



\Kemmerer Water Sampler



The sampler is a vertical PVC tube with silicone 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 93-foot suspension line to trigger the stopper closing mechanism. After the stoppers close the ends of the tube, the 1.2-liter sample is isolated from surrounding water as the device is hauled back to the surface. Wetted parts of the Kemmerer sampler are sufficiently chemically inert to allow the contained water to be tested for trace metals.

Uses:

Collect water samples from discrete depths in ponds, shafts and large-diameter wells. The maximum distance the messenger should be dropped through air is 30 feet.

Maintenance:

No routine maintenance is required. The Kemmerer 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 Kemmerer 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.**