

ABSTRACT

SYSTEM AND METHOD FOR TREATING RAW WATER

This invention relates to a system and method for treating raw water. In particular, the invention relates to a system and method for treating raw water incorporating a gravity flow membrane filter system to produce water suitable for human consumption. The system comprising (a) a tank having an inlet for receiving the raw water and an outlet for discharging the treated water, the inlet and outlet positioned at a first and second level respectively; and (b) at least one membrane filter module in the tank downstream the inlet, the membrane filter module interposed between the inlet and the outlet, wherein the outlet is at a level lower than the inlet.

(Figure 3)