



**MONROE**  
ENVIRONMENTAL  
Water & Wastewater Treatment | Air Pollution Control

# WATER & WASTEWATER TREATMENT

SYSTEMS, SERVICES, & SOLUTIONS



[www.mon-env.com](http://www.mon-env.com)

# WATER & WASTEWATER SYSTEMS & EQUIPMENT



**Monroe Environmental® offers a broad range of water and wastewater systems and equipment** for eliminating and minimizing a wide spectrum of pollutants such as suspended solids (TSS), dissolved solids (TDS), dissolved and precipitated metals, oils, grease, floating material, scum, and VOCs from virtually all types of water and wastewater sources and applications. These systems include both standard, stand-alone systems for more conventional applications and custom-designed, multi-stage systems for specialized or unique applications.

Monroe's water and wastewater systems are engineered, designed, and fabricated to the highest possible standards for meeting or exceeding facility-specific requirements, site conditions, and regulatory standards. Our complete in-house fabrication capabilities and intensive quality control measures serve to ensure that each system is manufactured correctly and as needed for achieving successful, long term, and reliable performance.

## Water and Wastewater Treatment Systems

Monroe's water and wastewater systems typically comprise any or a combination of the following technologies:

- **Circular Clarifiers and Thickeners**
- **Parallel Plate Clarifiers**
  - Vertical (Lamella-type)
  - Horizontal (Cross-flow)
- **X-Flo Mobile Clarifiers™**
- **Plate Settlers and Sludge Collectors**
- **API Oil/Water Separators**
- **Oil Recovery Units**
- **Air Stripping Towers**
- **Custom Clarifiers and Separators**

Monroe's experienced engineers ensure that the water and wastewater technologies, components, stages, configurations, orientations, arrangements, materials of construction, and the like are correct and properly designed for each application and the site-specific requirements of each customer on an individual basis.

## Auxiliary Equipment and Packaged Systems

In addition to providing water and wastewater clarifiers and separators, Monroe offers an array of equipment, components, and devices typically needed for enabling a complete turnkey installation. These include but are not limited to the following:

- Control and instrumentation systems
- Chemical storage and feed systems
- Equalization and storage tankage
- Dissolved air flotation systems
- Sludge handling systems
- Filtration and dewatering systems
- Access platforms, ladders, stairways, and walkways
- Pumps, piping, valves, and fittings

## Spare/Replacement Part Supply

- Stocked inventory of spare/replacement items; Monroe and others
- On-demand inventories and deliveries
- Expedited emergency replacement deliveries
- And more

# SERVICES & SOLUTIONS



**Monroe Environmental is an exceptional water and wastewater treatment firm**, and our excellent reputation and unqualified success are largely due to our integral combination of offerings comprising superior quality water and wastewater systems, an encompassing array of services, and in our proven ability to identify optimum solutions to challenging water treatment problems.

Monroe's ability to ensure successful, cost-effective installations with long-term reliable performance is mostly attributable to our full menu of service offerings. Such services range from technical and engineering design to support through startup, commissioning, and post-acceptance. Additional support such as maintenance and repair plans, spare parts and component replacement, and turnkey installation services make Monroe Environmental a valuable partner for your water and wastewater projects. Our services include but are not limited to the following:

## Technical and Engineering Support Services

- Evaluations and troubleshooting of existing systems and problems
- Assessments for new and replacement systems
- Environmental permitting and compliance assistance
- System sizing and general arrangement drawings
- Mechanical, electrical, and structural requirements
- PLC programming and HMI interfacing
- Cost estimating and budgeting
- Testing and water quality analysis
- And more

## Turnkey Construction-Related Services

- Equipment installations
- Construction management and administration oversight
- Startup and commissioning
- Operator training and O&M Manuals
- Performance and compliance testing
- And more

## On-Site Services, Maintenance, and Repair

- Annual/as-needed service and preventative maintenance
- Emergency service, troubleshooting, and support
- On-site servicing, adjustment, repairs, and replacements
- Extended warranties
- And more

## Piloting and Testing Programs

- Pilot clarifiers available for rent
- Installation and operation services
- On-site support
- System optimization
- Data and analysis reports



# ABOUT MONROE ENVIRONMENTAL

## Unsurpassed Experience and Reputation

Monroe Environmental is a premier provider of water and wastewater treatment systems and services in the United States and throughout the world. Since 1970, Monroe has provided thousands of pollution control systems for industrial, municipal, institutional, commercial, and government facilities. We have installations throughout North America, from northern Canada to southern Mexico, and around the globe. As a testament to our outstanding reputation, some of the largest and most prestigious manufacturing companies and municipalities in the world routinely turn to Monroe to solve their most challenging water quality and wastewater treatment problems.

## One-Stop Shopping – Systems, Services, and Solutions

Monroe is a full-service company offering a complete line of water and wastewater treatment systems and equipment that are designed, engineered, and manufactured for the needs of each customer and application on an individual basis. We have complete in-house fabrication and shop assembly capabilities that serve to reduce project costs, provide superior quality control, and expedite project completion times. We also have the experience and capabilities to provide turnkey installations along with a wide array of related services ranging from engineering and design through permitting, project management, and commissioning.

Monroe's staff of engineers, technicians, and project managers is highly experienced at evaluating, custom-designing, fabricating, installing, and commissioning cost-effective, durable, and reliable water and wastewater treatment systems. In addition, in order to help ensure continued successful system operations with minimal downtime and peak efficiencies, we offer a complete menu of support options that include extensive spare and replacement part inventories, as well as annual, as-needed, and emergency on-site services.



## Experience the Monroe Difference

The foundation of Monroe's unrivaled success, reputation for excellence, and continued growth is our commitment to providing each customer the highest levels of service and support in combination with the best, highest quality and most cost-effective systems for ensuring long-term successful operations. This, combined with our top-notch staff, in-house capabilities, and wide array of offerings distinguish Monroe Environmental as one of the finest water and wastewater treatment firms.

Contact us today and let us help determine the best solution to your water quality or wastewater treatment needs. Join the ranks of countless satisfied customers who have experienced the Monroe difference.

[www.mon-env.com](http://www.mon-env.com) • Registered ISO 9001:2015 and ISO 14001:2015



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