



The Los Angeles Basin Section of CWEA

## Virtual Presentation

**TIWRP Solutions to Bromate Formation in UV/Chlorine  
Advanced Oxidation Process**

**Lance Thibodeaux, LA Sanitation and Environment**

**Thursday, September 23, 2021**

**Noon to 1:00 p.m. Via Zoom**

Please join LABS for our 6<sup>th</sup> virtual presentation to learn about the solutions developed by the City of Los Angeles to address bromate formation during the UV/chlorine advanced oxidation process in the Terminal Island Water Reclamation Plant (TIWRP) Advanced Water Purification Facility (AWPF). The plant currently treats an average wastewater flow of 14.5 mgd from industrial, commercial and residential land uses within Terminal Island, San Pedro, Wilmington, and portions of Harbor City. Plant effluent is either treated to recycled water standards at the AWPF or discharged into the Los Angeles Outer Harbor through a submarine outfall with multi-port diffusers. The TIWRP AWPF is a water reclamation facility that provides advanced purification of TIWRP tertiary effluent for use at the Dominguez Gap Groundwater Barrier, Department of Water and Power Harbor Generating Station and other locations to be identified in the future.

### **Our Speaker:**

**Lance Thibodeaux, P.E., MBA, Environmental Engineer, LA Sanitation and Environment**

Lance holds a bachelor's degree in mechanical engineering from USC and a master's degree in business administration from Washington University in St. Louis. As a process engineer at City of Los Angeles TIWRP, he has been involved with the AWPF expansion from 6 to 12 mgd by operating the Advanced Oxidation Process pilot plant and assisting with full scale startup and optimization.

**To Register:** [Event Info \(mycwea.org\)](https://mycwea.org)

**Fee: \$0 for LAB Members; \$25 for CWEA Members and \$35 for non-CWEA Members.**

*(Discount is automatically applied during check-out)*

**Education Credit: Continuing Educational Credits will apply; Educational Credits will be applied after the presentation.**

**Questions:** Jenny Tanphanich with LA County Sanitation Districts; [jennytanphanich@lacsdsd.org](mailto:jennytanphanich@lacsdsd.org)