

## **PARTS LIST FOR WATER CONSERVATION DISPLAY**

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September, 2018

The following is a list of parts and materials needed to construct a water conservation display similar to the one used by Rutgers Cooperative Extension of Ocean County in its “Save Water, Every Drop Counts!” educational program (<http://ocean.njaes.rutgers.edu/anr/save-water>).

The display can be designed and built to your own specifications and program needs. The digital display featured can cover any topic of your choice.

This parts list makes one (1) of the displays.

- One (1) digital picture frame
- Two (2) 24" X 18" plexiglass/polycarbonate sheets (0.093" thick)
- Two (2) right angle/L brackets
  - I used 12" long stainless steel brackets for their sturdiness
- One (1) 8½" X 11" magazine/document holder
- Eight (8) 1" aluminum spacers for between the plexiglass sheets
  - The digital picture frame I use is 1" thick; change the length according to the picture frame you use
- Eight (8) 2" bolts with corresponding nuts to secure the plexiglass together
- Two (2) ½" long bolts and nuts to hang picture frame to plexiglass
- Four (4) 1" screws to secure brackets to barrel
  - I also used an epoxy to glue the brackets to the barrel
- Eight (8) finishing washers (same size as the bolts and nuts separating the plexiglass)
- One (1) 55 gallon plastic drum/barrel [OPTIONAL]
- One (1) ¾" hose spigot [OPTIONAL]



Water conservation display at Rutgers Cooperative Extension of Ocean County offices in Toms River, NJ. (Photo credit: Steve Yergeau)



Close up of the construction of the top of the display. (Photo credit: Steve Yergeau)