



CWEA

DECEMBER 2021

SEWER LEAKS

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LABS 2020-2021 AWARD WINNERS



Las Virgenes Municipal Water District - Tapia Water Reclamation Facility Process Air Improvements was selected as the winner of the ***E&R: Engineering Achievement Award***. Congratulations!

The project, completed in partnership with PACE Advanced Water Engineering, included the installation of more than 60 aeration grids and three new blowers, which reduce the amount of energy consumed at Tapia by 40%. Overall, the JPA and the communities it serves benefit from a return on investment of less than six years and an estimated savings of \$2.5M over the 20-year expected life of the new system.

JOIN US ONLINE!

<http://labsforcwea.com/>

LABS 2020-2021 AWARD WINNERS CONTINUED

UPCOMING EVENTS

12/08/2021

Advanced Water Treatment Operator Webinar: Upcoming DPR Regulations and the Impact on Operations

12/09/2021

CWEA's Online Wastewater Education Network: Rehabbing Aging Concrete Wastewater Infrastructure - Live Webinar by LABS

01/18/2022

Advanced Water Treatment Operator Webinar: Advanced Water Treatment Technologies

01/31/2022 to 02/02/2022

P3S Conference at the Long Beach Hyatt

04/11/2022 to 04/14/2022

AC22 Annual Conference: WATER IS ESSENTIAL, SO ARE YOU! at the Sacramento Convention Center



Tonya Durrell, LA Sanitation & Environment, was selected as the winner of the **Community Engagement/Outreach Person of the Year**.

Congratulations, Tonya!



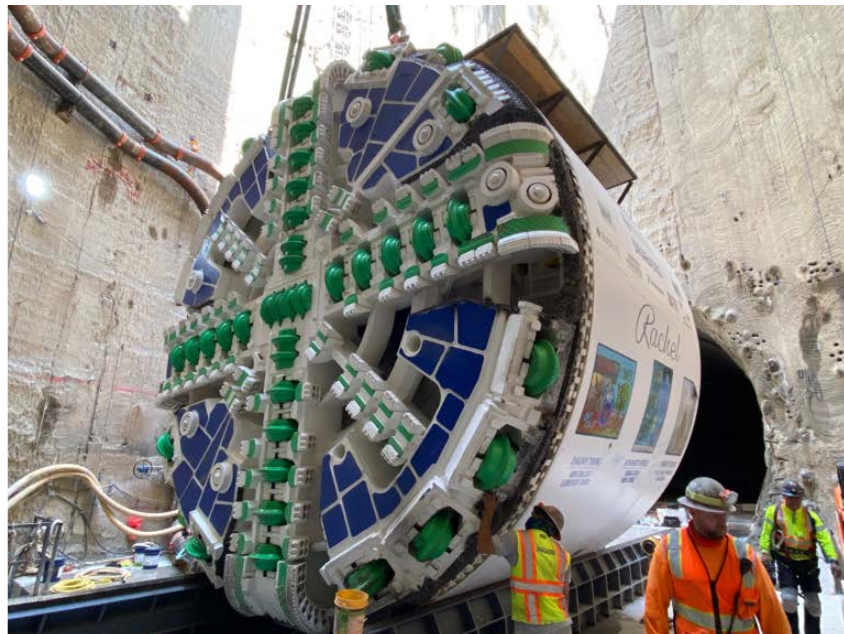
Miguel Rodas, LA Sanitation & Environment, was selected as the winner of the **P3S Person of the Year**.

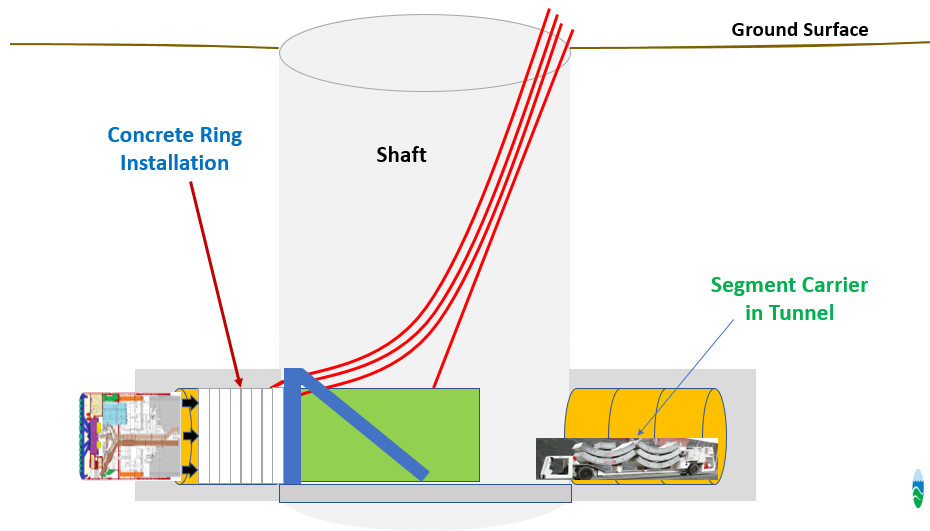
Congratulations, Miguel!

CONSTRUCTION ON LACSD'S NEW OUTFALL TUNNEL

On October 28, a webinar presentation on the Los Angeles County Sanitation Districts Clearwater project was given by Mr. Russell Vakharia. The presentation detailed the construction of a new seven-mile long effluent tunnel—the longest single drive pressurized face tunnel ever constructed in California. Mr. Vakharia discussed construction challenges facing the tunnel, such as traversing over 30 curves, encountering heterogenous ground conditions, passing under the water tables and resisting squeezing ground. Included are some slides from his presentation.



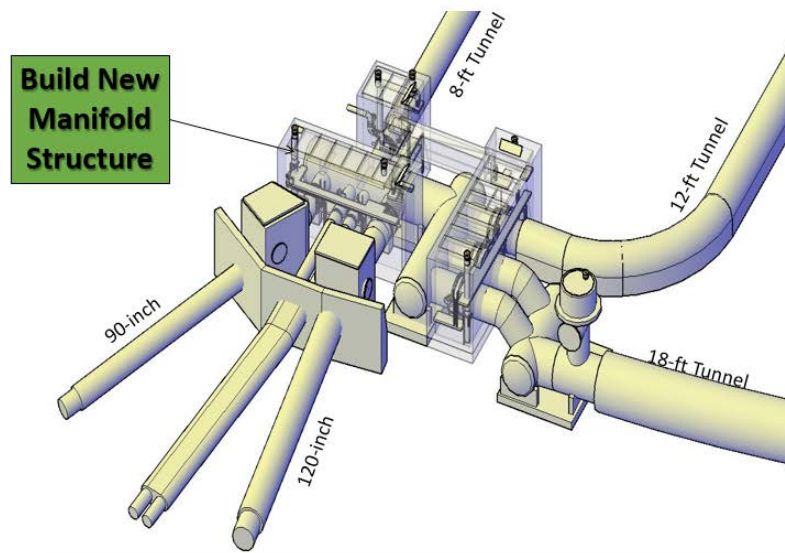




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82



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GET
AWTO
CERTIFIED

AWT OPERATOR WEBINAR SERIES

WEBINAR SCHEDULE

Ask an AWT Certified Operator November 17

11:00 a.m. to Noon

Upcoming DPR Regulations and the Impact on Operations December 8

11:00 a.m. to Noon

Advanced Water Treatment Technologies January 18

11:00 a.m. to Noon *(details to come)*

Register on the AWTO website
awtoperator.org

*Contact Hours are not provided
for informational webinars.*

California and Nevada face growing water shortages and the interest in advanced water treatment and reuse have never been higher. Join our series of webinars to learn about the Advanced Water Treatment Operator® (AWTO) certification program, upcoming water reuse regulations and more.

Water treatment, wastewater treatment and water reuse operators working at facilities using advanced treatment technologies and related processes may be interested in earning the new, voluntary AWTO® Certification.

AWTO certification was developed by a coalition of water and wastewater professionals using a nationally recognized process to define the roles and responsibilities for water treatment. Individuals who meet the eligibility requirements and pass the exam are granted use of the AWTO credential.

WHO SHOULD ATTEND

- Water treatment operators
- Wastewater operators
- Utility managers/executives
- Project engineers
- Water reuse regulators
- Technology providers

NEW AWT PHOTO CONTEST

If you hold an AWTO certification – **you're eligible to enter our photo contest.** Share your achievement of becoming AWTO certified. We'll choose one image for the top prize of a **\$100 Amazon gift card. Enter online at awtoperator.org**

Entries due by 1/31/22. See complete criteria on the website.



CWEA

 American Water Works Association
California-Nevada Section

GET
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AWT OPERATOR WEBINAR SERIES



Dr. Erin Mackey



John Carroll, AWT5



Brian Bernados

ABOUT THE SPEAKERS

Ask an AWT Certified Operator

November 17

Dr. Erin Mackey (moderator) is part of the AWTO Outreach work group and a Technology and Innovation Leader for Brown & Caldwell.

John Carroll is the Pure Water Treatment Superintendent for the City of San Diego and holds an AWTO Grade 5 certification. John also serves as chair of the AWTO Certification Committee.

Tyler Lee is a Water Reuse Recovery Facility Operator with the City of San Luis Obispo, who holds an AWTO Grade 3. Tyler has obtained an MBA and holds a Wastewater Treatment Grade 5, Wastewater Collection Grade 2, Water Treatment Grade 2, and Water Distribution Grade 2.

David Bradley is the Operations Supervisor at Monterey One Water and holds a Wastewater Treatment Grade 5 and AWTO Grade 5.

Upcoming DPR Regulations and the Impact on Operations

December 8

Brian Bernados, PE is Senior Engineer and Technical Specialist, California State Water Resources Control Board, Division of Drinking Water. Brian has served on the California State Water Board Division of Drinking Water (DDW) for over 29 years. As a Technical Specialist, Brian has expertise in alternative technology, advanced technology, RO/AOP, UV disinfection (potable, recycled, and reuse), recycled water, groundwater recharge, surface water augmentation, direct reuse, seawater desalination, and water treatment additives/components.

Andrew Salveson, PE is a Vice President for Carollo Engineers. Andy has 28 years of environmental consulting experience serving public and private-sector clients in the research and design of water and wastewater treatment systems. He serves as Carollo's Chief Technologist for Water Reuse and is a nationally recognized expert in water reuse and disinfection.

Register on the AWTO website
awtooperator.org

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for informational webinars.*





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