



## LOW-WASTE NITRATE REMOVAL SYSTEM

Custom designed low-waste nitrate removal system with performance guarantees to meet your water quality needs and waste constraints. Flexible design allows the system to be optimized for nitrate discharge concentration, total waste volume, or salt utilization.



### Active Blending

- Maintains consistent effluent concentration
- Reduces salt use by up to 30%
- Reduces liquid waste by up to 30%



### Rinse Reclaim

- Reduces liquid waste by 40–50%
- Reduces regenerant water use



### Counter-current Regeneration

- Reduces effluent nitrate concentration
- Maximizes use of regenerant brine



### Dedicated Brine Distribution

- Improves regeneration performance
- Reduces salt use
- Reduces brine waste