**NaGISA Water Analysis**

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| **GPS** |
| **Q1** |
| **Q2** |
| **Q3** |
| **Q4** |
| **Q5** |

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| **LaMotte Dissolved Oxygen** |
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| **CHEMets Dissolved Oxygen** |
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| **Refractometer Salinity** |
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| **Temperature** |
| **Celcius** |
| **Fahrenheit** |

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| **Titration Method Salinity** |
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**GPS**

1. Turn on the GPS by holding the bottom right light bulb button.
2. Link to the satellite.
3. Go to the screen with the latitude and longitude coordinates by tapping the top right button several times.
4. Record the coordinates for each quadrat.
5. Turn off the GPS by holding the bottom right light bulb button.

**Dissolved Oxygen CHEMets Kit**

1. Check that the date on ampoules in within a year.
2. Get water from the ocean using the vial *(go out far and try to get water without bubbles)* and fill to the 25 ml line.
3. Break ampoule in the vial, swirl for 10 seconds.
4. Invert back and forth until color changes.
5. Compare to color table.
6. Record data in ppm (parts per million).

**LaMotte Dissolved Oxygen Test Kit – procedures in the kit**

***Please be careful with the plastic tubes holding the syringes- they break very easily.***

1. Check date on box is within a year.
2. Read safety first card thoroughly. *(front and back)*
3. Read the included test kit manual and follow instructions.
   1. *Short form instructions are on the back for a quick reference to protocol.*
4. Record all findings on the sheet provided.

**Refractometer Salinity**

1. Clean the refractometer.
2. Place a drop of water on the blue glass and close to the top.
3. Look through the scope and record the salinity. *(left side value)*
4. Clean the refractometer with a rag and clean water *(from the bathroom sink)* to remove the salt.

**Temperature**

1. Get the thermometer.
2. Go out far in the water.
3. Hold the thermometer underwater for at least 20 seconds.
4. Record temperature in degrees Celsius ***and*** degrees Fahrenheit.

**Salinity Titration Test Kit – procedures in the kit**

***Please be careful with the plastic tubes holding the syringes- they break very easily.***

1. Check date on box is within a year.
2. Read safety first card thoroughly. *(front and back)*
3. Read the protocols. *(the one page procedure is the specific instructions and the packet is a more general pictographic one)*
4. Record all findings on the sheet provided.