

What does the BWS do when a main break occurs?

Although O'ahu experiences far fewer main breaks than the national average, the resulting inconvenience, damage, and cost means we must act quickly.



ADDRESS
immediate
health & safety
issues



STOP
water loss



NOTIFY
affected
customers and
other agencies



REPAIR
the broken
main



RETURN
the main
to service



RESTORE
the pavement



What we're doing to prevent future main breaks:

- 🔹 Replacing portions of the system that are most vulnerable to breaks and most critical to service dependability.
- 🔹 Extending the life of water mains in areas of highest corrosion potential.
- 🔹 Conducting forensic analysis to determine the primary causes of main breaks and identify changes to design, construction, and operation.
- 🔹 Pinpointing small cracks or holes for repair.
- 🔹 Encouraging customers to reduce water use and adjusting operations to increase efficiency, which reduces water being pumped through the system and means less stress on pipelines.
- 🔹 Developing a 30-year Water Master Plan to identify and prioritize long-term improvements.

