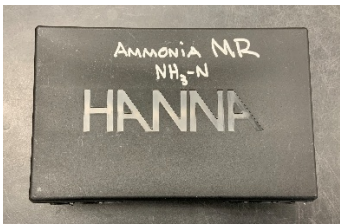
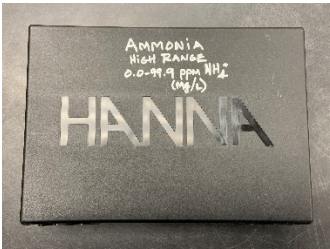
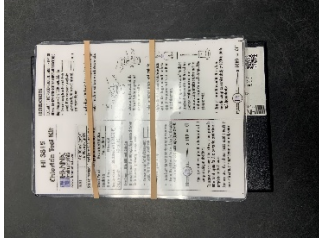
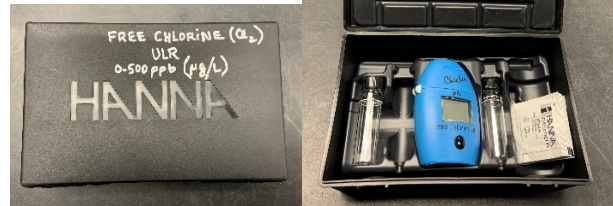




NBS Water Quality Lab Equipment List:

Parameter	Equipment	Photo
Nitrate Nitrogen	Hanna Bench Photometer HI 83099 COD (40+ parameters) 0-30 mg/L Res. 0.1 mg/L and 0.002.50 mg/L. Res. 0.01 mg/L)	
Phosphate	Hanna Bench Photometer HI 83099 COD (40+ parameters) 0-30 mg/L Res. 0.1 mg/L and 0.002.50 mg/L. Res. 0.01 mg/L)	
Total Hardness	Hanna Hardness Checker HI 775 (Ca/Mg)0-500 mg/L. Res. 1.0mg/L	
Ammonia (Low Range)	Hanna Ammonia Nitrogen Checker LR (NH ₃ -N) HI 700 0-3.0 mg/L. Res. 0.01 mg/L	

Ammonia (Mid-Range)	Hanna Ammonia Nitrogen Checker LR (NH ₃ -N) HI 700 0-3.0 mg/L. Res. 0.01 mg/L	 
Ammonia (High Range)	Hanna Ammonia Nitrogen Checker LR (NH ₃ -N) HI 700 0-3.0 mg/L. Res. 0.01 mg/L	 
Chloride	Hanna Chloride Checker HI 3815 Dual Ranges: 0-100 mg/L Cl- 0-1000 mg/L Cl-	 
Total Chlorine	Hanna Total Chlorine Checker ULR HI 38023 10-200 mg/L Res. 10.0 mg/L	 

Free Chlorine (Ultra Low Range)	Hanna Free Chlorine Checker ULR HI 762 0- 500 ppb ($\mu\text{g/L}$) Res. 1.0 ppb	 The image shows the carrying case for the Hanna Free Chlorine Checker ULR HI 762. The case is black and has the text "FREE CHLORINE (Cl_2) ULR 0-500 ppb ($\mu\text{g/L}$) HANNA" printed on it. The device itself is a small, blue, handheld digital meter with a screen and buttons, and it is shown next to its carrying case.
Alkalinity (Freshwater)	Hanna Alkalinity Checker HI 775 0- 500mg/L CaCO_3 Res.1.0mg/L	 The image shows the carrying case for the Hanna Alkalinity Checker HI 775. The case is black and has the text "ALKALINITY FRESHWATER HANNA" printed on it. The device itself is a small, blue, handheld digital meter with a screen and buttons, and it is shown next to its carrying case.
Turbidity	Portable Digital Water Turbidity Meter 0-200 NTU Res. 0.1 NTU KY Hope	 The image shows the carrying case for the Portable Digital Water Turbidity Meter. The case is black and has the text "PORTABLE DIGITAL WATER TURBIDITY METER 0-200 NTU Res. 0.1 NTU KY Hope" printed on it. The device itself is a small, yellow, handheld digital meter with a screen and buttons, and it is shown next to its carrying case.



NBS Water Quality Field Equipment List:

Parameter	Equipment	Photo
Temperature (Air & Water)	Thermometer, Digital Dual Max/Min Forestry Suppliers,	
Dissolved Oxygen & % DO Saturation	YSI Pro20	
Temperature pH Electro Conductivity SALINITY	Hanna Combo Meter	
Oxidation Reduction Potential (ORP)	APERA Instruments ORP60	

NBS Water Quality Equipment List:

Parameter	Equipment	Ownership
TEMPERATURE	Thermometer, Digital Dual Max/Min Forestry Suppliers, Jackson MS Item #: 89212	NBS
TURBIDITY	Portable Digital Water Turbidity Meter 0-200 NTU Res. 0.1 NTU KY Hope	NBS
DISSOLVED OXYGEN	YSI Pro20 Dissolved Oxygen Meter & DO % SATURATION DO 0.0-20mg/L / DO Saturation 0-100%	NBS
DO/%DO Sat/pH/ORP/EC/SALINITY/etc	Hanna Multiparameter Meter HI 98194 HI 98130 Temp/pH/EC (0-3999 μ S/cm)/	On Loan
Temp/pH/EC	Hanna Combo Meter HI 98130 Temp/pH/EC (0-3999 μ S/cm)/TDS (0-2000 mg/L)	NBS
ALKALINITY	Hanna Alkalinity Checker HI 775 0-500mg/L CaCO ₃ Res.1.0mg/L	NBS
HARDNESS, TOTAL	Hanna Hardness Checker HI 775 (Ca/Mg)0-500 mg/L. Res. 1.0mg/L	NBS
AMMONIA NITROGEN	NITROGEN Hanna Ammonia Nitrogen Checker LR (NH ₃ -N) HI 700 0-3.0 mg/L. Res. 0.01 mg/L	NBS
NITRATE NITROGEN & PHOSPHATE	Hanna Bench Photometer HI 83099 COD (40+ parameters) 0-30 mg/L Res. 0.1 mg/L and 0.002.50 mg/L. Res. 0.01 mg/L)	On loan
CHLORINE, FREE	Hanna Free Chlorine Checker ULR HI 762 0-500 ppb (μ g/L) Res. 1.0 ppb	NBS

CHLORINE, TOTAL	Hanna Total Chlorine Checker ULR HI 38023 10-200 mg/L Res. 10.0 mg/L	NBS
CHLORIDE	Hanna Chloride Checker HI 3815 Dual Ranges: 0-100 mg/L Cl- 0-1000 mg/L Cl-	NBS
SALINITY	Hanna Multiparameter Meter HI 98194 DO/%DO Sat/pH/ORP/EC/SALINITY/etc Salinity 0.00-70.0 ppt (PSU)	On loan
OXIDATION REDUCATION POTENTIAL (ORP)	Hanna Multiparameter Meter HI 98194 POTENTIAL (ORP) - 1000 - +1000 milliVolts (mV)	On loan