

Nyack Water Department

The New York State recommended treatment technology for the removal of per- and polyfluorinated substances is Granular Activated Carbon (GAC). As such, the Village has selected this as their treatment method. Equipment for GAC has a long lead time. These estimates are based on immediately receiving approval for submission of purchase orders for this equipment. Under a best-case scenario, this is a projected timeline to design, construct, and complete the project;

<u>Milestone</u>	<u>Initial Finish Date</u>	<u>Revised Finish Date</u> ⁽¹⁾	<u>Revised Anticipated Finish Date</u> ⁽²⁾
Pre-Design			
Deferral Application	December 2020 (Complete)	December 2020 (Complete)	December 2020 (Complete)
Preparation of Report	January 2021 (Complete)	December 2020 (Complete)	December 2020 (Complete)
Health Department Approval	March 2021 (Awaiting Approval)	March 2022 (Complete)	March 2022 (Complete)
Detailed Design			
Field work, survey, soil borings	April 2021 (Complete)	April 2021 (Complete)	April 2021 (Complete)
Design	September 2021	November 2022 (In Progress)	January 2025 (In Progress)
Health Department Approval	October 2021	August 2023	February 2025 (In Progress)
Bidding Process			
Advertise Period	November 2021	October 2023	February/March 2025
Award	December 2021	November 2023	March 2025
Contract Approval	January 2022	December 2023	April 2025
Construction	March 2023	August 2024	January 2027
Start-Up, Testing / Completed Work Approval	April 2023	September 2024	January/February 2027

(1) The initial project schedule shown above has been adjusted to allow for the longer than expected review period. Included on the following page is a project schedule which outlines the updated schedule overlain by the baseline schedule above. On March 4, 2022, the NYSDOH granted the Village of Nyack approval to proceed with detailed design of the treatment. The greater than expected approval process has caused the project to skew from its original timeline. However, the engineer has expedited the detailed design by performing the site survey, field work, and soil borings to allow for immediate commencement of design.

(2) On November 30, 2022, H2M (the engineer) submitted to the Rockland County Department of Health 60-percent design documents including design plans, technical specifications, DOH348 form, and NYSDOH Engineers Report Approval.

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- (3) On February 14, 2023, H2M (the engineer) received a comment letter prepared by the NYS State Department of Health. NYSDOH/RCDOH asked that H2M provide additional redundancy for the treatment of PFOA/PFAS. Subsequently, H2M met with NYSDOH and RCDOH on March 31, 2023, to discuss comments. H2M will make all applicable revisions as per that meeting and resubmit to the Department.
- (4) On February 16, 2024, H2M (the engineer) after additional meetings with NYSDOH and RCDOH, resubmitted to the Rockland County and New York State Departments of Health responses to the comment letter received on February 14, 2023, including a complete 90-percent design package inclusive of design plans, specifications, engineers report, DOH348 form for review.
- (5) On July 9, 2024, H2M (the engineer) received an additional comment letter prepared by the NYS State Department of Health. NYSDOH/RCDOH asked that H2M revise select plan sheets per their comments.
- (6) On September 16, 2024, H2M (the engineer) resubmitted to the Rockland County and New York State Departments of Health responses to the comment letter received on July 9, 2024. NYSDOH has indicated that the review is in their review queue and H2M awaits any additional comments or project approvals.