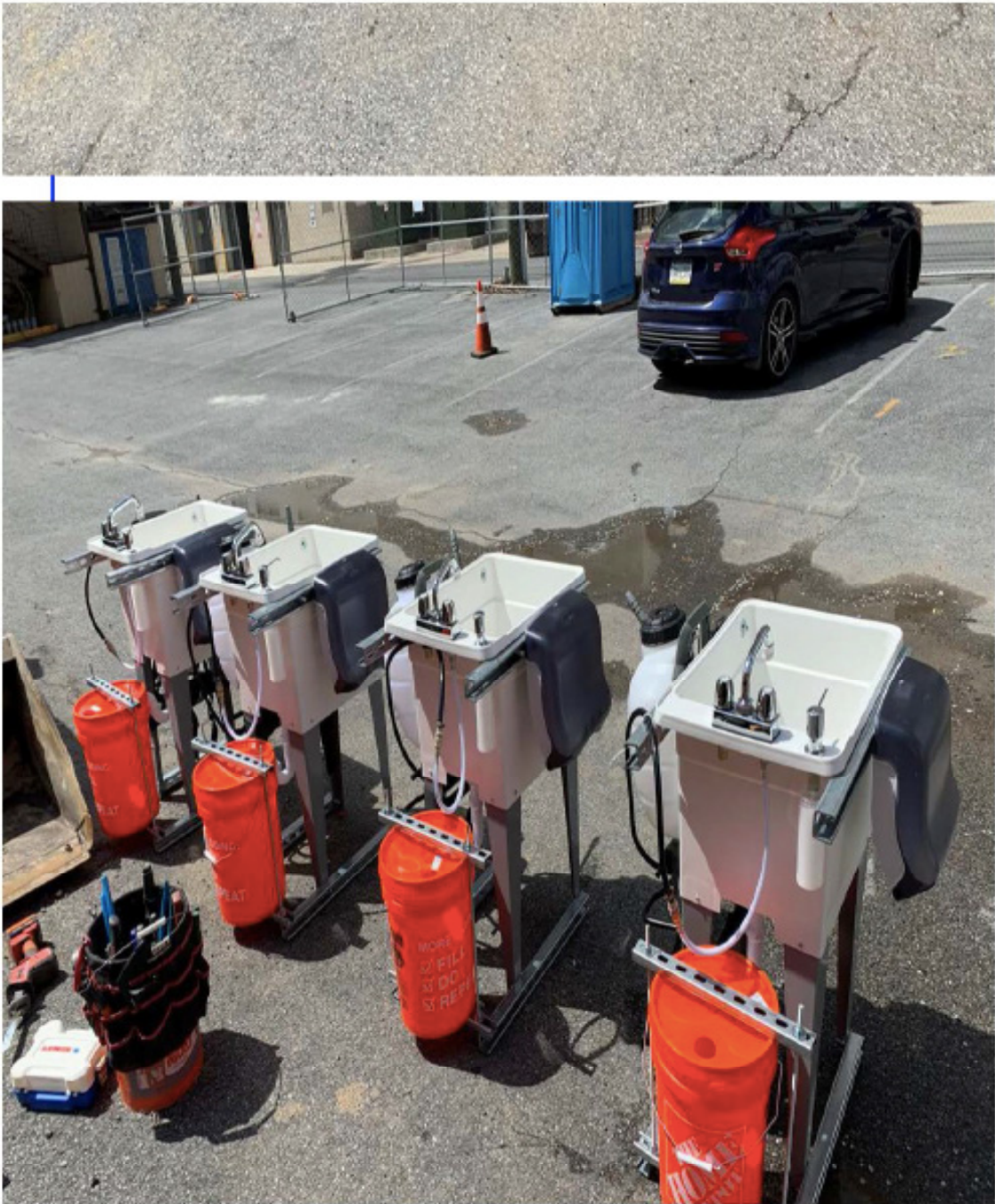


# HOW to BUILD a STURDY CONSTRUCTION SITE HANDWASH STATION







Here is a list of parts and pieces:

### Home Depot

Mustee Utilitub 24 x 18" Utility sink- Internet # 203579727 (Comes with drain parts, faucet and supply lines as a kit)

4 Gallon Backpack Sprayer- Internet # 303588180

Metal Soap Dispenser- Internet # 206417849

5 Gallon Buckets with Lid

From Local supply houses:

Multi-Fold Paper towel Holder

Multi-Fold Paper towels

Bulk Liquid Soap

5/8" Uni Strut

1 5/8" Unit strut

3/8" Threaded Rod

3/8" Washers

3/8" Fender Washers

3/4" #10 Self Tapping sheetmetal screw with 5/16" Head

1/4" Washers

3/8" Barb X 3/8" Male compression adapter( allows connection of sprayer hose to sink supply line)

1/2" NPT Cap(for capping non used side of faucet)

Tools Needed:

Portable Band Saw

Cordless Drill with 1/2" Drill bit

Cordless Impact with 9/16" Deep Well Socket

5/16 impact driver

1 1/2" Hole Saw and arbor

1" Hole Saw

## General Sequence

1. Sinks are assembled following directions in box
2. Holes in the bottom of the legs are enlarged with ½" drill bit to allow installation of 3/8" rod
3. Fasten strut to bottom of legs along the sides
4. Drill ½" holes in the top of the sink parallel with the bottom strut and fasten strut to top of the sink using threaded rod
5. Assemble the back pack sprayer
6. Tighten shoulder straps as tight as possible on backpack sprayer
7. Slide top strut through the backpack sprayer shoulder straps and fasten to the top of the sink.(Shoulder straps will be pinched between strut and sink
8. Fasten the waist strap around the bottom of the legs and tighten
9. Drill hole for soap dispenser next to the faucet and install soap dispenser
10. Fasten paper towel holder on the opposite side of the backpack sprayer
11. Install the hose from backpack sprayer to the sink supply hose using barb x Compression or some form of coupling.
12. Fasten strut on the bottom of the sink across the back on the faucet side connecting two sides with screws( Where the bucket will sit)
13. Using all thread and another piece of uni-strut pinch the bucket between the two pieces of strut
14. Pipe the trap assembly as high as possible from the drain
15. Install lid on bucket and drill a 1 ½" hole in the side measured for the center of the drain outlet
16. Install drain piping into hole in the bucket, then pinch the bucket down with the strut
17. Set in place and place a sandbag on the opposite side of the water.
18. Fill freshwater tank with clean water.
19. Install ½" cap on the faucet on the side that does not have the supply line hooked up
20. Pressurize the tank by pumping it
21. Turn on faucet for running water, 4 gallons fresh and 5 gallons of grey.
22. Dump grey water to sanitary or have pumped by porta john company

Respectfully,

***Many thanks to our State College Customer and his company for generously sharing this.***