

Textile - Wastewater Recovery

Textile Wastewater Treatment Plant

2019

Textile production plant in Tekirdag 720 m³/day of process was installed in order to supply process water.

Ultrafiltration modules have been established to produce process water for facility.

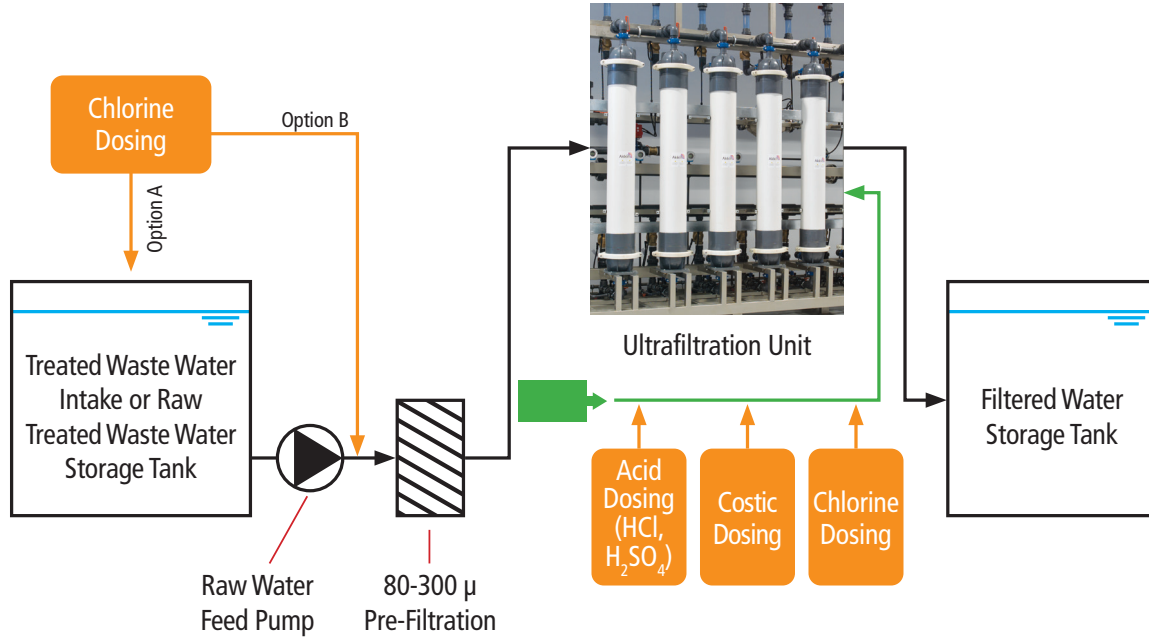
Akkim Kimya's Akualys UF module technology has been chosen within the high performance and advantageous features such as low chemical and energy consumption. Akkim Akualys ultrafiltration modules has begun to work on a first phase system with a 30 m³/h capacity.

Parameter	UNIT	UF Feed Water
Turbidity	NTU	<100
TSS	mg/L	<80
TOC	mg/L	<30



PERFORMANCE

Flux	60 l/m ² h
Capacity	30 m ³ /h
Backwash	Low Chemical consumption; caustic & acid & chlorine (advanced chemical backwash once a day)
CIP	Expected frequency once a year



Location	: Tekirdag, TURKEY
System Integrator	: Vatek Çevre Tek. ve Elek. İnş. San. Tic. Ltd. Şti.
End User	: Textile Tekirdag
Capacity	: 720 m ³ /day
Industry	: Textile
Application	: Process Water
Feed Water	: Treated Textile Wastewater
Membrane Type	: Akualys AGM - Akkim
Total Number	: 10 Piece Module

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