AWTO Certification Program Preview Webinar
March 14, 2019
Agenda

► Current Trends
► Regional Water Supply Issues and What the Future Holds
► Maximizing Potential
► LA’s Vision
► Operator Qualifications
► Professional Development Opportunities
► Q/A
Consecutive years of below average deliveries

Coming off an 8-year drought

Driest Mar - May on record in state

Court ordered cutbacks due to fishery conflicts
Water Reclamation Plants in Los Angeles

- 600 square-mile service area; includes 29 contract agencies
- 6,800 miles of sewer line
  8 in to 12 ft diameter
- 4 plants
- 463 MGD average flow (Million Gallons per Day)
Maximizing Potential

► Treatment Provides High Quality Water – *a valuable resource, not waste product*

► Our Goal is to Maximize Reuse
  – Optimize Flow Routing to maximize current capacities
    ► Rerouting flow to maximize recycled water production
  – Enhance Water Reclamation Plants
    ► Tertiary/Title 22 to advanced treatment
LA’s Vision for the Future

► New paradigm: Wastewater is a Commodity
► Zero Ocean discharges by 2035
► Sustainable Practices
► Significant Investment
► Build Resiliency
Clean Water “101” – A Primer on Treatment Levels

- **Advanced Treatment** – removes additional salts, organics, and microorganisms, typically using micro-filtration and/or reverse osmosis
  Also may include additional disinfection, using ultra-violet lights or peroxide
Professional Development Opportunities

► Advanced Treatment Certification

► Operator Qualifications

► Include three focus areas for certification:
  – Membrane Technology Processes Advanced Disinfection/Oxidation (UV/Ozone)
  – Advanced Monitoring, Controls, and Response

► Development program to ensure adequate population of operators
Thank you!