

Village of Dolgeville Engineer's Monthly Update

November 2024

Active Projects

Water System Compliance and Improvements

1. EPA Administrative Order

In response to the Administrative Order issued by the U.S. Environmental Protection Agency (EPA) regarding elevated haloacetic acid (HAA5) levels, the following actions were undertaken:

- Collaborated with Amy, Neal, and the New York State Department of Health (NYSDOH) to develop a comprehensive Corrective Action Plan (CAP), including enhanced hydrant flushing protocols as the targeted mitigation strategy after considering and discussing many options.
- Prepared a draft CAP (currently being reviewed by the Village), to be submitted in compliance with the 30-day deadline established by the EPA.

2. Water Treatment Plant Operations

Significant effort was dedicated to addressing ongoing water production challenges at the sand filtration plant:

- Provided support for the design and testing of new filter backwash piping to improve operational efficiency.
- Coordinated core sampling and analysis of the sand filter media using equipment loaned by the City of Little Falls.
- Conducted research into American Water Works Association (AWWA) standards for clearwell cleaning procedures, which will inform upcoming maintenance protocols.

Main Street Sewer Project

- On November 12, 2024, I attended the pre-bid meeting for the Main Street Sewer Project held at Village Hall. Representatives from seven contractors were present, and additional contractors have obtained bid documents for consideration. As the bid package has been available for several weeks, minimal contractor questions were raised. Bids will be reviewed for recommendation at the December 16, 2024, Board of Trustees Meeting.

North Main Street Floodplain Creation and Preservation Project – NYSDEC Contract No. C01223GG

- I prepared the grant closeout documentation for the New York State Department of Environmental Conservation (NYSDEC) and submitted to Amber for processing.

Fink Creek Storm Drainage System Project - FEMA Project No. 4472DR-NY [130884]

- Cleaning and video inspection work is being planned for November 18, 2024.

Brayton Court Sewer Project

- The Department of Public Works (DPW) has made substantial progress with the installation of the new sanitary sewer manhole at Brayton Court. I conducted multiple site inspections to monitor and coordinate this work, ensuring alignment with the Main Street Sewer Project and the proper function of gravity sewer flows.

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NYSDEC Floodplain Correspondence

- I have a draft response letter prepared for the NYSDEC, addressing the project sites across the Village that were noted in their recent floodplain permitting letter.
- This project has been on pause with the immediate needs of the EPA Administrative Order taking precedence.

Halloween Flood Event (404 Mitigation Program) DR4472 Project

- I prepared revisions to the fourth-quarter project report, as required by the New York State Division of Homeland Security and Emergency Services (DHSES). The completed forms were submitted to John Wilkinson.
- Additionally, I completed the project closeout letter and forwarded it to Amber for processing.

General

- EPA Lead and Copper Rule Projects
- Brownfields Opportunity Area Project w/ IDA

DPW Project List

- Repair / replacement of 4 major creek culverts throughout Village
- Vehicle acquisition / replacement planning
- Co-funding sources for Main Street Paving / ADA Compliance Project
- DPW Garage Construction Grants (CHIPS?)
- Greenway Extension Grants (Main Street to Gehring Tricot)
- 2nd Street Drainage Improvements (*on hold*)
- Van Buren Street Erosion / Streambank Protection
- Water Transmission Main Clearing (*on hold*)

WTP / Water Distribution System Project List

- Siding Repairs at Rear of WTP
- Water Transmission Main Mapping (after water service data collection, before access road clearing)
- Preliminary Engineering Report for System {needed for future grant applications}

WWTP / Collection System Project List

- Phosphorous Removal Limits Changing, 1.0 (EPG)
- Incorporate Video/Condition Assessment Into GIS / HOCCPP System
- WWTP Study / Proposed Upgrades for IDA Project

Creeks and Flood Prevention

- East Canada Creek Sediment / Hydraulics; Dam Removal
- Van Buren Street Ice Jam / Flooding; ACOE Design and Permitting
- New FEMA Flood Maps (*in process*)
- ACOE East Canada Creek – Erosion and WWTP Protection (*on hold, waiting for NYSDEC*)