Figure I. Rainwater sampler. 

- a 3/16 inch plexiglass lid.
- b 1.9-pound 5-inch spring.
- c Glass funnel made from acid bottles. Bottom of bottle has been cut off to make the top part of the funnel.
- d Plexiglass clamp.
- e Polyvinal alcohol water soluble strip (1/2 inch wide double thickness of Dissolve Paper).
- f Conventional polyethylene plastic funnel made from 1 gallon container.
- g Swagelok® connector with Teflon® ferrels.
- h 1/4 inch aluminum tubing.
- i 3/8 inch CPE tubing.
- j Insulated styrofoam shipping container.
- k Inverted siphon consisting of 1/4 inch T's connected by 1/4 inch CPE tubing. 1 3/8 inch CPE float ball which seals the sample bottle by seating on the bottle cap.
- m 1/16 inch I.D. CPE tubing for air escape as the sample bottle fills.