

**EYES ON SEAGRASS MONITORING CHECKLIST**

*Before you head out*

**Has each team member submitted a signed liability waiver and photo release?**

*If not* *take a photo and email or text to Kate or Jodie prior to going out. Submit the hard copy with the datasheet.*

**Personal Equipment**

* Sun Protection
* Water or another source of hydration
* Bug Spray
* Ice
* GPS/Phone Capable of Capturing GPS
* Towel

**Sampling Gear**

* Insulated Lunch Bag
* Dive Flag
* Transect line with carabiner on either end
* Quadrat (White Square made of PVC)
* Depth pole (PVC length with markings)
* Weights (a bundle of two and a single weight)
* Mesh bag
* Ziplock sample bags (pre-labeling optional)
* Sharpie
* Zipties
* Spring scale
* Secchi disk (black and white plate-sized disk)

The Datasheet and Instructions included are on waterproof paper. Although, you are welcome to print additional copies.

* Clipboard
* Pencils
* Laminated Field Guides
* Datasheets
* Instructions

**Contacts**

Kate Rose Jodie York

Office: (941) 764-4346 Office: (941) 764-4349

Cell: (941) 204-7346 Cell: (207) 233-3818

kate.rose0210@ufl.edu jodie.york@ufl.edu



**EYES ON SEAGRASS MONITORING CHECKLIST**

*In the field*

**Deploying the transect**

*Is your transect perpendicular to shore?*

**Procedure for each quadrat (when you set down the PVC square)**

* Measure depth (using PVC pole)
* Select sediment type
* Record macroalgae % cover
* Record Total seagrass % cover
* Estimate % Contribution of each seagrass species
* Estimate epibiont density and type
* Measure 3 blade heights for each species present

At the 20 m quadrat…

* Collect algae at this quadrat only

**At each site (each time you unravel the transect tape) you should:**

Before getting in…

* Record your site number on the datasheet
* Record the date and time
* Record the GPS coordinates at one end of your transect (even if you are at your assigned site)

After getting out…

* Spin the water out of the algae (using the mesh bag)
* Remove non-algae items and weigh
* Label Ziplock collection bag with waterbody (Lemon Bay or Charlotte Harbor), site number, date, and time
* Measure the Secchi Depth

*Equipment Required*

* PVC Depth Pole
* Quadrat (PVC square)
* Ruler
* Datasheet
* Pencil
* Clipboard

*Equipment Required*

* Mesh bag
* Gloves (optional but recommended)

*Equipment Required*

* Datasheet
* Pencil
* Clipboard
* GPS or phone capable of capturing GPS

*Equipment Required*

* Mesh bag
* Spring scale
* Ziplock bag
* Sharpie
* Towel (sharpies don’t write on wet surfaces)
* Secchi disk
* Transect tape & carabiner