

## Checklist of Field Sampling Equipment and Supplies

- Sampling vessel
  - Boat, motor, trailer, oars
  - Fuel supply (primary and auxiliary supply)
  - Spare parts repair kit
  - Life preservers / personal floatation devices
  - First aid kit (including emergency phone numbers of local hospitals, family contacts for each member of the sampling team)
  - Automated external defibrillator (AED) for electroshocking boats
  - Nautical charts of sampling site locations and GPS
- Appropriate collection equipment
  - Electrofishing equipment - variable voltage pulsator unit, generator, electrodes, wiring cables, dip nets, protective gloves, protective boots, and all necessary safety equipment
  - Nets - trawls, seines, gill nets, fyke nets, trammel nets, hoop nets, pound nets, trap nets
  - Angling equipment - fishing rods, reels, line, terminal tackle, trot lines
- Recordkeeping/documentation supplies
  - Field logbook, laptop, or tablet
  - Sample request forms
  - Specimen identification labels
  - Chain-of-Custody (COC) Forms and COC tags or labels
  - Indelible pens
  - Scientific collection permit if applicable
  - Clipboard
  - Fish ID keys
- Sample processing equipment and supplies
  - Holding trays
  - Live well or buckets
  - Fish measuring board (metric units)
  - Calipers (metric units)
  - Shucking knife
  - Scale or balance to weigh specimens for estimating tissue weight (metric units)
  - Clean nitrile gloves
  - Aluminum foil (extra heavy duty) (EPA uses solvent-rinsed aluminum foil in the National Aquatic Resource Surveys)
  - Clear packing tape

- Several sizes of plastic bags for holding individual or composite samples
- Resealable watertight plastic bags for storage of Field Records, COC Forms, and sample preservation and shipping supplies
- Ice (wet ice, blue ice packets, or dry ice)
- Ice chests
- Filament-reinforced tape to seal ice chests for transport to the central processing laboratory