

Wellhead Protection Minutes December 14, 2005

The Wellhead Protection Meeting began at 7:00 p.m. at the Bear Lake Village Hall.

Members Present: Vern Best, Carver Edwards, Robert Howe, Jim Ludwig, Glen Moore, Michelle Mortenson, Ron Ronning and Carol Urbanus.

Absent: Dendra Best, Connie Guerne, Ricke Guerne, Don Hyrns, Alfred Johnson, Mike Ludwig, Gary McBride.

Guests: Don Conway (Gosling Czubak, Engineer).

Overview: Vern Best will send out the Wellhead Contingency Plan (2003) to various businesses and organizations. The Contingency Plan will be updated in 2008.

Dendra Best was successful in securing a \$600 Grant from the Manistee County Community Foundation for the period of December 1, 2005 thru December 1, 2006 for the Village of Bear Lake. The grant will be geared toward the Education Program planned at Bear Lake School.

Don Conway reported that we have completed all major elements for the previous year and meet all requirements.

The DEQ has requested a timeframe and liaison person to ensure obligations are being met for the upcoming year. Future plans include a K-12 Education Program that will attentively be held in March of 2006 during Water Awareness Week. Ideas for the program are encouraged and will be discussed during the regular council meeting. The meeting closed at 7:30 p.m.

WELLHEAD PROTECTION MEETING

Village of Bear Lake

September 14, 2005

The Quarterly Wellhead Protection Meeting began at 7:05 p.m. at the Bear Lake Village Hall.

Present: Dendra Best, Vern Best, Carver Edwards, Connie Guerne, Don Hyrns, Mike Ludwig, Michelle Mortenson, Ron Ronning and Carol Urbanus.

Guests: Don Conway (representative of Gosling Czubak)

Overview: A New Well Location Plan; Best Management Plan; and the overall Program Plan was discussed for the 2005-2006 grant cycle.

In regards to the New Well Location Plan; usage evaluation, anticipated community developments, potential locations and general siting criteria were examined. Under the Best Management Practices; a Master Plan, Zoning Ordinance, Distribution of information to businesses concerning state and/or local requirements, Monitoring within the wellhead protection area and Interagency coordination and communication with

county or state agencies were also reviewed. Mailings, flyers, signs, models, newspaper articles and website postings are education and outreach items that the Village could possibly implement in the future.

Wellhead Protection Meeting
February 9, 2005

The Wellhead Protection meeting began at 7:00 p.m.

Members Present: Vern Best, Robert Howe, Don Hyrns, Michelle Mortenson, Ron Ronning, Carol Urbanus, Gary McBride and Glen Moore.

Absent: Connie Guerne and Ricke Guerne.

Guests: Don Conway (Gosling Czubak, Engineer), Carver Edwards, Jay Johnson and Dave Long.

Overview: Don Conway presented a summary of completed past activities plus some of the upcoming projects for the Village of Bear Lake. Completed activities included: Installation of monitor wells at Village well field; Aquifer testing; a regional ground water study was conducted; Established the Wellhead Protection Area; Contaminant source inventory; Contingency Plan; and Education Activities.

The Wellhead Protection Grant requested and approved for 2005 was \$4,000 (with the Village to match for a total of \$8,000).

Vern Best reported that water samples were collected from various sites for potential nitrite contamination with concern centering property on the corner of 11 Mile Road and Anderson Road along with possible contamination on the corner of Potter & US 31 Roads. Great Lakes Water Testing in Lake Ann will conduct water testing for individuals at a cost of \$12 or a reduced rate of \$10 for a group of at least ten people.

DEQ site has a map (thru 2003) that shows the nitrate levels at various areas. An updated map should be available soon which will probably show more areas contaminated near our wellhead protection area.

Basic items need to be completed in order to fulfill the requirements of the grant. They include: A Management Plan; New Well Location Plan (including a reliability study, property availability, location with respect to existing water mains, water quality, aquifer capacity, potential sources of contamination and isolation requirements) and a final Program Plan.

The meeting closed at 7:35 p.m.