

Dear Kittitas County Water Quantity Citizen’s Advisory Committee:

Thank you for your attendance and participation at our kickoff meeting on October 28<sup>th</sup>. Here is a summary of our meeting notes and action items moving forward.

Welcome, Introductions, and Agenda Check

We reviewed the Charter, Operating Procedures, and Schedule for the Committee. These are summarized in the introductory email you received on October 23, 2014. One suggestion we had to focus future discussions was to summarize the Charter in one key sentence. Here is an initial suggestion for discussion at the next meeting:

“The mission of the Citizen’s Advisory Committee is to develop a water quantity recommendation for a mitigation certificate for the Kittitas County Water Bank”

“The charter for the Citizen’s Advisory Committee is to gather information and formulate a recommendation on the quantity of water to be issued with a mitigation certificate for the Kittitas County Water Bank. Committee members will share resources and research issues affecting residential and outdoor water use to support an educated recommendation to the Board of County Commissioners on the quantity of water the county will offer with a mitigation certificate through the Water Bank.”

Defining Committee Issues

We worked through an exercise using a “bullseye map” to clarify which topics the Committee should be focused on, which topics were tangentially related, and which topics would not be considered by the Committee. Here is a tabular summary of the results, and we will use this tool at each meeting to make sure we make the best use of your time, consistent with the Charter.

Committee Responsibilities	Tangential Issues	Off-topic
<ul style="list-style-type: none"> <li>• # of recommendations</li> <li>• Quantity needed for outdoor use</li> <li>• Unit of measurement</li> <li>• Quantity needed for indoor use</li> </ul>	<ul style="list-style-type: none"> <li>• Household population</li> <li>• Existing metering data</li> <li>• Water budget neutral</li> <li>• Consumptive Use metrics</li> <li>• Minimum required for public health</li> <li>• Fire Protection/defensible space needs</li> <li>• Crop irrigation requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Commercial use</li> <li>• TWSA</li> <li>• Hydraulic Continuity</li> <li>• Compliance with metering program</li> <li>• USGS model</li> <li>• Subdivision/development use</li> <li>• Yakima Basin Integrated Plan</li> <li>• Pending litigation/court cases</li> <li>• Cost of water bank quantity sold</li> <li>• Conservation Measures</li> <li>• GMA</li> </ul>

- |  |  |   |
|--|--|---|
|  |  | <ul style="list-style-type: none"> <li>• Stock Watering</li> <li>• Other Mitigation sources</li> <li>• Physical Water Availability</li> </ul> |
|--|--|---|

### Minimum Indoor Water Use Requirements for Public Health

Dr. Mark Larson from Kittitas County Public Health provided a summary of his basis for a minimum indoor use standard of 36 gpcd (gallon per capita per day). This was based on several scientific sources and his professional judgment. This was intended to be a floor for discussion by the Committee rather than a ceiling for a future recommendation.

Next we went through an exercise using an on-line water use calculator from the Southwest Florida Water Management District. We used the facilitator and several other members to come up with a range of indoor uses of roughly 40 to 70 gpcd. We will compile the results Erin receives from the email with the link she sent at the next meeting.

### Open Discussion

We had a robust discussion on issues. Some of the key issues we discussed included:

- Stockwater may not be a part of our specific recommendation, because the bank is not designed to serve this purpose—only domestic use and non-commercial lawn/garden. The Committee wants more discussion on this issue.
- The Committee is interested in metered water use if available. Metering compliance is not an issue for Committee consideration.
- The Committee is interested in the geographic boundaries of the Water Bank. Attached is a link to the current bank boundaries, but the County plans to expand these over time.

[http://www.ecy.wa.gov/programs/wr/cro/images/pdfs/lkwewa/06032011\\_class1draft\\_suitabilitymap.pdf](http://www.ecy.wa.gov/programs/wr/cro/images/pdfs/lkwewa/06032011_class1draft_suitabilitymap.pdf) [http://www.ecy.wa.gov/programs/wr/cro/images/pdfs/lkwewa/06032011\\_class3draft\\_suitabilitymap.pdf](http://www.ecy.wa.gov/programs/wr/cro/images/pdfs/lkwewa/06032011_class3draft_suitabilitymap.pdf)  
[http://www.ecy.wa.gov/programs/wr/cro/images/maps/rothclennon\\_suitmap.pdf](http://www.ecy.wa.gov/programs/wr/cro/images/maps/rothclennon_suitmap.pdf)

- The water bank is not intended to make exceptions for seasonal occupancy, because residences can become full-time occupancy with no knowledge or notice to the County.
- The Committee is interested in understanding the implications of its water quantity selection on bank operation and longevity, particularly as it pertains to consumptive use. We will have a future presentation on this issue.
- The Committee is interested in understanding how fire protection will be considered for the bank. We will have a future presentation on this issue.
- We had a discussion on public water system standards and their applicability to the water bank. Additional information on per capita / per house water use will be presented to further this discussion.
- We had a discussion on what the appropriate metrics are for the bank, such as gpcd, gpd/house, or others.
- We had a discussion on other water banks and what they are doing. We will have a future presentation on this issue.

- We had a discussion about how much water all the Kittitas Water Banks have cumulatively to serve Kittitas County.
- We had a discussion about the volume of water DOH required for a Group A public system and if they have a requirement for individual residential wells. DOH does not have a requirement for individual wells
- We had a discussion on how much lawn use should be allowed (e.g. minimum standards, trophy lawns). We will have more discussion on this issue and a presentation on lawn watering requirements in the future.
- We had a discussion on pros/cons of selecting a larger or smaller number for the water bank (e.g. big bank number/small bank number). We will develop a list of potential issue for discussion at the next meeting.
- We had a discussion about # of lots available for building in the county and the number of lots in green zones in the county. We will have more discussion and a presentation about this issue at a future meeting.

#### Closing Remarks and Agenda for Next Meeting

For any members that are not able to attend a meeting, detailed notes such as above will be sent out after each meeting.

Our tentative agenda for the next meeting will include the following topics:

1. Revisit Charter and Bullseye Map
2. Review gpcd usage by Committee members from on-line survey, and a presentation on other water system use data
3. Review Pros / Cons of setting a higher or lower water bank number
4. Presentation on metrics used by other water banks
5. Open Discussion

Thanks again for a good meeting, and please feel free to contact Erin or myself if you have any questions, comments, or suggestions. Thanks, Dan.

**Daniel R. Haller, PE** | Senior Associate Water Resources Engineer | Direct: 509.895.5462 | Cell: 509.952.8607

**Aspect Consulting LLC** | 123 E Yakima Avenue, Suite 250, Yakima, 98901 | [www.aspectconsulting.com](http://www.aspectconsulting.com)