

Appendix VII. List of Sampling Equipment and Supplies

Documents	Histology Sample Processing
Collection Permits	Seawater buffered formalin (Z-Fix, 1X aliquoted)
Travel Documents	50 cc Falcon tubes & 4ml cryotubes
	4% glutaraldehyde-2% formalin in seawater (TEM)
Surveillance & Ecological Data Collection	Sterile seawater (for fixative dilution)
Underwater digital camera still and video	Cooler & ice packs for glutaraldehyde fix
Datasheets, pencil and clip board	
Floating chains weighted	Contaminant Chemistry Sampling
GPS	Nitrile gloves, assorted sizes
Scale bar and identifier board for photos	Sediment jars (250-500cc) pre-cleaned EPA standard
Scooter and batteries	Teflon bags w/ sealing clips
Slates	Aluminum foil acetone-pre-cleaned
Tape measures	Stainless steel coring tube, acetone cleaned
Tags e.g. cattle tags	
Biological Sampling	On Board General Supplies
Dive slates	Utility knife
Data sheets and pencil	Scissors
Camera	Permanent marking pens & pencils
Mesh dive bags	Rubber bands
Tissue Collection	String
Film canisters or 50cc tubes for tissue	Clipboards
Nitrile gloves (S-XL)	Batteries for cameras and GPS
Stainless steel coring tubes (for boulder corals)	Whirl-Pak™ or Ziplock™ bags qt and gallon sizes
Clay- Roma Plastalina #2 Rex Art Miami, FL	Plastic cable ties, assorted sizes
Clippers, curved blade (for branching corals)	Clear tape
Hammer	Labeling tape
Chisel (small)	Waterproof paper
Mucus Collection	Fishing weights
Syringes with caps – 3cc, 5cc or 10cc	Kimwipes™ large and small
15cc Falcon tubes for sediment as background	Bounty™ paper towels (or other lint free brand)
15cc Falcon tubes for water column	Plastic garbage bags
DNA swabs - Epicenter	Bleach
On board Sample Preservation & Processing	Equipment for Refurbishing Collection Tools
Cryoshippers	Angle grinder – 4.5 inch e.g. Dewalt 402K
Marine coolers & ice packs	Grinding wheels – assorted
2ml and 4 ml cryovials	Cutoff wheels (min. 6) and adapter for attaching
Aluminum foil (tissue packaging)	Safety goggles
Labels – waterproof and cryogenic	Leather gloves for sharpening cores
	Angle file
Sample Processing Equipment	Round file
Portable vacuum pump	
Tubing, stoppers, side-arm flask (trap)	
Disposable sterile vacuum filter units w/bottle	