

SUSTAINABLE WATER RECYCLING AND REUSE SOLUTIONS THE DRIVE TO REUSE, RECYCLE, AND CONSERVE WATER

Water has become one of the world's most critical issues. The need for the sustainable management of water resources is affecting all sectors of the economy, from manufacturers that depend on large quantities of water in their daily operations to government agencies that are encountering resource constraints that impact their ability to serve the public.

Water is a money issue. The high cost of water treatment and wastewater discharge, increasing prices for water due to shortages or inefficient distribution, and the potential penalties for violations of wastewater discharge permits make efforts to reduce and reuse water a good economic decision.

Water is also a social issue. Demand to reduce excessive water use is increasing, and appropriate water management can be critical to maintaining a "license to operate." The public is more aware now than ever about water issues that affect their community and their environments.



Helping You Meet Your Water Challenges

Weston Solutions, Inc. (WESTON®) provides water reuse/conservation and sustainability management services to meet the challenges of diminishing water supplies.

WESTON has specialized in managing water resources for more than 50 years, including the following services:

- Water reuse/recycling
- Water and wastewater treatment
- Supply capacity/vulnerability
- Water distribution
- Watershed management
- Regulatory compliance

Our water management services can assist you in production/operations evaluation, technology selection and implementation, and third-party financing. WESTON's Water Management Services team offers a range of services to deliver your complete water management solution, including:

- Planning
- Design
- Procurement
- Construction management
- Startup
- Implementation



SERVICE SYNOPSIS

Sustainable Water Recycling and Reuse Solutions

Representative WESTON Services

- Needs and process evaluation
- In-process recycling
- Alternative beneficial reuse
- Cost/benefit analysis
- Engineering/design
 - Conceptual design
 - Process modifications
 - Detailed cost and schedule projections
- Compliance support
 - Regulatory analysis
 - Alternative process
 - Discharge options
- Sustainability
 - Water supply assessments
 - Vulnerability evaluations
 - Operations support



Sample Projects

Sheppard Air Force Base and Randolph Air Force Base, TX

Water Recycling System Reduces Demand for Water

WESTON has designed and installed four water reuse systems to date for aircraft washing operations that reuse essentially 100% of the water that falls to the ground. These systems minimize the amount of fresh water needed to wash the aircraft and the amount of water entering the sewer system, improve water quality, reduce the number of aircraft requiring rewashing, and reduce detergent use by 80%.

Confidential Industrial Client, PA and GA

Water Reuse Allows Expanded Operations to Remain in Compliance with Discharge Permit Limits

WESTON provided design/build services to construct two facilities that treat wastewater from vehicle washing operations and recycle a significant portion back into the washing process for reuse. This will enable the client to increase the size of its operations without a commensurate increase in the amount of wastewater generated or water consumed.

For More Information, Contact:

Your local WESTON office: <http://www.westonsolutions.com/about/locations.htm>

E-mail: info@westonsolutions.com

1-800-7WESTON

