

Region K Public Meeting

July 11, 2018

Lower Colorado Regional Water Planning Group
(Region K)



July 11, 2018

Agenda

1. Call to Order
2. Welcome and Introductions
3. Receive public comments
4. Attendance Report
5. Agricultural voting member vacancy nomination
6. Consent Agenda
7. Texas Water Development Board
8. Committee Reports

Agenda Item 8

WATER MODELING COMMITTEE REPORT

8. Water Modeling Committee Report

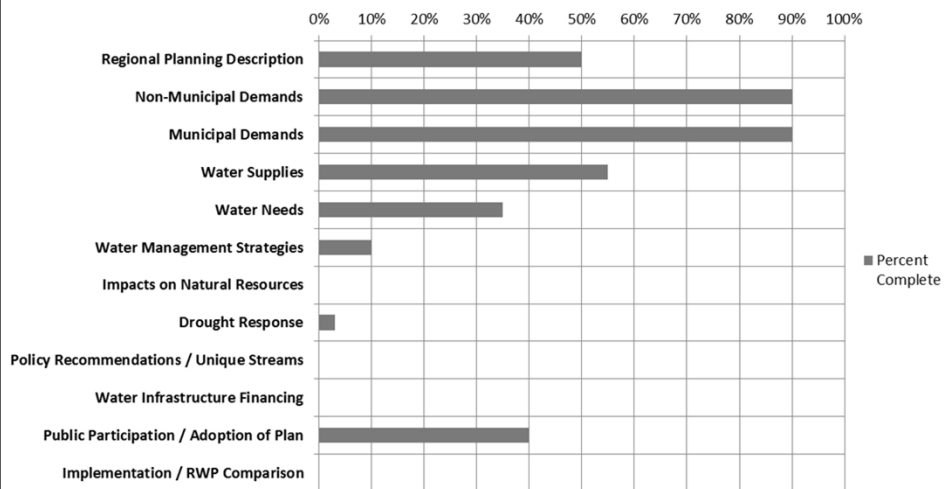
- ▼ Committee met on June 27th, 2018.
 - Initial results of surface water availability modeling using the Region K Cutoff Model.
 - Looked at two options for analysis related to new drought of record.
 - Discussed demand pattern for lower basin LCRA water rights – industrial versus multi-use.
 - Requested consultant to revise analysis to incorporate multi-use pattern.
 - Scheduled follow-up meeting for this morning.
 - Listened to presentation by City of Austin consultant regarding climate impacts on water supply.
 - Began initial discussion of MAG peak factor.
- ▼ Committee met on July 11th, 2018.
 - Reviewed additional results to make recommendation to RWPG.

Agenda Item 9

CONSULTANT STATUS REPORT

9. Consultant Status Report

2021 Region K Plan Task Percent Complete



All tasks are now partially or fully funded

9. Consultant Status Report Effort since last meeting (April 11, 2018)

- ▼ Regional Water Planning Area Description
 - Updating Chapter 1 text based on new information and requirements.
- ▼ Water Availability and Supply
 - Region K Cutoff Model has been updated for this cycle.
 - Availability model analyses run with initial results determined.
 - Updates to water supplies using survey responses and other sources of data.
 - Entering of data into TWDB DB22 database.
 - Coordination with other regions regarding shared sources and supplies.
 - Water Modeling Committee meetings held on June 27th and July 11th.

9. Consultant Status Report Effort since last meeting (April 11, 2018)

- ▼ Water Needs
 - Begin determining water needs based on demands and supplies.
- ▼ Water Management Strategies
 - Compilation of survey responses related to water management strategies.
 - Review of 2016 Plan recommended strategies for county-other and non-municipal WUGs.
 - For municipal WUGs that have not responded, if they have water needs, we will begin with the strategies that were recommended for them in the 2016 Plan. For large water shortages, additional outreach will be attempted.

9. Consultant Status Report Upcoming effort

- ▼ Finish initial updates to existing water supply numbers for Water User Groups and Wholesale/Major Water Providers.
- ▼ Finish initial TWDB database (DB22) entry of Region K water availability and supply numbers. (major component of Technical Memorandum due in September)
- ▼ Finish initial determination of water needs.
- ▼ Continue identification of potentially feasible water management strategies.
- ▼ Complete Technical Memorandum and post for public comment.
- ▼ Start preparing Scope-of-Work for evaluating strategies.

Agenda Item 10

INITIAL SURFACE WATER MODELING RESULTS

10. Initial Surface Water Modeling Results

- ▼ Requesting RWPG to identify which surface water availability numbers to enter into TWDB DB22 database for inclusion in Technical Memorandum.
 - Initial numbers only; can be changed up until adoption of 2021 Plan.

Agenda Item 11

DISCUSSION OF WATER SUPPLY / STRATEGY SURVEY RESPONSES

11. Water Supply / Strategy Survey Responses

▼ Summary of responses

- 59 out of 91 (65%) municipal WUGs have submitted responses.
- 13 unresponsive WUGs are new WUGs this cycle.
 - For most, we can find out water supply info from other sources.
 - No feedback on strategies though, if we determine they have water needs.
- Requested contract / pumping / treatment information for each source of water supply, if applicable.
 - Water supply in 2021 Plan will show a volume based on the most limiting.
 - Supplies may be cut back further if total water use volume for a source exceeds the available volume.

11. Water Supply / Strategy Survey Responses

▼ Summary of responses

- Survey provided list of 2016 Plan strategies for their WUG and asked if they would like to have them in the 2021 Plan.
- Survey then provided a generic list of strategy categories and asked if they were planning any additional projects.
- Handout of potentially feasible water management strategy responses.
 - Some strategies will require more coordination.
 - Some said “no” to certain 2016 Plan strategies – will require additional outreach and coordination if their “yes” strategies do not entirely meet their water needs.

▼ Also providing handout of County-Other and Non-Municipal WUG 2016 Plan strategies – no surveys

11. Water Supply / Strategy Survey Responses

- ▼ Next step for strategies:
 - List potentially feasible strategies for WUGs / WWPs for the Tech Memo using the TWDB template.
 - Categorize potential strategies to assist in development of Scope of Work for strategy evaluation.
 - Meet with Water Management Strategies Committee to determine potential additional strategies not already identified.

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MAJOR WATER PROVIDERS

12. Region K Major Water Providers

- ▼ See handout
 - New category – “Major Water Provider”
 - A Water User Group (WUG) or Wholesale Water Provider (WWP) of particular significance to the region’s water supply as determined by the RWPG.
 - Responsible for developing and/or delivering significant quantities of water in the region.
 - More data reported for this category in the Plan.
- ▼ Region K needs to identify the Major Water Providers in the region and submit list to TWDB around the same time as the Tech Memo is submitted.
 - Multiple levels of water supply to choose from.

12. Region K Major Water Providers

Wholesale Water Providers from Previous Cycles – provide more than 100,000 Acre-Feet/Year

1. LCRA
2. Austin

WUGs Providing More than 10,000 Acre-Feet/Year

1. Aqua Water Supply Corporation (WSC)
2. Pflugerville

WUGs Providing More than 8,000 Acre-Feet/Year

1. West Travis County Public Utility Agency (PUA)
2. Travis County Water Control and Improvement District (WCID) #17

WUGs Providing More than 5,000 Acre-Feet/Year

1. Manville Water Supply Corporation (WSC)

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DISCUSSION OF TECHNICAL MEMORANDUM

13. Technical Memorandum

▼ **Data to be included:**

- TWDB DB22 (Database) Reports
 - WUG Population Projections
 - WUG Water Demands
 - WUG Category – Summary
 - Source Water Availability
 - WUG Existing Water Supplies
 - WUG Identified Water Needs / Surpluses
 - Source Water Balance
 - Comparison of availability, supply, demands, and needs to 2016 RWP
- Documented process for identifying potentially feasible water management strategies (PF WMS)
- Single list of all PF WMS identified by RWPG to date
- Information regarding versions and dates of WAM and GAM models used to determine source availabilities (with e-files)

13. Technical Memorandum

▼ Submittal and posting requirements:

- Approve submittal of the Tech Memo at a regular RWPG meeting
- Agenda for RWPG meeting to be posted 14 days before
- TWDB recommends Tech Memo is available for review 1 week prior to meeting date
- Public comments are accepted for up to 14 days following the meeting
- Tech Memo is due to TWDB by September 10, 2018
- Public comments received within the 14-day period, but after the Tech Memo due date, will be submitted to TWDB when the comment period ends.

▼ August 29th is the scheduled RWPG meeting date for Tech Memo approval.

Agenda

14. Agenda items for next meeting
15. New / Other Business
16. Public Comments
17. Adjourn