**Sikuliaq Fall 2024 Cruise**

*eDNA filtering -10 m, 30 m, and bottom (only modify mid-depth for sites >100 m)*

*12-16 dive targets, 3 niskins per dive, 1 filter per niskin (48 samples in total)*

*Negative Control = START, MID, END*

*Sample Numbers = E2187 and beyond*

*PPS Units - 24 samples, 2 units (plus two negative controls)*

*Stevezy = E1877.NC, E1878-E1901*

*Ned = E1902.NC, E1903-E1926*

**Blue Cooler**

1 L Nalgenes bottles filled with RO (Quantity: 6)

1 L brown Nalgene bottles (Quantity: 16)

Table bench cloth

**Blue Cooler**

Bottle for bleach (filled + parafilm)

1 L brown Nalgene bottles (Quantity: 22)

**Small Action Packer (eDNA)**

Gloves (2 S box & 1 M box)

Bungees

Kim wipes (1 box)

Aluminum foil (1 box)

Paper towels (1 roll)

Pump accessory bag (charger, etc.)

Ziplock bags (Box of 25)

Bottle for ethanol (sterilized)

60 sterivex filters (4 boxes)

200 caps (2 box)

P1000 tips(3 boxes + tip holder)

1 L brown Nalgene bottles (Quantity: 12)

Clipboard + Data Sheet

Return Hazmat Stickers

*Tupperware Storage Box*

Writing utensils and labeling supplies

Razor blades

Scissors

Reusable zipties

P1000 pipette

Whirlpacks (Quantity: 60)

Trash bags

Sterile, female luer to ¼” barb connector (50)

Tube rack

**Small Action Packer (PPS Priming and Recovery)**

Zip ties (small)

Forceps/tweezers

Techni ice

Binder clips (45)

Parafilm

Pre-labeled plastic bags for sample recovery

Sterilized Jug with RO (label for 12% EtOH)

Batteries (30 New Batteries) + Priming Batteries

Instruction Manual

Tool kit + Communications Cable

Replacement tubing and manifolds

Extra filters

Sterilized priming tubing

Deer fencing for one units

Container of bleach

Hazmat

95% molecular grade ethanol (1, 500 ml bottles)

95% molecular grade ethanol (4 x 50 mL falcon tubes)

95-96% ethanol for PPS (3 L)

Stand-alone Items

Buckets (2)

Sterilized bucket with tubing (Quantity: 24)

Charged peristaltic pump

AMBON Supplies for Katrin

120 sterivex filters (8 boxes)

800 end caps(8 boxes)