

Region K WMS Committee Meeting

October 15, 2018



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Agenda

1. Call to Order
2. Welcome and Introductions
3. Receive public comments
4. Approval of meeting minutes
5. Where we are in the strategy process
6. Discussion of additional strategies for Task 5A scope of work
7. Take action on strategy list for recommendation to RWPG
8. Open discussion by committee on current strategies or public input items
9. New / Other Business
10. Public Comments
11. Adjourn

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Agenda Item 5

WHERE WE ARE IN THE STRATEGY PROCESS

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Purpose and Role of Committee

- ▼ Review process for identification of potentially feasible water management strategies and recommend any changes to the RWPG.
- ▼ **Review strategies from 2016 Plan and discuss changes for 2021 Plan.**
- ▼ **Brainstorm new strategies to be included in 2021 Plan.**
- ▼ Review screening process for selection of strategies for further analysis.
- ▼ Review evaluated strategies and projects for recommended or alternative status.

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Goal Today

- ▼ Identify which water management strategies from the 2016 Plan and which new water management strategies we want to include in our Scope of Work for evaluation for this planning cycle.
 - Some water management strategies are included in the Scope of Work more generally, and can apply to multiple Water User Groups.
 - We are not defining today which specific Water User Groups might be supplied.
 - Other water management strategies are included in the Scope of Work as specific to a particular entity and do not necessarily fit well under a more general category.
- ▼ Being in the Scope of Work does not mean that a strategy has to be recommended in the Plan – only that it will be considered after further evaluation.

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Task 5A Scope of Work

- ▼ Water Management Strategy Evaluation Task
 - TWDB has allocated budget for this task (\$319,178).
 - RWPG is required to prepare a scope of work for each strategy evaluation they want to perform.
 - This scope of work must be presented for public input and RWPG approval before submitting to TWDB for their approval.
 - The RWPG does not have to submit the entire scope of work at once. It can be submitted in pieces.
 - Region K has already submitted a partial Scope of Work for Drought Management, Conservation, Expand Use of Local Groundwater, and City of Austin Return Flows.
 - SOW Budget remaining - \$232,178
 - It is recommended to leave a portion of the budget unallocated in case an unexpected strategy needs to be evaluated later in the process.

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Agenda Item 6

DISCUSSION OF ADDITIONAL STRATEGIES FOR SCOPE OF WORK

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6a. Strategies from 2016 Planning Cycle

- ▼ See Handouts 6.A.1 and 6.A.2
- ▼ General strategies
 - Discuss keeping for this planning cycle and whether any organizational adjustments would be helpful.
 - Includes three strategies that were scoped last cycle, but were not included in the 2016 Plan as either recommended or alternative.
- ▼ Entity-specific strategies
 - Mainly strategies for LCRA, City of Austin, and Matagorda Steam-Electric
 - Grouped by “Recommended” in 2016, “Alternative” in 2016, and “Considered, but not recommended or alternative” in 2016.

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6b. Requested strategies for this cycle (new)

- ▼ See Handouts 6.B.1 and 6.B.2 (separate from packet)
- ▼ From WUG survey responses
 - Some would be entity-specific, while others could be included as more general strategies.
 - Some could be incorporated under general strategies from last cycle.
- ▼ From public input
 - Various comments and suggestions to consider.

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6c. Issues to address

- ▼ See Handouts 6.C.1.a, 6.C.1.b, 6.C.2, and 6.C.3
- ▼ WUGs with Water Needs in the 2020 decade
 - The strategies used to meet 2020 needs this cycle are particularly important because strategies and projects given a 2020 decade during this planning cycle should be limited to those projects that can be constructed and delivering water within no more than 12 months from the statutory adoption deadline (January 5, 2022) of the state water plan.
 - Two municipal WUGs with large shortages after conservation and drought management have been applied are Llano and West Travis County PUA.
- ▼ New municipal WUGs this cycle that have needs and did not respond to our survey:
 - Garfield WSC
 - Oak Shores Water System

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6c. Issues to address

▼ Multi-regional projects

- TWDB is encouraging the regions to consider all potentially feasible multi-region projects and to document the consideration in the plans, so that stakeholders are aware of these strategies even when they are not recommended.
- See map handout (6.C.3) for geographic location of municipal water needs in Region K and surrounding regions.
- Multi-regional projects require a large footprint in terms of infrastructure.
- Region K had a couple of groundwater importation strategies last cycle that were multi-regional (Region L and K).
- We haven't received any new specific requests for projects identified as serving multiple regions. Any suggestions from the committee?

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6d. Other strategy suggestions by the committee

▼ Any other ideas – either general or specific?

- ▼ Irrigation has the largest water needs in the region and we haven't reached out to their representatives for possible new strategy ideas for this cycle.
 - What is the best way to reach out?

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6e. How much task budget to leave unallocated?



- ▼ Are there strategies we've discussed today we're not ready to scope?
- ▼ Should we expect that additional strategies might come up that we're not currently aware of?
- ▼ How much of the \$319,000 should we leave unallocated for future amendments to the scope of work?

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Agenda Item 7

**TAKE ACTION TO APPROVE LIST
OF STRATEGIES TO
RECOMMEND TO RWPG FOR
INCLUSION IN SCOPE OF WORK**

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Agenda Item 8

**OPEN DISCUSSION BY
COMMITTEE ON CURRENT
STRATEGIES OR PUBLIC INPUT**

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Agenda

9. New / Other Business
10. Public Comments
11. Adjourn

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Process for Identifying Potentially Feasible Water Management Strategies



▼ TWDB Regional Water Planning Guidelines:

– RWPGs shall consider these strategies (but are not limited to):

- | | |
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| <ol style="list-style-type: none"> 1. conservation 2. drought management 3. reuse 4. management of existing water supplies 5. conjunctive use 6. acquisition of available existing water supplies 7. development of new water supplies 8. developing regional water supply facilities or providing regional management of water supply facilities 9. developing large-scale desalination facilities for seawater or brackish groundwater that serve local or regional brackish groundwater production zones identified and designated under TWC § 16.060(b)(5)³⁴ | <ol style="list-style-type: none"> 10. developing large-scale desalination facilities for marine seawater that serve local or regional entities 11. voluntary transfer of water within the region using, but not limited to, contracts, water marketing, regional water banks, sales, leases, options, subordination agreements, and financing agreements 12. emergency transfer of water under TWC § 11.139 13. interbasin transfers of surface water 14. system optimization 15. reallocation of reservoir storage to new uses 16. enhancements of yields 17. improvements to water quality 18. new surface water supply 19. new groundwater supply 20. brush control³⁵ 21. precipitation enhancement 22. aquifer storage and recovery 23. cancellation of water rights 24. rainwater harvesting |
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