

Case Study - IDE Technologies, Israel

Jordan River water Filtration & Desalination



Challenges:

- Variation in water Quality: different source (river & springs)
- Existing multimedia (sand) filters did not yield desired results
- Frequent clogging of the RO membranes: high cost and regulatory issues

Parameter	Existing Values	Required Values	Results Achieved?
Removal of size particles1 micron	40% - 80%	≤85% removal @ 90% of the time	✓
SDI (silt Density Index)	Not Measurable	≤3 @ 90% of the time	✓
Stability of work (Hydraulic dP)	Not achieved	Constant flow & dP	✓

