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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: December 12, 2024
Subject: Public Works Report: November 14 – December 11, 2024

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-Fall and winter activities in the operations and maintenance of Dyersville's pavement and drainage systems and equipment. We have winterized and mothballed our summer street maintenance equipment such as the street sweeper and made ready our winter street maintenance equipment and materials. They were put to use a couple times to address some snowy and icy conditions following some fairly minor precipitation episodes over the last couple months. We are anticipating the coming freezing-rain conditions forecast for Friday into Saturday and plan to stay ahead of it.

The street sweeper is set to go to CMA Welding for rehabilitation of the hopper. It will be cleaned up, have plates welded on, and be painted ahead of putting into operation again in time for the St. Patrick's Day parade this coming Spring.

We have been working to install the wires and controllers for the lights at Candy Cane and West Side Parks.

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 report for November, below. The Wastewater report is pending some test data – it will be included with next month's report.

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

Improvement and Expansion Projects

Field of Dreams Entrance Road (added 11/24)
Survey work is occurring.

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

A majority of the utilities and the paving have been completed. The developer's engineer has maintained a presence on the site when appropriate to help to ensure a quality product.

Lake View Estates (added 7/24)

The utilities and the paving have been completed **within the subdivision. The sanitary sewer extension across other private property has yet to be installed. This is expected to be completed by Spring.** The developer's engineer has maintained a presence on the site when appropriate to help to ensure a quality product.

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

Meeting with Street Committee is being scheduled.

Downtown Streetscape Rehabilitation (Added 4/23)

The contractor returned to finish the improvements and clean things up. We are planning to finish the east side of the river in FY-25, and the west side on FY-26.

Hwy 52 Manhole Replacement at 2nd Avenue (Added 11/21)

We are meeting to further define the scope of this project. It is important that we replace any of the failing sewer infrastructure beneath US 52 while we have the traffic detoured. Meeting with the DOT in the near future as well. Plan is for work to be done in May, 2025.

Downtown Businesses Accessibility – (Added June, 2021)

We met with the owners of DFR and presented the design. They were very supportive. We have a meeting scheduled for next Thursday, December 19 with the owners of the Ritz.

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 **fall**. 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: November 5th, 2024
Subject: **Water Operation November 2024 Report**

Water Pumped

Total Water Pumped for Month	11,940,000 Gallons
Average Pumped per Day	398,000 Gallons
Maximum Daily Pumped	604,000 Gallons

Chlorine Testing

Average Free Chlorine in the System –	1.61 mg/l
Average total Chlorine in the System -	1.70 mg/l

Polyphosphate

Average Residual at Well #4	1.31 mg/l
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Water Call Outs

0 for the month
Total for the year – 0

Water Main Breaks

0 for the month
Total for the year – 0

Water Activities

94-Line Locates Completed
49-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. Most of this month Joe and I worked ball field lighting and walkway lighting at Westside and Candy Cane parks.

Water Operator in Charge,
Terry Recker