AAS Monitoring Materials Checklist

* Please refer to the Equipment Purchasing Information page for more information.

All Monitoring Programs

☐ Pens/pencils
☐ Appropriate monitoring datasheet
☐ Clear container or Whirl-pak® bag
☐ Clip board (if available)
☐ Trash bag
☐ “Who to Call” list (found on the AAS website)
☐ First Aid Kit
☐ Waders, boots, or old tennis shoes

Watershed Assessment

☐ Extra copies of the Watershed Survey data forms
☐ Printed copy of delineated watershed (if desired)

Visual Monitoring

☐ Orange (fruit), ping pong ball, or other buoyant object
☐ Tape
☐ Tape measure
☐ Measuring stick
☐ Twine
☐ Line level
☐ Pebble sizer
☐ Calculator

Chemical Monitoring

☐ Chemical testing kit* for appropriate parameters
☐ Sampling instructions
☐ Waste jugs
☐ Rubber gloves
☐ safety glasses
☐ Conductivity Meters* & Calibration Solution* (Stream and Lake monitoring)
☐ Refractometers* & Calibration Solution*/Distilled Water (Coastal monitoring)
☐ Secchi Disks* (Lake and Coastal monitoring)
☐ Bucket with rope (if sampling from a bridge or in deeper water)
Macroinvertebrate Monitoring

- Aquatic Macroinvertebrate Field Guide for Georgia’s Streams (on the AAS website)
- D-Frame* and/ or Kick Seine Nets*
- Spoons, forceps
- Petri dishes, sorting pans, ice trays, and/ or bucket(s)
- Hand lenses (optional)
- Pitcher or jug
- Rubber gloves (optional)

Bacterial Monitoring

- Whirl-pak® bags*
- Permanent marker
- Distilled water
- Gloves
- Cooler with ice
- 3M Petrifilm™ plates*
- Pipettors*
- Pipette tips*
- Plastic cups
- Incubator with digital thermometer*
- Disinfectant
- Calculator

Amphibian Monitoring

Initial set-up
- Twelve 3ft long, 2in diameter PVC pipes* (schedule 40)
- Rubber mallet*
- Twelve 1ft², 1in thick wooden boards with handle (untreated wood only)
- Sod staples*

Regular monitoring
- Ziplock bags
- 4ft dowel with sponge attached to the end (do not use an antibacterial sponge)