Add value to your next project by buying WesTech process equipment. Your customers will thank you for years to come.

WesTech equipment is designed and backed by experienced teams of engineers who know how to add value to each step of your treatment process. From equipment start-up through years of reliable operation, WesTech will help you meet every challenge. WesTech’s openness and responsiveness will exceed your expectations.

With WesTech you will experience:

• **Comprehensive customer service**
• **High-quality process equipment**
• **Unmatched responsiveness**
• **Proven treatment expertise**

**Municipal Drinking Water**

WesTech offers market-leading water treatment solutions with a full line of process equipment. Whether designing for groundwater or surface water, you will find your solution with WesTech.

**Municipal Wastewater**

WesTech has earned a solid reputation for reliable wastewater process equipment and service. WesTech provides an extensive line of treatment equipment to ensure success of newly constructed facilities and to improve the performance of existing ones.
Integrity
Expertise
Responsiveness
Quality Water Treatment

WesTech helps customers treat challenging water sources by implementing sound solutions with quality process equipment. Customers benefit from WesTech’s process expertise to produce better water for the communities they serve around the world.

**Groundwater**

WesTech offers a wide variety of equipment for groundwater treatment for potable use. Whether your treatment objective is gas removal, iron and manganese removal, color removal, softening, or even filtering a source under the direct influence of surface water, WesTech has your solution.

**Surface Water**

WesTech offers a holistic approach to surface water treatment for potable use. Depending upon the raw water quality, flow rate, and operational preferences, WesTech can provide conventional treatment systems, combination treatment units, package plants, high-rate processes, or even customized solutions.

Better Water!

WesTech has revived two of the most trusted and respected brands in water treatment. The engineers of Microfloc™ and General Filter products are the pioneers of today’s most standard and trusted water treatment processes.

See more at: westech-inc.com/betterwater
1. **Aeration**
Aeration is an effective and low-cost solution to oxidize iron and manganese. It can also provide high-efficiency removal of gases such as hydrogen sulfide, carbon dioxide, methane, and volatile organic carbons, which results in better process performance and/or improvement of taste and odor.

2. **Flocculation and Clarification**
Source waters with moderate-to-high turbidity and/or organics require pretreatment. WesTech can provide conventional layouts with separate flocculation and clarification, or combination units such as solids contact clarifiers and even high-rate processes that can squeeze into very small footprints. Need soft water? No problem, WesTech does that too.

3. **Filtration**
Filters come in all shapes, sizes, and configurations. WesTech will help you select the right filter. This might include a cluster filter with self-generating backwash, packaged steel tank filters, pressure filters, or even a membrane filter. Selecting filter internals such as underdrains, washtroughs, and media is just as important, and WesTech has more options and expertise than anyone else in the market.

4. **Thickening**
Gravity sludge thickeners are an easy and cost-effective approach to minimizing the volume of waste solids. Our experts size thickeners to achieve the highest concentration of sludge with the smallest footprint.

5. **Backwash Recovery**
Water conservation is an important consideration in today’s water treatment plants. Spent filter backwash treatment can easily be incorporated into your plant design or existing facility. WesTech solutions can result in a water recovery efficiency of >99%.

**Package Systems**
Package systems, like the Trident® HS, fit in small space requirements and provide high flow rates per unit area. These smaller systems remove turbidity, suspended solids, color, iron, manganese, taste and odor, and pathogens at a lower capital cost than conventional systems.
Reliable Wastewater Solutions

WesTech enjoys more than 40 years of experience in municipal wastewater treatment. WesTech starts with creating value and ensuring success for engineers, contractors, and plant operators. Customers praise not only WesTech’s equipment, but also their overall experience with WesTech’s team.

**Fast Response**
WesTech makes sure you receive all the needed details for your project design in a fast and responsive manner. WesTech’s detailed process calculations, drawings, and custom specifications help you get your job done faster.

**Ease of Installation**
With thousands of installations throughout the world, WesTech has gained the necessary knowledge to design equipment and provide support so that each installation goes as smoothly as possible. Contractors get full support in equipment installation and start-up.

**Quality Equipment**
Because of the quality systems WesTech employs, plant operators enjoy equipment with longer life cycles and lower maintenance costs. Equipment components are shop assembled prior to shipment to the job site. This simple step results in trouble-free construction and successful start-ups.

**Superior Customer Service**
WesTech takes pride in customer service and stands behind every project. As WesTech’s customer, you will know that WesTech is just as invested in the success of your project as you are.
1. Preliminary Treatment
Effective screening of inorganics and removal of grit improves the effectiveness of your downstream processes and the longevity of your equipment. WesTech’s full line of quality preliminary treatment equipment acts as a reliable first step in making your plant run efficiently and consistently.

2. CSO/SSO Treatment
WesTech offers equipment and solutions for combined sewer overflow (CSO) and storm sewer overflow (SSO) systems for those communities where excessive wet weather events can overwhelm the treatment plant.

3. Primary and Secondary Clarification
WesTech’s name is synonymous with innovative sedimentation solutions for primary and secondary clarification. WesTech’s vast experience, testing, and research of the clarification process provides clear effluent, increased overflow rates, and thicker underflow concentrations.

4. Biological Treatment
With the most efficient and reliable treatment processes available, WesTech can customize each biological treatment system to achieve your plant’s discharge needs.

5. Thickening
Thickeners improve the operation of your digestion process. WesTech’s gravity thickeners and rotary drum thickeners have a proven history. For biological nutrient removal applications or sites with limited area, dissolved air flotation thickeners offer many advantages.

6. Anaerobic Digestion
Whether for waste-to-energy or for conditioning of biosolids prior to disposal, WesTech offers complete digestion systems. WesTech’s systems provide effective and reliable solids storage, heating, and mixing of biosolids, as well as the capture of biogas to convert into usable energy.

7. Tertiary Treatment
With growing demand for high-quality effluent and the reuse of treated wastewater, WesTech has your solution. WesTech offers a full range of tertiary treatment equipment for new construction, plant upgrades, and in-basin retrofits.

One of the many possible WesTech wastewater treatment flow schemes.

over 7,000 wastewater installations
What You Might Not Know

WesTech is known for integrity, customer service, and process expertise. While it has long been an important player in municipal water and wastewater, there is a lot more to know about WesTech.

- WesTech is an **employee-owned company**. This creates a deep commitment to the success of each project.
- **Three major U.S. locations** include Salt Lake City, Chicago, and Ames.
- **International offices** include Brazil, China, India, and South Africa.
- **WesTech’s expertise in minerals** beneficiation is being used around the globe. WesTech’s products are in active use on every major continent.
- **Industrially**, WesTech equipment performs at refineries, power plants, agricultural operations, manufacturing sites, steel mills, and much more.
- In 2012, **WesTech acquired two** of the most highly preferred and well-known conventional water treatment lines in U.S. history. The innovative Microfloc and General Filter lines have loyal followings because of their superior engineering. This acquisition ties WesTech even more closely to municipal engineers and plant owners.
- WesTech has been operating for **more than 40 years** and now counts more than **15,000 installations worldwide**.
- **WesTech’s corporate goal** challenges us to provide greater value to our customers than any other competitor in the market.

Support and Service

Whether it is lab testing to determine the right process or having its field service personnel install new parts, WesTech commits to keep your plant running.

- **Electrical / programming**
- **Field service**
- **Full-service parts department**
- **Lab testing**
- **Upgrades and retrofits**
Demand WesTech

All equipment is not equal. All projects are not equal. All companies are not equal.

**WesTech’s Value**

Talk to our team and to your local representative to learn how WesTech improves your project. We’re confident your experience with WesTech will be one of the best experiences in your career. Additionally, we will deliver more long-term value and reliability to your project than any other competitor in the market.

Global Response

WesTech equipment includes the support of a global network of experienced engineers and qualified sales agents. WesTech maintains offices and partnerships throughout the world to give you access to our products and services. Contact WesTech to arrange a visit with a local representative in your area.
Aerators
ATOMERATOR™ Pressurized Aerators
Cascading Aerators
Forced Draft Aerators
Induced Draft Aerators

Biological Treatment
BioDoc™ Rotary Distributors
BioTreaters™
ClearLogic™ MBRs
HydroDoc™ Rotary Distributors
Landox Process
OxyStream™ Oxidation Ditches
Slow Speed Surface Aerators
STM-Aerotor™ IFAS Systems

Clarifiers
Adsorption Clarifiers®
Buoyant Media Clarifiers
CONTRAFAST® Thickening Clarifiers
CONTRAFLO® Clarifiers
COP™ Clarifiers
COP™ Suction Header Clarifiers
Flocculating Clarifiers
RapiSand™ Ballasted Flocculation Systems
Rim Drive Clarifiers
Solids CONTACT CLARIFIERS™
SPIRACONE™ Clarifiers
Suction Pipe Clarifiers
SuperSettler™ Clarifiers
Traveling Bridge Clarifiers
ZICKERT Shark™ Sludge Removal System

Dewatering
Ceramic Disc Vacuum Filters
Disc Vacuum Filters
Horizontal Belt Vacuum Filters
Plate and Frame Filters
Precoat Vacuum Drum Filters
Rotary Vacuum Drum Filters
Tower Press Filter

Digestion Equipment
Cleanergy GasBox™
DuoSphere™ Digester Covers
DuoSphere™ Gasholders
ExtremeDuty™ Sludge Mixers
Heat Exchangers
Steel Beam Covers
Steel Truss Covers

Dissolved Air Flotation
DAF Clarifiers / Thickeners
DGF / DNF Clarifiers

Drives
Dual Output Drives
Peripheral Traction Drives
Precision Bearing Drives
Cage Drives
Shaft Drives
Rake Lifting Mechanisms
Replacement Drives

Filtration
- Cation Exchange Softeners
- CenTROL® Gravity Filters
- ESSD® Washtroughs
- Granular Activated Carbon Filters
- MULTICELL® Horizontal Pressure Filters
- Multi-Tech™ Multiple Barrier Filters
- MULTIBLOCK® Filter Underdrain
- MULTICRETE™ II Filter Underdrain
- MULTIWASH® Filtration Process
- Open Top Gravity Filters
- SuperDisc™ Filters
- SuperSand™ Filters
- Vertical Pressure Filters
- WWETCO FlexFilters™

Flocculation
- Horizontal Paddle Flocculators
- Vertical Paddle Flocculators

Grit Removal
- CleanGrit™ Washers
- Gritt Mitt™ Classifiers
- Vortex Grit Separators

Membranes
- AltaFilter™ Ultrafiltration
- AltaPac™ Ultrafiltration
- ClearLogic™ MBR
- Reverse Osmosis

Package Treatment Systems
- AERALATER® Iron Removal Systems
- AltaPac™ Ultrafiltration Systems
- Aquarius® Systems
- BioTreaters™
- ClearLogic™ MBRs
- STM-Aerotor™ IFAS Systems
- Tri-Mite® Package Water Treatment Systems
- Tricon™ Adsorption Clarification
- Trident® HS Package Water Treatment Systems
- Trident® HSC Package Water Treatment Systems
- Trident® HSR Package Water Treatment Systems
- Trident® Package Water Treatment Systems
- Water Boy™ Packaged Systems

Screening
- CleanFlo™ Screens
  - CleanFlo™ All-In-One Combined Headworks Systems
  - CleanFlo™ Element Belt Screen
  - CleanFlo™ Monoscreen® Fine Screen
  - CleanFlo™ MultiRake Bar Screen
  - CleanFlo™ Rotoscreen® Fine Screen
  - CleanFlo™ SHEAR™ Rotary Drum Screen
  - CleanFlo™ Spiral Screen
  - CleanFlo™ Vertical Spiral Screen
- CleanWash™ Screenings
- Washer / Compactors
- Pressure Screw (SWP/CPS)
- ROMAG CSO Deflection Screens
- Septage Receiving Stations

Thickeners
- AltaFlo™ High Rate Thickeners
- CONTRAFAST® Thickening Clarifiers
- Deep Bed™ Paste Thickeners
- Gravity Sludge Thickeners
- HiDensity™ Paste Thickeners
- HiFlo™ High Rate Thickeners
- Traction Drive Thickeners

Other
- Carbon Retention Screens
- Electrical Control Systems
- Installation and Electrical Services
- Ion Exchange Systems
- Linear Screens
- Magnetic Belt Separators
- Oil/Water Separators
  - Rectangular
  - Circular
- Scale Pit Scraper/Skimmers
- Sludge Sucker™ Sludge Removal Systems
- Parts and Field Service

See our website or contact us for the latest equipment line.
westech-inc.com or 801.265.1000