Water Quality Monitoring And Restoration Program

Water Quality Field and Lab Equipment

All tests listed are for freshwater only

Field Equipment:

Parameter	Equipment	Photo
Air & Water Temperature (Celsius)	**Thermometer, Digital Dual Max/Min Forestry Suppliers, Jackson MS Item #: 89212**	
pH, Electrical Conductivity (EC), Salinity, Dissolved oxygen (DO), Dissolved Oxygen Saturation (%DO), Oxidation Reduction Potential (ORP), and Turbidity	**HANNA HI98294 Meter**	

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Lab Equipment:

Parameter	Equipment	Photo
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)	
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 (NH3-N) HI 700 0-3.0 mg/L. Res. 0.01 mg/L	 

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Ammonia (Mid-Range)	**Hanna Ammonia Nitrogen Checker LR (NH3-N) HI 700 0-3.0 mg/L. Res. 0.01 mg/L**	 
Ammonia (High Range)	**Hanna Ammonia Nitrogen Checker LR (NH3-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**	 

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Free Chlorine (Ultra Low Range)	**Hanna Free Chlorine Checker ULR HI 762 0-500 ppb (µg/L) Res. 1.0 ppb**	 
Alkalinity (Freshwater)	**Hanna Alkalinity Checker HI 775 0-500mg/L CaCO3 Res.1.0mg/L**	 