

August 15, 2025

Mayor Jacque and City Council Members  
City of Dyersville  
Memorial Building  
340 1st Avenue East  
Dyersville, IA 52040

Subject: Discussion and Possible Action to Implement the Advanced Metering Infrastructure (AMI) System for the Water Department

Dear Mayor and Members of the City Council:

I am requesting authorization to implement an Advanced Metering Infrastructure (AMI) system for the City of Dyersville Water Department. The total estimated cost of this project is approximately \$68,000 (2025 dollars), and Phase 1 is included in our FY26 Water Budget.

Below is our proposal to implement AMI technology. It is as follows:

- Phase 1: Install AMI technology at the water tower, the highest point in the community, to collect readings from many water meters.
- Phase 2: Install two additional devices at future locations to cover areas where meter reading cannot reliably be taken from the water tower.

Implementing Advanced Metering Infrastructure (AMI) offers significant technical and operational advantages that can transform our water management system. AMI provides continuous and accurate water usage information by enabling real-time data collection, eliminating delays commonly associated with manual meter reading. This system also enhances our ability to monitor operations, allowing for the early detection of leaks, reverse flow issues, and unusual consumption patterns. Such capabilities facilitate proactive maintenance and contribute to a reduction in water loss.

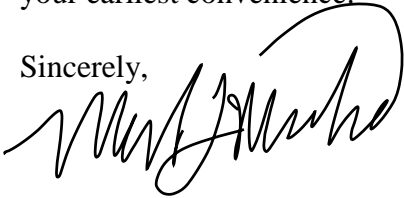
In addition to these benefits, AMI improves operational efficiency by significantly minimizing the need for manual site visits and truck rolls, lowering labor and fuel costs. The increased accuracy of data collected enhances our billing processes, eliminating estimated readings and reducing the likelihood of human error.

Furthermore, AMI fosters customer service improvements by providing residents timely access to their usage data. This transparency enables faster resolution of billing inquiries and encourages water conservation efforts within the community.

In short, this investment will modernize our water infrastructure and enhance operational efficiency, positioning Dyersville as a leader in adopting smart utility technology.

Thank you for considering this request. I am available to discuss this matter further at your earliest convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Mick J. Michel". The signature is fluid and cursive, with a large, sweeping loop at the end.

Mick J. Michel,  
City Administrator