Waterville Estates District Commission
Water and Roads Committee Meeting Minutes
January 12, 2022

The meeting was called to order by Chairman Herlihy at 10:30 AM. The meeting was held at the Community Center, 562 Winterbrook Rd., Campton NH 03223.

Members Present: John Herlihy, Stan Bujalski, Jaime Oldmixon, Terry Bennett (Zoom).

Others Present: John Scruton (Zoom), Kyle McCammon; Dubois and King (Zoom),and Steve Baert (Zoom).

Agenda amended to include : Election of a new Chairperson, and Item 6: Cross Connection Policy as required by DES.

Approval of the Minutes of November 19, 2021

Motion by Bennett, Seconded by Herlihy to approve the minutes of November 19, 2021 as presented. Motion carried. Yeas: Bennett, Bujalski, Herlihy and Oldmixon. Nays: None.

Chairman Herlihy stepped down from the chair position, explaining that is it is preferred that Commissioners do not Chair committees. He asked that a new Chairperson be elected to serve the committee. Discussion took place and it was agreed that Jaime Oldmixon and Terry Bennett would co-chair. Ms. Bennett offered to create the agenda's / postings information with committee input and do the minutes of the meeting.

Motion by John Herlihy, seconded by Stan Bujalski to elect Jaime Oldmixon and Terry Bennett has co-chairs of the Water and Roads Committee. Motion carried. Yeas: Bennett, Bujalski, Herlihy and Oldmixon. Nays: None.

Item 1: Asset Management Plan Update

A. Mission/ Vision Statement/ John Herlihy

Discussion of draft statement ensued, and suggestions made to shorten and add clarity. John S made suggestions that tied to the current water ordinance. Mr. Bujalski asked for clarification of the Committee responsibilities. It should be noted in the statement that the Committee only makes advisory recommendations to the Commissioners who are the appointed Water Commissioners.
Language changes need to be made to this portion of the statement. The date of statement is also incorrect. Mission statement does not need a date and needs to be more compact. Mr Herlihy will modify and submit to the committee for final approval at the next meeting.

B. Service Level Statement

Draft a format for the next meeting. John Scruton will forward the Oct. document from the state.

C. Educational Piece Development with be the third piece to be developed when more information about meters and rates are available. This is agreed to be a important communication piece.

Kyle McCammon; DuBoise and King, asked for copy of Asset Management Grant document to be forwarded to him. DuBoise and King have completed the following: Draft document of all the assets in the system is completed; Evaluation of the condition of all the assets; Map of the system with the larger assets laid out including elevations; Draft of recommendations of priorities needs of the system. Additional discussion is still in play to develop the final context of the piece. Financial information is still needed from WEVD. In addition; Kyle asked for well meter readings, October through December . He also asked for the results of the Radon sampling that was ordered. He asked if any discussion has been had with Campton and Thornton regarding a partnership for water resources. Mr. Herlihy indicated it was an idea to expand our options at the beginning of this process. John Scruton talked to Campton regarding support with a licensed water person. He indicated that Campton Village had a part time contract for a licensed water person and that person had a full-time position in another location. He indicated in his tenure he was not aware of the specific question being asked about merging or an

interconnection being asked of either community. Ms. Bennett wondered if this should be explored. The question asked is would this option provide an emergency source of water in place of development of a second well site? Mr Scruton indicated that in his opinion it would be easier for us to provide water to them downhill vs pumping it uphill. Mr McCammon indicated that development of a pumping station and tank could be very costly and time consuming. Mostly likely not a very feasible possibility. Campton has a very small system. Steve has not seen anything on the Radon Testing and will call Lakes Region to check on the progress of testing. Steve will also check on the Liberty Wells meter information.

John Herlihy asked for the big red flags of the system. Kyle indicated there are 3 big flags. 1. Treatment building/rebuild/redo at the ski bowl area. 2. Source Capacity additional wells and pumps. (More source water needed for build out capacity) WEVD should begin permitting process now. 3. Sunset Tank, with concern for increased capacity vs. an in-kind replacement. In-kind replacement cost is 500,000.

Mr. Herlihy asked if they will recommend an option for alternative treatment location. Liberty Lane was again suggested. Centralized treatment location is a good idea. Mr Oldmixion reminded all that treatment in that location was a problem with pressure and burning up the chemical pumps.

Ms Bennett asked if a second treatment facility would be needed at the new well site. Kyle indicated not necessarily as he remembers the new site to be 1000 ft or so from the current well site. Mr. Bujalski asked if the new well could be located closer to the current wells. Kyle indicated that adding a well at that location would be drawing the same source water and thus not adding any capacity to the system. Kyle indicated that source contamination would be a concern if all well were located together.

Mr Scruton asked if a pressure as related to the pipes in the ground would be a problem. Kyle could not answer at this point.

Item 2: Discussion of Water Meter RFP/Bids

Mr. Bujalski asked how much pressure is going to be lost through the meter installation. Dubois and King working on the hydraulic model and more information will be coming. Responsibility of the water pressure

ends at the meter specifically. If you have the pressure at the meter you are meeting the requirement of the DES. The community is not responsible for the pressure inside the house. Mr Bujalski still has concerns on about pressure issues. Kyle will look for standard table to add to the hydraulic model.

Ms Bennett asked about checking pressure prior to install. Should meters be required if WEVD can't provide pressure. Mr Oldmixion indicated that we have a responsibility to provide the pressure. Thus we need to provide the structure to do so. Mr Scruton indicates that providing a system in a private home in terms of a boosters and maintained. Mr Oldmixon indicated that there some options for a boosted line. The problem is an economic one as the resources are not unlimited. The hydrologic model must include elevation of the lot as well. Mr Bujalski asked about a static water tank. Kyle indicated you could build a static tank that runs down to homes. You have to have a way to pump it up into a tank. Also static water is a problems so the tank will have to turn over and be tested for water quality issues. Cost will be significant to build. It is an option that should be evaluated.

Mr Oldmixon emailed cost spreadsheet. He called references (three for each). Neptune had no local cellular references. TI Sales references all came in positive. Service and Support has been good. Battery life is an issue based upon where the meter is located and how much power it needs to get the signal outside of the home. IT person is responsive.

Stiles company has also received positive recommendations. Beacon software was a big plus for monitoring of the use and condition of the meters. Remote antenna needs to be above grade and is effected by metal buildings. Also recommended that we purchase the 25 foot antenna wire for the few extra bucks. Beacon software has been a big plus with customers interface. Cell has not been an issue.

We have cell evaluation from both companies. 98% can be covered by one network and 2% by another network. These are machine systems not residential cell networks. Both systems have the ability for radio read and thus not putting eggs all in one basket.

Stiles is a bit more expensive than TI Sales. Software and set up fees more with Stiles. Meters are within 70 dollars of each other. Major

difference is the Beacon Software cost. It is the software with customer interface and community interface that is expensive.

Mr Oldmixon will ask TI Sales about the future development of a customer portal in 2022.

Cellular gives almost instant information vs a periodic radio read.

The committee is not ready to make a recommendation at this time.

Mr. Bujalski, two reputable companies, not opinion on Software., K-Horns are similar, thinking he would go with TI Sales. Questions radio read may also difficult in this community. Still questions.

John Herlihy tends to lean toward TI Sales. He believes the software is a slippery slop. Simple is better with TI Sales.

Terry Bennett both companies are reputable. Not sure how I feel about the software. I would like to ask for an update on this issue. I am also uncomfortable that we would be the first cell community for them to implement outside of a reference in California.

Mr Oldmixon was uncomfortable with same limited cell installation. Part of the idea of putting a meter in homes was to help us find and monitor leaks. Do we want have to wait for data from periodic radio reads?

It was generally discussed that we need to go back to TI Sales and get answers to question related a more local cellular install, and end user interface.

Committee not in a position to make a recommendation today.

Item 3: Update on Repairs of Well # 1:

Both wells have bee repaired and replaced. Both well are now functioning.

Item 4: Sunrise Tank Status

Not in budget at this point. $50,000 in budget for a strategic plan. Tank is a 500,000 in-kind replacement. With asset management plan complete, then strategic plan in 2022 and apply for grant/or loan in 2023 for the work is being recommended.

Evaluation of all the tanks is being done on needed maintenance by Lakes Region.

Item 5: Management Update

Budget questions:

1. Encumbered funds to pay for Asset Management Plan remaining contract.
2. Budget breakdown by line item request
   John will send breakdown for PROPOSED BUDGET
   60.000 for materials and repair
   LEAK REPAIR
   ELECTRIC
   WATERLINE UPGRADE
   ENGINEERNG SERVICES.

Item 6: Cross Connection Policy as required by DES

Mr. Scruton used a draft policy sent from NH DES. Came up as a result of snowmaking. This policy assures no back flow into the system as a result of addition syphoning differentials of water from the system He made some minor changes which include: changing references of city and town to village (WEVD), when putting in a new meter to add an anti-siphoning valve. If plumber putting in meter, simple to add other. Also called backflow preventer.

K-Horns have this included in the install. Only when a problem is discovered will the installation be required outside meter installation for which is is in the above mentioned K-Horn. This would basically come into play when a problem results in an unmetered home or location.

This would be a separate policy that is supported by the Water Ordinance. A class would be needed to train an inspector for this purpose of inspecting the certified device is installed.

Mr Scruton will clarify inspection requirements with the State DES.

Motion made by John Herlihy, second by Jaime Oldmixon to move the recommendation of adoption of the Cross Connection Policy as required by the NH DES to the WEVD Commission.

Motion carried. Yeas: Bennett, Bujalski, Herlihy and Oldmixon
Nays: None

Item 7: Other

No Citizens Comments

Next meeting scheduled for 1/26/2022 at 8:30 AM

Adjourn:

Motion to Adjourn by Bennett, seconded Oldmixon at 12:44 PM. Motion carried by all members present.

Minutes Approved: 01/26/2022

Signature:_____
Jaime Oldmixon/ Chair

Recording Secretary: Terry Bennett
Terry Bennett