

CS-Series 40



The CS-40 is a patented mobile unit designed to treat sediment-laden stormwater, groundwater, and industrial wastewater.

Applications

The CS-40 is constructed in a Conex box and designed to be the centerpiece of a modular, mobile treatment system.

Operating Capacity

Discharge/Treatment Rate: 1,000 - 5,000gpm

Versatility

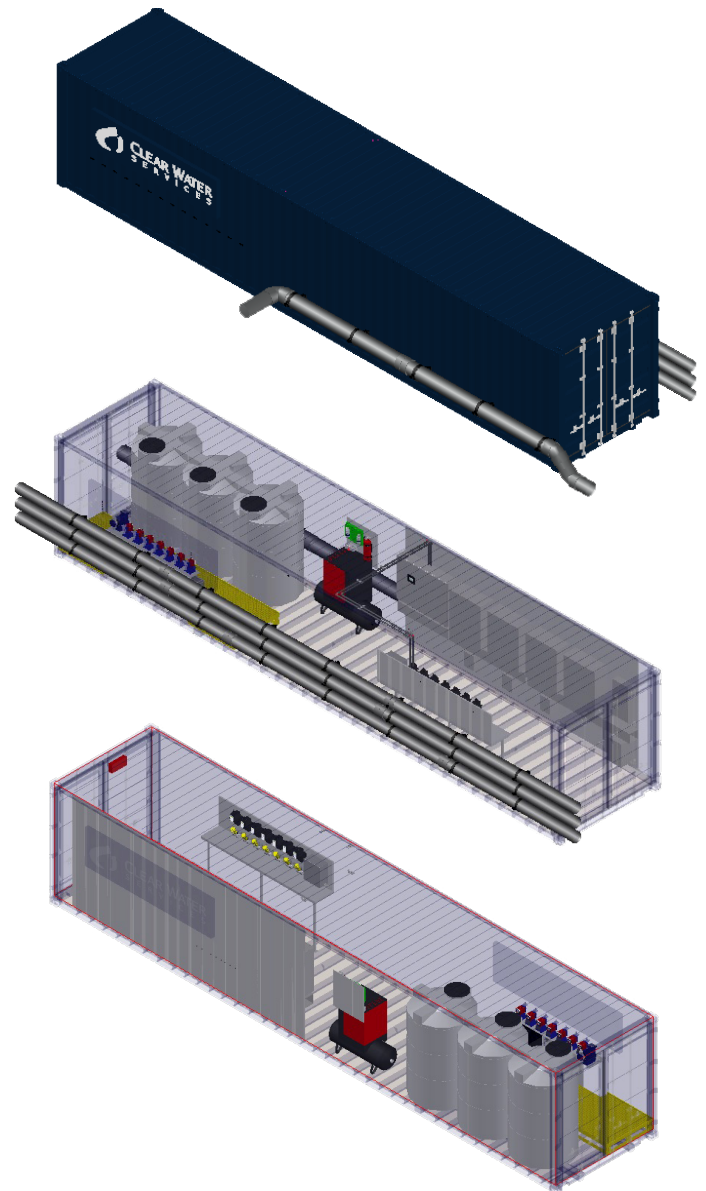
The CS-40 addresses multiple constituents of concern including turbidity, pH, metals, hydrocarbons, and pesticides.

In addition to being the control unit for the treatment system components, The CS-40 is designed to act as an on-site laboratory, monitoring station, and weather station.

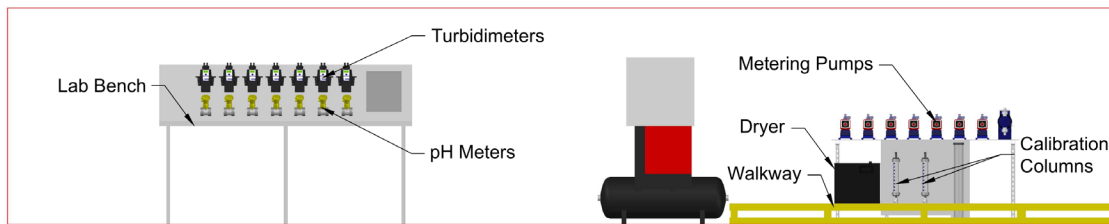
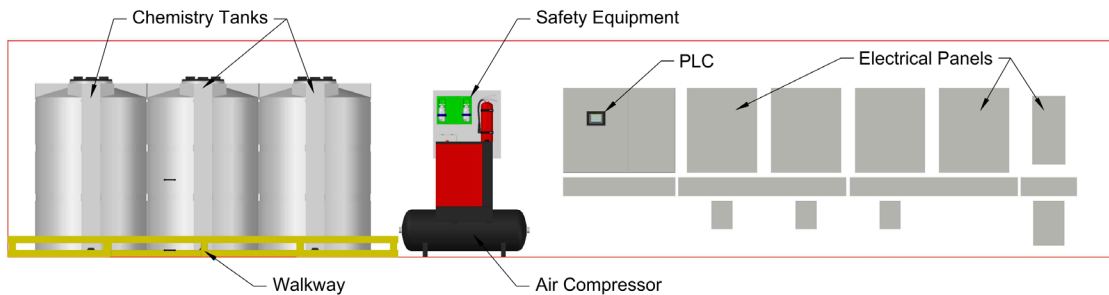
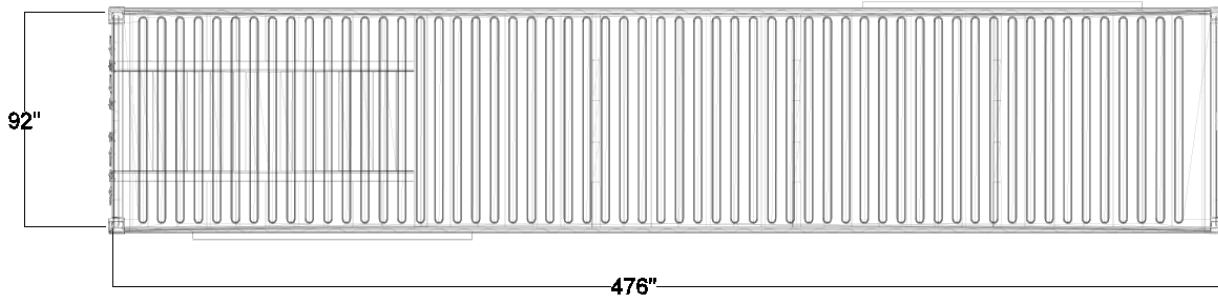
Smart Features

The CS-40 is equipped to remotely transmit water quality and alarm data information and includes system safeguards like automatic re-circulation if needed.

The available on-site weather station, tank/pond level monitoring, and email messaging alarm warning provide a safety network unlike any other in the industry.



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System features

Standard:

Modular Unit Capable of Addressing Multiple Pollutants of Concern

System Safeguards to Disallow Discharges Above Preset Parameters

Monitoring of Influent & Discharge Water

Radio Telemetric Data Collection & Transmission

Self-Contained Lab & Weather Station

Add-On:

Additional Chemical Storage

Dashboard-Ready Configuration

General overview

Footprint:

40'L x 9'W x 8'6"H

Exterior Sand Filters

Control Options:

Micrologix 1400/1500 PLC
HMI Interface

Power Requirements:

100 - 400A
480V 3-Phase

Automated Features:

Automated Backflush Controls
Alarm & Text Messaging Transmission