



NIXIE
ENGINEERS PVT. LTD.

COMPLETE WATER SOLUTIONS



M Tec TM



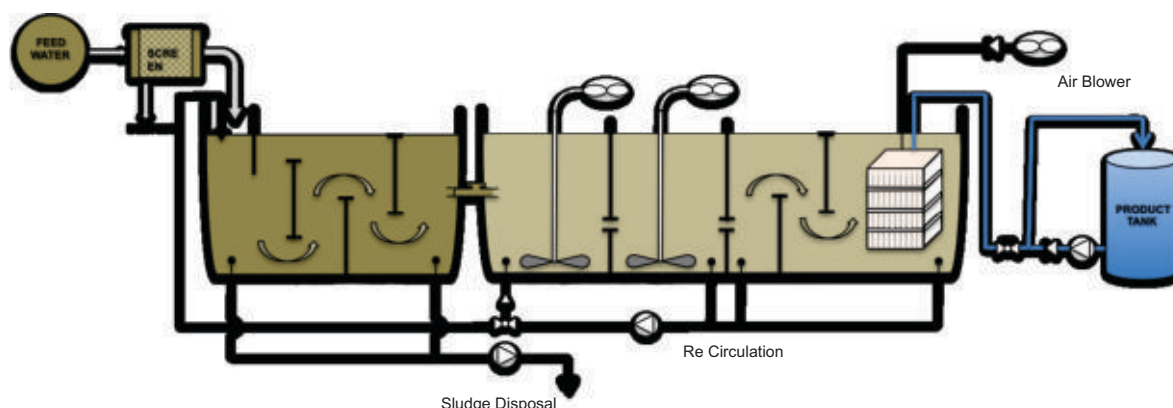


- The term MTec based on 'membrane bioreactor' (MBR) is generally used to define wastewater treatment processes where a perm-selective membrane is integrated with a biological process – a suspended growth bioreactor.
- Lowest possible foot print for the STP and highest possible treated water quality are the features of Mtec models.

Typical power consumption, treatment cost, footprint and sludge production

Model No	Capacity (Unit) KLD	Electricity Consumption per Day, kW	Treatment Cost* per Day, kW	Area Required for Plant, ft2	Sludge Produced per day, kg
M Tec - 500	500	800	0.015	2421	27
M Tec - 1000	1000	1408	0.014	5166	54
M Tec - 2000	2000	2347	0.012	17437	270

MTec Conceptual Design



MTec Process Flow Diagram

References :

- Royal Guard of Oman Sultanate 625 KLD

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