

Wastewater Treatment

Oxygen and CO₂ Options

Making your water treatment facility run as efficiently as possible while meeting capacity demands and environmental regulations is a tall order – and Praxair can help.

Customized options for unique situations...yours

Through decades of experience with our customers, Praxair has developed an extensive portfolio of water treatment technologies. We offer the know-how and patented technology to help you meet the demands of cost-effective plant operation.

Our oxygenation and CO₂ options technologies can help you:

- Reduce power consumption
Reduce chemical costs
- Improve plant safety
- Manage peak demand and capacity increases
- Provide low or no capital investment options
- Reduce VOCs and odor
- Reduce foaming
- Reduce noise
- Reduce sludge production
- Increase plant flexibility

Oxygen: Flexible/Affordable

Think oxygen is too expensive?

Better does not always mean more expensive. Praxair's flexible, affordable technologies deliver the benefits of oxygen, often for less than the cost of an air-based technology?

Oxygen helps improve operations and the environment at the same time

The use of a Praxair oxygen wastewater treatment system will provide cost efficiencies and environmentally-friendly results. Our systems help you



manage peak demand and increase capacity while reducing VOCs.

Customized oxygen options configured to meet your needs

With Praxair's I-SOTM and MixfloTM systems, technologies can be adapted to meet your site's needs, short- or longterm, new or retrofit. Based on your unique demands, we engineer a combination of technologies to suit your system's needs

Got an emergency? Praxair can help!

If your site has an urgent need for capacity or a temporary emissions treatment option, Praxair may be able to help. Our technology can be configured to provide support for emergency situations and our services organization (the largest in the U.S.) stands ready to help you meet the challenge.

CO₂ : Safe/Effective

How can you benefit from CO₂?

Are you sending your wastewater to another facility for treatment?

Does a high pH cost you money in extra fines or fees? Praxair's CO₂ pre-treatment options can help you avoid those fees with a system that reduces your pH before the wastewater leaves your plant.

Eliminate harmful chemicals from your process with CO₂

CO₂ can help by replacing dangerous acids with a safe, effective process for lowering pH. Your site becomes a safer place, and you save money by not buying and storing chemicals that can do more harm than good.

North America's largest industrial gas supplier, at your service

We offer a range of supply and service options to fit your site's needs. Praxair's reputation for innovative gas technologies and reliable supply has been built over years of experience, with proven results for our customers.

Contact us today for a hard-number look at your options

We invite you to evaluate the advantages of our flexible technology options. We will provide a thorough cost assessment of your current processes and real-number comparisons of your options from Praxair. To learn more about Praxair's water treatment options and how we can work with you, contact your account representative or call us at **1-800-PRAXAIR**.