



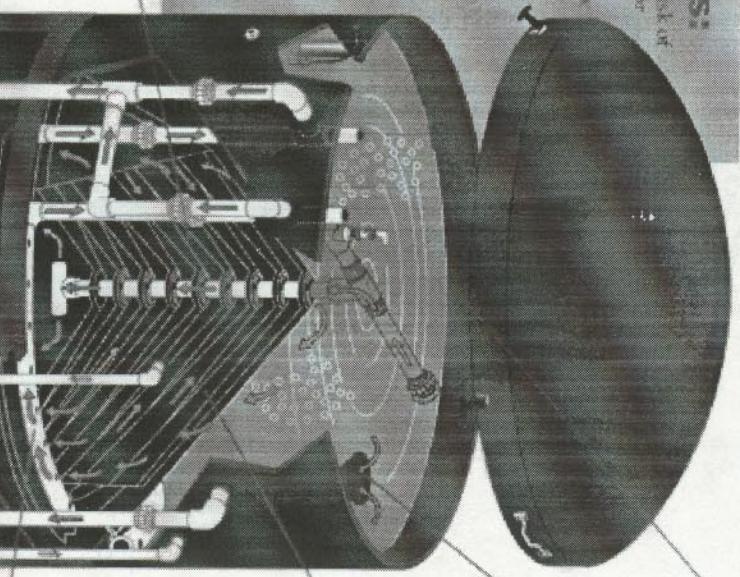
SELF-CONTAINED WASH-WATER RECYCLING SYSTEM WITH ABOVE-GROUND OIL-W

CLP Advantages:

- ▶ Above-ground system reduces risk of spills and leaks and the need for large, costly below-ground pits.
- ▶ Self-contained system on a single platform makes installation remarkably simple and quick.
- ▶ User-friendly, above-ground sludge disposal system.
- ▶ Replaceable and backwashable filters for lower operational and maintenance costs.
- ▶ Unique, deep pitched cones—any pack optimizes oil-water solids separation.
- ▶ Chemical monitoring and injection system for introducing flocculants and other chemicals to further enhance the CLP's cleaning capabilities.

Ten Coalescing Cones: Cone-shaped coalescing plates, made of oil-loving polypropylene, provide several benefits: (1) 140-340 sq. ft. of oil-coalescing surface area (most clarifiers have none); (2) Cones are angled at 55° for optimum oil-water-solids separation (see Stokes' Law); and (3) They force the water flow to slow even more, which enhances the separation process and prevents channeling.

Clear Tubing: For constant monitoring of water flow.

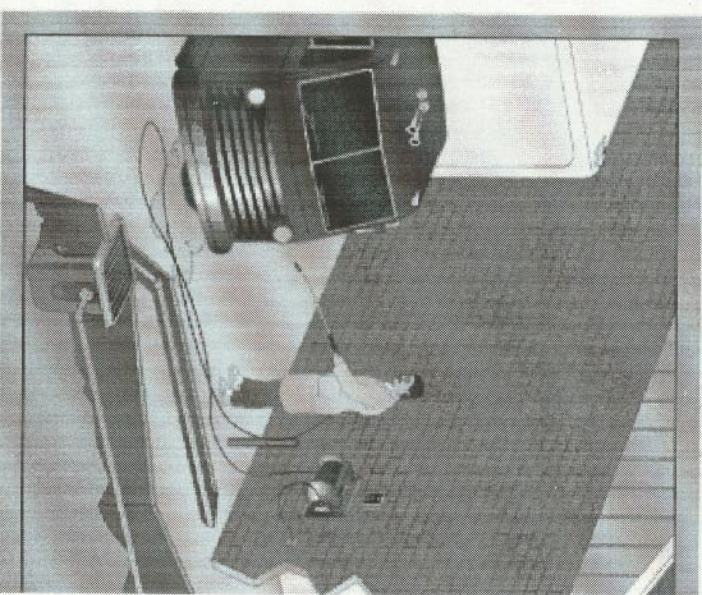


Chemical-Resistant Tank: 300-600 gallon, extra-strength, cross-linked, polyethylene tank is resistant to corrosion and chemicals—unlike clarifiers with steel tanks.

Oil Skimmer: Adjustable for automatic removal of oil, which is deposited in a waste-oil container where water is easily decanted for enhanced waste minimization.

Cone-Shaped Design: One of the "secrets" of this system is how effectively it slows the flow of the water thus enhancing the settling of solids. The cone-shaped design forces the water to the edges of the tank creating the effect of water flowing from a 1 1/2-inch pipe into a 4-ft. pipe. The drop in velocity is dramatic!

Schedule 80 PVC: Piping features strength, durability and UV protection.



Process Water Manifold System: Water exits the tank through a series of holes in a circular tube resulting in a more even water flow. Also the manifold is located nearly three feet below the surface ensuring that oily water on the surface does not exit with the clean water.

Overflow Return: Wastewater that drains from the sludge bag or decants from the oil bucket is automatically returned to the catch basin.

Cartridge Filters: Tightly-woven polyester elements, with 200-400 sq. ft. of filtration area, effectively filter and collect solids larger than 5-20 microns. Filter housing is extremely easy to access so elements can be removed, cleaned and reused for lower operational costs.