

# SUMMER TSI PROGRAM

## How to Build an Integrated Sampler

### You will need:

- ✓ 1- eight foot piece of 1½" schedule 40 PVC pipe
- ✓ 1- 1½" check valve with rubber boot on one end
- ✓ 1- 1½" rubber cap or stopper
- ✓ Black electrical tape

### Step 1:

Fasten the check valve to one end of the pipe with the flow going to the pipe.



### Step 2:

Mark the pipe with electrical tape 2 meters from the base of the check valve.



### Step 3:

Connect the rubber cap to the other end of the pipe with string or wire.



### Care and Storage:

After each sampling trip, rinse the sampler thoroughly with tap water to remove any algae or particles from the lake and allow to air dry completely before storing.

Store your sampler in a dry place. Be sure to block or stopper both ends so that mice and insects cannot get into it. Their fecal matter could contaminate your next sample!