|  |  |  |
| --- | --- | --- |
| **How to Filter and Chlorinate Water** | | |
| [www.MAMAProject.org](http://www.MAMAProject.org)  info@MAMAProject.org | 1 | As you gather water, fill a spare 5-gallon container and let dirt in the water settle to the bottom for 1-24 hours. Keep the lid on the spare bucket. |
| 2 | Gently pour off the clear water into top bucket, discarding the dirty water or use to water plants or animals. |
| 3 | If Schistosomiasis is a problem in your community, let all water used in household, even for bathing, cooking or laundry rest 1-2 days. |
| 4 | When ready to start filtering the full top bucket, position filter within plastic bottle of the bottom bucket. Remove cap, and water will flow. |
| 5 | If flow slows down, or stops, that indicates a clogged filter. Follow directions to backwash with filtered water. |
| 6 | Once system is clean and operating, never put anything into bottom bucket. Keep lid on to protect water and children. |
| 7 | When bottom bucket is full of filtered water, recap filter and hang on edge of top bucket |
| 8 | Using 1cc syringe, measure 1cc calcium or sodium hypochlorite (5.25%) solution, or drinking water tablets (Nadcc) such as Aquatabs or Water Guard. See directions in Water Filtration and Chlorination Training Video |
| 9 | Through opening in bottom lid, add the chlorine solution, and stir 12 times. For tablets, stir 10 minutes. Never remove stir stick. |
| 10 | Wait 30 minutes before drinking to give chlorine time to work. To be sure, fill a small glass to do the “sniff test”. You want a very faint chlorine aroma |
| 11 | If no aroma of chlorine, perhaps solution is not fresh, or a lower concentration, so repeat, to usually 3- 5cc total. Tablets are more stable than liquids, and stay fresh longer. Be sure to use the correct number. |
| 12 | Store chlorine solution bottle and syringe or chlorine tablets, filter cap and backwasher in bottle attached to lid on top bucket- safely out of reach of children |
| 13 | Bottle attached to bottom lid protects filter. Opening should be plugged if not actively filtering water, to prevent contamination of pure water. |