



# Project Status

KABET 166096

SEH Project Engineer | March 2024 | Project Status No. 3

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Hello and welcome to the *Kabetogama Sanitary Sewer Collection and Treatment Project Status Update*. In this and later issues, we will be updating you periodically on the status of this project.

## Happening Now

### Project Scope & Potential Properties

For some of you, this may be the first formal newsletter that you are receiving about the project. The past project update newsletters had been sent either by email or prior to the additional properties being added to the scope of the project.

Attached is a project location map of the current proposed project area. Properties outlined in blue were added to the scope of the project for planning purposes and were identified as properties who expressed potential interest in being added to the project. However, they are identified as “Potential Properties,” as the Township will continue to determine if it makes sense to include these properties with either the current project or future projects.

### Upcoming Drone Site Survey

As you can see, the project area for the collection system is quite large. In order to gather information most efficiently, we plan to have our drone team at SEH perform drone flights to capture lidar topography and aerial photography data for the entire project area. Our team plans to complete these drone flights during or soon after the first week of April with roughly three days of drone operation planned to complete the process.

The drone flight will be completed by an FAA (Federal Aviation Administration) certified pilot with strict adherence to the FAA safety regulations. The operator will be accompanied by a visual observer in order to maximize safe drone operation. The drone will fly roughly 250 – 300 feet above the ground and will take off in the public right-of-way or from private property that owners have given permission to our team to access.

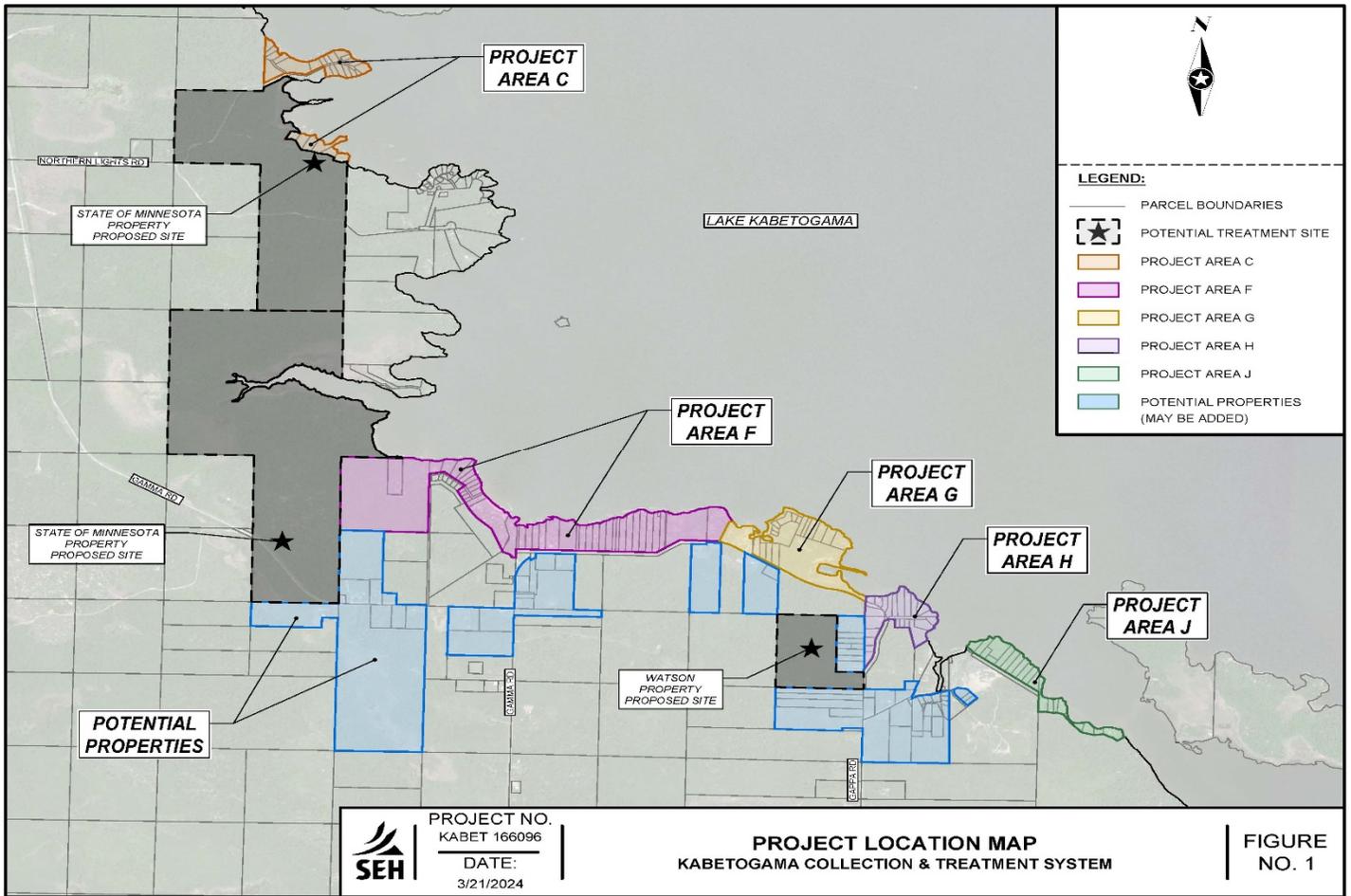
Lidar-equipped drone flight is capable of 3-6 cm accuracy and will provide us with a point cloud that contains site features that are locationally accurate. The point cloud produced will be used to create a surface that is highly representative of the actual ground surface due to the high-point density of the lidar sensor. This will give our design team the means of accurately designing the collection and treatment systems as part of this project.

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We greatly appreciated the turnout and questions asked at the public hearing which was held on February 22, 2024. The project Facility Plan was submitted to the Minnesota Pollution Control Agency (MPCA) on March 1, 2024. Applications for funding were also submitted as part of the project Facility Plan.

Once the MPCA approves the report, the project is eligible for funding through Minnesota PFA (Public Facilities Authority), and we can move forward with design. This process will likely take some time. We will do our best to inform you of the project timeline as it is developed.

Look for more project details in the next Project Status Update and please feel free to contact me with any questions you may have.



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## Project Status

Kabetogama Sanitary Sewer Collection and Treatment  
 St. Louis County, Minnesota

Affirmative Action–Equal Opportunity Employer