

# Large Quantity Water Filter

Drape a piece of muslin or linen or sheet over a 5 or 6 gallon bucket with a 10 inch dip in the center. Make a hole in the bottom of the bucket to be able to retrieve the pan when it is full of water. Tie a rope around the top of the bucket to hold the material in place. Place about a 1" layer of pre-washed activated charcoal in the bucket on top of the material. Drape another piece of material into the bucket on top of the charcoal layer. Place a 6 to 8 inch layer of clayey earth on top of the second material layer. Drape a third piece of material over the dirt and place a few clean stones on top of the material to keep it from floating. Slowly pour water into the bucket over the earth and charcoal layers. Let the water filter through to the collecting pan underneath. Many linens or sheets can get threadbare. Try to find a material to use that has a tight weave, if you cannot, double or triple your material. You may find, if you are using dusty charcoal, that the first couple of batches that goes through the filter are quite dark. If this is so, re-filter the water until the water runs clean and then start using that water - or wash the charcoal before using it. If the filtering process becomes too slow remove the top piece of material and rinse it off and then replace it on the bucket.

