

Knox County Adopt-A-Watershed Index of Biotic Integrity (IBI) Reporting Form

Watershed: _____ Teacher: _____ Course/Block/Period: _____	Data Collectors (include first/last names & any class/investigative team name): _____ _____	
Date: _____	Time of Sampling: _____	
Stream Name: _____ Stream Mile Marker: _____ Location (specific road directions to the site & its location on stream – include landmarks. Example: 100 ft. below crossroads of Main and Second Streets): _____ _____		
Weather in past 24 hours <input type="checkbox"/> Storm (heavy rain) <input type="checkbox"/> Rain (steady rain) <input type="checkbox"/> Showers (intermittent rain) <input type="checkbox"/> Overcast <input type="checkbox"/> Clear/Sunny	Weather now <input type="checkbox"/> Storm (heavy rain) <input type="checkbox"/> Rain (steady rain) <input type="checkbox"/> Showers (intermittent rain) <input type="checkbox"/> Overcast <input type="checkbox"/> Clear/Sunny	Physical Measurements Water Temperature: _____ °C Turbidity: _____ (cm) Flow: _____ ft ³ /s (attach stream flow calculations)
Water Odors <i>Check all that apply</i> <input type="checkbox"/> Normal <input type="checkbox"/> Sewage <input type="checkbox"/> Petroleum <input type="checkbox"/> Chemical <input type="checkbox"/> Other: _____	Water Color Appearance <i>Check all that apply</i> <input type="checkbox"/> No unusual color <input type="checkbox"/> Multi-colored (oily sheen) <input type="checkbox"/> Brown/muddy <input type="checkbox"/> Milky/white <input type="checkbox"/> Foam/Suds <input type="checkbox"/> Other: _____	Algae <i>Check all that apply</i> <input type="checkbox"/> Minimal growth <input type="checkbox"/> Covers substrate <input type="checkbox"/> Floating in spots <input type="checkbox"/> Thick mats
Site Observations (Describe any notable physical (e.g., bends in stream; eroded banks) and/or biological (e.g., lacks riparian cover; recently cut trees) features) _____ _____ _____		

Other Notes from the Field
_____ _____ _____

