

CASE STUDY 1 – YORAQUASAFE™ INDUSTRIAL WATER DISINFECTION UPGRADE – BASRA, IRAQ



OVERVIEW

A leading oil & gas facility in southern Iraq struggled with biofilm growth and unreliable microbial compliance across its 5 km utility water network. Conventional chlorine dosing led to high OPEX, chemical storage risks, and operational interruptions.

CHALLENGES

- frequent chemical dosing and manual interventions
- Unpredictable microbial compliance in hot climates
- High OPEX from chemical procurement and logistics

BENEFITS

- Chemical-free disinfection via YORAquaSafe™ inline electrolysis
- Continuous microbial protection without human handling
- Reduced operational risk and improved reliability

25% OPEX Reduction

100% Compliance with microbial standards

5 km Network Coverage with YORAquaSafe™

