

Algoma Sanitary District  
Water Advisory Council

Alex called the meeting of the Water Advisory Council to order at 6:00 p.m.

Alexander Irvine, Kevin Mraz, Joel Edson, Jeff Rasmussen, Bob Nadolske, Dewey Nelson, Bill Heidemann, Rose Mraz and Madeline Gotkowitz were in attendance.

- 1) Madeline attended and gave a power point presentation on her groundwater arsenic research at the Honey Creek monitoring wells.

**Staff Reports:**

- 1) Schedule for current operations.
  - a. The District has been painting fire hydrants with the majority of them being paid for by contractors.
  - b. The District's operators will be exercising the water valves in October to keep them in good working condition.
  - c. The District will be flushing the hydrants using a unidirectional hydrant flushing to keep the mains and hydrants free of debris.
- 2) Water connection status
  - a. There are 659 homes connected and using the water as of July 31.
- 3) Ground water level status for well #1 and well #2
  - a. The static water level has stayed about the same for well #1 and rose slightly for well #2 the last year. This is in the good water quantity news for the District. The pumping levels have also stayed the same.
- 4) Arsenic test results for 2006.
  - a. The District has very good test results which indicates a no detect for arsenic in raw or treated water.

**Discussion:**

- 1) Post review of the water emergency response tabletop exercise.
  - a. Kevin said the table top exercise was a good exercise for the District's staff. There were representatives present from many organizations and the District learned about help that other organizations can give in a time of need.
  - b. This exercise was put on by the DNR through a grant.
- 2) Discussion about water treatment facility/administration building location.
  - a. Kevin told those present that the District received an accepted offer to purchase land just south of Horseshoe.
    - i. The District chose this site as it is best to have each well a mile apart and when the system is built out we could use 5 wells.
      1. Bill said that this area would not be the best for the Fire Department as they need a more centralized location.
      2. The District was told previously that the Town is looking into renovating their existing office.
    - ii. The District's timeline is such that the land needs to be purchased in order to start drilling the next well so it is operational when 950 homes are hooked up.
- 3) Discussion about water treatment facility permit and construction schedule timeline.
  - a. Roadway permit on County Highway.
    - i. The county turned down the permit for access through 66' frontage due to the location of an existing driveway to the west and offset from Horseshoe.

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- ii. Kevin said he will continue working with the Miller's to see their thoughts about the location for a road as they thought the road would be where Kevin requested it from the County.
  - iii. Bob Nadolske said a future town road is planned for in this area.
  - iv. The County said they would approve a driveway to the property and this would work for the District's needs until the road goes through.
  - b. Well suitability study and setback requirements.
    - i. Strand will complete this study which is necessary to continue moving forward with the land purchase. The preliminary and hydrology study was completed indicating the land will work for the District's needs.
    - ii. The District's target for well #3 is 750 to 800 GPM. Dewey asked how deep the other wells are – well #1 is 673' and well #2 is 655' with well #1 pumping 350 GPM and well #2 at 550 GPM.
  - c. Certified Survey Map.
    - i. Ryan Roehlig, with R A Smith will be drafting the CSM for the purchase.
      - 1. The District will designate the road right of way to the Town.
  - d. Winnebago County conditional use permit
    - i. The District is planning on going forward with this permit to have approvals in place prior to the final purchase of the land.
    - ii. Bob didn't think there would be a problem with the use of the property as it looks like it should work with the Town's comprehensive plan. Bob recommended that Kevin attend a committee meeting and discuss this on an informal basis.
  - e. Closing on land purchase
    - i. The District is 90% sure that the land will be purchased. The District is also working on the easement for access to have this in place prior to closing.
  - f. Drilling well #3 for water treatment facility #3
    - i. Kevin discussed the District needs this well on line within 3 years to have sufficient water for residents and fire protection. When determining water requirement, you need to take your highest producing well out of the computation due to the fact of having a well out of service for possible repairs and upkeep. The additional well will allow service for 2,100 residents.
  - g. Timeline requirement to go online to satisfy water quantity demand daily consumption.
    - i. The District needs well #3 operational by the time 950 homes are hooked up for water and fire protection usage. There's 50 to 100 homes per year hooking up; therefore, the District wants this well on line within 3 years.
- 4) Discuss water and sewer extension for water treatment facility #3.
- a. Kevin discussed possible routes for water and sewer to the new site.
    - i. The District will be holding a meeting with residents on Horseshoe Road to obtain their input to help determine the best location for north/south mains prior to incurring cost to design the mains.
- 5) Action items for District to address
- a. There was no additional action items requested.
- 6) Council concerns/comments/questions/future agenda items.
- a. Bob said to watch the type of lighting that goes in. Kevin said it would be similar to the well facility on Thackery Road.
  - b. Jeff asked Kevin to check Leonards Road, just past the curve regarding restoration.
- 7) Close – The meeting closed at 8:30 p.m.