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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 markerHabitat/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:** |