



Water and Wastewater Treatment Equipment and Solutions



Water

Wastewater

Industrial

Minerals

**Services and
Operations**

World Leader - Process Experts - Customized Solutions - Innovative Design

WesTech provides process solutions for water and wastewater treatment, liquid/solids separation, and biological treatment needs in municipal, industrial, and minerals markets worldwide. We are proud that the equipment and systems we design, build, maintain, and operate are making the world a better place and creating a more sustainable environment for future generations.

Aerators - Water

ATOMERATOR™ Pressurized Aerator
Cascade Aerator
Forced and Induced Draft Aerator

Anaerobic Digestion

Ana-Flo™ UASB – Upflow Anaerobic Sludge Blanket
Digester Cover - Radial Beam and Truss Style
DuoSphere™ Dual Membrane Gasholder
ExtremeDuty™ Mechanical Sludge Mixer
Sludge Heating System

Biological Treatment

BioDoc™ Rotary Distributor
HydroDoc™ Rotary Distributor
LANDY-7 Slow Speed Surface Aerator
OxyStream™ Oxidation Ditch
PakTOR™ Packed Bed Reactor
STM-Aerotor™ IFAS System

Clarification

Adsorption Clarifier® System
Backwash Clarifier
Conventional Clarifier
CONTRAFAST® Thickening Clarifier
CONTRAFLO® Solids Contact Clarifier
COP™ Spiral Blade Clarifier
COP™ Suction Header Clarifier
Flocculating Clarifier
Metallurgical Clarifier
Pin Bed Clarifier
RapiSand™ Ballasted Flocculation
Sludge Sucker™ Sludge Removal System
Solids CONTACT CLARIFIER™
Suction Header Clarifier
Suction Pipe Clarifier
SuperSettler™ Inclined Plate Clarifier
Zickert Shark™ Sludge Removal System

Combined Sewer Overflow

WWETCO FlexFilter™

Dewatering

Filter Press
Horizontal Belt Filter
Rotary Vacuum Drum Filter
Vacuum Disc Filter

Dissolved Air Flotation (DAF)

Circular / Rectangular DAF Units
Dissolved Gas Flotation (DGF)
Dissolved Nitrogen Flotation (DNF)
R5 DAF Pre-Engineered Unit

Drives

Cage Drive
Drives with Lift
Dual Drive
Shaft Drive
Replacement, Retrofit, and Rebuild Options

Flocculation

Axial Blade Flocculators
Horizontal Paddle Flocculators
Vertical Paddle Flocculators

Filtration - Granular Media

CenTROL® Gravity Filter
ESSD® Washtroughs
Gravity Filtration System
LAZERFLO™ Low-Profile Underdrain
Manganese ANTHRA/SAND™
MULTIBLOCK® Filter Underdrain
MULTICELL® Horizontal Pressure Filter
MULTICRETE™ II Filter Underdrain
MULTIWASH® Filtration Process
MULTIWASH® PRO Trough
Pressure Filters [Vertical and Horizontal]
SuperSand™ Continuous Backwash Filter

Filtration - Specialty

Granular Activated Carbon Contactor (GAC)
Ion Exchange System
SuperDisc™ Disc Filter
SuperDrum™ Drum Filter
WWETCO FlexFilter™

Headworks Grit Removal and Screening

CleanFlo™ SHEAR™ Rotary Drum Screen
Grit Collector
Shafted Grit Screw Classifier
Vortex Grit Chamber

Industrial Screening

Linear Screen
Resin / Carbon Interstage Screen
WTR Cup and Drum Screen
WTR Fish Recovery and Return Screen
WTR Stationary Screen
WTR Talon Rake™ and Bar Screen
WTR Traveling Water Screen

Membrane Filtration

AltaPac™ Ultrafiltration Membrane System
Electrodeionization (EDI)
Nanofiltration and Reverse Osmosis System
Ultrafiltration Membrane System
VersaFilter™ Open-Platform Membrane System

Oil/Water Separation

Dissolved Air Flotation (DAF)
Oil/ Water Separators

Package Treatment Systems

AERALATER® Iron and Manganese Removal System
AltaPac™ Ultrafiltration Membrane Package System
Aquarius® Package Water Treatment Plant
Multi-Tech™ Pressurized Package System
RapiSand Plus™ Package Treatment Plant
Trident® HS Package Treatment Plant
Trident® HSC Package Treatment Plant
Trident® HSR Package Treatment Plant
Trident® Package Treatment Plant
Tri-Mite® Package Treatment Plant
Water Boy™ Package Treatment System

Tankage

Anchor Channel Tanks
Bolt Together Tanks
Elevated Tanks
Field Erection
Shop-Built Tanks

Thickening

AltaFlo™ High-Rate Thickener
CONTRAFAST® Thickening Clarifier
Conventional Sludge Thickener
Deep Bed™ Paste Thickener
EvenFlo® Feedwell
HiDensity™ Paste Thickener
HiFlo™ High-Rate Thickener
MudMax™ Bed-Level Instrument
Rotary Drum Thickener
Titan™ Traction Thickener
TOP™ Thickener Optimization Package

Many of these products are available as mobile and temporary systems or pilot plants.

Services and Operations

Our commitment to services and operations ensures that you get maximum performance from your plant operations. We provide insightful application and sizing knowledge to provide cost-effective process solutions, including complete engineer-design-procure-build-operate systems. These solutions are available for short-term, cyclical, and ongoing engagements.



Aftermarket Services

- Equipment Refurbishment and Rebuilds
- Field Service
- Maintenance Contracts
- Mechanical Troubleshooting
- Plant Installation Service



Laboratory Services

- Bench Scale Vacuum Filtration
- Jar Testing for BOD, COD, and TOC, TSS, Color, pH, and Turbidity Removal
- Sedimentation Testing for Clarifier and Thickener sizing



Mobile and Rental Solutions

- Ash Pond Dewatering and Closure
- Biological Treatment
- Coal Pile Runoff
- FGD Wastewater Treatment
- Frac Water Treatment
- Heavy Metals Removal
- Mine Water Treatment
- Oil, Grease, and Algae Removal
- Potable Water
- Secondary Clarification



Pilot Plants

- Industrial
- Minerals
- Municipal Water
- Municipal Wastewater



Plant Operations and Services

- Best-Equipment Implementation
- Full-Service Treatment Plant Maintenance
- Makeup Water Treatment Operations
- Plant Construction Oversight
- Process Audits
- Real Time Feedback and Operational Data
- Wastewater Treatment Plant Operations
- Water Treatment Plant Operations



Systems Integration

- Collaborative Delivery
- Design-Build and Design-Build-Operate
- Engineer Procure, Construction, and Construction Management
- Turnkey Solutions

**WESTECH IS
THE SUPERIOR
CHOICE FOR:**

Quality products,
superior customer
service/support

Design-build
and operations
solutions for water
treatment

Customized
solutions
with existing
equipment

Global network
of experienced
engineers and
agents

Founded in 1973, with headquarters in Salt Lake City, Utah, WesTech has over 500 employees around the world.