

# RAW WATER TREATMENT USING UF-RO -2400m<sup>3</sup>/day

Case Study

Kenpark Garments, Bangladesh



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## BACKGROUND

Kenpark is basically a textile based industry in Export Promotion Zone of Bangladesh. The industry washes the new cloth material and stitching is being done for major brands like Wrangler, Levis. The industry houses state of the art machineries and their mission is quality and eco friendly operations.

The industry is 100% Export Oriented Unit in manufacturer's ready made garments. This industry's main concern is Iron content and very high hardness solids old present in water which is not suitable for washing.

**Aqua Designs** entered into this land of Bangladesh thus proving the necessity of UFRO based raw water treatment plant. Kenpark was very much impressed on the design given by Aqua Designs among the various competitors and thus Aqua Designs bagged the order of a textile industry.



## TECHNOLOGY

This technology consists of a pre-treatment where it consists of Degasser which removes the main concern of the client i.e. Iron removal followed by Re-activator Clarifier and filters, Ultra filtration and Reverse Osmosis system

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## APPLICATION

To bring down the iron content and dissolve solids suitable for washing



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## ADVANTAGES

Removal of Iron, Total dissolved solids as per the textile industrial norms for washing.

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## CONCLUSION

The plant was successfully commissioned up to their Client satisfaction and earned foreign revenue.