

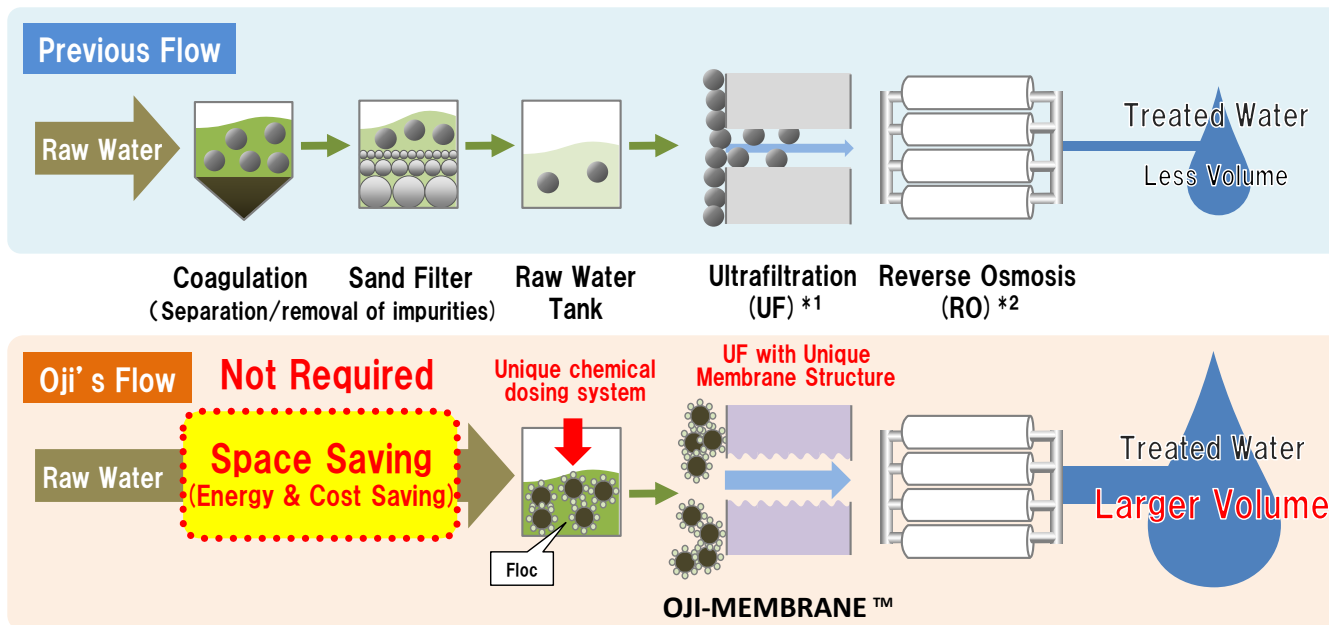
## Announcement of Introduction of Water Treatment System in Thailand

Oji Holdings Corporation (hereinafter "Oji") are pleased to inform that we received orders for water treatment system (for industrial water) in Sinsakhon Industrial Estate in Thailand.

The Sinsakhon Industrial Estate is in the vicinity of Bangkok and its water source is a reservoir pond. The water contains various components such as factory wastewater, green algae, salt, etc., so that several processes are required to produce industrial water such as "removal of pollutants" and "desalination" with large-scale equipment. However, to install OJI-MEMBRANE™ has solved those problems and enabled to produce higher quality of industrial water with more compact equipment and lower cost than before.



Oji's Ultrafiltration Membrane,  
OJI-MEMBRANE™ unit



\*1 Ultrafiltration membrane: A membrane with a pore size in a range of 0.001  $\mu\text{m}$  to 0.01  $\mu\text{m}$ . Solutes are separated based on their molecular size.  
\*2 Reverse osmosis membrane: A membrane that separates a higher concentration solution from a dilute solution. Higher pressure than osmosis pressure is put on the higher concentration solution to move only water molecule to the dilute solution in order to remove ions and low molecular weight components.



The introduced system has been in operation since February 1st, 2017.  
The system has been operated automatically and continuously all day to stably produce 3,600m<sup>3</sup>/d of industrial water as planned.  
Since problems regarding operation, maintenance, costs, etc. have been solved, the customer is satisfied with the performance of our system.

Oji will continue to aim to expand the use of this system and be engaged in proposing the innovative water treatment technologies through the contribution of water environment not only in Japan but also in emerging countries.

For further information, please contact  
Innovation Promotion Division, Water Environment Business Promotion Section,  
Katsuyuki Kadota, TEL: +81-3-3533-7134, E-mail: OJI\_WATER@oji-gr.com