

AGENDA REPORT

TO: Mayor Pat Humphrey & the Clare City Commission
FROM: Jeremy Howard, City Manager
DATE: June 27, 2024
RE: Sole Source – Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection

For the Agenda of July 1, 2024

Background. As you are aware, the City has been working towards adding additional well sites to allow us to add additional capacity to our water system and start to replace some of our existing wells that are 50 plus years old. Dale Clark, Water/Wastewater Superintendent, has requested the City enter a proposed contract (*att'd*) with Williams and Works, Inc. as a sole source contract in the amount of \$10,000. Willims and Works, Inc (Dan Whalen) has been used by the City of Clare for many years and we have been very happy with their work. This work will guide our efforts toward the exploration of one or more locations that could result in being developed into a new production well site for additional city water supply, and will consist of several components, i) office mapping and targeting, ii) field inspection of the prospective sites, and iii) for those sites that are deemed feasible, engagement of EGLE to begin the well development process.

Issues & Questions Specified. Should the City Commission approve the request to contract with Williams and Works, Inc. for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection?

Alternatives.

1. Approve the request to contract with Williams and Works, Inc. for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection.
2. Disapprove the request to contract with Williams and Works, Inc. for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection.
3. Set aside decision regarding this matter to a later date.

Financial Impact. As reflected on the attached proposal, the cost will be \$10,000 and is budgeted for in the 24/25 fiscal year budget.

Recommendation. I recommend that the City Commission approve the requested sole source contract as requested with Williams and Works, Inc. for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection by adoption of Resolution 2024-050 (*copy att'd*).

Attachments.

1. Williams and Works, Inc. Proposal.
2. Resolution 2024-050.

April 8, 2024

Mr. Jeremy Howard, City Manager
Mr. Dale Clark, Director of Water Treatment
City of Clare
202 West Fifth Street
Clare, Michigan 48617-1490

Reference Proposal – Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection

Dear Messrs. Howard and Clark:

Thank you for the continued opportunity to assist the City with the ongoing groundwater source evaluation work. This proposal is to provide you with our scope of work and fees associated with mapping and targeting groundwater resources in the area of the City. This work is intended to guide our efforts toward the exploration of one or more locations that could result in being developed into a new production well site for the city water supply.

Our work will consist of several components, i) office mapping and targeting, ii) field inspection of the prospective sites, and iii) for those sites that are deemed feasible, engagement of EGLE with the well development process.

Our approach to the mapping assignment will be as follows;

Regional Groundwater Flow Field Mapping. Groundwater elevations will be mapped in an area extending several miles outside the city. This mapping will enhance and be added to previous groundwater elevation mapping we completed during the wellhead protection area delineation project. Groundwater flow mapping will be an important component when considering sites with respect to areas of environmental concern.

Regional Groundwater (Geological) Mapping. Our files already contain most of the available well log records located in the region around the City (Wellogic well log database). These well log records will be the primary resource we will use to prepare maps and geologic cross-sections within 1-2 miles outside the City.

Environmental Site Mapping. This mapping will include locating sites of environmental concern, and other known sites of contamination which could immediately disqualify certain areas for groundwater exploration.

Mr. Dale Clark, Director of Water Treatment

April 8, 2024

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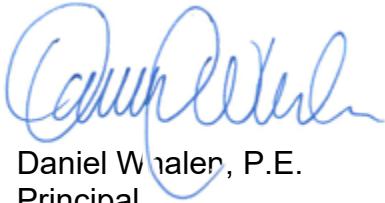
Together, these maps and cross-sections will enable us to target specific areas that could indicate “potential” exploratory sites. If any site is found to be feasible, we could engage EGLE for further site evaluation.

The budget for these tasks will be \$10,000.00 and will include at least two project meetings in Clare; the first meeting to discuss the scope of the mapping, and the second meeting to discuss the results of the analysis, mapping and prioritization of sites. At this latter point in the project, we will have an expanded understanding of the regional geology, as well as some of the logistics associated with each selected site (such as access and distance, ownership, etc.). At this point we will be in a position to engage EGLE to further pursue the locations.

If you have any questions or comments, please do not hesitate to contact me.

Respectfully Submitted,

Williams & Works, Inc.



Daniel Whalen, P.E.
Principal

RESOLUTION 2024-050

A RESOLUTION OF THE CLARE CITY COMMISSION APPROVING THE SOLE SOURCE CONTRACT WITH WILLIAMS AND WORKS, INC. FOR THE COMPLETION OF GEOLOGICAL ENGINEERING SERVICES FOR AREA-WIDE GROUNDWATER MAPPING AND EXPLORATORY WELL SITE SELECTION.

WHEREAS, the City of Clare finds it necessary and prudent to begin work to add additional capacity to our water system and start to replace some of our existing wells that are 50 plus years old; and

WHEREAS, City Staff has recommended that the city enter into a sole source contract with Williams and Works, Inc. for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection; and

WHEREAS, the City of Clare has successfully worked this company for many years; and

WHEREAS, the City Commission has reviewed and considered said recommendations and determined approval of sole source contracts with Williams and Works, Inc. for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection is reasonable, and in the best interests of the City.

NOW THEREFORE BE IT RESOLVED THAT the City Commission of the City of Clare hereby approves the sole-source contract for the completion of Geological Engineering Services for Area-Wide Groundwater Mapping and Exploratory Well Site Selection to be conducted by Williams and Works, Inc. for a cost of \$10,000.

ALL RESOLUTIONS AND PARTS OF RESOLUTIONS INSOFAR AS THEY CONFLICT WITH THE PROVISIONS OF THIS RESOLUTION BE AND THE SAME ARE HEREBY RESCINDED.

The Resolution was introduced by Commissioner _____ and supported by Commissioner _____. The Resolution declared adopted by the following roll call vote:

YEAS:

NAYS:

ABSENT:

Resolution approved for adoption on this 1st day of July, 2024.

Diane Lyon, City Clerk