

PIPELINE INTEGRITY PROGRAM

June 11, 2025

Pipeline Integrity Program – Brief History

- PIP has focused primarily on AC pipe
- PIP identified cohort CM-450-D-Metallic or “1951 Cohort” (Cohort) in the “high breaks” category
- PICA HydraSnake recommended by PIP consultant
- Board awarded contract March 2025

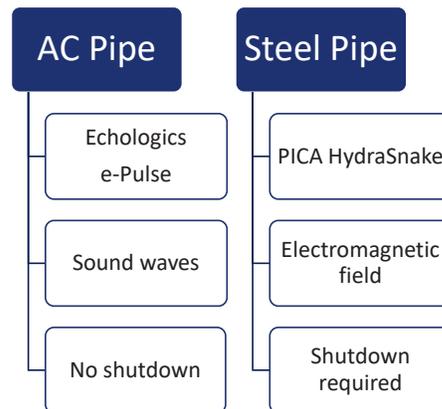
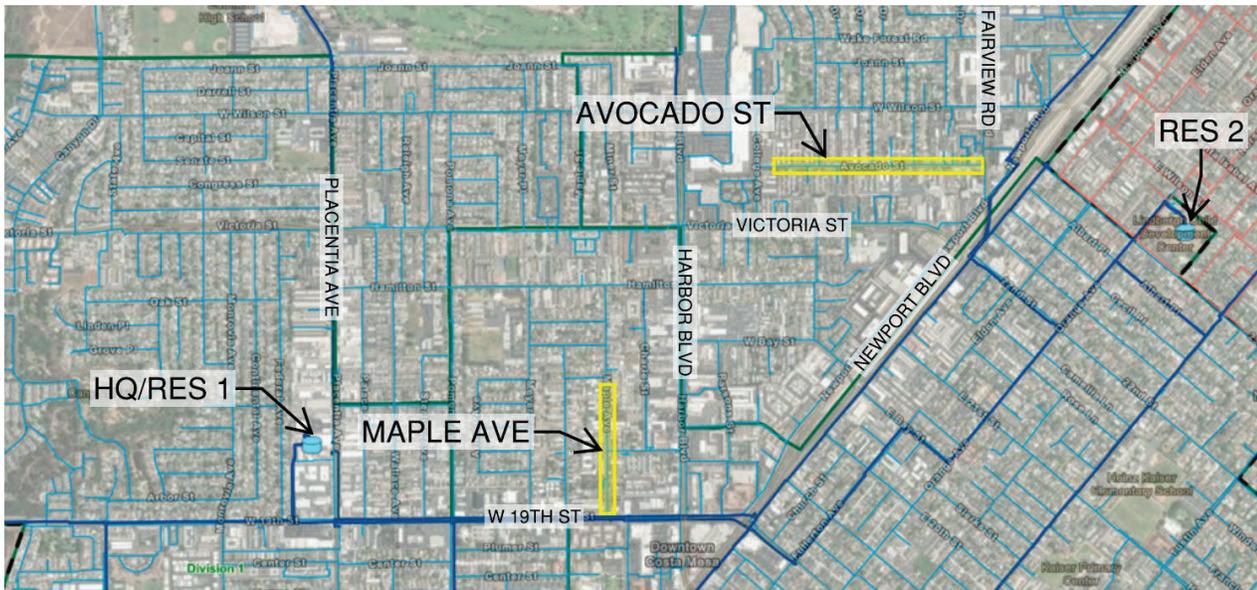


Table 1. Cohort performance over last 13 years

Cohort Group	Location	Length (Miles)	Number of Breaks	Break Rate (Breaks/Mile/Year)
CM-450-D-Metallic	Between Placentia and Newport and Wilson and 19 th Street	5.6	33	0.45

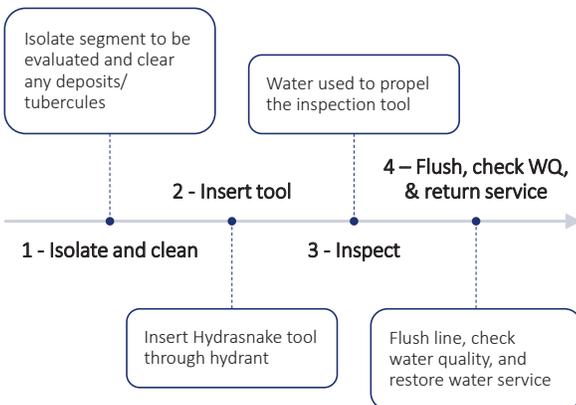
HydraSnake Inspection Work Area



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Hydrasnake – How Does It Work?

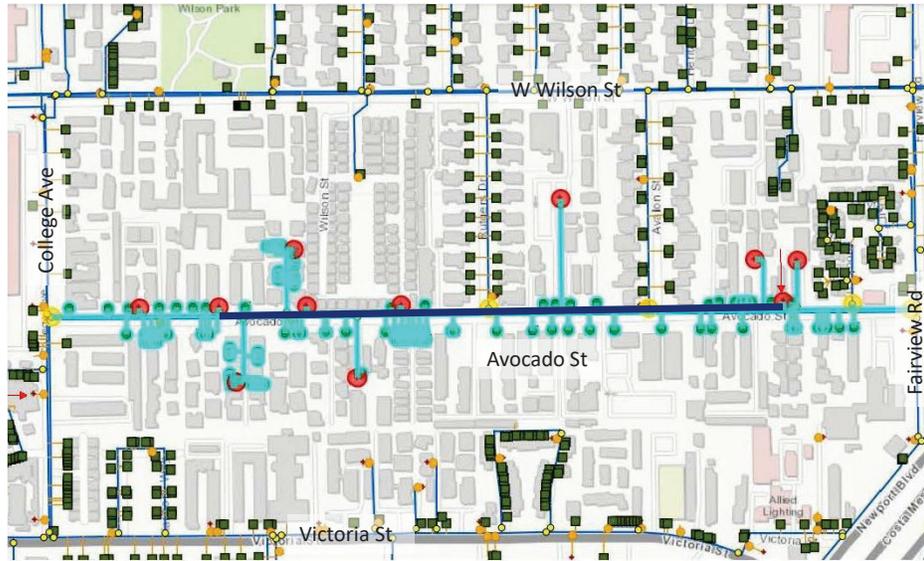


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Avocado Street Inspection Route

- Fairview to College
- 123 meters
- 11 hydrants
- 1,700 ft



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Maple Ave Inspection Route

- Yorkshire St to 19th St
- 91 meters
- 6 hydrants
- 1,300 ft



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Sample from Avocado Street Pipeline



Sample taken from recent repair of cement mortar lined/coated (CMLC) steel pipe in Avocado Street.

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Public Outreach

- Bilingual canvassing was completed by Murakawa Communications on Thursday, June 5.
- Mesa Water staff will do a second notification via doorhanger on Thursday, June 12 and Friday, June 13.
- Mesa Water Notify alert to go out on Thursday, June 12 and Friday, June 13.
- Construction hotline will be listed on all notices.

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MAINTENANCE WORK ALERT

June 5, 2025

Pipeline Inspection on Avocado Street
Work will require temporary water interruption.

Mesa Water District (Mesa Water®) is committed to providing a reliable and safe water supply to our customers. As part of our ongoing Pipeline Integrity Program (PIP), we will inspect a water pipeline on Avocado Street in Costa Mesa on **Monday, June 16, 2025**. The PIP helps us assess pipeline condition and make data-driven decisions about maintenance and replacement—saving an estimated \$230 million over the next 30 years and supporting long-term cost savings for our customers.



What to Expect

- **Temporary Water Service Interruption**
 - Water service will be temporarily shut off from 9:00 a.m. to approximately 3:30 p.m.
 - Affected area: Avocado Street, between Fairview Road and College Drive
 - Impacted customers will receive a notice on their door in advance with the specific date and time of the interruption.
- **Traffic Impacts**
 - Partial lane closure on westbound Avocado Street
 - Some street parking will be temporarily restricted; "No Parking" signs will be posted in advance.
 - Driveway access and deliveries will not be affected.
 - Flaggers will be on site to direct traffic and ensure safety.

After Water Service Is Restored

You may notice temporary changes in water appearance, such as cloudiness, air bubbles, particles or a reddish tint. These changes are normal, and the water remains safe to drink. Mesa Water performs continuous testing to ensure water quality meets all state and federal standards. If your water appears discolored, we recommend running your bathtub faucet for a few minutes until the water runs clear.

Expected Date of Work
Monday, June 16, 2025
9:00 a.m. – 3:30 p.m.

Location
Avocado Street, between College Avenue and Fairview Road in Costa Mesa

Questions?
Thank you for your patience and understanding while we complete this work. For questions, contact Mesa Water District at:
ConstructionInfo@MesaWater.org
(949) 354-4278
[MesaWater.org](https://www.MesaWater.org)

  
@MesaWater

Next Steps

1. Canvass (complete)
2. Inspection
3. Results

QUESTIONS?





THANK YOU!

