

# 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

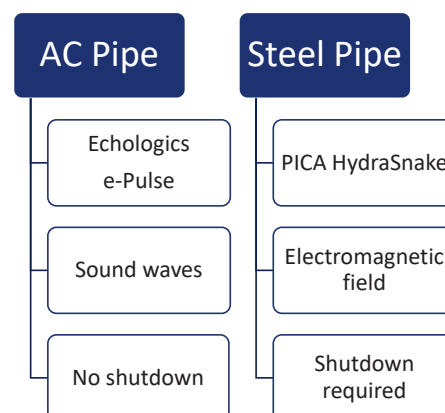
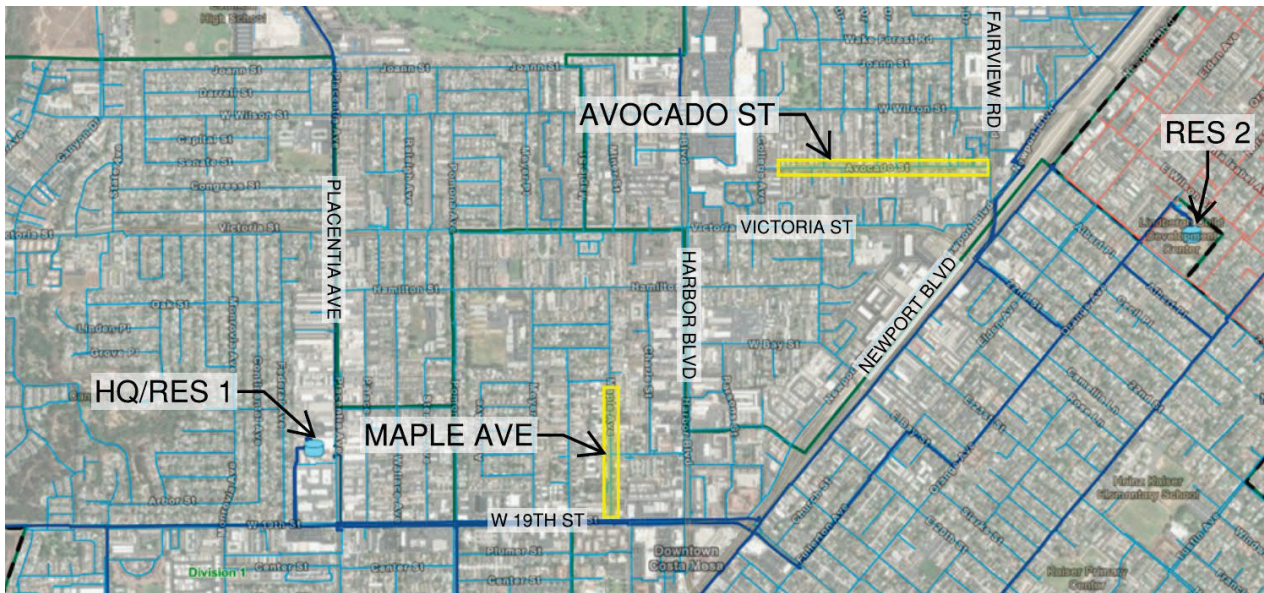


Table 1. Cohort performance over last 13 years

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 <sup>th</sup> Street	5.6	33	0.45

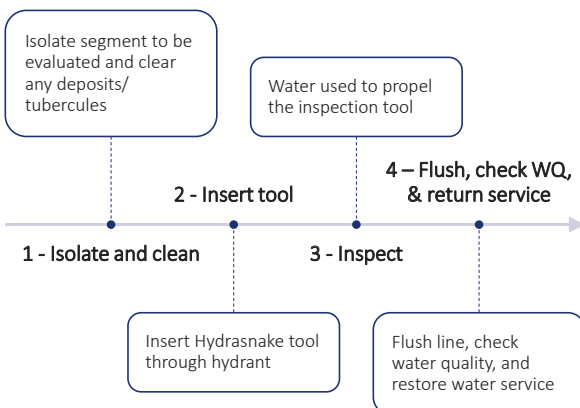
## HydraSnake Inspection Work Area



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## HydrasSnake – How Does It Work?



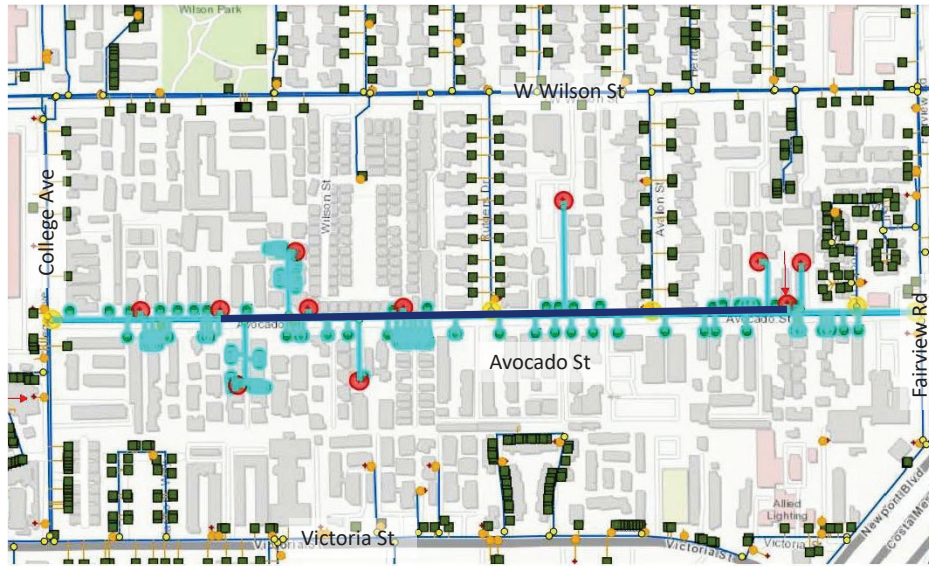
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## Avocado Street Inspection Route

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

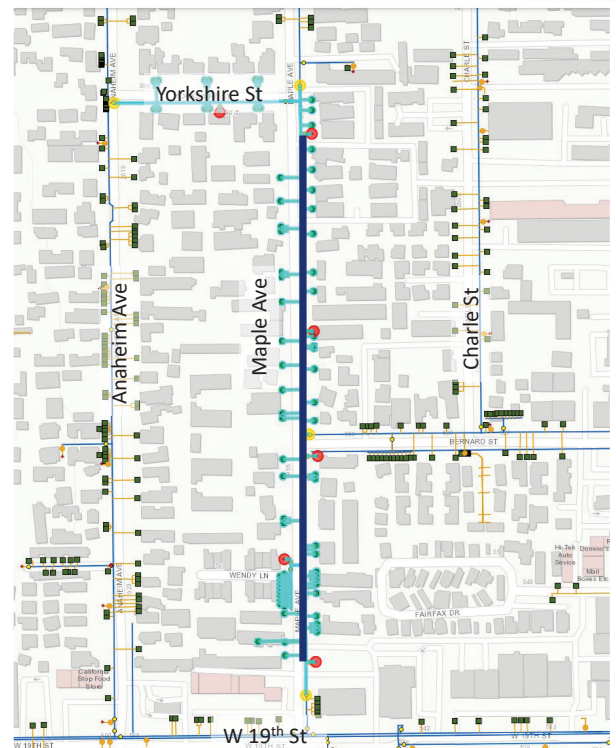


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## Maple Ave Inspection Route

- Yorkshire St to 19<sup>th</sup> 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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**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](mailto:ConstructionInfo@MesaWater.org)  
(949) 354-4278  
[MesaWater.org](http://MesaWater.org)


[f](https://www.facebook.com/MesaWater) [ig](https://www.instagram.com/MesaWater) [t](https://www.twitter.com/MesaWater)  
@MesaWater

### 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.*

## Next Steps

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

# QUESTIONS?





**THANK YOU!**