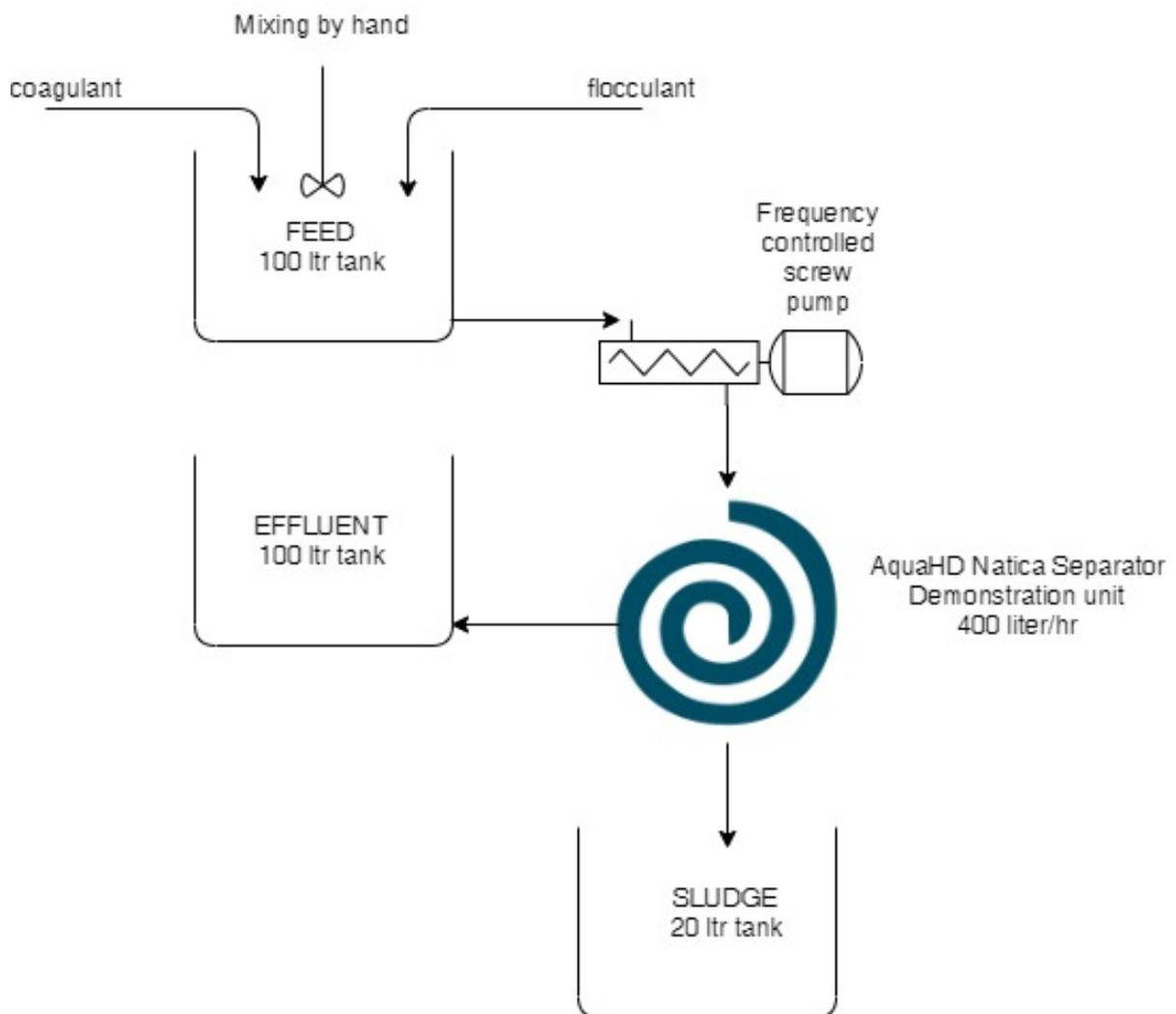


TYPICAL PROCESS FLOW DIAGRAM FOR AQUAHD NATICA DEMONSTRATION UNIT

AquaHD Europa B.V.
Picardushofstee 1
1935 GE Egmond Binnen
The Netherlands

Telephone +31 6 298 260 52
Email info@aquahd.eu
Website www.aquahd.eu

Chamber of Commerce 81776330
VAT No. NL862216096B01



Basic test protocol :

First perform jar testing !

Jar testing will determine the right dosing concentrations of the coagulant and flocculant to get big flocs that will settle easily and will produce clear(er) water.

Only after successful jar testing, then proceed with using the AquaHD Natica demonstration unit !

First do a few test-runs with clean water as to clean out the Natica from any possible left overs from previous testing.

Also this will allow you to set the correct frequency of the screw pump as to obtain a flowrate of 400 ltr/hr.

Drain all tanks after all is set and then proceed with the following :

Add 100 ltrs of the water to be treated to the FEED tank.

Add the correct amount of coagulant and mix it thoroughly.

Add the correct amount of flocculant and mix it thoroughly.

If all goes ok, you will see flocs start to occur which want to settle in the tank : gentle keep stirring the water as to prevent the flocs to settle.

Start the screw pump with the correct flowrate.

After approx 12-15 minutes the FEED tank will be empty : stop the screw pump.

Take sample from the EFFLUENT tank and compare this with the FEED quality.

Drain all tank tanks and repeat the tests until sufficient samples have been taken.

Note :

After all tests have been executed, please clean out all tanks using fresh water.

Then fill the Feed tank with clean water and increase the flowrate to maximum (approx . 600-800 ltr/ltr) as to flush out the Natica.