

To: Mayor Jacque and City Council Members
Cc: Mick Michel, City Administrator
From: John F. Wandsnider, PE – Public Works Director/City Engineer
Date: March 11, 2026
Subject: Public Works Report: February 12 – March 10, 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 been experiencing fairly dry conditions, though another storm is due this weekend. As time and conditions allow, we have been filling pot-holes and repairing and maintaining equipment.

We reactivated the street sweeper and have been cleaning the streets, concentrating primarily on the parade and 'gallop' routes this week. We plan to have the flags up, traffic-control devices, and 'no parking' signs out in time for the events – hopefully the wind will die down enough to keep from losing them.

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 another water main leak over the last month. Please refer to the Water and Wastewater reports for February, below.

Improvement and Expansion Projects (new information in bold)

2nd Avenue SE Resurfacing (added 2/26)

The application for the \$250,000 grant through ECIA went out on-time this week – we expect to hear back over the next month or so.

Olde Castle Road Utilities Extension (added 12/25)

We are moving forward with the preparation of easement documents and finalizing the construction plans for extending the sewer across Olde Castle Road to a manhole. We intend to be ready to forward to the Iowa DNR for a construction permit within a few weeks.

Westlinden Lift Station (added 7/25)

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

1st 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 – 4th Addition (added 7/24)

Work continues on the rest of the 4th Addition. **The wet utilities have been completed (see photos of water main construction, below). Construction of the culverts and street pavement is beginning soon.**



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

A PreConstruction conference took place in late February. Work is expected to begin right around the first of April, again, weather-permitting.

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 2nd 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: March 6th, 2026
Subject: **Water Operation February 2026 Report**

Water Pumped

Total Water Pumped for Month	12,047,000 Gallons
Average Pumped per Day	430,000 Gallons
Maximum Daily Pumped	567,000 Gallons

Chlorine Testing

Average Free Chlorine in the System –	1.86 mg/l
Average total Chlorine in the System -	2.00 mg/l

Polyphosphate

Average Residual at Well #4	0.96 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 – 2

Water Activities

48 - Line Locates Completed
44 - 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. There was just one water main leak this month on February 6th. What we thought was a service line leak at 621 9th Ave SE turned into being a shear on the city's water main. The homeowner hired Demmer Dirt Company to fix the service line, but when we discovered it was a water main we had Demmer complete the repair. (See pictures below). We also replaced a leaking main valve on 10th Ave and 6th St SE on February 12th. Krapfl Construction completed that task.

Water Operator in Charge,
Terry Recker



Memorandum

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

Influent Flows

Total Treated for Month 12,946,000 Gallons
Average Flow per Day 462,000 Gallons
Maximum Daily Flow 578,000 Gallons
Average Influent Biochemical Oxygen Demand 335mg/l
Plant loading pounds per day of 1367lbs. plant design loading 2400 lbs. per day
Average Influent Total Suspended Solids 235mg/l.
Plant loading pounds per day 942lbs. plant design loading 3600 lbs. per day.
Average Influent Total Nitrogen 43.6mg/l
Plant loading pounds per day 191lbs.
Average Influent Phosphorous 7.3mg/l.
Plant loading pounds per day 32lbs.

Effluent Testing

C.B.O.D. Monthly Average	4 mg/l	Limit - 25 mg/l
T.S.S. Monthly Average	5.3 mg/l	Limit - 30 mg/l
Ammonia Monthly Average	9.28 mg/l	Limit -14.9 mg/l
Total Nitrogen	35 lbs. per day	Yearly Average 88lbs per day
Phosphorus	4.6 lbs. per day	Yearly Average 24lbs per day
E-coli	mg/l	Limit 126 MPN

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

February had some cold spells that again brought on some icing issues with the oxidation ditch which caused some higher testing results this month which did cause us to fall out of compliance. For the month of February our daily maximum amount for ammonia nitrogen is 16.2 mg/l and 149.0 lbs./day and monthly average 14.9 mg/l and 91 lbs./day. On 02/24/26 we had 18.3mg/l with a daily flow of 344,000 gallons for 52.5lbs/day. And on 02/25/26 we 19.7mg/l with a daily flow of 308,000 for 50.6lbs/day. We did do our 24hrs call in for noncompliance with our permit and talked with the DNR about it and you need to meet both mg/l and lbs./day. If you meet one and not the other, you are still in compliance with the permit. We have completed our 5-day written report for both days and have submitted them. Then for the month we ended with 13.4mg/l and 35.7lbs/day which we would be compliant with those results.

We received our Toxicity results back on 02/10 that were sampled on 01/27/26 and it was a pass. With that we won't have to test again until Jan 2027. And with the weather starting to warm up we are getting things ready for spring.