

Channel Islands Live BWET Project LiMPETS Rocky Intertidal Field Observation Form

Observer Name: _____

Observer Affiliation: _____

Date of Observation: _____

School Name _____

Number of Students: _____ Grade Level: _____

Teacher Name(s) _____

Volunteer Information

Name (Yes/No)	Affiliation	LiMPETS Trained
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Island Packer's Information (IP)

IP On Shore Crew

Name (Yes/No)	LiMPETS Trained
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Marine Mammal Sightings: List species and approximate number for each sighting.

Outbound:

Inbound:

Monitoring Site Observations

Site Name: _____

Arrival Time: _____ Departure Time: _____

Describe site access: Tidal conditions, access to monitoring site, general site access, etc.

Protocol One: Random Quadrates

Who was in charge of managing the site equipment set up? (Transect lines and Quadrats)

Did students participate in the site set up? Yes / No

If yes, at what level did they participate?

- Did most of the work -- minimal help from teacher/volunteer
- Did some of the work - had some help from teacher/volunteer
- Did minimal work - most set up done by teacher volunteer

If no, what was the reason that students did not participate in the site set up?

How much time did it take to set up the site for monitoring?

Were student monitoring teams determined before arriving at the monitoring site? Yes / No. If No, why not?

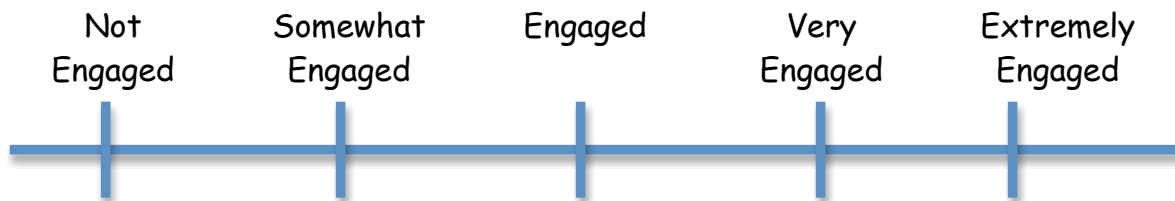
Were random numbers for quadrat placement chosen before arriving at the monitoring site? Yes / No. If no, why not?

Protocol One: Random Quadrates, continued....

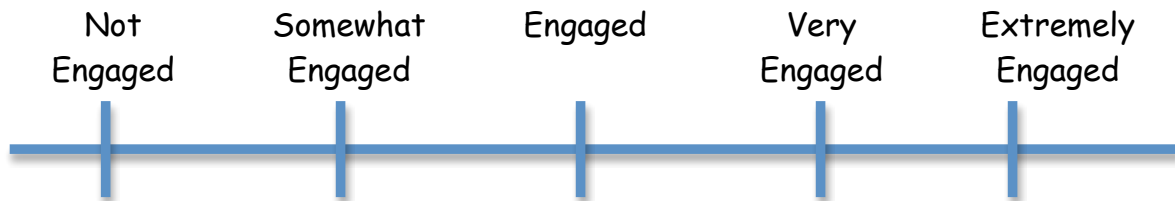
Describe any issues encountered during site set up.

Spend 5-6 minuets watching all groups at the monitoring site and then complete the following questions based on your observations.

How would you rate overall **student** engagement in the monitoring process?



How would you rate overall **volunteer** engagement in the monitoring process?



Are all groups equally engaged in the monitoring process?

Yes / No / Somewhat Describe:

Does gender play a roll in engagement or do you see equal levels of engagement / non-engagement for both girls and boys?

Protocol One: Random Quadrates, continued....

*Closely observe **one** group that appears to be **very/extremely engaged** in the process and answer the following questions:*

What is the number and gender make up of the group?

Are all members of the group equally engaged? Yes / No / Somewhat
If No or Somewhat please describe.

Are students able to readily identify protocol species? Yes / No / Somewhat
If No or Somewhat please describe.

*Closely observe **one** group that appears to be **not/somewhat engaged** in the process and answer the following questions:*

What is the number and gender make up of the group?

Are all members of the group equally disengaged? Yes / No / Somewhat
If No or Somewhat please describe.

Are students struggling to identify protocol species? Yes / No / Somewhat
If Yes or Somewhat please describe.

Additional Observations:

Protocol Two: Total Organism Count

Was a total organism count performed? Yes / No
If No, describe why not.

If yes please answer the following questions

Did all student groups participated in the Total Organism count? Yes / No
If No, how many groups participated?
How were participating groups chosen?

Did student groups cover the complete site?

Protocol Three: Size Measurements

Was the Size Measurement protocol performed? Yes / No
If No, describe why not.

If yes please answer the following questions

Did all student groups participated in the Size Measurement protocol? Yes /
No
If No, how many groups participated?
How were participating groups chosen?

Did student groups cover the complete site?

Summary Observations:

Do the field data sheets support student collection of data?

Yes / No / Somewhat

Please describe specific positives or negatives observed specifically related to the data collection sheets.

Protocol One data sheets:

Protocol Two Data sheets:

Protocol Three Data Sheets:

Please describe your overall impression of the monitoring process. What worked, what didn't, why?