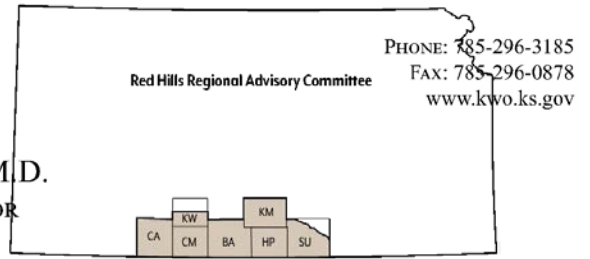


STATE OF KANSAS

KANSAS WATER OFFICE
900 SW JACKSON, SUITE 404
TOPEKA, KS 66612



GOVERNOR JEFF COLYER, M.D.
TRACY STREETER, DIRECTOR



Meeting Notice:
October 25, 2018

For More Information:
Katie Patterson-Ingels
(785) 296-3185, katie.ingels@kwo.ks.gov

Red Hills Regional Advisory Committee Meeting in Medicine Lodge *October 31, 9 a.m., at the People's Bank*

The Kansas Water Office's (KWO) Red Hills Regional Advisory Committee (RAC) will hold a meeting to discuss current water issues affecting the region as well as the state.

The meeting will be Wednesday, October 31 at 9 a.m., at the People's Bank Meeting Room, 117 S Main in Medicine Lodge, Kansas. The main focus of the meeting will be the Red Cedar and hydrology update as well as the State of the Resource Report.

The agenda and meeting materials will be available at www.kwo.ks.gov or you may request copies by calling (785) 296-3185 or toll-free at (888) KAN-WATER (526-9283).

If accommodations are needed for a person with disabilities, please notify the Kansas Water Office at 900 SW Jackson Street, Suite 404, Topeka, KS 66611-1249 or call (785) 296-3185 at least five working days prior to the meeting.

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As the state's water office, KWO conducts water planning, policy coordination and water marketing as well as facilitates public input throughout the state.

The agency prepares the KANSAS WATER PLAN, a plan for water resources development, management and conservation.

MEMO



DATE: October 24, 2018
TO: Red Hills Regional Advisory Committee Members
FROM: Diane Knowles
CC: Red Hills Agency Advisors
RE: October 31, 2018 Meeting

900 SW Jackson Street, Suite 404
Topeka, KS 66612
Phone: (785) 296-3185
Fax: (785) 296-0878
www.kwo.ks.gov

The meeting of the Red Hills Regional Advisory Committee will be held on **Wednesday October 31, 2018 at 9:00 a.m. in the Peoples Bank meeting room, 117 S Main, Medicine Lodge, Kansas.**

The main item at the meeting will be on the effects of cedar clearing on hydrology by K-State Researcher Dr. Trisha Moore. We will also have other updates on Red Hills Region action plan activities and water issues.

Enclosed please find:

- Agenda
- Draft Meeting Notes-July
- Budget Memo

Please let me know if you cannot attend, or have any questions or concerns regarding the meeting please contact, me at diane.knowles@kwo.ks.gov; or toll-free at (888) KAN-WATE(R).



MEETING AGENDA

DATE: October 31, 2018

TIME: 9:00 AM

LOCATION: Medicine Lodge, Kansas

DRAFT AGENDA

I. Welcome and Introductions

II. Agenda

III. Review of Past Meeting Notes

IV. Kansas Water Authority

- a. KWA
- b. Budget Recommendations

V. Regional Activities

- a. Cedar and Hydrology - Dr. Trisha Moore
- b. Other project updates (if any)
- c. State of the Resource

VI. Other Business

- a. Agency Reports not already covered
- b. Public Comments
- c. Questions & issues from Members
- d. Messages to KWA (if any)
- e. Meeting Reminders
 - i. Governor's Conference on Water and the Future of Kansas, November 13-14, Manhattan
 - ii. Kansas Water Authority, December 19, Wichita
 - iii. Kansas Water Authority Legislative Visits and meeting, January 2019, Topeka
 - iv. Next RAC - TBD

Note: underlined items are action items for RAC

Red Hills Regional Advisory Committee Meeting

10:00 am July 31, 2017
Medicine Lodge Kansas

Members in Attendance:

| Name | City | Category | Present |
|--------------------------|--------------------|--------------------------|---------|
| Suzanne Drouhard (Chair) | Danville, KS | Agriculture (cc) | Y |
| Clark Bibb | Coldwater, KS | At Large Public West | N |
| Ken Brunson | Pratt, KS | Fish and Wildlife | Y |
| Jim Harden | Clark County, KS | At Large Public (cc) | N |
| Jeff Porter | Medicine Lodge, KS | Local Government | Y |
| Hi Lewis | Wichita, KS | Industry/Commerce (cc) | N |
| Larry Mangan | Wellington, KS | Public Water Supply (cc) | Y |
| Gene Albers | Cunningham, KS | Agriculture (cc) | N |
| Mark Watts | Medicine Lodge, KS | Industry/Commerce | Y |
| Phil White | Wellington, KS | At large Public East | N |
| Jay Zimmerman | South Haven, KS | At Large Public | N |

Others Attending: Cameron Conant (KDA-DWR), Dan Meyerhoff (KACD), Earl Lewis (KWO), Diane Knowles (KWO)

Welcome/Introductions: Everyone was welcomed by Suzanne Drouhard, committee chair and self-introductions were made.

Agenda: Suzanne reviewed the draft agenda. It was approved as presented.

Review of Meeting Notes: Draft meeting notes from the March 2017 were approved (motion by Mark Watts, seconded by Larry Mangan, carried).

Kansas Water Authority

Diane Knowles provided a summary of the April Kansas Water Authority (KWA) meeting. Discussion included the Kansas RAC looking to develop collaboration among the 14 RACs on a water funding message and the Great Bend Prairie RAC produced water issue this committee discussed at their last meeting. A major part of the KWA meeting was spent on the Education Campaign which is summarized the July 10, 2018 memo to the RAC “Development of a Statewide Education and Public Outreach Marketing Campaign” in the mailing. The theme will be Kansas Runs on Water. Many avenues for marketing water to public included in the plans. A website is underdevelopment to get started.

Earl Lewis introduced the budget information (memo and tables) and request of KWA for input on the fiscal years 2020 & 2021 state water plan budgets. This is a two-year planning cycle. The first table (Blue headings) compares the FY2017 actuals, FY2018 budget at the time the table was generated and FY2019 appropriated and projections for FY2019, FY2020 and FY2021. The future budgets are based on the statutory \$8 million state general fund (SGF) transfer and lottery fund in addition to fees.

Earl reviewed the second table, with the more specific budgets in the planning stage noting that items are grouped by the four major Vision categories. It was noted that under Conservation the Legislature has approved nearly 2 million for FY2019; under Water Management the majority will go to the HAB project; Water Management includes a Planner position put in by the legislature rather than from SGF as requested; research under the Technology and Crops category is also legislative driven; and the Equus Beds project will have funds from GMD2 and the City of Wichita also. The KWA would like to consider priorities suggested by the RAC in their efforts to develop a \$8 million budget.

Discussion included the Kansas Association of Conservation Districts request for conservation district support at previous years level not the reduced amount; how the KDA-DOC funds fit into the aid to conservation districts and which projects and programs are important to the Red Hills region. Discussion continued with the identification of five priorities.

Red Hills RAC consensus priorities (not in order) are:

- *Produced Water Treatment Pilot Project and additional funds to get it completed;*
- *Future funds for the new lake engineering study;*
- *Full match Aid to conservation districts (the addition of \$300,000+ to bring to former level);*
- *Water education; and*
- *Additional stream gage station at highway 160 and Elm Creek.*

Regional Activities

Projects Updates

Oil and gas industry water use reduction and reuse of water: Diane reminded the RAC that the Great Bend Prairie issue related to salt water disposal lines was discussed at the March meeting and the Red Hills RAC recommendation to support the evaluation of salt water disposal pipeline issues in the region. KCC has agreed to evaluate their data to quantify the nature and degree of saltwater disposal problems in the region.

Produced Water Pilot Project: Diane explained that the firm, H2O Tech has declined to continue with the project without additional funds of about \$125,000. An extension of an additional year is possible on the Bureau of Reclamation grant. KU is still a part of the project. It is hoped we can replace the contractor and complete the project. KWO is looking for interested company.

Lake Goal update: Mark Watts noted that a meeting with Chain ranch representatives has occurred. there is some work to be done on the investment side of the project.

Conservation: Last meeting Ken Brunson reported the hydrology portion Regional Conservation Partnership Program (RCPP) project for the eastern red cedar tree/water evaluation has had good landowner sign up for cost share programs. Anecdotal information has indicated an increase in streamflow after fires or other removal of the trees, but science is needed to verify. A study is in the planning stages to look at the hydrologic impacts from tree removal as part of the Beal's Healthy Stream Initiative lead by the Nature Conservancy (TNC). He suggested that Dr. Tricia Moore (KSU) and Heidi Mehl (TNC) be invited to inform the RAC on the work.

Discussion also occurred on the benefits of controlled burning and needed frequency.

Drought Update – Diane reported on the drought declaration in early July placing 50 counties into emergency drought status. KWO and other agency staff continue to monitor conditions and water supply.

It was also noted that the R9 Transfer request by cities of Hays and Russell is progressing. After the water right changes are approved, which should occur in August the actual transfer process will begin. The transfer is to move water from Edwards County north for use by the cities.

Other Business

Agency reports not already covered

KDA-DWR- Cameron Conant reported that the overpumping regulations are being enforced. Approximately 180 penalties are being issued in the 26 counties in the Stafford Filed Office area. Penalties are fines and quantities deductions and possibly a three year suspension of a water right. There are approximately 50 first time warnings going out as well.

Discussion then occurred on conserving water, incentives and tools to do so. It was noted that GMD5 has the only water bank in the state. Multiyear flex accounts can be used to save water as well as avoid overpumping. Water Conservation Areas (WCA) can be done in the region, but so far there are none.

Documents related the Hay-R9 water transfer and the Rattlesnake Creek impairment can be found at <http://agriculture.ks.gov/divisions-programs/dwr> under Quivira.

Public Comments: none

Messages to KWA: none

Future Meetings

KWA meeting next August 22, Manhattan

The next RAC meeting – three months puts it in October. Diane will send out a Doodle poll and consider the availability of speakers previously discussed.

The meeting adjourned at 12:10 PM

MEMO



DATE: September 6, 2018
TO: Regional Advisory Committees
FROM: Matt Unruh
RE: SFY 2020 & 2021 KWA Budget Recommendations

900 SW Jackson Suite 404
Topeka, KS 66612
Phone: (785) 296-3185
Fax: (785) 296-0878
www.kwo.ks.gov

The Kansas Water Authority (KWA) held its most recent meeting on August 22 in Manhattan. One of the primary action items of the KWA at the meeting was approval of budget recommendations for state fiscal year (SFY) 2020 and 2021 based on agency input as well as input provided from each of the Regional Advisory Committees during July.

As has been the strategy in recent years, the KWA wants to continue to focus funding to priority projects that are in the Vision and Regional Advisory Goals Action Plans. It was initially discussed by the KWA Budget Committee prior to the August KWA meeting and approved by the full KWA that budget recommendations which will end up being included in the 2018 Annual Report to the Governor and Legislature should continue to request restoration of demand transfers. The table below shows the KWA's approved budget recommendation for additional SGF/EDIF restoration for FY 2020 and 2021 totaling \$8,000,000 for each year

| Agency | Program/Project | SFY2020 | SFY2021 |
|--|---|---------------------|--------------------|
| KDA | Streambank Stabilization | \$ 1,000,000 | \$1,000,000 |
| KDHE | Watershed Restoration and Protection Strategy | \$ 175,000 | \$ 175,000 |
| KWO | Milford Lake Watershed RCPP | \$ 600,000 | \$ - |
| KWO | Vision Education Strategy | \$ 250,000 | \$ 250,000 |
| KWO | Watershed Conservation Practice Imp | \$ 1,800,000 | \$1,800,000 |
| Water Conservation Sub-Total | | \$ 3,825,000 | \$3,225,000 |
| KDA | Real Time Water Management(Telemetry) | \$ 125,000 | \$ 125,000 |
| KDHE | Harmful Algae Bloom Pilot | \$ 450,000 | \$ 450,000 |
| Water Management Sub-Total | | \$ 575,000 | \$ 575,000 |
| KWO | Reservoir and Water Quality Research | \$ 350,000 | \$ 350,000 |
| KDA | Crop and Livestock Research | \$ 150,000 | \$ 150,000 |
| KDA | Irrigation Technology | \$ 500,000 | \$ 500,000 |
| KWO | Water Tech Farms | \$ 250,000 | \$ 250,000 |
| Technology and Crop Variety Sub-Total | | \$ 1,250,000 | \$1,250,000 |
| KDA | Water Supply Restoration Program | | \$ 300,000 |
| KDHE | Contamination Remediation | \$ 400,000 | \$ 400,000 |
| KDHE | Drinking Water Protection | \$ 350,000 | \$ 800,000 |
| KWO | Equus Beds Chloride Plume Project | \$ 100,000 | \$ 100,000 |
| KWO | Storage Purchase | \$ - | \$1,350,000 |
| KWO | Water Injection Dredging | \$ 1,500,000 | |
| Additional Source of Supply Sub-Total | | \$ 2,350,000 | \$2,950,000 |
| Total State Water Plan Expenditures | | \$ 8,000,000 | \$8,000,000 |

Attachment 1 is the SWPF table showing KWA recommendations for both fee revenue and the additional SGF/EDIF transfer of \$8 million in FY2020 and FY2021 to the full Kansas Water Authority. Funding lines that included SGF/EDIF transfers are shown in green.

The KWA also recognizes that staff is necessary to effectively implement water resource programs and projects. As such, the KWA recommended support for the following state agency enhancements related to personnel and that the request should be funded from the State General Fund as noted within the table below.

| Funding Agency | Program/Project | KWA FY2020 | KWA FY2021 |
|-----------------------|--|-------------------|-------------------|
| | | | |
| KDA | Water Conservation Manager | \$ 125,000 | \$ 125,000 |
| KDA | DWR Application Specialist | \$ 85,000 | \$ 85,000 |
| KDA | Interstate Water Engineer | \$ 100,000 | \$ 100,000 |
| KDA | Water Appropriations Operating Budget | \$ 750,000 | \$ 750,000 |
| KDA | Water Structures Professional Engineer | \$ 100,000 | \$ 100,000 |
| KDHE | Onsite Environmental Support | \$ 100,000 | \$ 100,000 |
| KWO | Water Resource Planner | \$ 100,000 | \$ 100,000 |
| | Total Personnel Request | \$1,360,000 | \$1,360,000 |