

## DO Measurement In Activated Sludge Using LDO technology

Monitoring dissolved oxygen is an important part of the activated sludge process and helps to optimize energy usage through controlled air addition. In some cases, aeration accounts for between 2% and 3% of their annual energy costs. Maintaining a proper level of dissolved oxygen is imperative. This 1.5 hour workshop is designed to give operators an understanding of the importance of accurate DO measurement. Proper operation and maintenance of both lab and process luminescence DO probes will be demonstrated.

Dissolved Oxygen in Activated Sludge presentation 20 minutes

Luminescence DO sensor presentation 10 minutes

### **Virtual Hands -on activities**

LDO101 lab probe operation 30 minutes

*Calibration and maintenance*

LDO 2 and SC 200 operation 30 minutes

*Calibration and Maintenance*