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To: Mayor Jacque and City Council Members
Cc: Mick Michel, City Administrator
From: John F. Wandsnider, PE – Public Works Director/City Engineer
Date: August 14, 2025
Subject: Public Works Report: July 17 – August 13, 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 summertime and regular activities in the operations and maintenance of Dyersville's pavement and drainage systems and equipment. Part-time staff Sarah and David are heading back to school – they were done last week and this week, respectively. They were able to help us a lot – we will miss them.

With all the rain we have had this summer, we have had a difficult time keeping up with the weeds along the streets and streams - they seem to be overpowering the treatments. We have also been dealing with a handful of minor drainage issues that have some to light with all the rain. Maintenance work has been done on parking lots and signs as well. Another round of street-sweeping was performed over the last two weeks.

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 Wastewater reports for July, below.

The many heavy rain occurring over the last month are still wreaking havoc with our sludge drying. Note the photo of the asphalt sludge pad in the Wastewater report. This is normally a long windrow of dried piles – now just a lake of wet sludge. We will need some dry weather to stack it up again. Once again, a roof would be nice, though not cheap...

We have a good inventory of compost and mulch available to the public at the wastewater treatment plant.

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.

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.

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

Plan drawings are about 80% complete to overlay the paving with concrete (white-top).

Downtown Streetscape Rehabilitation (Added 4/23)

The rehab is nearly completed. We will be doing some minor ‘mud-jacking’ to eliminate ADA deficiencies along the sidewalks and replacing the failing caulk.

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 will be installed Friday, 8/15.**

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 this Spring. 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.

- END -

Memorandum

To: Mayor, City Council Members and City Administrator
From: Terry Recker, Water Operator
Date: August 8th, 2025
Subject: **Water Operation July 2025 Report**

Water Pumped

Total Water Pumped for Month	13,473,000 Gallons
Average Pumped per Day	435,000 Gallons
Maximum Daily Pumped	582,000 Gallons

Chlorine Testing

Average Free Chlorine in the System –	1.49 mg/l
Average total Chlorine in the System -	1.64 mg/l

Polyphosphate

Average Residual at Well #4	1.29 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

91 - Line Locates Completed
53 - 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 summer helper David have been working at exercising water valves this month. They have turned approximately 150 valves so far this summer.

Water Operator in Charge,
Terry Recker

Memorandum

To: Mayor, City Council Members and City Administrator
From: Wastewater Operator
Date: Aug 12, 2025
Subject: **Wastewater Operations –**

Influent Flows

Total Treated for Month 21,300,000 Gallons
Average Flow per Day 687,000 Gallons
Maximum Daily Flow 1,018,000 Gallons
Average Influent Biochemical Oxygen Demand 194 mg/l
Plant loading pounds per day of 1076 lbs. plant design loading 2400 lbs. per day
Average Influent Total Suspended Solids 163 mg/l.
Plant loading pounds per day 905 lbs. plant design loading 3600 lbs. per day.
Average Influent Total Nitrogen 27 mg/l
Plant loading pounds per day 151 lbs.
Average Influent Phosphorous 6 mg/l.
Plant loading pounds per day 33 lbs.

Effluent Testing

C.B.O.D. Monthly Average	0 mg/l	Limit - 25 mg/l
T.S.S. Monthly Average	1.9 mg/l	Limit - 30 mg/l
Ammonia Monthly Average	.13 mg/l	Limit – 13 mg/l
Total Nitrogen	20 lbs. per day	Yearly Average 88lbs per day
Phosphorus	2.5 lbs. per day	Yearly Average 24lbs per day E-coli
Not Required this month.	mg/l	Limit 126 MPN/100ML

Sewer Call Outs – 4 for the month at the Treatment Plant or Lift Stations.

Total for the year – 8

Routine plant maintenance. Lots of rain again this month caused issues with WWTP and made a mess out of the sludge pad again. The sludge at this point is too wet to push up for while so we will have to leave it spread out and hopefully we will get some drying weather then we can get the pile sealed up.

