

Item:

Low cost, low maintenance, low-pressure ultrafiltration technology for informal settlement (Site Level)

Technical specifications:

Nominal Filtration Capacity: 4,000 – 6,000 Liters per day

Membrane technology: Ultra Filtration membrane

Recommended Water Turbidity: enable treatment of raw water with NTU levels going up to 50 NTU minimum and up to 150 NTU

Filtered Water Turbidity: <0.1 NTU

Feed PH Range: 6-9 PH

Electricity: No Electricity required for the filtration process

The operation should be easy and the cleaning to be undertaken manually.

Pathogens removed:

- Bacteria
- Protozoa
- Cysts
- Helminths
- Total Coliform TC
- Total Coliform FC
- Ecoli
- Virus (specify)