

Region K Public Meeting

February 18, 2020

Lower Colorado Regional Water Planning Group
(Region K)



February 18, 2020

Agenda

1. Call to Order
2. Welcome and Introductions
3. Doug Powell – Recreation Interest
4. Receive Public Comments
5. Attendance Report
6. Approval of Minutes from February 5, 2020 meeting
7. TWDB Update
8. Committee Reports

Agenda Item 9

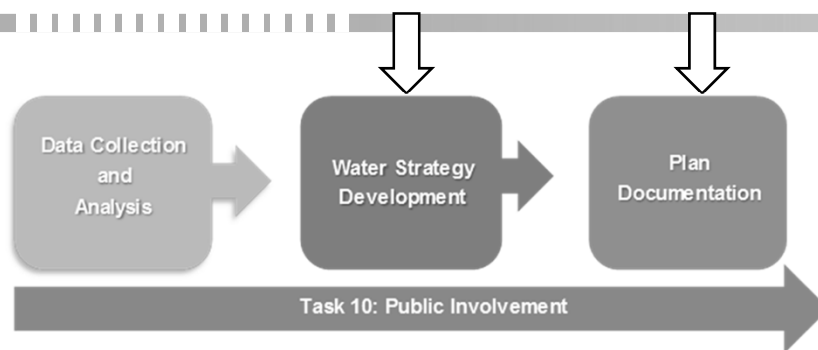
CONSULTANT STATUS REPORT

Region K

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9. Consultant Status Report



Task:
2A – Non-population demand
2B – Population demand
3 – Water supply analysis
4A – Water needs

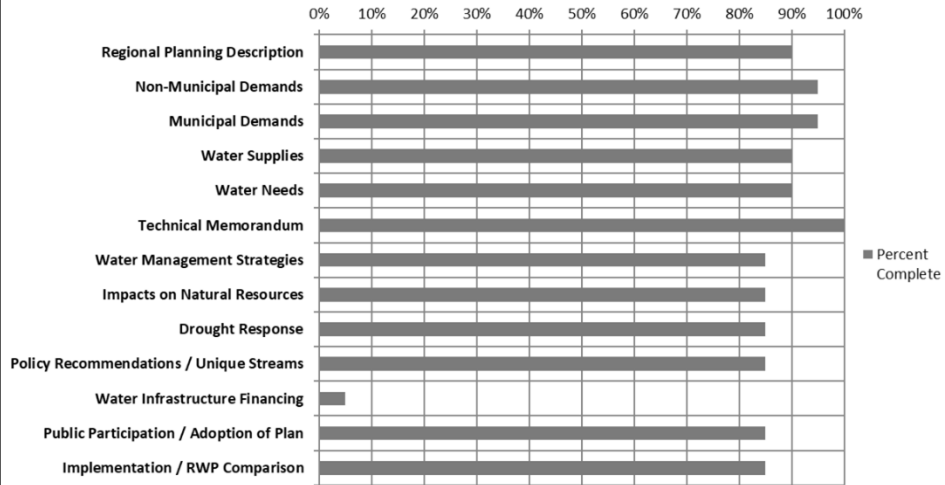
Task:
4B – Potentially feasible strategies
4C – Technical memorandum
5A – Evaluation of strategies
5B – Conservation recommendations

Task:
1 – Regional description
6 – Impacts of strategies
7 – Drought response
8 – Unique sites and policy recommendations
9 – Financing
11 – Implementation and comparison
12 – Prioritization of projects



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 (February 5, 2020)

- ▼ Chapters previously sent out to RWPG: 1, 2, 3, 4, 5, 7, 8, 9, 11
- ▼ Chapter 5 of 2021 Plan – Water Management Strategies
 - Updates to a few WMS based on edits or database entry issues.
 - Database entry (DB22) of Water Management Strategies.
 - Sent Chapter 5 appendices on 2.17/2020 (except DB22 reports)
- ▼ Chapter 6 of 2021 Plan – Impacts of Regional Water Plan
 - TES finished cumulative modeling
 - Sent draft chapter to RWPG 2/13/2020
- ▼ Chapter 10 of 2021 Plan – Public Involvement
 - Sent draft chapter to RWPG 2/7/2020
- ▼ Executive Summary
 - Sent draft chapter to RWPG 2/13/2020
- ▼ Sent chapters with incorporated edits on 2/17/2020

9. Consultant Status Report Upcoming Efforts

- ▼ Complete database entry (DB22) of Water Management Strategies.
- ▼ Prepare IPP deliverables and make submittal to TWDB.

Agenda Item 10

PRESENTATION AND DISCUSSION OF UPDATES TO WATER MANAGEMENT STRATEGIES

10. Strategy Updates

▼ Windermere Utility

- Strategy request to purchase water from Blue Water – imported groundwater from Burleson County.
 - In DB22, there was not enough available Carrizo-Wilcox groundwater in Burleson County for the strategy. Region G allocated 500 ac-ft/yr for us.
 - To meet remaining needs, we are using a new LCRA Contract for 400 ac-ft/yr beginning in 2040.

▼ STP Alternate Canal Delivery

- Revised costs. Were high compared to last cycle. Checked and cost summary included a raw water intake that wasn't needed.

▼ Minor corrections and edits in Chapter 5

- Added a missing yield table for Import Return Flows from Williamson County
- Corrections to cost tables for Prairie Reservoir and Austin Decentralized Reuse
- Correction to yield table for County-Other in Fayette County under Expansion of Local Groundwater Supplies – Gulf Coast Aquifer

10. Strategy Updates

▼ Longhorn Dam Operations Improvements

- Discussed changing language describing environmental impacts
 - This strategy provides efficiencies that reduce unintended releases of water downstream, saving an estimated amount of up to 3,000 ac-ft/yr. LCRA manages the river system to meet downstream environmental flow needs. If these efficiencies are not provided at Longhorn Dam and this water is released, it may substitute for water LCRA otherwise would provide by managing releases through the dams to maintain environmental flow needs and water for downstream water rights.

Agenda Item 11

**PRESENTATION AND
DISCUSSION OF UPDATES TO
CUMULATIVE IMPACTS
MODELING**

Agenda Item 12

**DISCUSSION OF DRAFT 2021
PLAN CHAPTERS OUT FOR
REVIEW AND COMMENTS
RECEIVED**

12. Draft 2021 Plan Chapters out for Review and Comments Received

- ▼ Edits to Executive Summary
 - Mainly minor language edits

12. Draft 2021 Plan Chapters out for Review and Comments Received

- ▼ Edits to Chapter 1 – Regional Water Planning Area Description
 - Updated Table 1.1a title and members and removed Table 1.1c
 - Footnote for Austin Water Forward Plan on page 1-15
 - Clarifying information and added data points for Figure 1.16
 - Increased legend font size for Figure 1.17 to clearly see colors in Legend
 - Removed “Free-flowing” from description of reaches on page 1-37
 - Revised language re: Concho Water Snake on page 1-37
 - Updated instream flow study language on page 1-38 with updated language from Chapter 2
 - Updated Water Quality information on page 1-43
 - Fixed table references on page 1-53
 - Updating flood control language re: Highland Lakes on page 1-54
 - Revising pages 1-54 through 1-56 based on simplifying discussion of LCRA drought triggers and including suggested LCRA language.

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 1 – Regional Water Planning Area Description

- Simplified groundwater discussion on page 1-56 through 1-57
- Included footnote references to local planning reports mentioned on page 1-58
- Additional information and clarification added to the Water Conservation Plans section (page 1-64) and the Water Audits Section (page 1-65)
- Minor word edits throughout chapter
- Removed DB22 reports from Chapter 1 Appendix, as the entire set of reports will be included immediately following the Executive Summary

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 2 – Population and Water Demands

- Added language mentioning City of Austin separate revision request on pg 2-3
- Adjusted y-axis scale on Figure 2.2
- Clarification/simplification of methodologies on 2-7, 2-10, 2-13, and 2-18
- Updates to Environmental Water Demands section (2.4), including figure updates, discussion of LCRA WMP, descriptions of instream flow and bay and estuary inflow criteria
- Added mention of HB 1437 in Section 2.5.2 on page 2-36
- Updated LCRA Table 2.21 and added 2.22 to match Chapter 3.

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 3 – Water Availability and Supplies

- Added definition of Drought of Record
- Consistent “Drought of Record” throughout chapter
- Mention of 2011 as single worst drought year for most run-of-river rights in Region K
- Removed language on pg 3-3 that discusses how strict planning guidelines can lead to potentially over-estimating shortages
- Separates Return Flows assumption on pg 3-6
- Added/revised note language re: Austin for Tables 3.1 and 3.3
- Clarified that the Pecos Valley Aquifer is not located within Gillespie County
- Clarified location of footnotes for Table 3.26

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 4 – Water Needs

- Added numbers to Figures 4.1 and 4.2
- Added language explaining Colorado County Steam Electric water needs
- Clarified that the Pecos Valley Aquifer is not located within Gillespie County
- Added clarification of what firm water is
- Revised Table 4.18 to better explain where steam electric water needs related to Austin
- Referenced Appendix 1B as providing additional socioeconomic impact data that is not included in the TWDB Socioeconomic Impact Analysis

12. Draft 2021 Plan Chapters out for Review and Comments Received

- ▼ Edits to Chapter 5 – Water Management Strategy Evaluation
 - Added table numbers and references
 - Added language provided by Austin on their conservation program
 - Minor language updates to some of Austin's strategies

12. Draft 2021 Plan Chapters out for Review and Comments Received

- ▼ Edits to Chapter 6 – Impacts of RWP
 - Mainly language edits to provide clarification

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 7 – Drought Response

- Minor language edits for clarification
- Edits to Table 7-1 to provide clarification for locating the footnotes and removing a potential emergency interconnect for Loop 360 WSC from Austin

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 8 – Legislative and Unique Stream Segment Recommendations

- Edits discussed at last Region K meeting
- A few additional language clarification edits from Austin and Bob Ruggiero

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 10 – Public Involvement

- Minor edit and typo correction
- Added Steve Box and Dave Lindsay presentation to the Water Management Strategies Committee re: Watershed Issues and the Suggested Strategy to Protect Inflows to the Colorado River to Table 10.3

12. Draft 2021 Plan Chapters out for Review and Comments Received

▼ Edits to Chapter 11 – Implementation and Comparison to Previous RWP

- Minor language edits for clarification
- Added section 11.2.8 on “regionalization” per HB 807 requirements

Agenda Item 13

DISCUSS AND TAKE ACTION TO ADOPT THE INITIALLY PREPARED PLAN (IPP) WITH APPROVED EDITS

13. Adoption of Initially Prepared Plan (IPP)

- ▼ IPP and associated deliverables are due to TWDB by March 3, 2020.
- ▼ If you have additional comments after today, those can be submitted and will be incorporated and included in the Final Plan as official public comments.
- ▼ Discuss and take action to adopt the Initially Prepared Plan (IPP) with approved edits, authorize the consultant team to prepare final copies of the revised IPP and associated deliverables, and submit the deliverable to the Texas Water Development Board no later than March 3, 2020.
- ▼ Does anyone want a hard copy of the IPP?

Agenda Item 14

**DISCUSS AND TAKE ACTION TO
CONSIDER HOLDING A PUBLIC
MEETING TO PRESENT THE IPP IN
BURNET**

Region K

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AECOM

Agenda Item 15

**DISCUSS WATER
CONSERVATION ADVISORY
COUNCIL DRAFT LEGISLATIVE
RECOMMENDATIONS**

Region K

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AECOM

15. Discuss Water Conservation Advisory Council (WCAC) Draft Legislative Recommendations

- ▼ See Handout
- ▼ Aubrey Spear sent an email with the WCAC draft legislative recommendations, asking for feedback from the RWPGs.
- ▼ Email pointed specifically to item titled “Establish Level 1 Validation Program for Water Loss Audits.”
 - Debate regarding whether it should be mandatory for a third-party to validate a municipality’s Water Loss Audit.
- ▼ Consider providing feedback. Take action as needed.

Agenda

16. Agenda items for next meeting
17. New / Other Business
18. Public Comments
19. Adjourn