

December 2025 Monthly Operation Summary

City of Hartford – Drinking Water System

1. EXECUTIVE SUMMARY

The City of Hartford continues to make progress in regulatory compliance, infrastructure planning, and customer communication for its drinking water system. Service line material notification letters were issued to customers with lead, galvanized, or unknown service lines and will continue annually until all materials are verified and any required replacements are completed. A comprehensive filter media evaluation is being scheduled to assess current conditions and support planning for a potential pilot study and filter media replacement during fiscal years 2026–2027.

A freeze event in the Well 6 chlorine room caused minor line breaks and ceiling damage; temporary repairs were completed. However, the failure of the primary heater and unreliable temporary heating underscore the need to replace heaters at the Well 4, Well 6, and Iron Removal Plant chlorine rooms with properly sized, energy-efficient units. All sanitary survey deficiencies outside the scope of the State Revolving Fund projects have been corrected and submitted to EGLE, with remaining items to be addressed as SRF projects are completed.

2. Service Line Material Letters

Operations and City staff collaborated to send service line material letters to customers whose service lines are lead, galvanized, or unknown. This will be an annual effort until all lead/galvanized lines are replaced and service line materials are verified for all customers.

3. Water Quality Improvements

Operations staff are coordinating with Peerless Midwest to schedule a filter media evaluation. Core sampling across all five filters will document the physical condition of the media and supply the Commission with data to inform a filter media pilot study and possible media replacement in FY 2026–2027.

4. Maintenance and Operations

- Well 6 Chlorine Room Freeze Event (Dec 6): Water lines froze and ruptured. Operations staff were onsite and mitigated additional damage. Ceiling drywall/insulation were repaired and reinsulated. The primary heater failed; two space heaters are in use but have proven unreliable. Recommendation: Invest in larger, energy-efficient heaters for the chlorine rooms at Well 4, Well 6, and IRP chlorine rooms to reduce freeze risk.



- Water Tower Cathodic Protection: Inspection has been completed. The system is not operational and appears to have been inactive since at least 2016. Pricing for repairs is pending.

5. Sanitary Survey

All sanitary survey deficiencies with deadlines outside the SRF project have been corrected and submitted to EGLE. Remaining deficiencies addressed through SRF projects will be submitted as they are corrected.

6. Looking Ahead — January 2026

- Filter Media Evaluation: Peerless Midwest onsite January 28 to complete core sampling for a thorough condition assessment of media in all five filters.
- Distribution System Materials Inventory (DSMI): Update the DSMI and add a City website lookup for customers to see their water service line materials; repeat annually with the notification letters.
- Annual Reports: Begin preparation of the Cross-Connection Inspection and Testing Report, Consumer Confidence Report (CCR), and Lead Service Line (LSL) Replacement Report.
- Hydrant Maintenance: Clear access paths to and around fire hydrants as needed and as time allows.

7. Flows

Period	Avg Daily (MGD)	Max Daily (MGD)	Total (MG)
Dec-25	0.2296	0.287	7.119
Nov-25	0.2281	0.301	6.844
Dec-24	0.1815	0.209	5.628