

## 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. 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.

### **Use:**

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

### **Maintenance:**

No routine maintenance is required. The Van Dorn sampler should be washed off with clean water and allowed to dry before it is returned to the storage location. Van Dorn end seals (stoppers) should be seated in the cylinder during storage to take tension off the elastic tube that holds the stoppers closed.

### **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](mailto:bhicks@osmre.gov).

Equipment may be borrowed for a specific period. Equipment on loan will be temporarily transferred using a Department of the Interior Property Pass, Standard Form DI-1934, signed by the appropriate responsible individuals. OSMRE will generally pay for delivery to the requestor's office. The cost of return delivery will be borne by the requesting office. Some equipment is oversized or may need special handling.