



## Sludge Dewatering Webinar Description

Solids are produced by all types of treatment systems. Surface drinking systems use alum, so their sludge tends to be somewhat sloppy. Industrial treatment uses all kinds of treatment chemicals, so their sludge is the most inconsistent. Municipal wastewater plants produce the most sludge and their sludge has the highest water content. All of these sludges pose their own unique challenges to dewater, but finding the right chemistry is foundation of all sludge dewatering, regardless of the type of sludge.

Other than improving energy efficiency, there is no better way to save money than to reduce the amount of solids that a plant generates. The key step is finding the right chemistry. We will cover how to make the right chemistry to reduce water content and decrease solids disposal costs. Besides finding the right chemistry, we will cover equipment used to thicken and to dewater our solids. Equipment includes gravity thickeners, gravity belt thickeners, DAF's, belt filter presses, screw presses, centrifuges, and plate & frame presses.