Monroe Environmental® provides liquid clarification technologies for a variety of water treatment processes at nearly every type of industrial manufacturing plant and municipal treatment works, including those in the following fields:

**Automotive Manufacturing | Chemical Processing | Food Processing | Glass & Plastics**  
**Mining & Metals | Oil & Gas | Pulp & Paper | Steel Processing | Utilities/Energy | Waste Management**

### Vertical Plate Clarifiers
- Suspended solids and dissolved metals removal
- Industrial process/wash liquids clarification
- Filter backwash clarification
- Integral flocculation and pH adjustment capabilities
- Variety of sludge thickening and removal configurations
- Integrated systems with chemical treatment and sludge processing

### Circular Clarifiers
- Primary and secondary clarification
- Solids Contact and flocculating designs for lime softening and chemical treatment
- Sludge thickeners
- **Clarifier Rebuilds** for existing units
- Steel tanks available or internals for concrete tanks
- Variety of sludge collection designs
- Heavy duty and high torque designs available

### Plate Settlers and Sludge Collection
- Increase solids settling capacity of new and existing sedimentation basins for municipal and industrial water treatment applications
- Low cost alternative to building new settling tanks
- New, retrofit, and rebuild services
- Can include a **Monroe Sludge Collection System**

### Horizontal Plate Clarifiers
- Same settling characteristics as Vertical Plate Clarifier
- Able to collect floatable materials as well as settleable solids
- FOG (Fats, oils, grease) removal and recovery
- Reduced headroom requirements
- Able to replace circular clarifier in many applications

### API Oil/Water Separators
- Oil/water separation and recovery at industrial wastewater treatment plants
- Oil refineries
- Tar sands
- Power plants
- Steel manufacturing
- Chemical manufacturing
- Applications removing oil from water

### Air Strippers
- Groundwater remediation at water treatment plants to remove VOCs
- Remediation of surface or ground water for use in industrial manufacturing processes
- Removal of odorous compounds and VOCs from water streams

HQ – Monroe, MI: **800-992-7707**, sales@mon-env.com  
Houston, TX: **844-465-6700**, texas@mon-env.com  
**www.mon-env.com**  
*Registered ISO 9001:2015 and ISO 14001:2015*
Air Pollution & Odor Control

Monroe Environmental® provides air pollution control technologies for a variety of air/gas treatment processes at nearly every type of industrial manufacturing plant and municipal treatment works, including those in the following fields:

Automotive Manufacturing | Chemical Processing | Food Processing | Glass & Plastics
Mining & Metals | Oil & Gas | Pulp & Paper | Steel Processing | Utilities/Energy | Waste Management

**Packed Bed Scrubbers**
- Removal of soluble pollutants, odors, and acid gases from municipal and industrial air streams
- FRP, PVC, CPVC, polypropylene, stainless steel, and specialty alloys
- Quench towers
- Removal of $\text{H}_2\text{S}$, $\text{HCl}$, $\text{HF}$, $\text{SO}_2$, $\text{NH}_3$, $\text{HCN}$, $\text{HNO}_3$, formaldehyde, and many other soluble pollutants
- Chemical feed systems
- Scrubber blowdown wastewater treatment systems

**Venturi Scrubbers**
- Particulate removal from industrial air streams and process gases, including flue exhaust
- Dryer exhaust scrubbing
- Buffing operations
- Cast iron machining fines
- Explosive dusts
- Fiberglass fines
- Forging and foundry dust, fumes
- Machining and grinding dusts
- And many others

**Multi-Stage Scrubbing Systems**
- High temperature and volatile chemical processes
- Kiln, RTO, boiler, dryer, and incinerator exhaust scrubbing
- PM (particulate matter) removal and acid gas neutralization
- Metals, dioxin/furan, mercury, and opacity control
- Flame laminating and glass coating operations

**Carbon Adsorbers**
- Removal of VOCs, odorous compounds, oil vapors, and gas phase hydrocarbons
- Municipal water and wastewater treatment odors
- Industrial emissions from paint spraying, paper coating, plastic film coating, metal foil coating, rubber coating, and printing
- Odor control for food processing and other industrial process applications

**Dust Collectors**
- Removal of airborne dust from manufacturing and processing operations
- Bulk solids handling
- Chemical processing
- Dry machining and grinding
- CNC operations
- Powder coating
- Shot blast
- Welding and metal cutting operations
- MQL machining
- Fire protection available

**Mist Collectors**
- Mist, oil, smoke, and vapor removal from metal cutting fluids, metal processing coolants, processing oils, and other mist applications
- Metal cutting, forming and machining
- Parts washer exhaust
- Steel and aluminum processing
- Rolling mills
- Synthetic fiber processing

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