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## Treatment of Oils Webinar Description

Oils have become more difficult to treat while limits have become lower. Oils are harder to treat because the emulsifying agents are stronger while the industrial oils have become more soluble. Oil water separators and grease traps on pretreatment facilities are a major cause of stormwater overflows in municipal treatment.

Oils, particularly emulsified oils, are one of the most difficult things to treat in wastewater. Oils removal is not just dependent on having the right equipment, but also the right chemistry. Operators will learn about how to troubleshoot their equipment and how to find the right chemistry. We will look at common sense solutions to improve our oil treatment systems. Sometimes the biggest problems come from poor cleaning practices, improper mixing, or overuse of emulsifiers. In particular, the design & maintenance of oil water separators & grease traps will be detailed to ensure good oil removal. DAF troubleshooting and proper operation will be covered, also Analytical testing for oils & grease is probably the most inconsistent of all analytical testing, so we will explore ways to minimize testing errors.