

**November 21, 2017**  
**6:00 p.m.**

## **Yankee Springs Water Advisory Board Meeting Minutes**

1. **Call to Order:** The November 21<sup>st</sup> meeting of the Yankee Springs Water Utility Advisory Board was called to order by Greg Purcell at 6:05 p.m.
2. **Roll Call of Board Members:** Board Members Greg Purcell, Michael Peiffer, Todd Delamar, and Alice Jansma were present. Richard Beukema was late with notice, he arrived at 6:15 p.m. Gun Lake Area Sewer & Water Authority Director Larry Knowles and Office Manager Tara Palandri and Mr. Don DeVries from Fleis & VandenBrink were also in attendance.
3. **Review Minutes:** Mr. Peiffer motioned to accept the October 17<sup>th</sup> meeting minutes with Ms. Jansma supporting, motion carried 4-0.
4. **Public Comment:** None present.
5. **Nitrates:**
  - a. Chad Kraai, from Kraai Well Drilling, discussed his involvement and experiences with nitrates in the area:
    - i. Recently, Kraai Well Drilling drilled wells in areas with similar nitrate issues. In the past, the shallower 50-foot wells tested positive for nitrates causing them to have to drill deeper wells. Recently, they are finding nitrates at the 150-foot level and none at the 50-foot level. Mr. Kraai has seen this occurrence in a few townships recently but is unsure why the nitrates appear to have disappeared at shallower levels.
    - ii. Until the source of the nitrates issue is found or there is confirmation that nitrate issues are decreasing, Mr. Kraai recommends:
      1. Reaching out to local areas that have nitrate issues to see how they are treating the issue.
      2. Contacting Barry County Health Department to see if they will allow homeowners to resort to nitrate treatment systems before having to prove there is no quality water available by drilling multiple dry wells.
    - iii. Kraai Well Drilling is available to the board as a resource for any issues or questions regarding nitrates in the future.
6. **Standard Specifications:**
  - a. Fleis & VandenBrink
    - i. Mr. DeVries presented an example of specifications for the water system.
      1. After reviewing the specifications, Mr. Delamar proposed including a specification that states that the MDEQ (Michigan

Department of Environmental Quality) standards and regulations must be met.

2. Mr. Purcell asked Mr. DeVries if Fleis & VandenBrink could provide the board with examples of specifications from similar townships such as Allendale or Byron Center.
  - ii. After some discussion, the board decided it would be best to have these specifications adopted into an ordinance when complete.
  - iii. Mr. DeVries will work with Mr. Knowles on developing proposed specifications for the Yankee Springs Township Water System.

**7. October Water Report**

- a. Attached.

**8. DEQ Reports**

- a. Mr. Knowles gave the board an overview of the schedule for MDEQ reports that the Water System must submit daily, quarterly, annually, etc.

**9. Shalinda Development**

- a. There will be a meeting Tuesday, November 28<sup>th</sup> at 9:00 a.m. at GLASWA between representatives from Yankee Springs Township and representatives from the Shalinda Development.
- b. Mr. Knowles asked Mr. DeVries to explain the permitting process for a new water main. Mr. DeVries explained the process as the developer's engineer will provide 3 copies of the project drawings and specifications. These copies will include the township's recommendations. Once the approved drawing/specifications and the DEQ application are submitted to GLASWA, the township's representative will sign and forward the application to the DEQ.

**10. New Business**

- a. Ms. Jansma mentioned that Yankee Springs Township received an invoice from Fleis & VandenBrink and asked about who should pay for what portion of the bill. After some discussion, the decision was to have the Yankee Springs Township pay for the plat review and the Water System pay for the board meetings that Fleis & VandenBrink are attending.
- b. Mr. Purcell asked Mr. Knowles if he could notify the Advisory Board of any possible educational opportunities in the spring.

**11. Discussion:** None.

**12. Adjournment:** Meeting was adjourned at 7:49 p.m. by Mr. Purcell supported by Mr. Beukema, passed 5-0.

Next Scheduled Meeting: Tuesday, December 19, 2017 at 6:00 p.m.