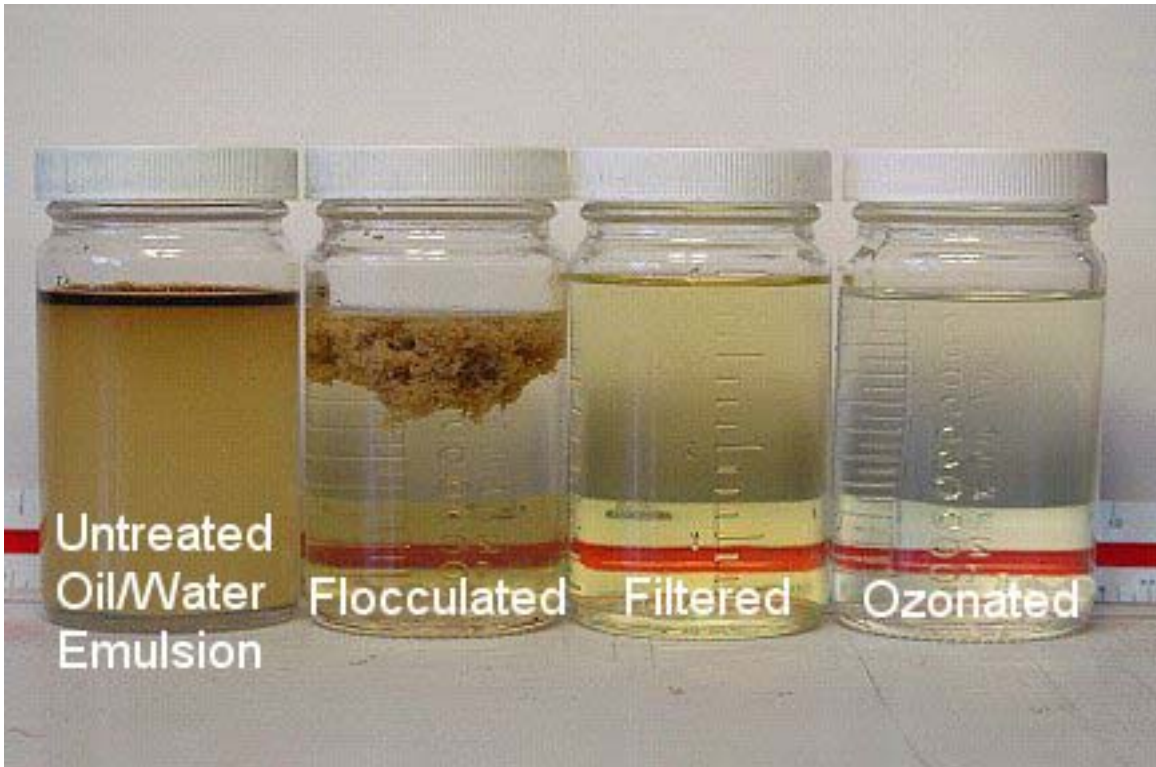




Metal Sintering Facility

Cutting Oils/Water Emulsion

This facility generates 2 waste streams from their metal sintering operations. The first waste stream comes from their cutting oil operations and rinse water. The wastewater is then stored in several tanks and allowed to partially separate with some of the floating oil skimmed off. The residual wastewater (3,000 gallons/week) is then hauled off site for disposal at \$1.15/gallon.



The treatability with Floccin H is shown in the jar test photos. The addition of 0.12 grams in 100 ml absorbed the majority of the oil and would allow the facility to meet the local POTW discharge limits. Estimated cost for treatment is less than 2 cents/gallon.