Waterville Estates Village District
Water and Roads Advisory Committee
Minutes of November 16, 2022

Mr. Herlihy called the meeting to order at 8:52 am. The meeting was held in the Summit Lounge, Community Center, 562 Winterbrook Road, Campton NH 03223.

Members Present: Bennett (joined by zoom at 9:05), Bujalski, Herlihy, Patti, Panuczak.

Others Present: State of New Hampshire Department of Environmental Services : Andy Koff, David Hisz, Randal Suozzo, Steven Roy. James Vernon of Nobis, attended by Zoom. Nick Sceggell of DuBois and King, Maureen Patty (Zoom). Ron Beard.

Motion by Bennett, seconded by Panuczak to approve the minutes of October 19, 2023. Yeas: Bennett Bujalski Herlihy, Panuczak. Nays: None. Abstain: Patti.

Item 1: Discussion with NHDES Staff related to gaining Historical information of Potential Water Source Investigation in WEVD.

Three Sites were discussed:

A. Current Liberty Lane T-Well Site Expansion
B. New Well Site off Liberty Lane/ Snowood Site
C. Location for Bedrock Well Behind the WEVD Community Center access off Marden Drive.

Historical records were presented: Mr Roy indicated that WEVD has been on the radar of the Bureau for over the last 16 years; “with issues and problems; some resolvable, others..questionably resolvable. Most instances have been to assess for causes of incidental water quality issues in the system encounters due to non-conventional construction of the current water supply wells.”

A. Liberty Lane Inverted T Wells or Horizontal Drain Wells

In 1992, two shallow gravel packed wells were installed off Liberty Lane and adjacent to the Madd River. Both Wells installed the same day December 1, 1992. It is believed these wells were not drilled but installed with and excavator. The unorthodox method of construction was not accepted by the Water and Well Board until recently. The current wells are approved for 55gpm for each well. The report indicates that it may be possible to dig a deeper drilled well in the area.

These two wells were built to solve the bacteria contamination in the earlier Bedrock Wells which could not meet updated EPA standards for drinking water.

There is a concern here that in a Flood situation a suitable flood Sanitary barrier does not exist around the current wells. It is known that previous hurricane event flood conditions were very close to impacting the current wells. Investigation, engineering study, test well site and impact on the flood plain would have to determine if a deep well in this area is possible. In addition, most likely additional property would be needed to create a sanitary impact buffer. Any additional water taken beyond the 55 gpm would have to be studied as related to the impact on neighboring water systems taking water from the Madd River aquifer.

B. Liberty Lane/ Snowood New Well Site

In 2012 Steven Roy spoke with Jim Vernon of Nobis Engineering strongly discouraging (NHDES) the Snowood site. Accessibility to the site is very poor and questionable at certain times of the year and conditions. Some latitude was noted if ownership of the property could be gained. Mr Corey Smith indicated he believed he could construct a adequate road for access/ egress. An access road was attempted off Liberty Lane near Snowood. The access road attempted ends several hundred of feet upon reaching a cliff/ ledge

that stopped construction. Access here would be very expensive to build. The test wells on this site were put in by gained a temporary access off private property on Mountain View Dr. It was suggested that WEVD contact these private property owners to see if property for this easement could be acquired. An access road would have to be built. This option is the best way to successfully access the new potential well site. There seems to be a clean sanitary buffer around this site. A flood buffer would also have to secured around this site to protect from flood events. An impact study would also be required to determine gpm draw on other systems getting water from the Madd river if draw exceeded 55 gpm.

Locating two well sites in the Madd River does not solve the source diversity that the aNHDES would like to see. They do recognize that WEVD options are limited.

C. Bedrock Well/ Marden Dr/ Behind Community Center Well Site

This site would require digging a test well to gleam if gpm would provide an alternative, additional water source that would meet EPA drinking water standards. It is likely an additional treatment and pumping center would have to be placed here. it would have to be determined it a sanitary buffer is present. And again engineering study would be required.

A test well would determine if the gpm would be sufficient to consider this as a possible site. Some Bedrock wells do not produce the volume needed and some a very sufficient. There is no way to know unless a test well is done, In addition as noted above needs of treatment for minerals may be required,

Staff from NHDES suggested that making application for an Asset Management and Strategic Grant would be a avenue to gain dollars to proceed with a plan to move forward, This is exactly what this state grant money is designated for. The due date for application is December 9, 2022.

NHDES staff left the meeting at this point.

Mr Sceggell will be directed by staff using budgeted consulting dollars to prepare a grant application on behalf of the WEVD for an asset management and strategic plan grant in 2023.

Next Meeting Date: December 15, 2022 at 10:00 am.

Meeting Concluded at 11:23 am by an unanimous vote.

Respectfully submitted;

Terry Bennett

Approved Date:_____

Chairperson
Signature:_____