

**To:** Mayor Jacque and City Council Members  
**Cc:** Mick Michel, City Administrator  
**From:** John F. Wandsnider, PE – Public Works Director/City Engineer  
**Date:** February 12, 2026  
**Subject:** Public Works Report: January 15 – February 11, 2026

Things have been operating well over the last month or so in Public Works.

**Operation and Maintenance of Fleet, Highways, Streets, Alleys, Parks, Trails, Rivers, Creeks, etc.**

The streets and fleets arm of Public Works is doing an excellent job with normal winter activities in the operations and maintenance of Dyersville's pavement and drainage systems and equipment. We have had a few winter snow events for which we needed to respond over the last month, but things have been pretty mild on the whole. This week's warmer, dry weather has given us a chance to catch up on sign replacement (a number of signs had been hit, forcing us to install temporary sign structures). We have also been able to give our plow trucks and loaders baths this week. Of the 450 tons of salt planned for, we estimate that we have used about 240 tons, to-date. As time and conditions allow, we have been filling potholes and repairing and maintaining equipment.

**Operation and Maintenance of Drinking Water Delivery and Wastewater Disposal Systems**

The drinking water source, storage, treatment, and distribution systems are serving the city well. The wastewater collection, pumping, treatment, and disposal systems are also operating well. Dyersville's Water and Wastewater operators are doing an excellent job keeping everything functioning smoothly, as best they can.

We did have a water main break and an electrical issue with one of our wastewater lift stations in January. Also, we continue to make progress on the rehabilitation of the older half of the wastewater treatment facility. Please refer to the Water report for January and the Wastewater reports for both December and January, below.

**Improvement and Expansion Projects (new information in bold)**

**2nd Avenue SE Resurfacing (added 2/26)**

**In-house conceptual engineering has begun on this project. The City Engineer has reached out to the Dubuque County Engineer's office for coordination of a FY28 joint 2<sup>nd</sup> Avenue SE/Olde Hawkeye Rd improvement project. We are also seeking a \$250,000 grant to help to fund the improvement.**

**Olde Castle Road Utilities Extension (added 12/25)**

**We have met with both property owners regarding the needed easements and have received verbal approval on moving forward.**

**Westlinden Lift Station (added 7/25)**

Funding has been secured and this project is moving forward with design.

**1<sup>st</sup> Street SW Rehabilitation (added 6/25)**

On-hold for the moment.

**3rd Avenue SW Bridge Replacement (added 2/25)**

The City has applied for a grant through the Iowa DOT to replace this bridge.

Castle Hill – 4<sup>th</sup> Addition (added 7/24)

Work continues on the rest of the 4<sup>th</sup> Addition. The contractor is hammering away at the limestone bedrock to make way for the sanitary sewer to serve new houses in the vicinity. **Water main installation has begun as well.**

1<sup>st</sup> Avenue West - Old Highway Road - Improvement (Added 2/24)

Contracts have been signed. A PreConstruction conference is planned for late February or early March. Weather permitting, construction may start as early as some time in March.

Downtown Streetscape Rehabilitation (Added 4/23)

The rehab is nearly completed. We will be replacing the failing caulk in the Spring.

Downtown Businesses Accessibility – (Added June, 2021)

There is a need for a ramp on 2<sup>nd</sup> Avenue NE that is under consideration.

Field of Dreams Stormwater Wetland and Mitigation (Added to list in April, 2020)

A map showing areas requiring attention has been prepared by the engineer. Work is expected **in the Spring**. A live streaming camera of the site is available for viewing at: <https://video.nest.com/live/G4AGPm8tkR>

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# Memorandum

**To:** Mayor, City Council Members and City Administrator  
**From:** Terry Recker, Water Operator  
**Date:** February 6th, 2026  
**Subject:** **Water Operation January 2026 Report**

## **Water Pumped**

Total Water Pumped for Month	13,315,000 Gallons
Average Pumped per Day	430,000 Gallons
Maximum Daily Pumped	626,000 Gallons

## **Chlorine Testing**

Average Free Chlorine in the System –	2.16 mg/l
Average total Chlorine in the System -	2.34 mg/l

## **Polyphosphate**

Average Residual at Well #4&#5	1.06 mg/l
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## **Water Call Outs**

0 for the month  
Total for the year – 0

## **Water Main Breaks**

1 for the month  
Total for the year – 1

## **Water Activities**

28 - Line Locates Completed  
34 - Water Work Orders Completed

## **Operations and Maintenance**

Bacteria samples were taken, and the results were negative. The monthly operating report was completed and sent to the DNR. Preventative maintenance was completed at Well#4 and #5, including exercising water valves and doing well draw down at both wells. Daily rounds were completed for the month at both wells. Meter reading was also completed this month. Joe and I flushed all dead-end hydrants throughout the city this month. We also had the first water main break of the year on January 30<sup>th</sup> on the 1300 block of 3<sup>rd</sup> Street SW. Krapfl Construction was able to have the repair completed later that morning. (See pictures below)

Water Operator in Charge,  
Terry Recker



# Memorandum

**To:** Mayor, City Council Members and City Administrator  
**From:** Wastewater Operator  
**Date:** Jan 16, 2026  
**Subject:** **Wastewater Operations – December 2025**

## Influent Flows

Total Treated for Month 15,265,000 Gallons  
Average Flow per Day 424,000 Gallons  
Maximum Daily Flow 560,000 Gallons  
Average Influent Biochemical Oxygen Demand 316mg/l  
Plant loading pounds per day of 1327lbs. plant design loading 2400 lbs. per day  
Average Influent Total Suspended Solids 292mg/l.  
Plant loading pounds per day 1212 lbs. plant design loading 3600 lbs. per day.  
Average Influent Total Nitrogen 38 mg/l  
Plant loading pounds per day 168lbs.  
Average Influent Phosphorous 6.86 mg/l.  
Plant loading pounds per day 30 lbs.

## Effluent Testing

C.B.O.D. Monthly Average	.6mg/l	Limit - 25 mg/l
T.S.S. Monthly Average	2.6mg/l	Limit - 30 mg/l
Ammonia Monthly Average	.02mg/l	Limit – 13 mg/l
Total Nitrogen	16 lbs. per day	Yearly Average 88lbs per day
Phosphorus	0 lbs. per day	Yearly Average 24lbs per day E-coli
Starting back March 15 <sup>th</sup> 2026	mg/l	Limit 126 MPN

**Sewer Call Outs** – 2 for the month at the Treatment Plant.  
Total for the year – 12

On Dec 1<sup>st</sup> we got called out to West Side lift station for a high-level alarm. It was determined that there was some type of electrical issue that caused damage to the panel and to one of the pumps. With the lift station being constructed in 1994 and Pump 1 was replaced in 8-1-16 and the pump 2 that was damaged was replaced in 5-12-15. That is one of our busiest stations next to the main lift which takes on the whole system. With the power system that is at that station is unique, the option of getting a fast replacement option is not very common. We are looking into options for updates which would include new pumps and upgrading to three pumps which the lift station was designed for and SCADA. We are working with our pump company to get things going.

On Dec 12<sup>th</sup> we got called out to the southwest side of town for a sewer backup in a few homes. Other than that, we have been working on equipment maintenance and lining up replacement parts to continue the west plant clarifier rehab project.

# Memorandum

**To:** Mayor, City Council Members and City Administrator  
**From:** Wastewater Operator  
**Date:** Feb 11, 2026  
**Subject:** **Wastewater Operations –**

## Influent Flows

Total Treated for Month 14,578,000 Gallons  
Average Flow per Day 470,000 Gallons  
Maximum Daily Flow 571,000 Gallons  
Average Influent Biochemical Oxygen Demand 293mg/l  
Plant loading pounds per day of 1188lbs. plant design loading 2400 lbs. per day  
Average Influent Total Suspended Solids 342mg/l.  
Plant loading pounds per day 1393lbs. plant design loading 3600 lbs. per day.  
Average Influent Total Nitrogen 45.3mg/l  
Plant loading pounds per day 188lbs.  
Average Influent Phosphorous 10.2mg/l.  
Plant loading pounds per day 187lbs.

## Effluent Testing

C.B.O.D. Monthly Average	4.75mg/l	Limit - 25 mg/l
T.S.S. Monthly Average	4 mg/l	Limit - 30 mg/l
Ammonia Monthly Average	2.13 mg/l	Limit – 13 mg/l
Total Nitrogen	28 lbs. per day	Yearly Average 88lbs per day
Phosphorus	0 lbs. per day	Yearly Average 24lbs per day E-coli
Starting 3-15-26	mg/l	Limit 126 MPN

**Sewer Call Outs** – 0 for the month at the Treatment Plant.  
Total for the year – 0

January had some cold spells that brought on some icing issues with the oxidation ditch which caused some higher testing results this month, but nothing to cause any issues. We also took our yearly Effluent Toxicity test on the 27<sup>th</sup> and drove it to the State Hygienic Lab. We have not received results back yet. And if we pass, we are good for the year, if we don't pass we will have to do quarterly testing for the year in which if we pass all quarterly tests then the year would start over in 2027 with just one test again.

Projects at WWTS:

1. West Plant Clarifiers: We are working on the rehab of both the clarifiers on the west plant. The first one, Krapfls, have almost complete. We were waiting for some replacement parts to come in which have come in and we ordered two sets of parts so when things warm up we can drain the water out of the tanks the project can continue.

2. Westside Lift Station: We did get it somewhat put back together so it will run until we can get a replacement plan in place. We are working with Scott and Allied systems on new pumps and new panel replacement plan to get ordered soon.
3. Sewer Sludge Press: We are working to replace a roller that is falling apart due to wear and tear of the machine.
4. Winter Maintenance: Service the equipment with yearly oil changes and going through the equipment and check it all over so we are ready for the 2026 season.
5. Sewer Inspections: Continue to inspect and add the new lines into OpenGov.
6. Get the UV system up and ready for it to go back into service on March 15<sup>th</sup>- November 15<sup>th</sup>