

VILLAGE OF FONTANA ON GENEVA LAKE
WALWORTH COUNTY, WISCONSIN
(Final Minutes)
Special Meeting of the
VILLAGE OF FONTANA BOARD OF TRUSTEES
Thursday, August 24, 2023

Village President Pat Kenny called the special meeting of the Fontana Village Board to order at 3:00 pm.

Trustees Present: President Kenny, Trustee O'Neill, Trustee Pappas, Trustee Petersen, Trustee McGreevy

Trustees Absent: Trustee Marek, Trustee Livingston

Also Present: Liz Baumann, Kevin Day (via phone), Andrew Jacque (WQI), Theresa Loomer, Drew Lussow, Terry Tavera

Visitors Heard

None

General Business – President Kenny

Discussion or Action on Well No. 4 Rehabilitation and/or Construction of a new Well

Village Engineer Terry Tavera stated that the project is currently underway. Village Engineer Tavera stated that the pump has been pulled and that Well No. 4 has been televised. Based on what they saw on the televising they felt that Well No. 4 should undergo additional testing. Based on the additional testing the results showed potential short-term and long-term issues with the well. Village Engineer Tavera laid out three potential options for the Village Board. The first option was to rehab Well No. 4 and get it back up and running and hope that the rehabilitation corrected most of the issues. The second option would be to replace the eroded casing within the well and properly install it and work with the filters and filtration process to perform a more in-depth rehab than previously prepared for. The third and final option would be to abandon Well No. 4 and drill a new well close to Well No. 4 to keep hookups and most of services intact. Trustee McGreevy raised a question regarding the water quality currently in the Well as is. Andrew Jacque from Water Quality Investigations stated that he can address that question during his presentation. Mr. Jacque then displayed a PowerPoint presentation with his findings on Well No. 4. Mr. Jacque informed the Village Board that as Mr. Tavera stated the project is underway and certain portions of the project have been completed such as the pump being pulled and inspected, the televising of the well, and some of the geophysical work for the well. Mr. Jacque stated while conducting some of the geophysical work and televising of the well they were looking for any red flags that appeared. One point of concern Mr. Jacque noticed was the liner that was in place for the well has been eroding and dropping further down in the well. He believes that this is allowing for some silt and debris behind the liner to potentially come into the well which can cause some of the poor water quality issues we have seen. Mr. Jacque also presented a water quality report and based on his findings there are some high levels of some elements such as iron, total organic carbon (TOC), and nitrogen that could be improved with filtration and a proper liner being placed back into the well but that would not be a guaranteed fix and the well could still experience additional problems even after corrections are made. Mr. Jacque then ended his presentation and presented the Village with what he thought would be their best options. His first option was to leave Well No. 4 as is and rehabilitate the filter and plan for a well replacement in three to five years (approximate cost of \$589,000.00). Option two would be to further rehabilitate Well No. 4 by removing and replacing the liner and may or may not also need to include filter rehabilitation as well (approximate cost of \$450,000.00). Option number three would be to repair Well No. 4 which would mean grouting behind the existing liner and fixing the liner, adding better filter treatment, and go through with the regular rehabilitation process (approximate cost of \$250,000.00 with expectation that a plan for a well replacement would be needed in the next 10 years). Lastly the fourth and final option would be to replace Well No. 4 by abandoning it and drilling a new well (approximate cost of \$550,000.00 or more). Some risks involved with replacing the well with a new one would be local groundwater nitrate risks if the area around Well No. 4 is bad since a new well would be built in a similar area. Trustee Pappas asked a question regarding water movement in the Village and surrounding areas and if a big development project could impact the water movement and if we should wait until after the project is finished in order to decrease any risks with more water being added to

any area or the landscape changing. Mr. Jacque stated that while the property project could impact some water movement, he didn't necessarily see it as a huge risk to impacting the wells as they currently stand and that if the Village decided to replace Well No. 4 and dig a new well that it would be dug shallower and should be able to handle any changes. Administrator Loomer asked a question about a timeline for the options Mr. Jacque presented. Mr. Jacque acknowledged that the rehabilitation process would be shorter and more likely a 6-month process while the estimated time to complete a new well would be around 1.5 to two years if they act quickly. President Kenny then asked a question on what Mr. Jacque's recommendation would be to the Village out of his presented options. Mr. Jacque stated that his recommendation based on the findings would be to abandon Well No. 4 and drill a new shallower well. Mr. Jacque stated that if the new well is drilled within the same area but shallower than Well No. 4 the Village could save some costs by keeping the building and some of the hookups and connections the same and running the well the same since there were no issues with the equipment when tested. Mr. Jacque lastly stated that if the Village should go the route of replacing Well No. 4 that they could also have it cleaned and reassembled to use in emergency circumstances such as in case of a fire since the well is still functional, and the water is drinkable and usable, it just has some turbidity to it.
Trustee Pappas/Trustee McGreevy 2nd made a MOTION to move forward with replacing Well No. 4 with construction of a new Well and reassemble Well No. 4 for emergency use only until new well is constructed, as presented, and the MOTION carried without negative vote.

Adjournment

Trustee McGreevy/Trustee O'Neill 2nd made a MOTION at 3:48 pm for the Village of Fontana members to adjourn the meeting, and the MOTION carried without negative vote.

Minutes prepared by: Drew Lussow, Village Clerk

Note: These minutes are subject to further editing. Once approved by the Village Board, the official minutes will be kept on file at the Village Hall.

APPROVED: 09/11/2023