



The Waterloo Biofilter system itself removes 25-35% of total nitrogen with a single-pass configuration, and 50-65% of total nitrogen with a double-pass configuration where treated effluent is recirculated back to the septic tank. With a WaterNOx-S or WaterNOx-LS denitrification filter installed after the Waterloo Biofilter treatment unit, up to 95% total nitrogen removal can be achieved.

The WaterNOx-S recirculates nitrified effluent up through a plastic filtration for denitrification.