



Water Treatment Evaluation

SIMPLE, CAPABLE, PROVEN.

At Clear Water, we're always improving. There's no one right way to do everything, but there is a right way forward for you.

Clear Water believes strongly in water quality evaluation and treatability testing to prescribe the best approach possible.

The experienced water quality scientists and treatment technicians at Clear Water offer engineers and end-users a set of complete real-world water treatment evaluation tools from the lab bench, to pilot and full-scale systems.

TREATMENT FOR

PFAS
Turbidity/TSS
pH
Total Metals
TPH
Oil and Grease
BTEX
PCBs, PAHs, VOC and CVOCs
Phosphorous and Nitrogen
BOD, COD and TOC
Fecal coliform

THE CLEAR WATER APPROACH

Initial Site Evaluation
Water Quality Assessment
Water Quality Characterization
Bench-Scale Treatability Testing
Pilot to Full-Scale Treatment System
Pilot-Scale Water Treatment Report



Bench-Scale Treatability

As stormwater quality varies from each project, as does the treatment technology.

By conducting simple **Water Quality Characterization** and **Bench-Scale Treatability**, Clear Water lab technicians can determine whether an active or passive treatment technology is suitable for the sites stormwater and also narrow down treatment chemistries and/or adsorptive multi-medias that would be suitable in a permanent stormwater treatment application.



Pilot Testing

The **Mobile Pilot Treatment System** is designed to model many different full-scale active and passive technologies on-site in flow-through or batch mode.

The **Mobile Pilot Treatment System** is a dynamic low-flow 1-5 gpm system that is configured to quickly and easily switch between different treatment technologies and modes on-site. This all-in-one system requires no on-site move/demove time or external power.

The **Mobile Pilot Treatment System** also comes deployed with a lab for on-site sampling and analysis. These features combine to allow for a very cost effective and usefull tool to compare different treatment methods



Treatment Technologies

- Chemical Coagulation/Flocculation
- Chemical Precipitation
- Pressurized Particulate Filtration
- Passive Filtration & Sorption
- pH Neutralization
- Dissolved Air Floation
- Electrocoagulation

General Specifications

- 0.5 - 5.0 GPM Influent/Effluent Flow Rate
- 24' x 8.5' Footprint
- Diesel Generator; 240V 60HZ 1-ph
- In-line flow meters, turbidity meters, pH, etc.
- PLC Monitoring and Controls
- Water Quality Data Collection and Management

