



# Field Handwashing Station Options

This fact sheet is designed to provide the basics of what needs to be included in a handwashing station as well as some options for farmers to either purchase or build their own field handwashing stations. For all parts of a handwashing station hands-free options are preferred.

## Five items to include in a field handwashing station:



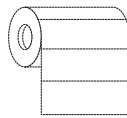
1. Fresh water that contains no generic E. coli



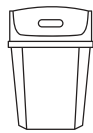
2. Soap



3. Container to catch waste water



4. Paper Towels



5. Trashcan with lid and liner

### Complete sink for purchase from [deluxecamping.com](https://deluxecamping.com)

<https://deluxecamping.com/collection/frontpage/products/deluxe-camp-sink-with-running-water>



### Build your own field sink

Ideal: Hands-free field sink with foot pump

<https://www.instructables.com/id/Field-Sink/>



DIY Outdoor Foot Pump Sink

### Build your own field sink

Less ideal:

Hand faucet field sink

<https://drive.google.com/open?id=1Ronixoj9ebEZvfOPMhBtvNqJcwkKZ6JT>

**HOW TO BUILD A FIELD HANDWASHING STATION IN 10 EASY STEPS FOR UNDER \$20**

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Field handwashing stations can be rented from sanitation companies or you can purchase field handwashing stations from various sources. They are easy to build with a few purchased, found, and salvaged materials. See the materials list at the right and instructions below.

- Get some wood. Make the sides.
  - For this stand, we used:
    - 4 - 36" 2x6
    - 4 - 18" 2x6 for the sides of the stand. We decided a stand 36" high would be good for handwashing. You can choose any height you wish.
- Square off the ends and cut them to the right sizes (for the height and size you want).
- Soaps.
  - Water container - the blue container holds 5 gallons of water and has an open-flow valve. Available at big-box home hardware stores in the camping section. \$9.99
  - Trash can with a lid so paper towels don't blow around in the wind. We used an old rag container found in the barn.
  - Water catching bucket (5 gallon bucket)
  - Dishpan. Another found item, is the "tray" under the water container and holds single use paper towels. You can use whatever you want for this. Doesn't need to be a dishpan.
  - Wood (salvaged): 2x4's, 2x4's, and plywood for the top, sized to fit.
  - 60 2 1/2" screws.
  - Bungee cord

# Build a field paper towel dispenser

We have created a process for you to build a paper towel dispenser that could be used in the field. It could be strapped down or mounted to your handwashing station. Download the step by step guide:

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## How to build a field box for paper towels

This is a set of instructions for building a paper towel dispenser for use in the field. You can use any size of container you prefer, just be sure that the paper towel holders will fit into the container and that the height of the container will accommodate the size of the paper towel roll you will use. This box is also not water proof, there are likely some minor modifications that could make it water proof.

**What you need:**

- One plastic tote - 34 quart  
23.98in W x 16.81in D x 6.6in H
- Two plastic paper towel holders  
14in L x 3in W x 5in H
- Four flat bolts with nuts  
#10-32 x 3/4 in
- Two rolls Paper Towels

**Supplies**

- One plastic tote - 34 quart 23.98in W x 16.81in D x 6.6in H
- Two plastic paper towel holders - 14in L x 3in W x 5in H
- Four flat bolts with nuts - #10-32 x 3/4 in
- Two rolls paper towels - plus more for future use

**Tools**

- Drill with 3/16 inch bit
- Utility knife with new sharp blade
- Ruler or measuring tape

Length of time to build: about 30 minutes

### Instructions:

- 1. Fasten paper towel holders inside tote.**
  - a. Place paper towel holder inside tote approximately 4 inches from the end.
  - b. Drill hole through fastener hole in holder.
  - c. Insert bolt from bottom and fasten nut from the inside so that flat head of the bolt is on the outside bottom of the container.
  - d. Repeat step c for fastening second bolt on paper towel holder number one.
  - e. Fasten second paper towel holder inside tote repeating steps a - d.
- 2. Cut holes in lid of the container for paper towels to pass through.**
  - a. Draw guidelines of the hole for the paper towels in the lid of the container: Measure 5 inches from the short edge of the plastic box and 2 1/2 inches from the long edge to create a rectangle that is 1 1/2 inches wide and 12 inches long on the top of the lid.
  - b. Using a utility knife, cut the hole for the paper towels but using the rectangle you made as a guide.
  - c. Repeat steps a and b to create another hole on the opposite side of the box for the second roll of paper towels.
  - d. You should now have two long rectangles cut out of the top of the lid.
- 3. Finish the box.**
  - a. Remove lid and place a roll of paper towels on each of the holders.
  - b. Replace lid and pull paper towels through each hole in top of the lid.

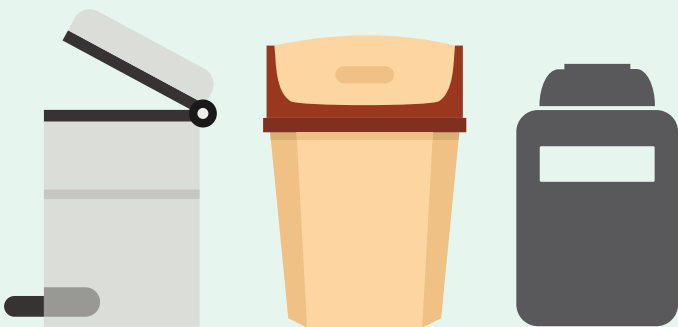
**You now have a field ready paper towel holder box to use at your field handwashing stations! This box can be strapped down or bolted to your handwashing station.**

## Don't forget the trashcan

These are a few considerations when procuring a trashcan:

- Need to contain trash with either a lid or by using an enclosed receptacle
- Need to have a liner
- Add rocks or sandbags in the bottom for weight
- Hands-free open/close is best

### Preferred



### Less Desirable

