Well 7 Citizen Advisory Panel
Sherman Middle School
October 25, 2012; 6 p.m. – 8 p.m.
Meeting Notes

Meeting Facilitator: Al Larson, Madison Water Utility

Meeting Attendees:

- D. Kester, Citizen
- Birkley Bennett, Citizen
- Arlene Jungbluth, Citizen
- Daniel Smelser, Citizen
- Andy Mullendore, Strand Associates Inc.
- Doug Hursh, Architect, Potter Lawson Inc.
- Mark Oleinik, P.E., Strand Associates Inc.
- Janet Battista, Citizen and member of MWU Water Quality Technical Advisory Committee
- Joe Grande, MWU Quality Manager
- Marie Van Aartsen, MWU Acting Public Information Officer
- Al Larson, MWU Principal Engineer & Well 7 CAP Project Manager

Primary Goals:

- Establish CAP Structure and Organizational Details
- Provide a Project Overview and Schedule
- Gather community comments and concerns
- Identify Next Steps

Agenda:

1. Welcome and Logistics
2. Introduction
3. CAP: Goals/Membership/Organization/Commitment
4. Overview of Well 7 Iron and Manganese Filter Project
5. Neighborhood/Community Issues to consider
6. Next Steps
7. Check out/Meeting Evaluation

1. Welcome and Logistics
2. Introduction -Meeting participants introduced themselves and shared why they were attending the meeting.
    a. Changes made at Well 7 will result in safe, clean drinking water from a facility that fits within the neighborhood.
    b. To learn more about the project
    c. To follow the project and understand how the process works
    d. Learn more about the CAP process
3. Meeting Expectations
    a. Determine the focus and time process at future meetings
    b. To keep the focus on Well 7
    c. For the process to be a learning process

4. Overview of Well 7 Iron and Manganese Filter Project - Education on Well 7, including the Iron (Fe) & Manganese (Mn) levels, the existing site layout and possible future layouts of Well 7 were presented and discussed.
5. Neighborhood/Community Issues to consider & Open Discussion
    a. Limit the height of the new facility, keep the profile low-key
    b. Didn't realize the existing structure was a well house. New facility needs to be "invisible" like the old one. Don't make it a show piece.
    c. Would like the structure to be set back on the parcel away from the corner.
    d. Important the appearance of the structure is nice; location is a prominent corner of the neighborhood.
    e. Would like to save the existing large trees.
    f. If the structure has a portion that is higher, place the taller portion in the southeast corner of the parcel.
    g. Are both neighboring parcels available for purchase? If so, seems to be a good idea to purchase both.
    h. Prefer no roof mounted HVAC.
    i. Look at retaining wall between well and school property.
    j. Access from Sherman and/or Schlimgen was question and discussed. Access to well head is an important consideration regarding access.
    k. Is there a need for future removal of volatile organic compounds (i.e. air stripper like at Well 15)?
    l. Goats if there is grass on top of the reservoir.
    m. Water conservation
    n. Appreciate utility drafting Wellhead Protection Plan for Well 7 (WHPP)
    o. Questions on drawdown of aquifer due to different rates of pumpage of well.
        i. Area of contribution
        ii. Understanding of hydraulics
    p. Understanding of where water is pulled from – upper versus lower aquifer. Borehole at Well 7 is cased to the lower aquifer, below the Eau Clare shale.
    q. Questions on the relationship between pumpage rate and the level of iron and manganese.
    r. Are there future concerns of potential contaminants needing to be filtered from the water?
    s. Does the level of chlorine affect the level of iron and manganese?
    t. Concern there will be contamination and/or lower water quality due to the construction of the new well house and reservoir.
    u. How does the utility know if a water pipe is broken? Understanding of a pressurized system.
    v. Hose connection vacuum breakers and the benefit they provide to outside hose bibs.
    w. How much construction activity will there be on the street? Sanitary sewer, water and fiber lines out of the building. Very localized construction right at the site for a relatively short period of time.
    x. Are tonight's attendees officially a part of the Well7 CAP? YES!
    y. Can people from Maple Bluff also be part of the Well 7 CAP? YES!
    z. Love the WPA structures and look of the current Well 7 well house. What will the new structure be constructed of? Able to incorporate any of the current stone into the new structure? Nice if the walls aren't too uniform. Could the WPA plague be used in the new structure?
    aa. Are there any interns who could help with the project? (potential cost savings?)

6. Schedule
    a. Tonight – Conceptual, pre-design, meet with the CAP
    b. Going forward – Meetings approximately monthly. Notification will be made of the public meetings.
    c. Final Design – produce drawings to produce facility. Will involve other City departments including Planning, Urban Design, Board of Public Works and Building Inspection. Approximate completion date of June 1, 2013
    d. Bid Process – approximately 1 month; incorporates a low bid process
    e. Contract details worked through
    f. Contract awarded
    g. Phase 1 – New well house and reservoir to be completed in January – February 2013.
    h. Construction started – end of August or early September 2013. 9 to 12 months to complete. Project completion targeted for November 2014.
7. Check Out/Meeting Evaluation
    a. Very worthwhile meeting.
    b. Appreciation for utility staff members going over plans, project and water quality in detail.