



Water Treatment Facility Advanced Process Improvement

Sept. 8, 2020

Welcome to the first edition of the Construction Review for the Water Treatment Facility Advanced Process Improvements and Upgrades Project.

This first newsletter is aimed at providing a summary of the overall scope of the project and answering some of the general questions and concerns relating to the construction project. Please note that this newsletter and any future newsletters will be on the City's website at www.ci.stcloud.mn.us.

The City Council awarded this project to Rice Lake Construction Group as the general contractor in August 2020.

Lisa Vollbrecht, Public Utilities Director, will be the City of St. Cloud's Resident Project Representative (RPR).

The Water Treatment Facility is staffed 24/7/365. For inquires or construction related emergencies, please call (320) 255-7225.



PROJECT SCOPE

The improvements portion of the project include installation of ozone generation equipment; converting the existing dual filter media to granular activated carbon (GAC) and converting to biologically active carbon (BAC) filters; addition of UV reactors for primary disinfection in lieu of free chlorine. Chloramines will still be used for secondary disinfection in the distribution system.

Upgrades will include treatment process improvements, and replacement of equipment installed in the 1990s as they are nearing or at the end of their expected useful life. Some of the items scheduled for replacement include the south traveling water screen in the Intake Station; replacement of the roof membrane systems for the Intake Station and the portion of the WTF buried under Hester Park; and chlorine feed and safety upgrades.

Upon completion, 5th Avenue will reopen as a south bound, one-way street. The RiverWalk will be completed in front of the Water Treatment Facility. The connection to the Wobegon Trail will also be completed at this time.

CONSTRUCTION SCHEDULE

This is a three-year project. A timeline is included as an attachment.

Sep 2020—Jul 2023

Water Treatment Facility Construction

Jul—Oct 2021

Roof Repairs—A portion of park closed

Apr—Jun 2022

Hester Park final restoration

IMMEDIATE IMPACTS

5th Avenue Closure

5th Avenue North will be closed September 9th and will remain closed for three years. 5th Avenue will remain open to pedestrian traffic.

Hester Park

A temporary driveway will be installed on the south side of Hester Park to allow construction of an ozone feed room. This room will be located in the southwest corner of the Water Treatment Facility. The room will be buried upon completion.



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FAQ's

Following are some frequently asked questions and answers regarding the project:

How will you secure the construction site?

Maintaining a safe and secure construction site is extremely important especially while working in a City park. Fencing will be installed between the Water Treatment Facility and Hester Park to protect residents and visitors from the construction site and prevent accidents.

How will I receive construction correspondence?

This newsletter will be published monthly or more frequently if needed. All issues of the newsletter can be found online on the City's website.

How can I ask a construction related question?

Please send all inquiries to PublicUtilities@ci.stcloud.mn.us.

Will water treatment be impacted during construction?

The Water Treatment Facility will remain in operation, and treatment will not be impacted during the construction project. We will continue to produce high quality, safe, great tasting drinking water for the City.

To learn more about St. Cloud's Drinking Water Treatment, please visit
<https://ci.stcloud.mn.us/343/Drinking-Water-Services>

