Village of Hewitt

Planning Committee Meeting Minutes
Tuesday, January 25, 2011

Present: Charlie Adamski , Kevin Boyer, Jeff Graves, Erik Jacobi, Ken Eilers, Marlene Stueland
Excused: Kris Hawley
Also present: Jason Grueneberg, Ken Bradbury, Mark Borchardt

Meeting called to order at 6:05p. by Chairman Graves

Minutes presented from November 30, 2011. Motion to approve by Marlene, Second by Kevin. Motion carried.

Public Input: None

Old Business:

Water Resources: Ken Bradbury, Hydrologist/Professor, University of Wisconsin, Madison discussed the geology of the Hewitt Area. Several years ago Ken completed a full study of water resources in the Junction City area. He is familiar with the Hewitt area as well. This area is one of the toughest places in Wisconsin to get water. Most of our subsurface is granite. Water is found in granite fractures. Sometimes people will get lucky and find sand bodies within the granite that produces high capacity wells….. very hard to find and predict. Several things can be done to determine the current availability of water and maintain capacity for future water needs in our community.

1. Summarize all available well logs in our community. Contact Mr. Mark Putra, Section Chief of Private Water Supply at DNR at Mark.Putra@Wisconsin.gov. This will help us understand the geology of our area. Average depth of bedrock, static water levels, pump test results, etc. Determine the specific capacity rate of each well and average for the community. Formula is pump rate divided by the difference between static water level and draw down water level for gallons per minute per foot. A ration of 1.0 or greater is good.
2. Determine a water sustainability rate by reviewing rainfall, recharge rate, and usage rates. This may be a great project for a UW student.
3. Consider a plan for future water needs. Fitchburg, WI has been a progressive community that has implemented recharge zones. Reviewing their accomplishments may be helpful to Hewitt. Other ideas include larger lot size, green space, water retention ponds.
4. Water Quality is not currently a significant concern. Ken feels that on a scale of 1 (poor) to 10 (excellent) our water quality is about 6. Because most all water recharge is local, we have control of water quality. Suggestions include reviewing all abandoned underground tanks to prevent groundwater contamination. Also, verify all abandoned wells are properly sealed since they create a direct line for potential contamination to the aquifers. Financial assistance is available from the DNR. Generally, surface water is moving away from Hewitt. This is good because we don't need to screen outside sources of water coming into our recharge system.
5. Consider implementing a homeowner water quality testing program for residents. Kevin Masarik, Central Wisconsin Groundwater Center, can be contacted at kmasarik@uwsp.edu or 715-346-4276 for specific information on this program.

Other research resources available include:

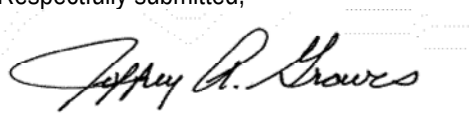
- "Water Availability in Central Wisconsin – An Area of Near-Surface Crystalline Rock" by Bell and Sherrill. USGS water-supply paper 2022.
- Website for groundwater planning: http://wi.water.usgs.gov/gwcomp.index.html

New Business: None

Motion to Adjourn by Marlene and second by Charlie. Meeting adjourned at 8:02p

Next Meetings:
Tuesday, February 1, 2011 7:00p
Tuesday, February 22, 2011 7:00p

Respectfully submitted,



Jeffrey A. Graves