

# Operations and Maintenance Update

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BOARD OF DIRECTORS MEETING

AUGUST 19, 2024



# August 12 Ripping of Brookside East

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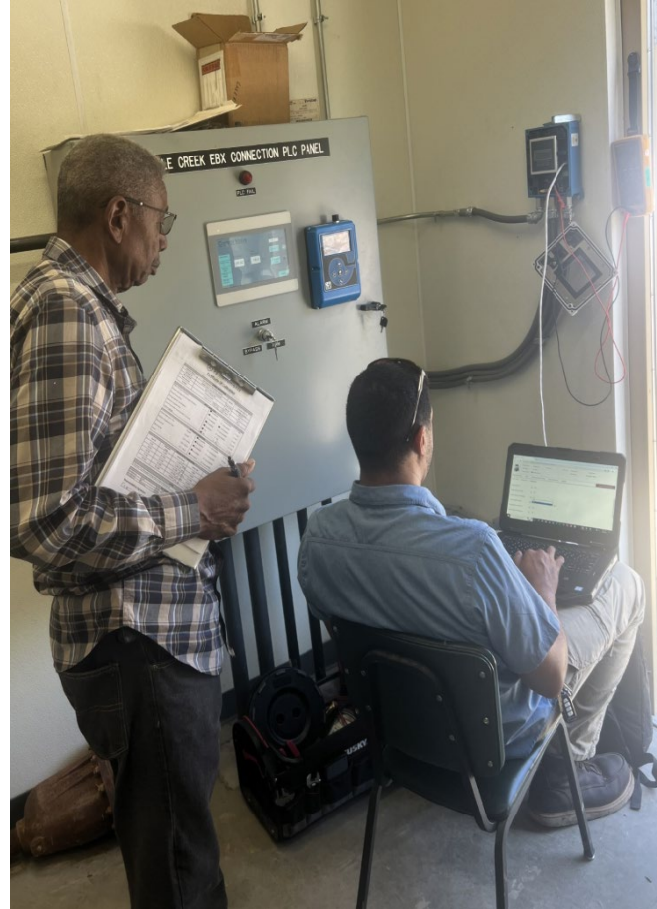
# Meter Calibration

Mountain View and Noble Creek Turnout meters calibrated on June 4, 2024

Provides certification that our meters are accurate and provide reliable data

Annual Calibration of our meters ensures:

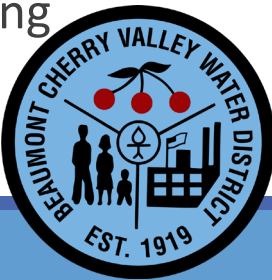
- Accuracy
- Compliance and Regulations
- Equipment Maintenance
- Performance Monitoring



# EarthTec Treatment and Deliveries



- Algae growth in State Water Project system (e.g., reservoirs and recharge basins)
- Added EarthTec algaecide to SWP recharge to control algae and increase percolation rates
- Since adding EarthTec treatment at Brookside East Recharge Facility, no large floating algae mats have been observed and the water is visibly clearer
- DWR's Cyanotoxin monitoring team keeps the SWP contractors up to date on when large Harmful Algae Blooms (HAB's) are occurring across the state

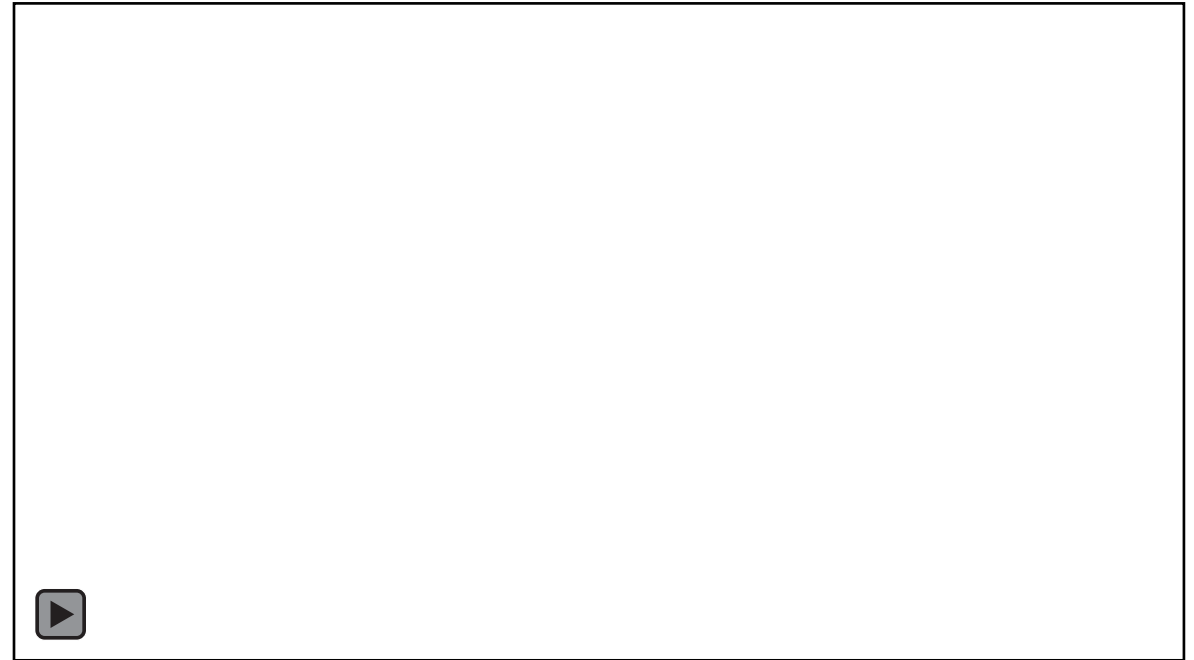




# H.Q. Security Camera's

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- **Purpose:** Enhance security and monitoring at our headquarters building
- 14 security cameras have been installed here at the Headquarters building
- Security Camera's feature:
  - HD video quality, night vision capabilities
  - Remote access and monitoring, motion detection, and alerts via mobile app
- Benefits:
  - Enhanced security with the ability to monitor and respond to security incidents
  - Increased deterrence of theft and vandalism

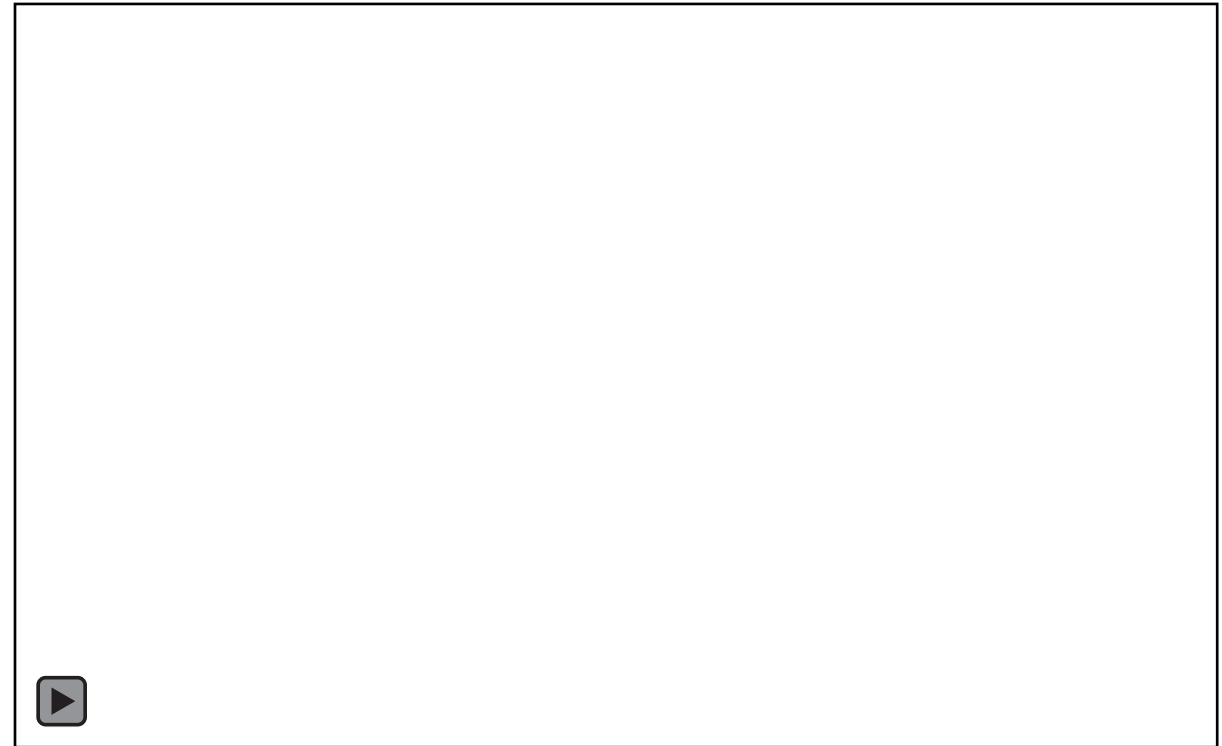


# Turnout Security Camera's

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9 security cameras have been installed at Noble Creek and Mountain View turnouts

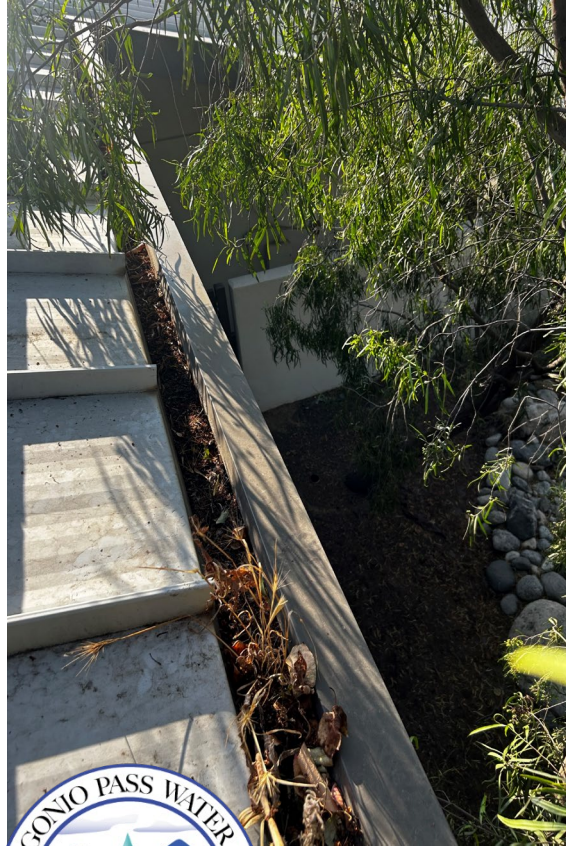
- Wireless routers were installed to have security cameras work properly
- Next Steps for Security Camera network
  - Identify locations/areas that need video monitoring
  - Continue to test and adjust cameras as needed
  - Continue to streamline our operations and expand our network of wireless monitoring





# H.Q. Gutter & Solar Cleaning

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# CPR/First Aid Training

- Purpose: Improve staff readiness and response to emergencies.
- Certification: CPR/AED and First Aid, valid for 2 years
- Session Held: CPR/First Aid training session hosted by local Columbia CPR and First Aid Training company





# Weed Abatement on Agency Properties

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# Analysis on Gypsum and Percolation Rates

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- Response to Director's request evaluating whether Gypsum would benefit our recharge and percolation rates at our Brookside East Facility
- Requested Webb and Associates to determine if Gypsum is recommended to improve infiltration rates at our Facility
- Contacted various local agencies that recharge groundwater: CVWD, BCVWD, EMWD, EVMWD, and RCFC&WCD
  - None of the Agencies above use Gypsum to increase percolation rates, and BCVWD is the only agency to add EarthTec to control algae growth
- In addition to contacting local agencies, Webb located a study that researched the effects of gypsum as an additive and found that "in cases where influent water contained an abundance of minerals (specifically clay minerals) and fine particulates, Gypsum may increase coagulation and enhance infiltration rates."





# Field Investigation Brookside East





# Questions?

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