



SYSTEM DESIGN REQUEST FORM

BRIEF WATER ANALYSIS (FIRST APPROACH)

The following table is only a general characterisation of the feed water. More specific analyses should be carried out for the final design of the desalination plant. Aqualyng AS will be glad to cooperate in the executions of the mentioned tests together with the customer and a certified laboratory.

| |
|---|
| Sample identification: _____ |
| Location: _____ |
| Feed Source: _____ |
| <i>Chemical composition:</i> |
| Conductivity : _____ pH: _____ Temperature : _____ |
| TDS (by method): _____ |
| Residual chlorine? <input type="checkbox"/> No <input type="checkbox"/> Yes How much? _____ |
| <i>Particle content:</i> |
| Turbidity (NTU): _____ |
| Silt density index (SDI): * _____ |
| <i>Organic composition:</i> |
| TOC**: _____ |
| BOD ₅ **: _____ |
| COD**: _____ |
| Remarks (odour, smell, colour, etc): _____ |
| _____ |
| _____ |
| Analysed by: _____ |
| Date: _____ |
| Place: _____ |

Notes:

- * *SDI test is not specially required in this stage of negotiations. Aqualyng AS appreciates the result of this test if the needed equipment is available.*
- ** *Only one of the analyses is required. Aqualyng AS accepts the results of any of them as a first approach to feed water quality regarding dissolved organics and microbiological activity.*

Please fill as much information as possible and send via fax or regular post to:

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