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| Chemical Sample Collection:  RID stickers (including extras)   Cubitainers (quarts, gallons)   *E. coli* bottles   Cartridge filters (10 μm and 0.45 μm)   Silicon tubing   Geopump   Container of DI water (for blanks)   Nitric and Sulfuric acid   Disposable pipets   Coolers (and ice)   Sharpie marker Habitat/Flow:  Pencils   Backpack for carrying equipment   GPS unit (decimal degrees preferable)   2 measuring tapes (with standard and metric units)   Telescoping surveyor’s rod (metric units)   Survey flags (labeled A-E with sharpie)   Flagging tape   2 metric rulers   Densiometer modified with taped “V”   Clinometer   Range finder   Flow meter (including charging cord)   Wading rod (decimal standard units)   Bank pins   Hammer  ***E. coli* (if processing in the field)**   IDEXX Quanti-Trays   IDEXX Colilert (18-hr and 24-hr)   Sealer, including rubber tray and cord   Incubator   Deep Cycle Battery   AC/DC Inverter   DC Cable   DC/AC Inverter   DC/DC Connector   Black Light  **General:**   Site list/directions/access authorization documents   Maps   Clipboard   Vehicle kit (including shovel and flashlight)   First aid kit   Toolbox   Extra batteries (AA, C, D)   Cell phone   Digital camera   Calculator   Timepiece   NMED ID and business cards   Defensive Driving Certificate   Trash Bags | Sondes:  2 calibrated multi-parameter sondes   Sponges   Smartphone or tablet with VuSitu software  **Field Forms (per site):**   Stream/River Field Data Form (1 per site; printed on rain proof paper or contained on field tablet)   Physical Habitat Field Forms (6 per site; printed on rain proof paper)   Hydrology protocol field sheets   SLD submittal forms (if submitting directly to lab)  **Benthic Macroinvertebrates:**   D-frame kicknet (30 cm wide, 500 μm mesh)   Bucket   Sieve (500 μm mesh size)   Forceps   Sample containers (500-1000 mL)   95% ethanol (EtOH)   Container labels (labeled with alcohol-proof pen and/or pencil)  **Reference materials:**   Refer to the following SOP’s for field procedures:  •SWQB SOP 5.0 (Physical Habitat)  •SWQB SOP 6.2 (Sonde Deployment)  •SWQB SOP 7.0 (Flow)  •SWQB SOP 8.2 (Chemical Sampling)  •SWQB SOP 9.1 (Bacteriological Sampling)  •SWQB SOP 11.1 (Benthic Macroinvertebrates)  **Personal Gear:**   Boots/waders/wading shoes   Hat/sun protection   Sunglasses   Rain gear   Clothing layers   Sunscreen   Insect repellant   Water bottle   Packed lunch/snacks  **Notes:** |