

# Region K WMS Committee Meeting

March 4, 2019



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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 agricultural irrigation conservation strategy development**
7. **Discussion of municipal conservation strategy development**
8. **Discussion of drought management strategy development**
9. **Discussion of expand local use of groundwater strategy development**
10. **Open discussion by committee on current strategies or public input items**
11. **New / Other Business**
12. **Public Comments**
13. **Adjourn**

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Agenda Item 5

# WHERE WE ARE IN THE STRATEGY PROCESS

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## Water Management Strategy Process

- ▼ Starting discussion of some of the general category strategies to define methodologies, potential specific measures, and to narrow down which WUGs might be candidates for the strategy.
- ▼ Continue opportunity for discussion of potential new strategies that may need to be scoped.
- ▼ City of Bertram reservoir strategy
  - Scoping item approval was tabled at last Region K meeting because the source of the water was unclear as to whether it was groundwater or surface water.
  - Discussions with the consultant for City of Bertram and TWDB staff have occurred since the meeting. TCEQ has not yet made the determination of surface water vs. groundwater.
  - City is comfortable with moving forward as a groundwater strategy at this time. No additional scoping needed.
  - May need to adjust if TCEQ makes surface water determination.

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## Goal Today

- ▼ Provide information to the committee on some of the general strategies and their methodologies from the 2016 Plan.
- ▼ Get input from the committee on any methodology changes for this cycle, so that we can move forward in the evaluation process.
- ▼ Keep discussion option open for any potential new strategies that might need to be scoped. (approximately \$25,000 unallocated)

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Agenda Item 6

## **DISCUSSION OF AGRICULTURAL IRRIGATION CONSERVATION STRATEGY DEVELOPMENT**

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## Irrigation Conservation Strategy Development

- ▼ See Handouts 6a and 6b
- ▼ Proposed task items from David Wheelock/Stacy Pandey memo
  - Task 1. Gather data on currently improved acreage, including acreage watered with surface water and/or groundwater, and develop projections for potential future water saving improvements
  - Task 2. Update savings estimates for existing irrigation conservation strategies
  - Task 3. Identify new irrigation conservation strategies and develop updated savings estimates
- ▼ David Lindsay's handout on conservation-related items
  - Getting down to 5.25 AF/A; what are barriers to implementation?

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Agenda Item 7

## DISCUSSION OF MUNICIPAL CONSERVATION STRATEGY DEVELOPMENT

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## Municipal Conservation Strategy Development

- ▼ See Handouts 7a and 7b
- ▼ Proposed task items from David Wheelock/Stacy Pandey memo
  - Task 1. Gather data on currently improved acreage, including acreage watered with surface water and/or groundwater, and develop projections for potential future water saving improvements
  - Task 2. Update savings estimates for existing irrigation conservation strategies
  - Task 3. Identify new irrigation conservation strategies and develop updated savings estimates
- ▼ David Lindsay's handout on conservation-related items
  - Getting down to 5.25 AF/A; what are barriers to implementation?

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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

### ▼ TWDBB Regional Water Planning Guidelines:

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

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)<sup>34</sup>
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 control<sup>35</sup>
21. precipitation enhancement
22. aquifer storage and recovery
23. cancellation of water rights
24. rainwater harvesting

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