


TRANSMITTAL MEMORANDUM

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TO: The Honorable Mayor & City Council Initials: 

FROM: Lacey G. Simpson, Acting General Manager April 11, File #: MGR25-223

DATE: 2025 Mtg. #: 04/17/25 MRf

RE: **KPU Water Division Manager's Report – March 2025**

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Attached for City Council review is the March 2025 report from KPU Water Division Manager John Kleinegger. Should the City Council have questions regarding the report, staff can respond accordingly.

**MANAGER'S REPORT  
WATER DIVISION  
March 2025**

**FILTRATION AVOIDANCE**

**Project Description and History:**

The Ketchikan Municipal water system operates as a filtration avoidance system. On November 20, 2019, the Alaska Department of Environmental Conservation (ADEC) ordered KPU to enter a Compliance Order by Consent (COBC) or install a filtration plant within 18 months. At their meeting of May 20, 2021, the City Council approved entering a COBC with the ADEC. The COBC contains provisions that KPU must demonstrate to qualify for a Limited Alternative to Filtration (LAF).

As the primacy agency, ADEC determined that KPU does qualify for the approval of a Limited Alternative to Filtration (LAF) as provided in the Safe Drinking Water Act (SDWA). The State Decision Document concluded that KPU has demonstrated that the current treatment system is operated in a manner that maximizes pathogen inactivation, meets all the requirements of the Surface Water Treatment Rules (SWTR), and limits the formation of disinfection byproducts (DBPs). Therefore, KPU meets the requirements of the LAF provision by demonstrating a higher level of pathogen removal/inactivation than required by the filtration and disinfection standards of the SWTRs.

**OPERATIONAL ISSUES**

**Water Main Repairs: Parking Garage under Dock Street by the Museum 3/31/2025**

**Project Description and History:**

At 6:10 am we received a call from Bailey Power House notifying us that the Police Department called in a water main break under the Dock Street parking garage by the Museum.

Like all cast-iron pipe it is quite fragile and may become subject to failure over time, primarily due to differential settlement or any stress on the pipe. Normally when cast iron pipe breaks it splits around the pipe much like a pencil would break when bent in the middle, but this pipe broke length wise and the crack was about 4 feet long. Because it broke in the parking garage we could work out of the back of our truck to reach the broken water main.

The areas that had no water were between Dock Street and Bawden Street intersection to Dock Street and Mill Street intersection. Plus all of Creek Street was off as well.

We shut off the water main around 8:00 am then we started to cut out 5 foot of the broke cast and replaced it with 5 foot long new 6" ductile iron pipe and added a coupling plus connecting parts. Then we turned the water back on at 10:19 am. We then flushed to remove any air or sediment that might have been in the water lines. We returned back to the shop at 11:00 am and started to head home.







