

Nimbus Water Technologies – Bulk Potable Water Treatment & Filtration System Options for high volume, borehole, well, river or dam water filtration.



ABOVE - Typical bulk, high flow & high volume demand potable water treatment plant designed, build, installed and commissioned by Nimbus Water SA (Pty) Ltd.

BELOW – Bulk potable water treatment & filtration plant designed for purpose, either build into a 6m or 12m refurbished container, or skid mounted for easy handling, transportation and connection at remote sites in South & Southern Africa. Containerised or skid mounted water treatment plant offer added security at remote sites.



LEFT – Supply & Installation of specialised bulk water treatment and filtration technology for **specific applications – Treatment of HARD WATER CaCO3 lime scale, removal of Iron and heavy metals, filtration & removal of Nitrates.** Often the ion-exchange technology is applied as pre-filtration to the primary treatment technology of sediment, activated carbon, ultra violet or ozone.

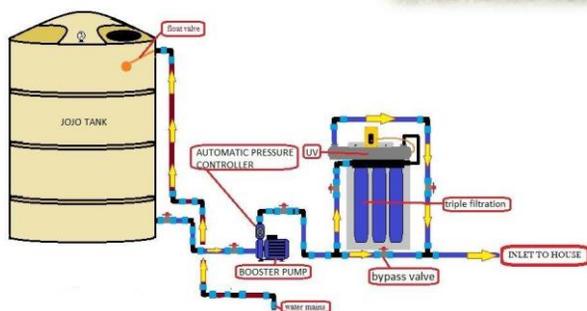
IMPORTANT – to select the correct water treatment & filtration technology for a filtration plant, a full spectrum bacterial & chemical water analysis is required to consider ALL of the contaminants for which a treatment plant must be designed.



LEFT – typical examples of **HIGH FLOW & HIGH PRESSURE STEEL FILTRATION** systems in application.

Important, with a water analysis, Nimbus Water will need to know the required flow of water per hour and the pressure. Fibre-glass type filtration vessels are available for high flow, but limited to 4bar pressure. Steel filtration vessels are fabricated to the required pressure up to 15bar.

Our advise is FREE and Nimbus Water will assist and work through the detail, with you, to offer a water treatment plant specific to your application and requirement.



Municipal water back up system plus rain water harvesting water treatment system for domestic or commercial

Client brief. Provision for water “outages” – Harvest rain water in season and connect mains water supply to tank as well.

Water to be safe, meet SANS241 requirements for all purpose & drinking water in the home.

Installed processes – Gutter conversions with First Flush System for water to receiving tank, mains to tank via pump & filtration & UV to home – all water into home treated & safe for drinking.