

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

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

**Re: Engineering Report – December 2024 Activity**

**Date: January 10, 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. The agency acknowledged receipt of the reports and requested the Village to extend the 45-day review period, which we did. 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. We will be reaching out to IEPA in January to obtain a status report. 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:** As reported at December's Board Meeting, neither the Village nor Candlewick Lake are able to locate an executed copy of the agreement that regulates the interconnection of the water systems. Staff will coordinate with Candlewick Lake to update the agreement and present the same for Board approval over the next couple of months.
- **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:** Coordination efforts were made w/ the contractor (NISC) for the hydrant replacement. The contractor requested permission to remove the guard rail and complete the vacuum excavation to determine the size/location of water mains. It was discovered that that water mains are 4" diameter (and not 6" as outlined on the Village's maps) and the hydrant lead runs to the west-southwest meaning that the connection is closer to the pavement than originally expected. We revised the piping layout as a result so that it will not be necessary to excavate close to the existing pavement. At this point, the work is

scheduled for spring unless the leak worsens to the point where replacement is necessary sooner.