

Date:30AUG02  
(dd-mon-yy)

Location:Gilroy's Lagoon Sight/Scan Record ID:N/A  
(yy-julianday-sighting#scan#)

## SEAGRASS/HABITAT SAMPLING

Sample ID: 02-242-GILASI EW Team: 02-9  
(yy-julianday-location code) (yy-team#)

Data Recorded By: 30AUG02

### LOCATION DATA

LOC. CODE: GILASI

WAYPOINT: 321

LOCATION NAME: Gilroy's Lagoon

VECTOR TO SAMPLE PLOT:

DEPTH AT CENTER OF PLOT:

DEPTH AT NORTH: SOUTH: EAST: WEST:

Habitat Type: Circle the habitat characteristics of the scan point, NOT where the manatee is! Grass type should be underlined for every scan point. Resting hole within 100m: **yes no unknown**

Inside Bogues/Outside Bogues/Reef Channel/Channel edge/Dead-end Bogue/Lagoon/Grassflat  
Mud/SMud/MSand/Sand/Coral/Unknown Turtle/Shoal/Manatee/Mixed/None/Other/Unknown

### PHYSICAL DATA

**SECCHI READINGS** (vertical secchi – take from center of boat. horizontal secchi – take from bow (.5 meter) below the surface; secchi disk should face the sun.)

Name (volunteer who took the data)	Horiz	Vertical	Depth	Comments
Pam	N/A	7.25	7.25	

H2O Temp Surface	H2O Temp Bottom	Salinity Surface	Salinity Bottom	Sea State	Swell Height
30.4	30.5	35	35	0	0

**Sediment Type** (circle sediment type based on biomass cores): mud -- sand/coral -- mix -- other

Comments and other description: mud and a little bit of sand

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## BIOLOGICAL DATA

**BIOMASS CORES:** (Enter zero if core would be empty, enter yes if core was taken, enter N/A if not taken. Take cores from the "a" corner of the small (density) quadrats. If you enter zero, a biomass datasheet must be filled out!!!)

**N: yes S: yes E: yes W: yes**

## DENSITY COUNTS

### 4 samples:

See plot design for sample layout.

**At least 2 Replicas:** If possible, each replica should be taken by the same person. Please make comments about person who took data. ie - intern, volunteer etc.)

Replica 1: Name (volunteer who took the data): \_\_\_\_\_

<u>A quarter</u>	<u>B quarter</u>	<u>C quarter</u>	<u>D quarter</u>	<u>Total</u>
N: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
S: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
E: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
W: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M

Replica 2: Name (volunteer who took the data): \_\_\_\_\_

<u>A quarter</u>	<u>B quarter</u>	<u>C quarter</u>	<u>D quarter</u>	<u>Total</u>
N: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
S: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
E: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
W: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M

Replica 3: Name (volunteer who took the data): \_\_\_\_\_

<u>A quarter</u>	<u>B quarter</u>	<u>C quarter</u>	<u>D quarter</u>	<u>Total</u>
N: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
S: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
E: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
W: T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M

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**PERCENT COVER (1 x 1 m QUADRAT)**

4 samples N,S,E,W: See plot design for sample layout. Each quadrat will be rolled 5 times.

Replica 1: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample N (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	
2	
3	
4	
5	
Grand Total	

Replica 1: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample S (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	
2	
3	
4	
5	
Grand Total	

Replica 1: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample E (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	
2	
3	
4	
5	
Grand Total	

Replica 1: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample W (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	
2	
3	
4	
5	
Grand Total	

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Replica 2: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample N (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	_____
2	_____
3	_____
4	_____
5	_____
Grand Total	_____

Replica 2: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample S (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	_____
2	_____
3	_____
4	_____
5	_____
Grand Total	_____

Replica 2: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample E (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	_____
2	_____
3	_____
4	_____
5	_____
Grand Total	_____

Replica 2: Name (volunteer who took the data): \_\_\_\_\_

<u>Sample W (grand total is entered into database) (rows 1-10)</u>	<u>Total</u>
1	_____
2	_____
3	_____
4	_____
5	_____
Grand Total	_____