



## Van Dorn Water Sampler



The sampler is a horizontal clear acrylic tube with blue urethane stoppers on each end that are held open when the device is lowered by a line to a desired depth and pulled sideways. A stout metal cylinder called a messenger is dropped down the 60-foot suspension line to release the catch holding the stoppers open. After the stoppers close the ends of the tube, the 2.2-liter sample is isolated from surrounding water as the device is hauled back to the surface. Wetted parts of the Van Dorn sampler are not sufficiently chemically inert to allow the contained water to be tested for trace metals.

### **Uses:**

Collect water samples from discrete depths in ponds especially at the thermocline and just above the bottom sediments.

### **Maintenance:**

The Van Dorn sampler should be washed off with clean water and allowed to dry before it is returned to the storage location.

### **Check out Contact information:**

The Van Dorn sampler is available from the Technical Services Branch of the Mid-Continent Region. Contact **Brian Hicks** at **618-463-6463 ext. 5121** or **bhicks@osmre.gov**.