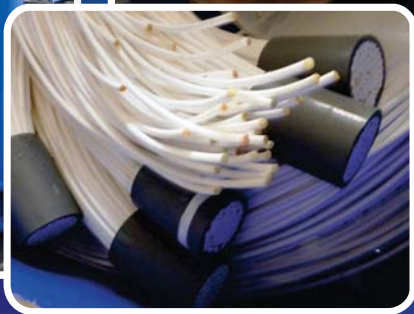


# =Breakthrough Technology=

## Enhanced Implanted Ends-Free Membrane Bioreactor

The use of MBR eliminates almost all disadvantages encountered in conventional wastewater treatment plant such as low biomass concentration and washout of fine suspended solids. However, fouling remains as a main drawback.

**GDP Filter** introduce a novel **Enhanced Implanted Ends-Free Membrane Bioreactor (MBR)**, an unique configuration which is incorporating porous bed with implanted ends-free capillary membrane in aerated system.

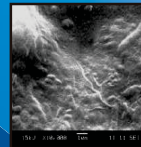


### Submerged MBR

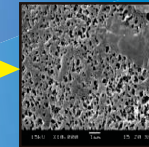
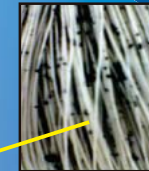


Severely fouled, indicated by brownish color on the membrane surface

Low fouling



### Implanted MBR



SEM

### Advantages :

- Low Fouling
- Stable flux
- High COD Removal



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