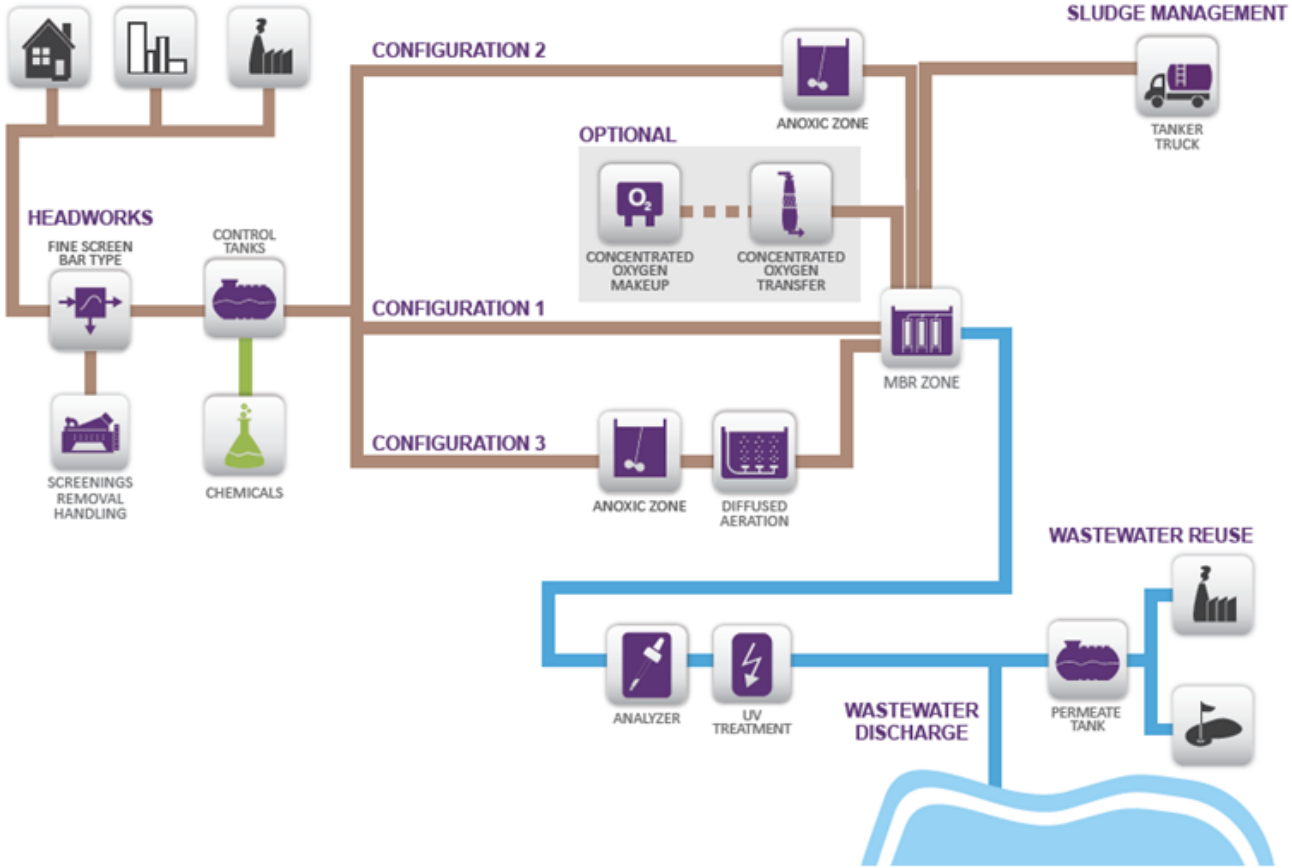
One Design

But two standard sizes (28ft and 45ft) and many options to choose from depending on project needs

Flowsheet Options

Conventional MBR or high-rate using concentrated oxygen

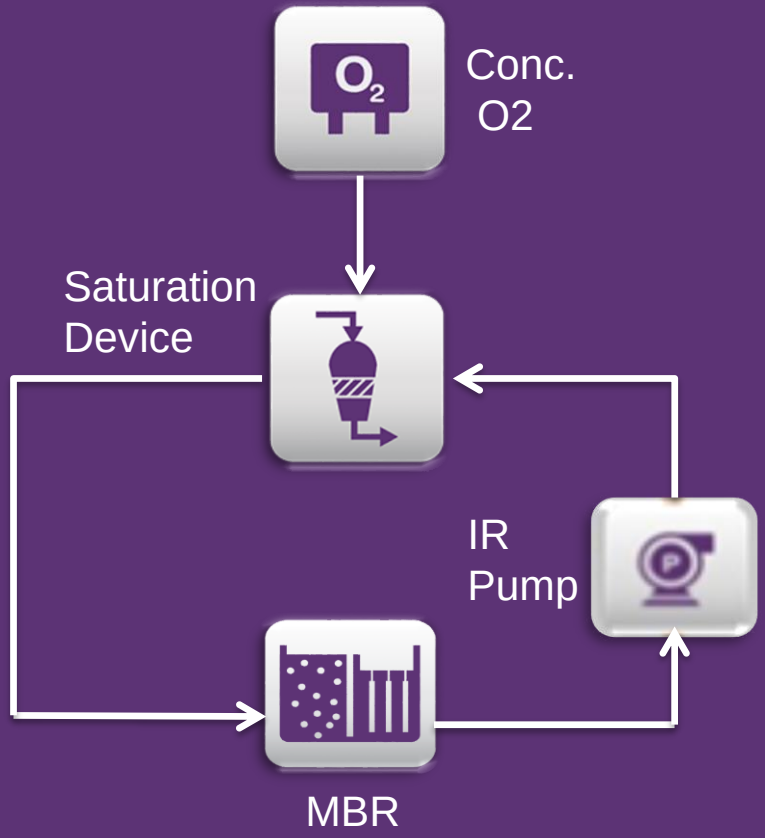


Supplemental Oxygen System

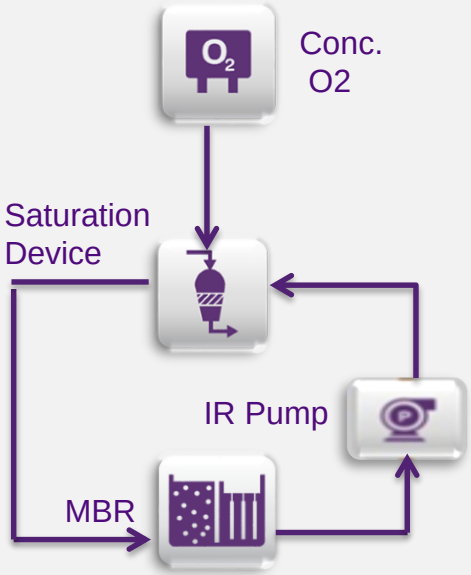
Options for delivering supplemental O2 depending on AOR

Option 1- Membrane air scour
Option 2- Air/ Mazzei
Option 3- O2/ Mazzei
Option 4- O2/Speece Cone

- 93% concentrated O2
- Safe- on demand O2 generation
- VSA technology

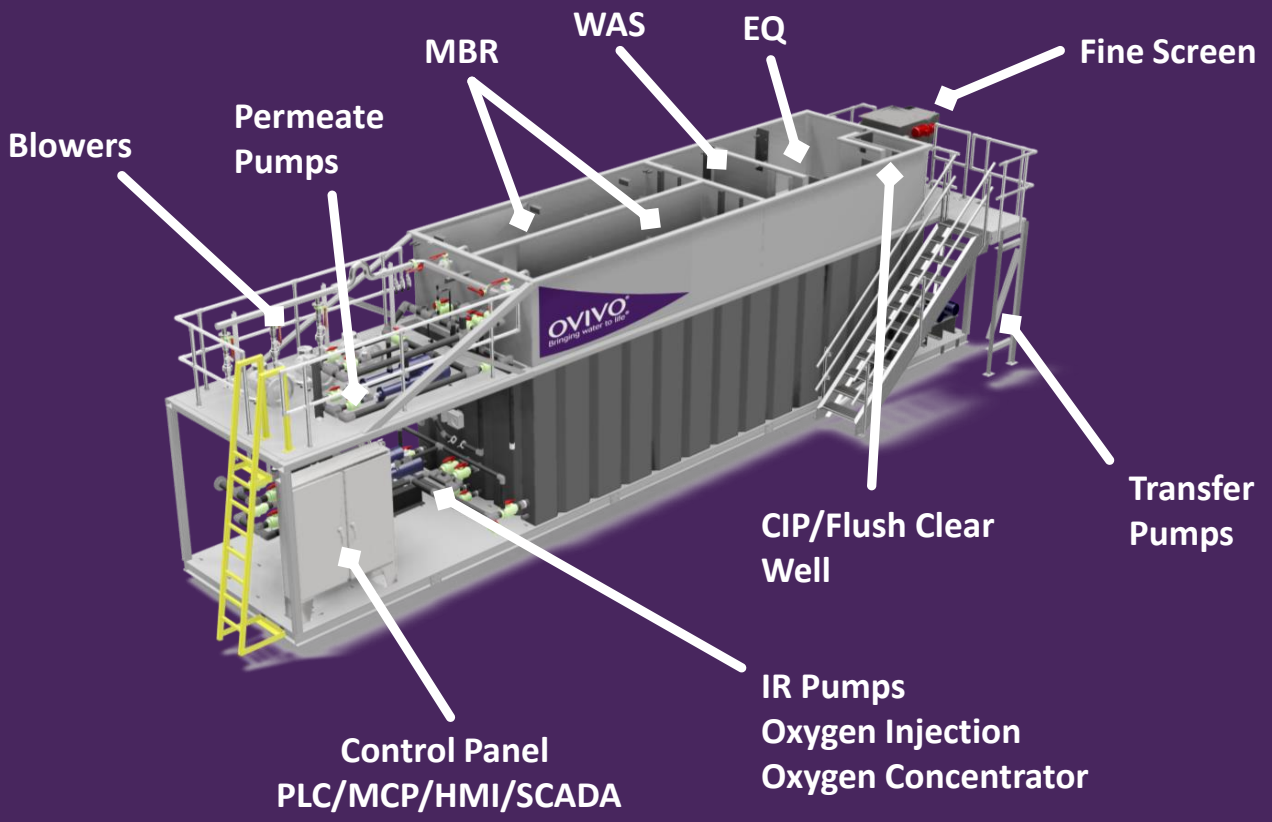


Supplemental O2 System



Deployable MBR

- Process Intensification
- Modular
- Ready to operate

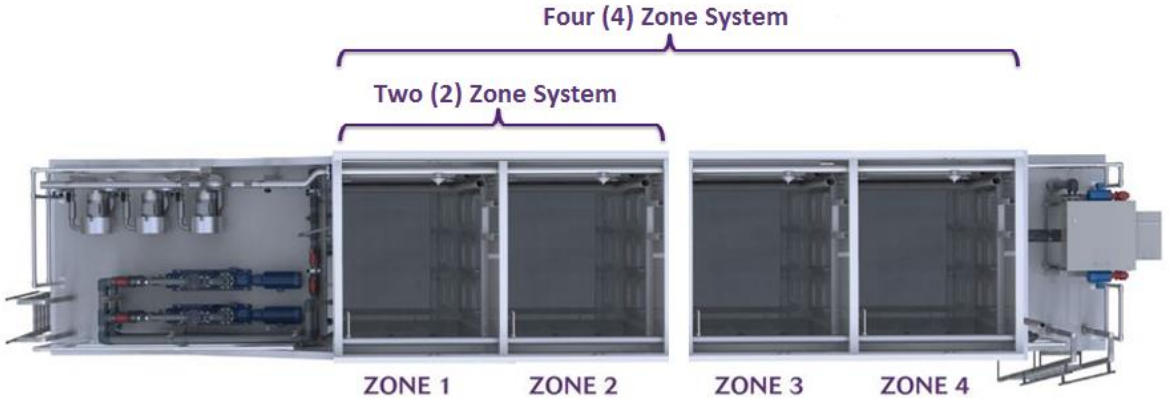


How do we do it?

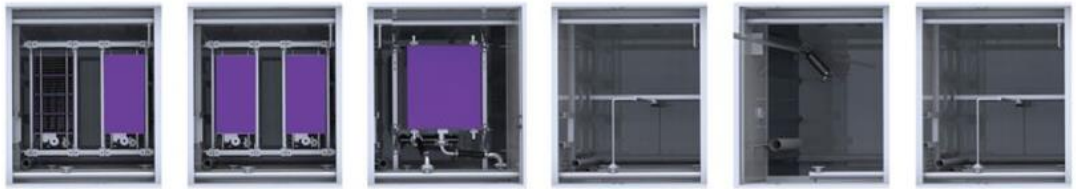
This is how.

Use flexible zones and standard subsystems as building blocks

Flexible Zones and Standard Subsystems

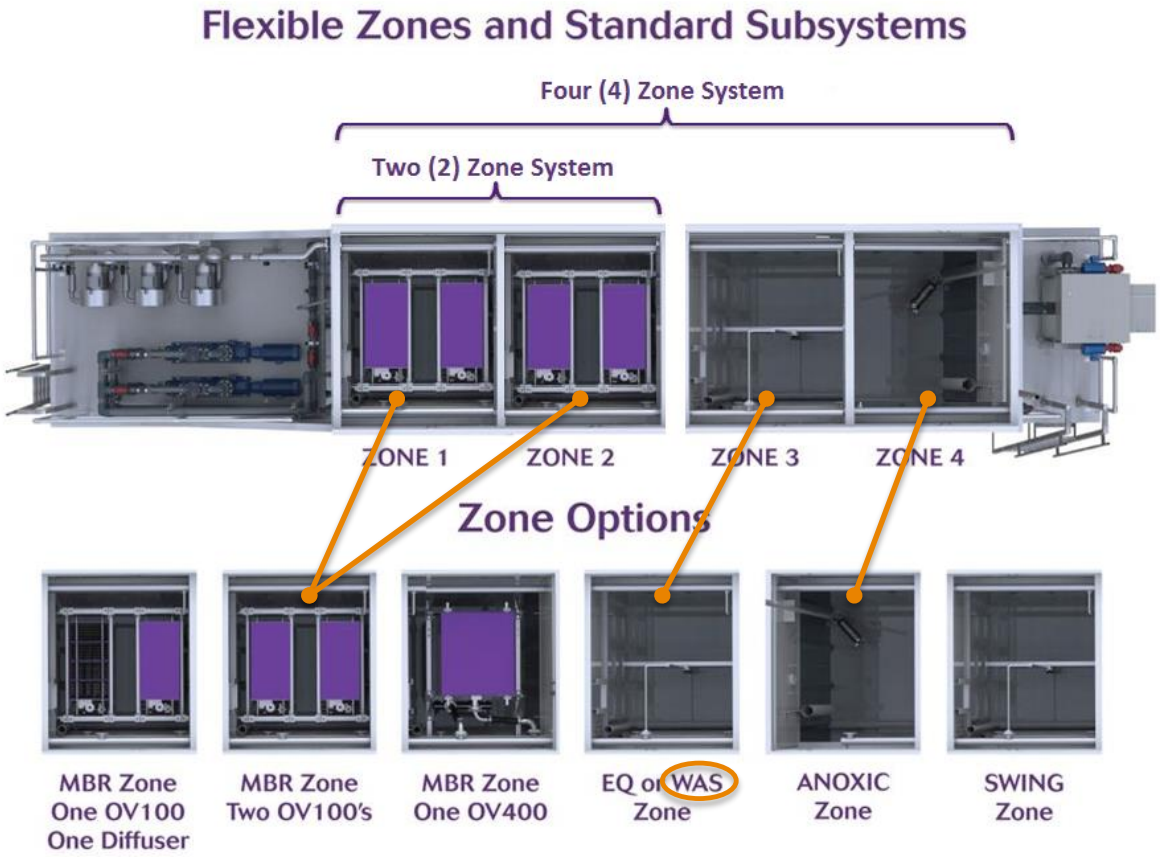


Zone Options



As an Example

Four Zone 2 Stage System with Dual MBR Zones, Anoxic and Sludge Storage



Tule River Tribe

Tribal project, new reservation treatment facility for residence, commercial building and casino.

Flow:	**75,000 gpd**
BOD Inf | Eff:	**300 mg/L | 5 mg/L**
TN Inf | Eff:	**40 mg/L | 10 mg/L**
NH3 Inf | Eff:	**28 mg/L | 1 mg/L**
TP Inf | Eff:	**8 mg/L | N/A**

Turks & Caicos Day Resort

Land based Cruise Center. Replaced failing SBR system

Flow:	**24,000 gpd**
BOD Inf | Eff:	**500 mg/L | 10 mg/L**
TN Inf | Eff:	**140 mg/L | 30 mg/L**
NH3 Inf | Eff:	**112 mg/L | 1.5 mg/L**
TP Inf | Eff:	**15 mg/L | 10 mg/L**

Sturbridge Travel Center

Travel Center with motel.
Replaced to failing RBC system

Flow:	**25,000 gpd**
BOD Inf | Eff:	**400 mg/L | 10 mg/L**
TN Inf | Eff:	**60 mg/L | 5 mg/L**
NH3 Inf | Eff:	**45 mg/L | 1 mg/L**
TP Inf | Eff:	**8 mg/L | N/A**