

Industrial Waste Water Monitoring

Decrease Your Waste Water Fee



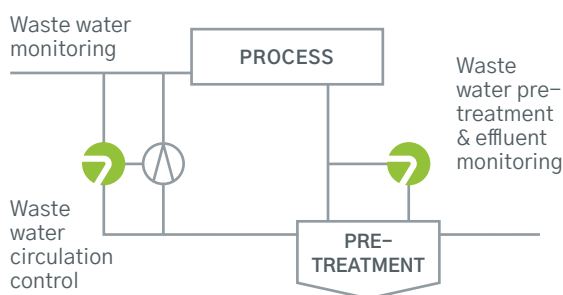


Industrial Water

Water is used in many ways in the industry, even if the product does not contain water at all. Clean water is the most important natural resource, and therefore all potential efforts should be taken to save it.

Using water at the industry generates costs in the form of purchase and waste water fees. The more you take raw water, the more you produce waste water.

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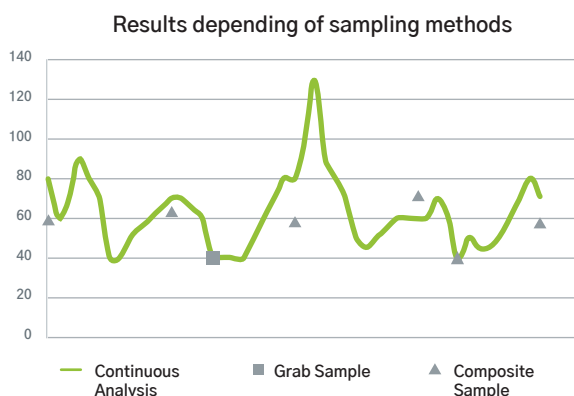


The volume and the quality of the waste water affects to the waste water fees in conjunction. It is viable to master them by better control of the waste water pre-treatment or by developing the industrial process.

The volume of the waste water shall be reduced by recirculation. It is possible to optimise the recirculation rate and secure the operation of the process by continuous monitoring with Optoseven FSA-CT1000 liquid analyser. Online monitoring the waste water flowing to pre-treatment allows to identify the periods when the process can be improved.

Measuring effluent water enables to ensure that pre-treatment process is running properly.

The overall quality of the waste can be monitored by continuously measuring UV COD and Turbidity with Optoseven FSA-CT1000 liquid analyser. Multipoint analysis allows to measuring both influent and effluent water.



Continuous Analysis

Process development is possible with the aid of continuous analysis. Periodically grabbed samples or composite samples will not give the true picture of the waste water fluctuation. Diagram illustrates the results from different sampling methods.

With Optoseven FSA-CT1000 liquid analyser, precise progression of the processes can be recognised.