



Water / Wastewater Division

In a World of Technology - Quality Makes the Difference

Applications Wastewater Treatment

- Refinery Unit Water
- Metal Surface Prep
- Steel Cooling
- Bilge and Ballast
- Food Processing
- Wet Scrubbing
- Groundwater
- Chemical Processing
- Tank Cleaning
- Barge Cleaning

Related Components for System Completion

- Vapor retention covers.
- Inert gas headspace
- Non-Shearing Pumps
- Emulsion Breaking
- Chemical Dosing
- Metal Precipitation
- pH Control
- Main Control Panels
- Holding Tanks
- Sludge Pumps
- Transfer Pumps
- Bag Filters
- Multi-Media Filters
- Oil Sorbent Filters
- Effluent Instruments
- Effluent Recording
- Platforms and Stairs
- Carbon and OrganoClay

The OCS — Open Channel Oil Water Separator

The OCS Oil Water Separator is a high performance open channel or API type oil water separator that is designed according to API publication 421 criteria, the industry authority on oil water separation science.

The OCS is designed to provide reliable performance when separating bold, thick and viscous oily substance from water.

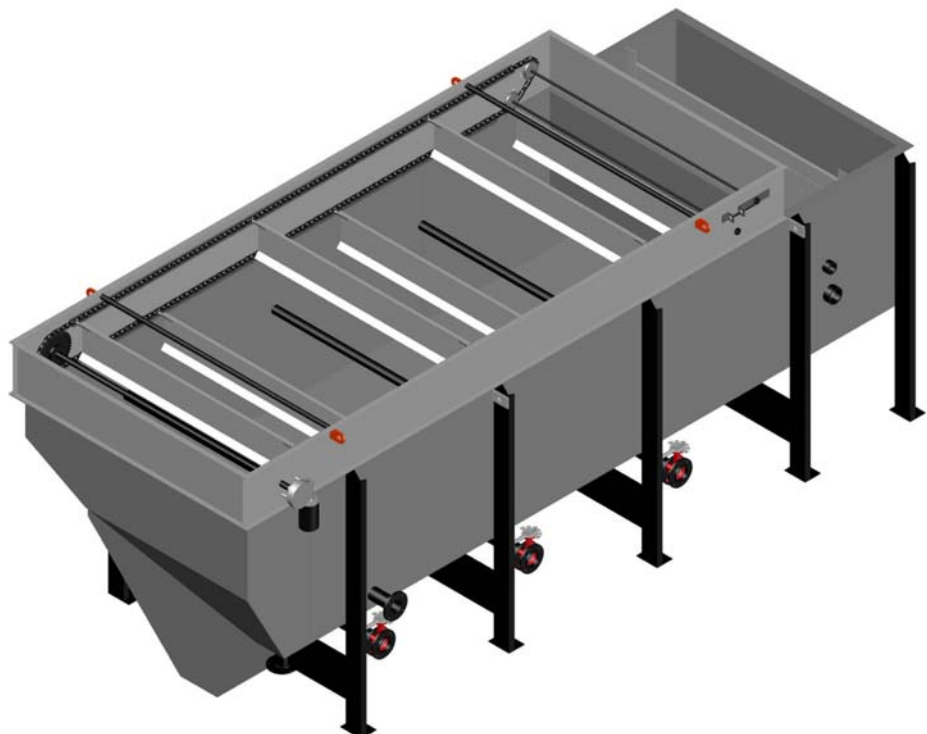
The OCS does not use any medias that can clog, it exploits oils natural tendency to rise or sink in water. The OCS is not prone to clogging like a coalescing media separator would but as a result it cannot provide the same effluent performance as coalescing media does. This Oil Water Separator is designed with a mechanical surface skimmer to remove otherwise non flowing substance (oil, tar, muck). The OCS has a sloped bottom with sludge outlets for settlable substances (sludge, solids) and can be provided with a mechanical bottom auger for improved bottom sludge removal. The OCS can be retro fitted with our SRS Saturated Recycle System which then converts it to a DAF float Flotation system.

The OCS Oil Water Separator is available in 11 standard sizes.

APPLIED MECHANICAL TECHNOLOGY—A WORLD CLASS SUPPLIER

Applied Mechanical Technology is a *FULL SERVICE* supplier to the water/wastewater industry. We not only design and build the core technology of our systems and equipment but we also install, optimize, startup, train operators and service them too. If you need a simple oil water separator—or a complete industrial wastewater system, Applied Mechanical Technology has the resources to help you from design to completion.

Value by Design—High Performance and Low Cost



APPLIED MECHANICAL TECHNOLOGY L.L.C. WATER / WASTEWATER DIV

PO Box 530
135 Industrial Dr
Mokenca IL 60954

Phone: 815-472-2700
Fax: 815-472-2930
www.AppliedMechTech.com