



Water Quality Monitoring Checklist

In order to accurately and safely collect water quality data for Galveston Bay Foundation's Water Monitoring Team you will need to have the items listed below. Some items are provided by GBF (as indicated) and others you will need to purchase and have on hand. All items are **required** unless otherwise noted.

Core Parameters:

- Water Monitoring kit (provided by GBF)
 - Check expiration dates and quantity of reagents (new reagents provided by GBF)
- GBF laminated field guide (provided by GBF)
- TST monitoring manual (provided by GBF)
- Clipboard
- Data sheet
- White bucket with a rope tied on for collecting the bucket grab sample (2 gallon buckets can be purchased at home improvement stores – GBF has used Lowes)
- Waste container and lid (something for your chemical waste and rinse water)
- Spray bottle
- Distilled water for rinsing equipment (goes into spray bottle. 1 gallon at a grocery store is about \$1)
- Clear safety glasses
 - Not necessary if you wear glasses
 - No sunglasses – they interfere with determining colors
- Rubber gloves (long kitchen/cleaning gloves work well, or nitrile examination type – nitrile gloves on Amazon are exponentially cheaper than those you can buy in person at a drug store)
- Watch/stopwatch/cell phone
- Pen/pencil, permanent marker
- Paperclip or string (for hanging thermometer)
- Metric measuring tape
- *Towel (optional, but extremely handy)*
- *Folding table (optional, very handy at some sites)*

Bacteria Sampling:

- GBF laminated field guide (provided by GBF)
- Whirl-Pak (provided by GBF)
- Pen/permanent marker
- Rubbing alcohol (isopropyl alcohol - 70% is enough)
- Beaker (provided by GBF)
- Cooler (provided by GBF)
- Ice or ice packs
- Chain of Custody form