July 26, 2018

Hope your summer is going well.

The Village crew has started replacing faulty water valves. Digging up the roads is an unfortunate necessity for this project. Please be patient and drive carefully. The areas that have been dug up will be paved when we are finished.

August 11 and 12 the Markets at Round Lake returns! We still need a number of volunteers to help with parking and the pie and information booths. You may sign up here:

http://signup.com/go/sUdykUP

New Village phone system: 899-2800 - If we are closed or can not come to the phone you can leave a message. If you leave a message for me, the voicemail will be immediately emailed to me.

Upcoming Summer Organ Series;

August 5 – Craig Williams	6PM
August 24 – Stefan Donner	3 PM
August 26 – Thomas Dressler	6 PM

Please contact Robert Davis if you are interested in helping with the opening day re-enactment of the Round Lake Camp Meeting September 1st. You may leave word at the office, or contact him directly.

If you wish to be kept up-to-date on Village news and events, please Like and Follow the official (i.e. no commenting allowed) Village of Round Lake Facebook Page:

https://www.facebook.com/Village-of-Round-Lake-684606238387140/

Below is a summary of the Well Study that was posted on Facebook a while ago.

Dear Round Lake Resident,

We are contacting you to provide an update about the process the Village has undertaken regarding the Water Improvement Project. It has been awhile since the

Ad Hoc Water Committee has emailed residents; we thought this would be a good time to briefly describe what is happening and provide a summary of the groundwater supply desktop study.

As you most likely already know, the Village has been working with engineer Mike Harrington to research different water source solutions, because the Village had not been in compliance with the Department of Health. While the Village is currently in compliance due in large part to Saratoga County Water Authority (SCWA) now running more of their water through their filters, a variety of options are still being considered for long-term planning. Testing of our water by the Village will be ongoing during the summer months since the warmer months are when the village has historically not been in compliance.

The Village is currently in the research and testing phase for various options. There has not been any decisions made by the Village Board about implementing a particular solution. The options in various stages of research/testing include: Aeration, Granulated Activate Carbon filters (GAC), running a direct line up Rte 9 to Saratoga County Water Authority (SCWA), and wells.

We will be updating you about each option as more information is obtained through the research and testing process. Below is a summary of the "Phase 1 Water Supply Investigation" by Hanson Van Vleet, PLLC. This is for groundwater (wells).

If you have questions about the process, please email us or stop the the Village office for further information. We also encourage you to attend Village Board meetings where there are monthly updates. The next Board meeting is Wednesday, August 15th , at 7:00pm.

For moredetailed updates, please join the "Round Lake Water News" Facebook.

We look forward to hearing from you.

Round Lake Ad Hoc Water Committee

Gary Putman, Denise McDonald, Matthew Coldrick

Phase 1 Water Supply Investigation

Summary of Groundwater Desktop Study Presentation made by hydrogeologist

Eric Hanson of Hanson Van Vleet, LLC.

Eric Hanson reported that the area in and around Round Lake has a large amount of information regarding potential groundwater sources. There are a lot of aquifers. Hanson used boring records from Saratoga Water Services (SWS) and the Department of Transportation (DOT), and well logs from Department of Environmental Conservation (DEC). There was a lot of information from RL

residents that was used in putting the desktop study together. There were also prior investigations done by the Town of Malta (1970), Country Club acres on Knapp Road (Van Patten), and Hanson Van Vleet of the Ballston Creek Channel.

Malta Rocket site has been studied extensively regarding its potential impact on aquifers. Many were "extremely concerned" about its impact (according to Hanson). General Electric (GE), the Environmental Protection Agency (EPA), Hanson Van Vleet and other consultants studied this thoroughly. The contamination is contained, early warning well sites for potential contamination are set up, and there has been no problem indicated. The contamination is contained within a limited geographical area. If residents would like further information about the rocket test site, the audio recording of the Village Board presentation by Hanson explains this further (see attached), as well as the complete desktop study report. The water committee also has some information from the EPA, including maps and pictures. FYI: Global Foundries does not impact on the Malta Test Rocket site.

Further communication with Hanson: Global Foundries poses no risk to the areas the Village is considering for wells because of the land formation and other factors. He also stated that the 500,000 gallons of water per day that Global Foundries has under contract with SWS also poses no risk to the aquifers we are considering. FYI: 500,00 gallons per day would be available in case of fire. Global Foundries is not stating they will be using the water for anything else.

Recommendations by Hanson: There are two sites the Village "should and can consider."

Target Area #1: Van Patten site off of Knapp Road.

Pros: a) short distance from the village (a little over 1 mile), according to Hanson. b) water quality is very good. Five or six test wells already exist. The Engineer reported preliminary testing well monitoring can easily be done without significant extra cost.

Major Limitations: a) Would have to tunnel under Rte 9. The Ballston Creek is in the way, which means there is a broad area of wetlands to cross. b) There is also a very large amount of peat (very soft, spongy ground) that would require engineering solutions.

Target Area #2: Ballston Creek Channel.

Pros: a) The location is near the village, touching on one end with the water main on Goldfoot Road. The actual site would either be a "stones throw" from the village or up to a half mile away, depending on the results of test drilling. b) the cost of the project, including piping, would be a lot less than the Van Patten site because of the proximity to the village. c) the aquifer is deeper than the Van Patten site. d) there is minimal to no potential drought impact.

Major Limitations: a) The location is classified as a wetland and would need permits for drilling from DEC. The permits would determine the parameters for drilling, including where the village could get into the channel for test drilling. b) a small amount of previous drill sites (3 out of 6) in that area have shown high levels of iron. Since there has not been a lot of drilling in that area, the water quality cannot be predicted without test drilling.

Comparing/contrasting the two sites:

The Ballston Creek site has a big advantage over the Van Patten site because of the potential cost of the project. The Van Patten site has historically had better water quality.

Both sites have wetlands, although all of Ballston Creek has wetlands and Knapp Road (Van Patten) is "hit or miss."

There are risks involved in both situations.

Costs:

Land would have to be leased or purchased for either site. Once the price is negotiated with the land owner, a contract would be set up where the land would only be purchased contingent on successful drilling results. Successful results would include water quality and adequate water flow rates.

Test well cost for either site would total $50,000 - $100,000. Both sites could be tested at the same time, which would double the cost. The number of test wells for each site would be 3-4. The estimate includes legal costs and road building (a big ticket item).

Timing:

Since the sites have wetlands, DEC permitting is easier if test drilling is done when there is frost in the ground. This has less impact on the environment. The village would authorize the engineer to conduct preliminary site location and access work necessary to prepare for the drilling ahead of time.

Questions:

We realize this summary is not comprehensive. The water committee would be happy to answer questions and find out further information from the various stakeholders, including Eric Hanson and the engineer. You are also welcome to listen to a recording of the presentation (see attached) and/or read the desktop study, which is attached and located on the Village website, and in the Community Room.

This groundwater desktop study is one of several being conducted in this research/study phase of the process that the village is undertaking to determine the best long-term water source solution for Round Lake.

RL Website link with Hanson's desktop study:
http://www.roundlakevillage.org/water

> Water Improvement Project - Village of Round Lake, NY
>
> www.roundlakevillage.org
> Ad Hoc Water Committee Meeting on June 6, 2017: Upcoming Events. Monday, June 11, 2018 Fire Department Meeting 7:00 PM Tuesday, June 12, 2018 Library Trustees Meeting 7:00 PM Wednesday, June 13, 2018 Planning Board Meeting (as needed) 7:00 PM Wednesday, June 20, 2018 Village Board of Trustees Meeting 7:00 PM Thursday, June 21, 2018 WRLIS ...

Audio recording of Hanson's presentation to the Village Board on May 16th:

https://www.youtube.com/watch?v=iUTImdTmpoc&feature=youtu.be

Gary Putman
Mayor, Village of Round Lake, NY
(518) 899-2800