

WATER REUSE SOLUTIONS FOR CITIES AND INDUSTRIES

MAKING THE MOST OF EVERY DROP



AMERICA'S WATER RESOURCES ARE STRESSED

READY TO TAKE ACTION?

Water is a vital resource for America's communities and essential industries. It's time to act now to secure future water needs as supplies are threatened and the climate changes. Cities and companies adopting water reuse and recycling can progress toward their sustainability goals and become more resilient by protecting against drought risks, diversifying their water supply and saving costs.



WATER REUSE AND RECYCLING TECHNOLOGY EMPOWERS GOVERNMENTS AND ORGANIZATIONS TO PREPARE FOR THEIR FUTURES TODAY.

80%

of US counties faced a water shortage in 2023



<15%

of US companies have set water reuse or conservation goals



>50%

of municipal wastewater could be recovered through water reuse strategies



BEST-IN-CLASS WATER REUSE TECHNOLOGIES, OPERATIONS AND EXPERTISE



There's a wide range of ways to reuse water, but there is **no universal solution**. That's why we collaborate with communities and businesses to **develop innovative water solutions** that are customized to **meet local needs** and address unique technical challenges.

INNOVATIVE WATER REUSE APPLICATIONS

URBAN AND AGRICULTURAL REUSE

ENVIRONMENTAL REUSE

MUNICIPAL REUSE

INDUSTRIAL ON-SITE REUSE

GROUNDWATER RECHARGE

POTABLE WATER REUSE

MOST COMMON WATER REUSE APPLICATION

WETLANDS AND WILDLIFE HABITATS

TREATED MUNICIPAL WATER FOR INDUSTRIAL, RESIDENTIAL AND ON-SITE USE

ON-SITE RECYCLING FOR COOLING, BOILER AND PRODUCED WATER

RECHARGE OF GROUNDWATER AQUIFERS

DIRECT AND INDIRECT POTABLE USE OF TREATED WATER

PERFORMANCE COMMITMENTS

HOLISTIC NET ZERO WATER SOLUTIONS



PROVEN EXPERTISE IN WATER REUSE

ADVANCING SUSTAINABILITY GOALS WITH INNOVATIVE SOLUTIONS



For municipalities, utility districts, industrial producers, and commercial facilities, Veolia’s strong track record of implementing water conservation and reuse projects benefits by minimizing CAPEX and OPEX risks while delivering system performance.

Focus on your core businesses with peace of mind, knowing that **Veolia can help you:**



SAFEGUARD WATER QUALITY AND PUBLIC HEALTH



SECURE A RELIABLE AND SUSTAINABLE WATER SUPPLY



EXCEED REGULATORY REQUIREMENTS



REDUCE YOUR ENVIRONMENTAL FOOTPRINT



GENERATE COST SAVINGS

As the #1 water O&M leader in water reuse across North America, and the #1 producer of advanced filtration membranes for water reuse worldwide, you gain access to best-in-class technologies and highly trained operators, empowering your organization to achieve proven sustainable water management solutions.

CASE STUDIES



WASTEWATER RECYCLING FOR AGRICULTURE AND INDUSTRY IN HONOLULU, HAWAII

VOLUME OF WATER REUSED	NEARLY 12 MILLION GALLONS OF RECYCLED WATER PER DAY
PURPOSE/ APPLICATION	RECYCLED WATER POWERS INDUSTRIES AND IRRIGATES LANDSCAPES
LENGTH OF PARTNERSHIP	20-YEAR DESIGN/BUILD/ OPERATE (DBO) AGREEMENT
TREATMENT PROCESS	REVERSE OSMOSIS (RO) AND UV DISINFECTION
WATER CAPACITY	NEARLY 13 MILLION GALLONS OF SECONDARY EFFLUENT PER DAY



PBF ENERGY’S TOLEDO REFINERY IN OREGON, OHIO

VOLUME OF WATER REUSED	869 MILLION GALLONS OF RECYCLED WATER IN 2023
PURPOSE/ APPLICATION	RECYCLING WATER IS USED ON-SITE AS “MAKE-UP WATER”
LENGTH OF PARTNERSHIP	5-YEAR +1+1 TERM ON-SITE O&M
TREATMENT PROCESS	TERTIARY TREATMENT OR “POLISHING” USING SAND FILTERS
WATER CAPACITY	1,100+ MILLION GALLONS OF WATER PER YEAR

COMPLETE SOLUTIONS FOR YOUR NEEDS



IDENTIFY WATER REUSE OPPORTUNITIES



FLEXIBLE PROJECT DELIVERY MODELS



OPERATIONS AND MAINTENANCE SERVICES



CHEMICALS AND TECHNOLOGY



DIGITAL OPTIMIZATION

THE VEOLIA ADVANTAGE



#1 GLOBAL ENVIRONMENTAL SERVICE COMPANY

170 YEARS OF EXPERIENCE IN WATER MANAGEMENT

“A-” WATER SECURITY RATING BY CARBON DISCLOSURE PROJECT

20+ LARGE SCALE REUSE PROJECTS IN OPERATION IN NORTH AMERICA

200+ US WATER REUSE INSTALLATIONS EMPLOY VEOLIA MEMBRANE TECHNOLOGIES



Resourcing the world

**Learn more about
water reuse solutions:**



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