



To: Mayor Jacque and City Council Members
Cc: Mick Michel, City Administrator
From: John F. Wandsnider, PE – Public Works Director/City Engineer
Date: September 17, 2026
Subject: Public Works Report: August 13 – September 16, 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 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. This year we are re-inspecting about 1/3 of the City tree assets to update our tree health ratings for continued proactive tree management. We use a local arborist from Dubuque, equipping him with an iPad so he can enter the information directly into our asset management system.

Streets personnel continue installing and maintaining street-sign assets throughout town. 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).

Micro-surfacing will be applied on 5 blocks of some of our worst alleys over the next month or so. 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. One or two coats of a thin layer of the slurry is applied in a controlled manner using specialized equipment, ensuring uniform coverage and thickness.



Public Works staff continues to help Parks and Recreation with a number of maintenance and improvement projects as well as other items. We have also contributed our share of support for the special events we have been having this summer, at least as it pertains to City facilities.

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

Improvement and Expansion Projects (new information in bold)

US-52 / 12th Avenue SE Traffic Signal (added 4/26)

The traffic signal is operational and most everything is complete. The communications cable between 8th and 12th Avenue signals was installed. The signals are awaiting programming, coming soon.

Kwik Star Development (added 4/26)

Work is progressing on the development for Kwik Star.

Stonegate Appartements – Formerly Cardinal Lounge Property (added 4/26)

Work is progressing.

Olde Castle Road Utilities Extension (added 12/25)

This project is nearly complete. It should be done by the end of next week, weather-permitting.

Westlinden Lift Station (added 7/25)

Design is moving forward.

1st Street SW Rehabilitation (added 6/25)

Design is moving forward for construction next summer.

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

Work continues on the Design.

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

The 4th Addition is substantially complete. **Street lights, to be installed by Maquoketa Valley Electric, are planned to go in soon – developer is chasing them.**

Downtown Streetscape Rehabilitation (Added 4/23)

We are getting quotes for some street pavement repairs/replacements for FY-27.

Downtown Businesses Accessibility – (Added June, 2021)

A ramp on 2nd Avenue NE is under design.

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

Work was done to correct the issues on the site. We are awaiting the final seeding. 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: September 3, 2026
Subject: **Water Operation August 2026 Report**

Water Pumped

Total Water Pumped for Month	15,200,000 Gallons
Average Pumped per Day	490,000 Gallons
Maximum Daily Pumped	632,000 Gallons

Chlorine Testing

Average Free Chlorine in the System –	1.49 mg/l
Average total Chlorine in the System -	1.59 mg/l

Polyphosphate

Average Residual at Well #4&#5	0.90 mg/l
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Water Call Outs

0 for the month
Total for the year – 1

Water Main Breaks

0 for the month
Total for the year – 3

Water Activities

114 - Line Locates Completed
23 - 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 Operators
Date: Sept 15, 2026
Subject: **Wastewater Operations –**

Influent Flows

Total Treated for Month 17,074,000 Gallons
Average Flow per Day 550,000 Gallons
Maximum Daily Flow 953,000 Gallons
Average Influent Biochemical Oxygen Demand 141 mg/l
Plant loading pounds per day of 631 lbs. plant design loading 2400 lbs. per day
Average Influent Total Suspended Solids 170 mg/l.
Plant loading pounds per day 759lbs. plant design loading 3600 lbs. per day.
Average Influent Total Nitrogen 30 mg/l
Plant loading pounds per day 131 lbs.
Average Influent Phosphorous 4.5 mg/l.
Plant loading pounds per day 19 lbs.

Effluent Testing

C.B.O.D. Monthly Average	0mg/l	Limit - 25 mg/l
T.S.S. Monthly Average	1.8mg/l	Limit - 30 mg/l
Ammonia Monthly Average	.08mg/l	Limit – 13 mg/l
Total Nitrogen	24 lbs. per day	Yearly Average 88lbs per day
Phosphorus	0 lbs. per day	Yearly Average 24lbs per day E-coli
Due in Sept	mg/l	Limit 126 MPN

Sewer Call Outs – 1 for the month at the Treatment Plant.
Total for the year – 19

Things have been operating well at the plant. With being busy with the rental Jetter truck this past month haven't had a lot of time to work on the updates to the west plant. All parts that needed to be ordered to get the west plant back in line to be operational again are here and just need to be installed.

Jetting has been going well. We did have some issues with the truck when it first got here that slowed us down, but we have been working through the list of mains that are scheduled for this year. We were able to get thirty thousand feet of sewer main and manholes cleaned and free of debris. We will continue through the month of September.

The compost site took a hit this month with the storm that rolled through the week of the MLB game. T&W quickly checked in and rolled into action to get the storm debris piles ground up and cleaned up the site to free up space to use the compost site again. Just after 22 hours of grinding, they had all the storm piles cleaned up.

On the 17th when we were doing weekly lift station checks it was discovered that there was some type of electrical power surge that did damage to the Field of Dream lift station that damaged the drives and the computer system. We have been working with automatic system to get the repairs completed. We have been having to drive out to the site daily to manually pump down the well as the automatic system is not currently working.

On the 26th we met at the west side lift station with Scott from Allied pump to discuss the actions to take place to get the new power service run for the lift station update. After that they will be installing the new panel and upgrading the lift station from two pumps to 3 pumps. We are also going to demo a system that interduces air into the lift station to help prevent the grease build that we get at that lift station.