

AGENDA REPORT

To: Mayor Pat Humphrey and the Clare City Commission
From: Ken Hibl, City Manager
Date: December 17, 2015
Regarding: Water Assessment Study

For the Agenda of December 21, 2015

Background We previously had a general discussion with the City Commission regarding the need to make a future decision regarding our water treatment plant. Our preliminary discussion had two central themes: we know that we will have to spend significant resources (approx. \$800K) to upgrade and make necessary repairs to our existing plant and drill at least one new water well within the next ten years. So does it make sense to invest the funds to upgrade our existing plant and find new water wells here? Or should we consider finding a new water source(s) and build a new water treatment plant in the vicinity of the City's north water tower?

We need to determine whether the aforementioned second alternative has any viability and potential – particularly in respect to whether there is sufficient and good quality water in the north sector of the City – to allow us to make sound future decisions regarding our public water system.

We've asked GFA to complete an assessment for us as the first step in this process. Their proposal is attached. We ask that the City Commission approve the proposed work to allow us to facilitate subsequent recommendations and courses of action for maintenance and improvement of our water system.

Issues & Questions Should the City Commission approve the GFA proposal?

Alternatives

1. Approve the proposal.
2. Approve the proposal with amendment or modification.
3. Do not approve the proposal.
4. Set the decision aside to a subsequently scheduled public meeting.

Financial Impact The total cost to complete the preliminary water assessment is \$10,100. The Water Fund has sufficient fund balance to cover these costs.

Recommendation I recommend that the City Commission approve the GFA proposal by adoption of Resolutions 2015-141.

Attachments

1. Proposal w/attachments.
2. Resolution 2015-141.



December 17, 2015

Mr. Ken Hibel
City Manager, City of Clare
202 W. Fifth Street
Clare, Michigan 48617

Re: North End Drinking Water Investigation

Hello Ken:

We thank you for the opportunity to provide the following suggested work scope and associated fee for our services relating the investigation of the North End Drinking Water. Once you have had a chance to review this, should you have any questions whatsoever, please do not hesitate to call us.

Project Location

Existing 5" water well located in the City of Clare Industrial Park North. Located in what has been identified as lot #5.

Scope of Services

The scope of this project includes the services of Peerless Midwest to utilize the existing 5" water well, which is that is located within the City of Clare's Industrial Park North, to perform an 8-hour constant pump test. This well was drilled by the previous owner of the property.

Peerless Midwest will provide all the labor and equipment to perform a 50-75 gallon per minute pump test. This information will provide information to how the aquifer will perform on a larger pumping scale. This would be the first part of the investigation to see if this aquifer can be utilized on a greater scale.

In addition, Peerless Midwest will provide all labor and equipment to sample the ground water chemistry at this well and will have a complete Unit 37 MDEQ analysis of VOCs, pesticides, metals and radionuclides, etc.

Once this information is obtained a written report and recommendation will be submitted to you for review.

Clarifications and Assumptions

1. We have assumed that all work will be performed in areas not affected by wetlands, floodplain, sensitive habitat/species, contamination or other special environmental conditions.
2. Changes, modifications, or additions to the Basic Services will be performed at the normal hourly rates for the personnel involved or at a negotiated fee.
3. Billings will be made once a month as the work progresses.

Fee

Well pumping test	\$5,750.00
Well Chemistry Sampling	1,450.00
Engineering oversight and reporting	<u>2,900.00</u>
Total	\$10,100.00

Sincerely,
GFA

Craig Goodrich
Engineering Office Manager

RESOLUTION 2015-141

A RESOLUTION OF THE CLARE CITY COMMISSION APPROVING A PROPOSAL OF GOURDIE-FRASER TO COMPLETE A WATER ASSESSMENT STUDY FOR THE CITY OF CLARE.

WHEREAS, due to the age of the City's present water treatment plant and the reduced production capacity of some of the City's public water wells, a significant investment will be required in the next ten-year period to ensure continued operation and efficiency of the City's public water system – some of those investments being necessary within the next two-to-three year period; and

WHEREAS, the City has recently completed construction of a new water tower and related infrastructure in the northern sector of the City, which provides the City an opportunity to assess whether it should make the needed major investment in its existing treatment plant and wells or focus its efforts to investing in a new treatment plant and new public wells in the City's north sector in the vicinity of the new water tower; and

WHEREAS, to accomplish said assessment, the City requires the assistance of Gourdie-Fraser, its engineer of record, to conduct needed testing, sampling, and technical evaluations; and

WHEREAS, Gourdie-Fraser has offered the City a proposal to conduct said needed assessment criteria; and

WHEREAS, the City Staff has reviewed said proposal and determined the cost is reasonable and the scope is essential to evaluating options for the future of the city's public water system; and

WHEREAS, the City Commission has considered said recommendation of its staff and determined it to be prudent and sound.

NOW THEREFORE BE IT RESOLVED THAT the Clare City Commission hereby approves the proposal of Gourdie-Fraser to complete a water assessment for the City of Clare for a cost not to exceed \$10,100.

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 21st day of December 2015.

Diane Lyon, City Clerk