

**To: The Village President and Board of Trustees**

**From: Chris Dopkins, P.E., Village Engineer**

**Re: Engineering Report – February 2025 Activity**

**Date: March 17, 2025**

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Please allow this memorandum to provide a brief summary of major activity over the past month that involves the engineering department:

- **Source Water Protection Plan:** As previously reported, the reports have been sent to IEPA and we are awaiting review comments. We are hopeful to have Agency comments in the near future.
- **South Wastewater Treatment Plant:** The Village's permit is up for renewal and we have not heard back from the agency as of the date of this memo regarding the renewal application, nor have we heard back from the Agency regarding the request to reduce plant capacity. It should be noted that the permit for the plant has expired but will stay in effect until the new permit is in place.
- **Candlewick Lake Interconnection Agreement:** Staff met with representatives from Aqua Illinois, who is the company in responsible charge of Candlewick Lake's potable water system. The meeting was very productive and Aqua Illinois agreed to draft a new agreement. We hope to have the details of the agreement worked out in April or May.
- **Sludge Application Permits:** Staff advised that the sludge storage bins will need to be emptied in the spring. DPW Howe has started discussions with area farmers to identify fields where the sludge can be spread, which has been a challenge. Our office has also reached out to a couple of contacts to see if we can find willing participants. Once the fields are identified, our office will prepare the agronomic/loading calculations and permit application to send to IEPA. It will take the Agency approximately 3-4 months to process the permit once the application is received.
- **Bullard Street Fire Hydrant:** At this point, the work is scheduled for early April unless the leak worsens to the point where replacement is necessary sooner.
- **Frontier:** Frontier has submitted plans to install high speed fiber optic lines. Plans have been reviewed and returned to Frontier to revisions. There is no formal project schedule, however, staff believes that installation should occur this summer/fall.
- **Woodstock Road (IL 76 Improvements):** No new activity occurred since staff met w/ the Boone County Highway Department and the Belvidere Township. To recap, the County has applied for grant funding to improve the intersection of Woodstock Road/IL 76, and there may be opportunity to improve some or maybe all the Village's portion Woodstock Road under the grant. Under the grant, the Village would be responsible for a small portion of the improvement cost, and the earliest the work would actually start is 2028 so the project is still in the preliminary stages. Staff is of the opinion that the Village should partner with the County to improve the Village's portion of Woodstock Road if the opportunity becomes available.

# McMAHON

ENGINEERS ARCHITECTS