

Produce Water, Oil Field Production-2

The USEPA is developing treatment requirements for the proper disposal of Oil Produce water generated from the oil/water from oil wells. The legislation is under review and is calendered to pass in October 2009.

The current methods are to haul it off, treat for down well reuse, and treat for land disposal. The first step after the oil is separated from the water is to remove the residual oil/suspended solids followed by reuse or filtration and membrane technologies. The sample below was treated with 500 ppm of Floc and the water clarity meets their permitted requirements for mixture (dilution) with irrigation water.



Oil laden water with suspended solids

Treated with Floc, oil and suspended solids are separated by clarifier