

OIL WATER SEPARATOR MANAGEMENT

Enviremedial Services, Inc.

esicleanwater.com



Clean, recycled water for reuse in the Oil Water Separator



Top: Separated Oil Ready for Recycled Use
Bottom: OWS Effluent Before and After Treatment

Answering the Military's Environmental Needs

Enviremedial Services Inc. specializes in the management, cleaning and recycling of effluent from oil water separators (OWS) and storage tanks. Unlike traditional pumping companies, we pump and clean the OWS effluent by processing it through our mobile recycling units. As the effluent is processed, water and oil are separated. The water is polished and temporarily stored on-site while the OWS is pressure washed. The stored, clean water is then returned to the OWS. This saves the cost of hauling off perfectly reusable water, as well as the cost of refilling the OWS to operational capacity with fresh water. Water is usually about 90% of the waste found in an oil/water separator. We return back to your facility recovered oil and fuel with less than 5% water, which will in most cases meet facility recycling standards.

These techniques help military installations improve compliance with P2 goals to reduce polluted waste at the source.

Firm, Fixed Price Management Program

ESI inspects the OWS and cleans each one whenever required, but at a minimum of twice per year. This is a true benefit of our service: we do not just clean on a pre-set schedule, or wait until told to do so. Under our management program, we clean the OWS whenever and as often as necessary to keep them in top working condition. In most cases, we can clean and/or wash sediment to acceptable to landfill standards. This means that your waste accumulation point will be receiving far less waste than would be expected with a traditional pumping service.

Our DOD contracts have shown tremendous savings:

- From January 1, 2004 to today, Marine Corps Base Camp Pendleton, CA has **saved over 1 million gallons of water, with 99.1% waste minimization**, versus traditional pumping services.
- Ft. Bliss, Texas has seen **3.6 million gallons of water saved and 100% waste minimization** during the same time period.
- By their own calculations US, Army Reserves **saved \$180,000 and reduced waste 83%** in the first year of their contract with ESI.

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