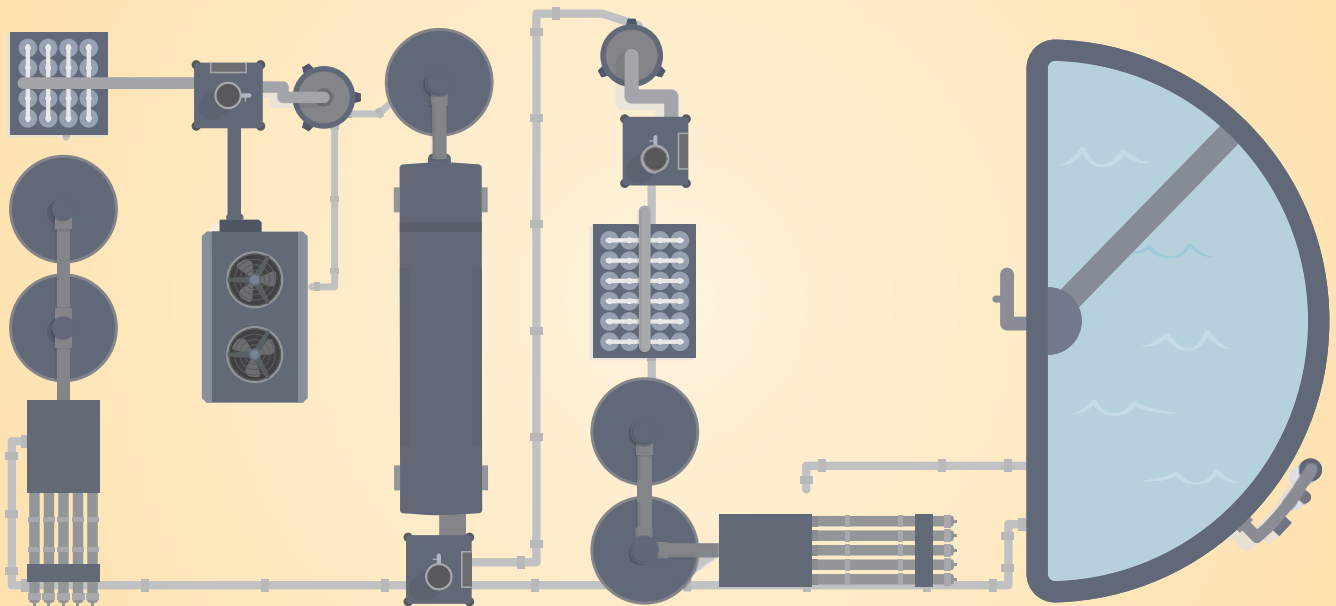




Minimal Liquid Discharge

A water management approach that can help you increase recovery and reduce costs

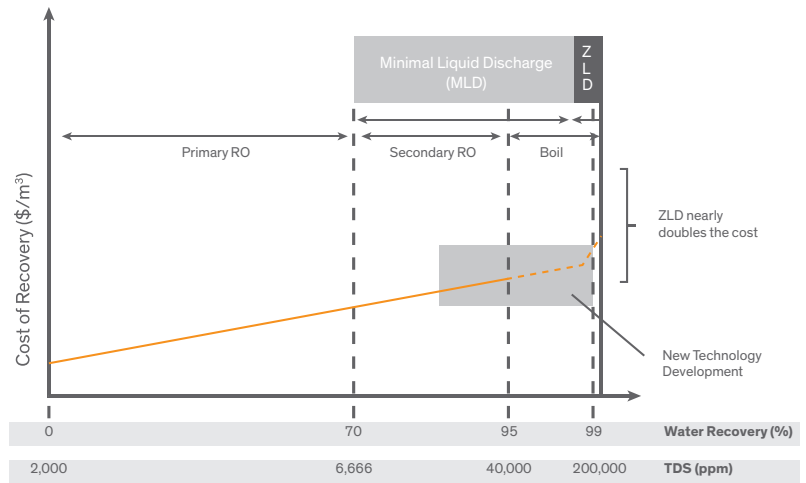


The rising price of water and significant discharge mitigation costs have prompted the search for an alternative to zero liquid discharge (ZLD). ZLD can be expensive and not necessarily environmentally friendly because of the energy and resources typically required to get discharges down to zero.

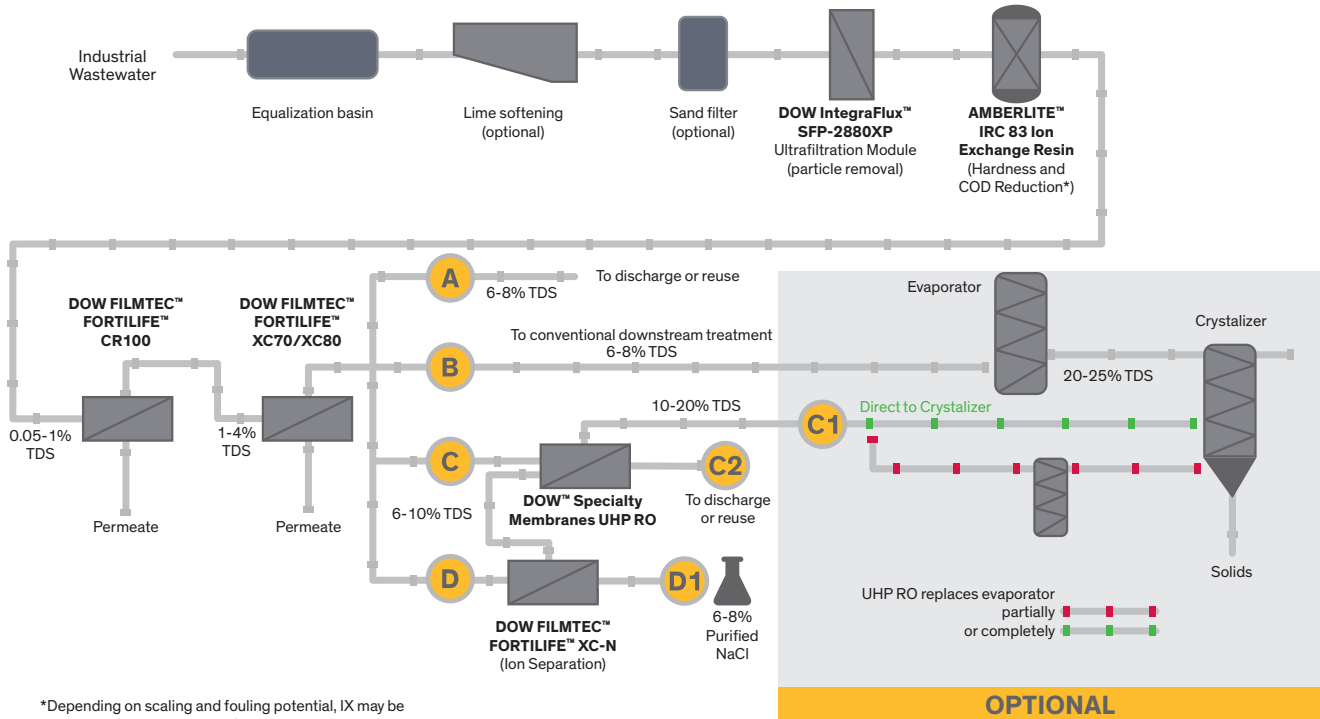
Some industrial and municipal users are turning to a minimal liquid discharge (MLD) approach: a core set of proven ultrafiltration, reverse osmosis, nanofiltration and ion exchange based technologies and processes that enable users to achieve up to 95% liquid discharge recovery but at a fraction of ZLD's costs.

Dow Water & Process Solutions can help address your wastewater regulatory challenges with technology that has the potential to minimize your operating costs and maximize water recovery while reducing the amount of energy required to operate. With the industry's broadest portfolio of sustainable purification and separation technologies, Dow can help you achieve your MLD goals and get you on a path toward cost savings and higher recovery today.

COST COMPARISON OF MINIMAL LIQUID DISCHARGE (MLD) vs ZERO LIQUID DISCHARGE (ZLD)



TYPICAL MINIMAL LIQUID DISCHARGE (MLD) SYSTEM



*Depending on scaling and fouling potential, IX may be installed between RO stages instead.

Water & Process Solutions

7600 Metro Blvd.
Edina, MN 55439

For more information, contact our Customer Information Group:

Asia Pacific	+86 21 3851 4988
Europe, Middle East, Africa	+31 115 672626
Latin America	+55 11 5184 8722
North America	1-800-447-4369

dowwaterandprocess.com

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