

Community Update: Jenkinsville Area Assessment, February 2022

The Queensbury Town Board, seeking new options to provide drinking water to residents of the Jenkinsville area, voted Monday, February 14, 2022, to move ahead with a study of potential groundwater sources. This is part of the town's ongoing work to address environmental conditions in the area in cooperation with the New York State Department of Environmental Conservation and Department of Health.

The Town Board voted to engage the town's engineering firm, C.T. Male Associates, to study the feasibility of developing a groundwater source that would provide at least 50 gallons per minute of clean drinking water. CT Male already is studying whether the existing town water system could be expanded to serve the Jenkinsville area.

For the new work, CT Male will be contracted to:

- Review local geological conditions and interview local water well drillers to identify potential aquifers that are in close proximity to the Jenkinsville area but not influenced by sources of possible groundwater contamination;
- Select one or more locations for further hydrogeologic evaluation.
- Develop budgetary cost estimates for:
 - o investigation of subsurface conditions including the installation of monitoring wells for preliminary water quality analysis and test production well design,
 - o drilling a test production well, constructed to production well standards;
 - o pumping tests to determine the long-term safe yield and groundwater quality, including emerging contaminants;
 - o creation of the new water district;
 - o purchasing land and securing easements for the well field;
 - o engineering design and report to support approval of the system;
 - o well house construction, controls and treatment and long-term system operation and maintenance;
 - o Waterline extension and residential connections, and
 - o other related costs

CT Male agreed to complete the work for \$2,900 within 45 days.