

Industrial Wastewater Treatment

“Too often the approach to industrial wastewater treatment is to direct all of a facility’s wastewater flow to a centralized, one-size-fits-all, treatment unit - resulting in high operating costs, chemical interferences, and continual troubleshooting.”

SERVICES:

- **Wastewater Management**
 - Wastewater Sampling
 - Baseline/Discharge Monitoring Reports
 - Bench Scale Treatability Studies
- **Wastewater Treatment**
 - System Design/Specifications (AutoCAD drafting—layout process flow, PID)
 - Treatment Unit Construction and Installation
 - Project Management
- **Pollution Prevention**
 - Water Reuse
 - Process/Chemistry Modifications
- **Operator Training**
- **Turnkey System Design and Installation**
- **System Guarantees**



OUR APPROACH:

Pinnacle’s approach to wastewater treatment is to break down the treatment needs into similar treatable waste streams. Once the problem streams have been identified, they can be isolated and treated separately.

BENEFITS TO YOU:

By using individualized treatment units, each system can be customized to handle a specific problem. Thus, operational methods and the treatment used can be more precise, resulting in lower operating costs, fewer operational problems and improved regulatory compliance.



PINNACLE SOLUTIONS:

- After various equipment vendors had proposed several types of treatment systems to remove lead from the discharge of a parts washer, Pinnacle’s engineers determined that using hot water, without the heavily chelated cleaner, and a simple filtration system which removed the lead particulate before it was brought into the solution, provided adequate cleaning. The cost was less than a quarter of the other options.
- Pinnacle provided complete turnkey system design for a 20 gpm wastewater treatment system - including design management, developing the technical specifications, coordinating the selection of contractors, and providing installation and operator training. The system replaced an older system that was plagued by corrosion, high operator costs, and technical problems.