**RC Alaska OA Cruise 2022**

*eDNA filtering -* Sample Numbers **E1451** to **E1635**

*30-60 dive targets, 3 niskins per dive, 1 filter per niskin (90-180 samples in total)*

*Negative Control = START, 50, 100, 150, END*

**Ready-to-Use Crate**

Gloves (1 S box, 1 M box)

Aluminum foil (1 box)

Paper towels (1 roll)

Clipboard with Rite-N-Rain Paper

Sterivex filters (~4 boxes)

End Caps (1 full box)

P1000 pipette and tips (2 boxes)

Writing utensils, labeling supplies, safety goggles, razor blades (in plastic bag)

Tube rack

Female luer barbs and pliers

Table bench cloth

Notebook

Ziplock Bags (Handful)

Bottle for RO water (sterilized + filled)

Kimwipes

Whirlpaks (100)

**Tupperware Storage Box**

Bottle for ethanol (filled)

Bottle for 10% bleach (filled) - prelabeled measurement if refill required

**Action Packer**

Gloves (1 M boxes, 1 L box)

Excess Table bench cloth

More sterivex filters (9 boxes)

More end caps (2 full boxes)

P1000 tips (2 refill boxes)

Zip ties (small)

Small Notebook

Ziplock bags (Excess, Box of 60)

Trash bags

Lab coat

Parafilm

Kimwipes

Whirlpaks (100)

Filled RO carboy (1)

**Plastic Storage Bin**

1 L brown Nalgene bottles (Quantity: 20)

50 mL falcon tubes (25)

Pump accessory bag (charger, etc.)

Additional Bucket Lid

**Blue Cooler**

1 L brown Nalgene bottles (Quantity: 10)

1 L brown Nalgenes bottles filled with RO (Quantity: 5)

Techni ice for sample storage

**Miscellaneous Extras**

Bucket with Sterile Tubing (Quantity: 35)

Buckets (3) - stacked under bucket with sterile tubing

Bleach (1 gallons) - shoved under sink in wet lab

Filled RO carboy (1) - located on top shelf in laundry room

Peristaltic pump

Caulk Gun

**Flammables Cabinet**

95% ethanol (1, 500 ml)

95% ethanol (10 x 50 mL tubes)