ( $\Sigma \div 30$ )		

Mean leaf length ( $\xi$ ): \_\_\_\_\_ Mean leaf width ( $\xi$ ): \_\_\_\_\_

Leaf Area Index (mean leaf length x mean leaf width x mean shoot density): \_\_\_\_\_



### 5. Depth: Levels 3 and 4

#### Method used to determine minimum and maximum depth

(diver with depth gauge, diver with boat and metre tape or rod, survey rod without diver, other – explain)

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Time measurement was taken: \_\_\_\_\_

Minimum depth reading

(metres e.g. 8.2 m): \_\_\_\_\_

Tide height at this time: \_\_\_\_\_

Actual depth: \_\_\_\_\_

Maximum depth reading: \_\_\_\_\_

Tide height at this time: \_\_\_\_\_

Actual depth: \_\_\_\_\_

### 6. Turbidity: Level 4

Turbidity (Secchi depth reading): \_\_\_\_\_

Time that reading was taken: \_\_\_\_\_

### 7. Salinity, Total Suspended Solids, Chlorophyll A: Level 4

Salinity: \_\_\_\_\_

Total Suspended Solids: \_\_\_\_\_

Chlorophyll A: \_\_\_\_\_

Time and date that samples were collected: \_\_\_\_\_