



Village of Grantsburg

Public Works Committee Meeting

Wednesday, August 10, 2022

The Public Works Committee met on Wednesday, August 10, 2022 at 2:00 p.m. at the Village Office Building, 316 S. Brad Street, Grantsburg, Wisconsin.

Present: President Terrance Kucera, Trustee Hank Java

Absent: Trustee Leo Janke

Others: Director of Public Works John Erickson, Gary Strand-Cooper Engineering by phone, Jim Groose-Water Surplus by phone.

Call to Order President Kucera called the Public Works Committee meeting to order at 2:00 p.m. Clerk/Treasurer Meyer conducted roll call. The pledge of allegiance was recited.

Water Manganese DPW Erickson presented quotes received for the rehabilitation of Well #3 and for acid washing the filter tanks and media. Estimates received for the rehab of Well #3 were received from Municipal Well & Pump for \$27,780 and from Water Well Solutions for \$18,665 to \$22,510. Jim Groose, Water Surplus, estimated the acid washing at \$13,500 using Water Well Solutions. DPW Erickson reported that Tim Hackbarth with Water Well Solutions used to work for Water Surplus and has been involved with the manganese project since the beginning. Gary Strand and Jim Groose were called and joined the meeting via phone. Groose felt both the rehab and the acid washing should be done to deal with the slime producing bacteria found in the filter sample when analysed and then the sodium permanganate added to oxidize the silica. President Kucera asked what guarantee the Village had that these processes would work to lower the manganese levels. Groose said the system will work if the bacteria creating slime is removed but he would not put a guarantee in writing. President Kucera also asked if cleaning the well was discussed at the beginning of the project. Groose said it was not. DPW Erickson asked if the installation of a new sodium permanganate chemical feed system needed to be added now or if we could wait. Groose said the well rehab and acid wash will deal with the bacteria but will not take care of the silica, so adding the sodium permanganate system is still recommended. Strand said that slime producing bacteria grows in wells with manganese and may have died while the well was turned off and then started growing once Well #3 was put back in service in February. Strand felt the acid wash might be a maintenance issue that would have to be scheduled and done every 5 years or even every 10 years. Strand submitted the plan for installing a new sodium permanganate chemical feed system to the WI DNR for approval. That approval was received with a requirement that the Village submit a report on the results after 4 months. DPW Erickson asked if the well rehab, acid wash and addition of sodium permanganate failed to satisfactorily bring the manganese levels consistently below the 300 parts per billion, what would the next steps be? Neither Groose nor Strand had an answer without more research. Strand felt it would take 2 to 3 weeks to receive WI DNR approval for the Well #3 rehabilitation process. During the rehab process, Well #3 will be shut down and Wells #1 & #2 will be turned on to handle the entire Village. **Motion by President Kucera, second by Trustee Java to recommend the Village Board authorize the rehabilitation of Well #3 and**

acid washing of the filter tanks and media with Water Well Solutions at an estimated cost of \$18,665 to \$22,510 for the well rehabilitation and \$13,500 for the acid washing of the tanks and media. Motion carried unanimously.

Adjournment President Kucera adjourned the Special Village Board meeting at 3:00 p.m.

Sheila Meyer
Clerk/Treasurer