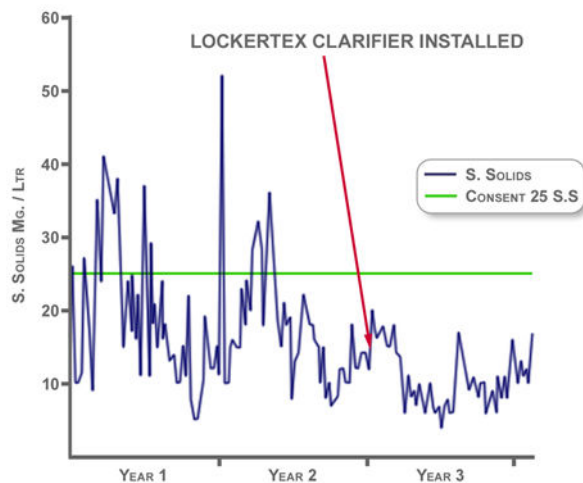


Performance

Installation of upward flow clarifier screens offers a cheaper and quicker solution than most other options to the problems of overloaded or malfunctioning settlement tanks with regard to the carry over of suspended solids.

The screens enhance natural settlement, trap rising solids and in hydraulic overload conditions will retain much of the active biomass that would otherwise be swept over the weir.

The Locker Clarifier Systems have been installed at biological waste water treatment works utilising percolating filters and activated sludge processes.



The graph demonstrates the value of Lockertex Clarifiers in reducing peak levels of S.S.

Average results from a trial of a heavily loaded pyramidal tank fitted with Locker Clarifier Screens:

Influent	Effluent	% Removal
144 S.S.	20 S.S.	86

The Lockertex Clarifer Screens have been performing successfully for 17 years at this site.

Influent	Effluent Lockertex	Effluent Pebble Beds
35.8 S.S. average	4.8 S.S. average	14.9 S.S. average
(68 S.S. max.)	(14 S.S. max.)	(48 S.S. max.)