
Bangor Water System

Administrative Consent Agreement (ACA) Update

ACA Background

- What is an ACA?
 - An agreement between a City and EGLE to fix violations identified by regulators during the most recent inspection.
 - The agreement stipulates when each violation needs to be addressed by
 - Was approved by City council in February 2025
- What violations were found in Bangor's water system?
 - Missing updates to required documentation
 - Water Reliability Study (WRS) and Asset Management Plans (AMP)
 - Standard Operating Procedures
 - Chemical Sampling Plans
 - Verification of Technical, Managerial, and Financial (TMF) capacity to operate correctly and avoid future violations
 - Required TMF Study was recently approved by council

WRS and AMP Findings

- Much of the system is operating beyond its useful life – typically 75 years for cast iron pipes
- Many water pipes are not in compliance with current AWWA standards
 - Under-sized mains (less than 8")
 - Non-compliant materials – Transite pipe, lead service lines, etc.
 - ~\$40,000,000 in improvements identified
- Many long-term assets need updates
 - Pump overhauls
 - Chemical feed reconfigurations
 - Water storage tank coatings

Capital Improvement Plan (CIP)

- Complete ACA required or recommended work
 - Chemical feed upgrades
 - Automatic Backup Emergency Generators
 - Storage Tank Coatings and Improvements
- Identify and Replace Lead Service Lines
 - Required by 2034 for all communities
 - Grant funded identification work is ongoing
- Water Main Replacement
 - 2-3 streets identified by Public Works that are high need system critical
 - Shows EGLE is making good main effort to maintain system

5-Year CIP Breakdown

CIP Item	Estimated Project Cost (2025)
Chemical Feed Upgrades (ACA)	\$50,000
Lead Service Line Removal (EGLE/EPA)	\$2,150,000
Backup Well Pump Generators (ACA)	\$100,000
Storage Tank Coatings and Improvements (ACA)	\$550,000
Alexander Street – Arlington to Washington (2300 ft)	\$2,250,000
Bangor Street – 3 rd to Center (1950 Ft)	\$2,000,000
Arlington Street – Maple to Chase (700 Ft)	\$750,000
Total:	\$7,850,000

Next Steps

- Submit reports and CIP to EGLE for their review by June 7 to avoid fines.
- Revise plans per EGLE comments.
- Commission rate study to fund proposed improvements
 - This is required in the AMP and TMF study as part of the ACA – will present findings to council
- City council adoptions of final reports, CIP, and rates
- Apply for low interest loans/grants to help fund improvements



THANK YOU

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