

## **April, 2016 Boil Water Notice Incident Report**

**3:15 PM** Monday April 4, 2016 - 6-inch diameter asbestos cement (AC) water main located just south of the Paradise Pizza restaurant fails. The failure results in a loss of approximately 800 gpm release of water. Some areas near the failure experience below 20 psi water pressure, low pressure event.

**3:30 PM** - General Manager arrived on site and detected the strong odor of sewage in the air. It was quickly determined that the Paradise Pizza restaurant septic system's drain field was located in close proximity to the water main.

**4:00 PM** - After a telephone conversation with Southwest Regional Office of Drinking Water (ODW), General Manager declares a precautionary "Boil Water" emergency for the water system.

**4:30 PM** - Water users are notified via the District's reverse 911 call system.

**4:45 PM** - Pacific County Department of Community Development is notified and assists the District in notifying all restaurants and institutions.

Phone calls are made to all of those listed in the Coliform Monitoring Plan as "Special Contact Facilities During Health Advisory".

General Manager drives to Jolly Roger Oyster plant to inform them of the Boil Water Advisory and answer questions they may have.

**5:00 PM** - **Door Hangers** will not print. We transport them to Office Depot to use their commercial printers. Office Depot has difficulty printing the Door Hangers. Door Hangers take until 8:00 AM Tuesday April 5, 2016 to be printed.

General Manager issues a Press Release to the Chinook Observer, Pacific County DCD and the ODW.

**6:00 PM** - Start chlorination of water distribution system per ODW instructions.

**7:30 PM** - Water Main repaired and repressurized. Line flushing begins. Flushing continues through the night.

**8:30 AM Tuesday April 5, 2016** - Door hanger distribution begins.

**10:30 AM** - Rented electronic reader board is set up on Hwy 103 near 227<sup>th</sup> informing the public of the Boil Water Notice.

**Throughout the day on April 5, 2016** - water main flushing continues and chlorine residual is monitored per ODW direction.

**3:30 PM** - Teresa Walker, ODW Regional Engineer, visits the District to discuss the Boil Water Advisory and follow-up Actions. Due to the District's using best practices in the containment and repair of the main break, Teresa reduced the chlorine contact time requirement previously issued.

The District begins flushing the chlorine out of the water mains so that water samples may be collected the next morning. Flushing continues through the night.

**10:00 AM Wednesday April 6, 2016** - four representative water samples within the vicinity of the water main break are collected and delivered to ALS Laboratory in Longview Washington by 1:30 PM.

**9:00 AM** - General Manager prepares a progress report on the Boil Water incident and delivers it to the Chinook Observer, Board of Commissioners, Pacific County DCD, and Office of Drinking Water.

**7:00 AM Thursday April 7, 2016** - six representative water samples within the vicinity of the water main break are collected and delivered to ALS Laboratory in Longview Washington by 10:45 AM.

**1:45 PM** Confirmation from ALS Laboratories that all four water samples submitted on Wednesday April 6, 2016 had passed arrived.

**2:00 PM** - General Manager contacted ODW and received verbal approval to lift the boil water advisory.

Water users are notified of the lifting of the boil water notice via the District's reverse 911 call system.

The Chinook Observer, Board, and Pacific County DCD are notified of the boil water notice is lifted.

Jolly Rogers Oysters is called to inform them the boil water notice is lifted.

Facilities on the list in the Coliform Monitoring Plan were called to inform them the boil water notice had been lifted.

The electronic sign is preprogramed to inform drivers the boil water notice is lifted.

Yard Signs are distributed throughout the District informing water users the boil water notice is lifted.

**5:30 PM** - Official notice from the ODW rescinding the boil water advisory arrives.

**1:40 PM Friday April 8, 2016** - Confirmation ALS Laboratories that all six water samples submitted on Thursday April 7, 2016 had passed arrived.