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;

Milestone Pre-Design	<u>Duration</u>	Initial Finish Date	Revised Finish Date (1)
116 263,5.1		December 2020	December2020
Deferral Application	4 Weeks	(Complete) January 2021	(Complete) January 2021
Preparation of Report	4 Weeks	(Complete)	(Complete)
		March 2021	November 2021
Health Department Approval Detailed Design	6 Weeks	(Awaiting Approval)	(Awaiting Approval)
		April 2021	
Field work, survey, soil borings	4 Weeks	(Complete)	April 2021 (Complete)
Design	20 Weeks	September 2021	June 2022
Health Department Approval	6 Weeks	October 2021	August 2022
Bidding Process			
Advertise Period	4 Weeks	November 2021	August 2022
Award	2 Weeks	December 2021	September 2022
Contract Approval	4 Weeks	January 2022	October 2022
Construction	60 Weeks	March 2023	December 2023
Start-Up, Testing / Completed Work Approval	4 Weeks	April 2023	January 2024

⁽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. Detailed design of the treatment system cannot begin until approval and/or review of the basis of design by the NYSDOH. 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 upon NYSDOH approval.

Actual Level of Effort Primary Baseline Actual Work Remaining Work Critical Remaining Work Milestone Summary NYAK2001 - PFAS Treatment Activity Name Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Se NYAK2001 - PFAS Treatment 03-Mar-20 A 01-Jan-24 ◆ Nyack 2020 Quarter 2 Water Quality Sampling Nyack 2020 Quarter 2 Water Quality Sampling 03-Mar-20 A ♦ NYS Notice of Adoption 26-Aug-20 A NYS Notice of Adoption ◆ Nyack 2020 Quarter 3 Water Quality Sampling Nyack 2020 Quarter 3 Water Quality Sampling 14-Sep-20 A Engineering Report, Deferral Submission & Approval 08-Oct-20 A 23-Feb-21 A Engineering Report, Deferral Submission & Approval ◆ Nyack 2020 Quarter 4 Water Quality Sampling (1 of 2) 13-Oct-20 A Nyack 2020 Quarter 4 Water Quality Sampling (1 of 2) ◆ Nyack 2020 Quarter 4 Water Quality Sampling (2 of 2) Nyack 2020 Quarter 4 Water Quality Sampling (2 of 2) 30-Oct-20 A ◆ Nyack 2021 Quarter 1 Water Quality Sampling Nyack 2021 Quarter 1 Water Quality Sampling 02-Feb-21 A Submit Engineering Report for Regulatory Review Submit Engineering Report for Regulatory Review 24-Feb-21 A Health Department Engineering Report Review 25-Feb-21 A 31-Jan-22 Health Department Engineering Report Review ◆ Nyack 2021 Quarter 2 Water Quality Sampling 10-May-21 A Nyack 2021 Quarter 2 Water Quality Sampling Field Work, Survey, Soil Borings 04-Jun-21 A 06-Jul-21 A Field Work, Survey, Soil Borings 01-Feb-22 20-Jun-22 Detailed Design Detailed Design ◆ Submit Design for Regulatory Review Submit Design for Regulatory Review 21-Jun-22 Health Department Design Review Health Department Design Review 21-Jun-22 01-Aug-22 Advertise Period Advertise Period 02-Aug-22 29-Aug-22 Award Bid Award Bid 30-Aug-22 12-Sep-22 13-Sep-22 10-Oct-22 Contract Approval Contract Approval 11-Oct-22 04-Dec-23 Construction Start-Up, Testing / Completed Work Approval Start-Up, Testing / Completed Work Approval 05-Dec-23 01-Jan-24