CWSBR® NZTIWF Abstract

CONSTANT WATERLEVEL SBR (CWSBR®) A NEW ARRIVAL ON THE NEW ZEALAND WASTE WATER MARKET

SBR (sequential batch reactor technology) is widely introduced in New Zealand and overseas as a modern wastewater treatment process. The SBR process enjoys growing popularity worldwide and is based on the principle that treatment of wastewater works significantly better under defined volume conditions. Classic sewage plant technologies (i.e. continuous flow plants) cannot provide the same process stability. The more reliable operational performance of SBR plants can cover a wider range of dynamic wastewater discharges arriving at the plant.

So far sewage lagoons and ponds were exempt from the benefits of the SBR technology as constant SBR process volumes were not achievable due to pond geometry and process (running plant). Ten years ago, the German Company GAA mbH near Hamburg, created a Constant-Waterlevel-SBR process (CWSBR®) for waste water ponds, introducing a fully operational SBR system for any type of sewage pond. Due to the reduced structural costs and state of the art construction, savings are substantial and can be up to 50%! Introduced by GWS - Technology, Taupo, CWSBR® pond systems are now also available in New Zealand and Australia.

Please enter all author names in the table below. Please mark the presenting author in **BOLD**

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