

**To:** Mayor Jacque and City Council Members  
**Cc:** Mick Michel, City Administrator  
**From:** John F. Wandsnider, PE – Public Works Director/City Engineer  
**Date:** September 11, 2025  
**Subject:** Public Works Report: August 13 – September 10, 2025

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 late-summer activities in the operations and maintenance of Dyersville's pavement and drainage systems and equipment.

We continued with the 'Damaged, Diseased and Dying Tree Removal' program. Street-sweeping is a regular, monthly effort. Our normal crack-sealing is planned for the next month or so. We are starting to plan for storage of summer equipment and preparing other equipment for winter use, but we have some time left yet (hopefully).



The new John Deere skid-steer has arrived and has already been put to work.

Micro-surfacing was placed on the asphalt portion of Heritage Trail – Extended, west of US-52. Micro-surfacing is a cost-effective alternative to traditional methods such as resurfacing or reconstruction. The micro-surfacing mixture combines a precise blend of polymer-modified asphalt emulsion, fine

aggregates, mineral fillers, and water. The slurry is applied in a controlled manner using specialized equipment, ensuring uniform coverage and thickness.



Streets personnel also continue installing and maintaining street-sign assets throughout town. We installed about a dozen signs at City-owned parking lots to help to discourage RV's, etc. from parking for extended times. We had them in-place about 2 weeks prior to Labor Day weekend.

**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. Please refer to the Water and Wastewater reports for August, below.

We finally received a break from all the rain. Our sludge storage has dried to the point where we were able to stack it in piles again.

We have a good inventory of compost and mulch available to the public.

**Improvement and Expansion Projects**

Westlinden Lift Station (added 7/25)

This project is currently on hold pending site selection review efforts with the City and adjacent property owners.

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.

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

Plan drawings are about **90%** complete to overlay the paving with concrete (white-top). **We anticipate bidding this project this fall. Delaware County has a couple of nearby, similar projects that will bid around the same time and should bring more interest for better competition/prices.**

Downtown Streetscape Rehabilitation (Added 4/23)

The rehab is nearly completed. We will be replacing the failing caulk **yet this fall**.

Downtown Businesses Accessibility – (Added June, 2021)

Construction of the ramps on the West side of the river has been completed. A new ramp was constructed in front of the former English Pub. The new railing **was installed in August**.

20 West Industrial Park, Phase III Rise Grant App. (Added August, 2022)

Paving has been complete. Street lights have been installed. Project is substantially complete.

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 **soon**. A live streaming camera of the site is available for viewing at: <https://video.nest.com/live/G4AGPm8tkR>

Dyersville East Road Water and Sewer Extension 2020 (Added to list March, 2020)

Substantial completion has been issued for the Contract E Water and Sewer project.

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# Memorandum

**To:** Mayor, City Council Members and City Administrator  
**From:** Terry Recker, Water Operator  
**Date:** September 9th, 2025  
**Subject:** **Water Operation August 2025 Report**

## **Water Pumped**

Total Water Pumped for Month	13,263,000 Gallons
Average Pumped per Day	428,000 Gallons
Maximum Daily Pumped	621,000 Gallons

## **Chlorine Testing**

Average Free Chlorine in the System –	1.53 mg/l
Average total Chlorine in the System -	1.72 mg/l

## **Polyphosphate**

Average Residual at Well #4&#5	1.21 mg/l
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## **Water Call Outs**

0 for the month  
Total for the year – 5

## **Water Main Breaks**

0 for the month  
Total for the year – 7

## **Water Activities**

116 - Line Locates Completed  
55 - 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.

Water Operator in Charge,  
Terry Recker

# Memorandum

**To:** Mayor, City Council Members and City Administrator

**From:** Wastewater Operator

**Date:** Sept 9<sup>th</sup>, 2025

**Subject:** **Wastewater Operations –**

## **Influent Flows**

Total Treated for Month 21,900,000 Gallons  
Average Flow per Day 706,000 Gallons  
Maximum Daily Flow 1,081,000 Gallons  
Average Influent Biochemical Oxygen Demand 125mg/l  
Plant loading pounds per day of 813lbs. Plant design loading 2400 lbs. per day  
Average Influent Total Suspended Solids 117mg/l.  
Plant loading pounds per day 736lbs. Plant design loading 3600 lbs. per day.  
Average Influent Total Nitrogen 22.9mg/l  
Plant loading pounds per day 143lbs.  
Average Influent Phosphorous 22.4mg/l.  
Plant loading pounds per day 139lbs.

## **Effluent Testing**

C.B.O.D. Monthly Average	.87mg/l	Limit - 25 mg/l
T.S.S. Monthly Average	2.3mg/l	Limit - 30 mg/l
Ammonia Monthly Average	0mg/l	Limit – 13 mg/l
Total Nitrogen	25lbs per day	Yearly Average 88lbs per day
Phosphorus	1.7lbs per day	Yearly Average 24lbs per day E-coli
Will be done in Sept. mg/l	Limit 126 MPN	

## **Sewer Call Outs** – 1 for the month at the Treatment Plant.

Total for the year – 9

Routine Maintenance and lining up things for Fall Sludge application.