

# MEMO



DATE: June 17, 2019  
TO: Red Hills Regional Advisory Committee Members  
FROM: Diane Knowles  
CC: Red Hills Agency Advisors  
RE: June 28, 2019 Meeting

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The meeting of the Red Hills Regional Advisory Committee will be held on **Friday June 28, 2019 at 9:30 a.m. in the Peoples Bank meeting room, 117 S Main, Medicine Lodge, Kansas.**

The main items for discussion will be the Fiscal Year 2020 budget allocations, recommendations to KWA for the Fiscal Year 2021 and the update of the 50-year Vision for Water.

Enclosed please find:

- Agenda
- Draft Meeting Notes-March 2019
- RAC Membership Memorandum
- Budget Memo and materials
- RAC Vision and the Kansas Water Plan Memorandum
- Vision and Kansas Water Plan Attachment
- Press release

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](mailto:diane.knowles@kwo.ks.gov); or toll-free at (888) KAN-WATE(R).



## MEETING AGENDA

**DATE:** June 28, 2019

**TIME:** 9:30 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 April Meeting
  - b. RAC Membership process update
  - c. Budget-FY2020 Appropriations and FY2021 Recommendations
- V. Vision and Regional Goals**
  - a. Produced Water Pilot Status
  - b. Vision Discussion including Goals and Action Plans
- VI. Other Business**
  - a. Agency Reports not already covered
  - b. Public Comments
  - c. Questions & issues from Members
  - d. Messages to KWA
  - e. Meeting Reminders
    - i. Kansas Water Authority July 30-31, Goodland
    - ii. Next RAC -TBD

Note: underlined items are action items for RAC

## Red Hills Regional Advisory Committee Meeting

10:00 am March 1, 2019

Medicine Lodge Kansas

**Members in Attendance:**

Name	City	Category	Present
Suzanne Drouhard (Chair)	Danville, KS	Agriculture (cc)	N
Clark Bibb	Coldwater, KS	At Large Public West	Y
Ken Brunson	Pratt, KS	Fish and Wildlife	N
Jim Harden	Clark County, KS	At Large Public (cc)	Y
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
Vacant		Agriculture (cc)	-
Mark Watts (vice-chair)	Medicine Lodge, KS	Industry/Commerce	Y
Phil White	Wellington, KS	At large Public East	Y
Jay Zimmerman	South Haven, KS	At Large Public	N

**Others Attending:** Armando Zarco (KWO), Diane Knowles (KWO)

**Welcome/Introductions:** Everyone was welcomed by Mark Watts, committee vice-chair. Self-introductions were made.

**Agenda:** The draft agenda was accepted as presented.

**Review of Past Meeting Notes:** Draft meeting notes from the Oct 2018 were accepted as presented.

**Kansas Water Authority Activities and Actions:** Diane Knowles provided a summary of the December Kansas Water Authority (KWA) meeting. December 19<sup>th</sup> meeting in Wichita highlight: Approval of reports, agreements (surplus water report, draft annual, Kansas River study cost share agreement) RAC membership and message responses. KWA heard information about training for the RACs, status of compacts and the Tuttle Creek WID, Kansas Reservoir Protection Initiative, Harmful Algal Blooms, Water Tech Farms and private well project. Annual Report to Governor and Legislature was sent to the RAC.

January KWA meeting was attended by Mark Watts for the Red Hills RAC. He also participated in the legislative visits. January Legislative visits: 70 legislators scheduled appointments with KWA and RAC teams (28 people). Mark reported the legislators had varied interests including interest in the Pilot Produced Water project, Hays water transfer and funding.

January KWA in Topeka saw KWA approving authority to negotiate contracts for water, and messages from RACs. They heard about sorghum research from K-State and updates on projects (Milford RCPP, Republican River, section 1122 and a little from the Lt.Gov.

RAC membership for all 14 regions is beginning in order to fill the positions that expire June 30, 2018. This is approximately half of all RAC members. For the RH it is 6 of the 11 members that expire; Vacant (Ag) , Hi Lewis (Ind/Com), Larry Mangan (PWS), Phil White (At Large E), Clark Bibb (At Large W) and Ken Brunson (F&W). Diane summarized the process noting that current and new members must have applications in by May 31, 2019.

## Regional Activities

**Pilot Produced Water Project:** The original company has declined to continue on the project, but an alternate company has come forward to treat produced water to usable standards. We have an extension from the Bureau of Reclamation until September 2019 to complete the work. The MOU with BOR has been adjusted. KWO and the various parties hope to meet on site soon to work out final schedule.

**Water Technology Farms:** Armando Zarco provided an overview of water technology farms in Kansas, primarily in western Kansas until this next year. 10 farms in 2018, 6 of these are WCAs. He also noted when final decisions are made probably 5 more water technology farm will be added for 2019. One of these may be outside Harper. It is anticipated all will have field days in either July or August. Discussion of funding, technology and priorities occurred.

## Other Updates

**Conservation:** Diane noted that the Kansas Grazing Lands Coalition applied for grant to add staff for TA on ranch land management to address invasive species among other things. Titled "Building Technical Range Planning Assistance Capacity CCGA Proposal" expect to reduce backlog of grazing management plans and wildlife conservation plans for NRCS. This will include support of ongoing efforts to remove Eastern Red Cedar from the Red Hills. KWO provided a letter of support.

**Lake Goal update:** no update at this time.

Diane noted that the RAC had asked to be kept informed on the R9 Transfer request by cities of Hays and Russell. At this time the conditional decision on the water right changes has not been issued (as of 2/28/19). The transfer process to consider moving water from Edwards County north for use by the cities will begin if the changes are conditionally approved.

Status of the Quivira/Wildlife Refuge Impairment/Rattlesnake Creek issue was requested. Diane noted GMD5 and DWR continue to work on remedies that include augmentation and a Local Enhanced Management Area (LEMA). Water withdrawal reductions being discussed include conservation programs such as CREP and WTAP, along with end gun removal at part of the LEMA proposal. KDA and KWO along with The Nature Conservancy and WaterPack meet with USDA Farm Service Agency (FSA) to discuss a CREP program. Until USDA has rules written to address changes under the 2018 Farm Bill, progress will be very limited.

## Other Business

**Agency reports not already covered:** none

**Public Comments:** none

**Questions & Issues from Members:** Larry Mangan noted a new project on the east side of Wellington. This biogas plant will use the city of Wellington water and possibly gray water.

**Messages to KWA:** none

## Future Meetings

RAC's next meeting expected to be in late May or early June to provide input to KWA on budget to KWA. We may try a conference call depending on the timing with planting and other farming needs.

# MEMO



DATE: May 24, 2019  
TO: Regional Advisory Committees  
FROM: Earl Lewis, Acting Director  
RE: State Water Plan Fund Budget Recommendations

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The Kansas Water Authority (KWA) is developing recommendations for how the State Water Plan Fund (SWPF) should be allocated during state fiscal year 2021. This includes requesting restoration of the full \$6 million State General Fund and \$2 million Economic Development Initiatives Fund demand transfers to the SWPF.

During the April KWA meeting, action was taken setting a budget recommendation development timeline, including seeking regional advisory committee (RAC) input into the process before the KWA finalizes their recommendations. The KWA will take action at the July meeting to finalize budget recommendations so that agencies may include the recommendations in agency requests in September.

Attached are two spreadsheets covering the SWPF as recently approved by the legislature and requests that have been made for Fiscal Year 2021, including fee revenue the full restoration of the demand transfers.

Recognizing the unique role RACs serve in representing local interest in identifying issues and developing action plans to solve those issues, the KWA is seeking your input regarding the SWPF budget. In particular, for the requests regarding restoration of the demand transfers:

1. Which projects/programs are the highest priorities for your region to implement your goals and action plans?
2. What is an appropriate level of funding for those high priority items that will be effective and can be implemented?
3. Are there actions, projects or programs that your RAC feels should be included that are not, or that are getting too much attention?

The KWA Budget Committee will meet in mid to late July to review RAC and agency feedback to what has been requested. This will be a difficult task as I believe we all understand that there is more demand for funds than there is money available. Your input is very important to this process of identifying the most effective and critical funding needs.

We are asking that any RAC providing recommendations do so by action of the committee. This will help to ensure that the wishes of the committee are clearly communicated to the KWA Budget Committee.

Thank you for you continued work on our common water resource issues.

**State Water Plan Fund  
FY2020 Final Appropriation**

<b>EXPENDITURES</b>	<b>FY2018 Actuals</b>	<b>FY2018 Carry Forward</b>	<b>FY2019 Appropriated</b>	<b>FY2019 w/carry forward</b>	<b>FY2020 Appropriated</b>
<b>Department of Health and Environment</b>					
Contamination Remediation	\$ 627,449	\$ 9,581	\$ 691,394	\$ 700,975	\$ 1,088,301
TMDL Initiatives	\$ 244,112	\$ 6,252	\$ 278,029	\$ 284,281	\$ 278,029
Nonpoint Source Program	\$ 235,045	\$ 10,495	\$ 303,208	\$ 313,703	\$ 303,208
Harmful Algae Bloom Pilot	\$ -	\$ -	\$ 450,000	\$ 450,000	\$ 450,000
Watershed Restoration and Protection	\$ 549,996	\$ 5,004	\$ 730,884	\$ 735,888	\$ 730,884
Drinking Water Protection Program	\$ -	\$ -	\$ -	\$ -	\$ 350,000
<b>SUBTOTAL--KDHE</b>	<b>\$ 1,656,602</b>	<b>\$ 31,332</b>	<b>\$ 2,453,515</b>	<b>\$ 2,484,847</b>	<b>\$ 3,200,422</b>
<b>Department of Agriculture</b>					
Interstate Water Issues	\$ 404,335	\$ 25,962	\$ 497,386	\$ 523,348	\$ 490,007
Subbasin Water Resources Management	\$ 539,837	\$ -	\$ 619,692	\$ 619,692	\$ 608,949
Water Use	\$ 75,000	\$ 45,178	\$ 72,600	\$ 117,778	\$ 72,600
Water Resources Cost Share	\$ 1,601,360	\$ 207,050	\$ 1,948,289	\$ 2,155,339	\$ 2,448,289
Nonpoint Source Pollution Asst.	\$ 1,331,554	\$ 299,464	\$ 1,860,023	\$ 2,159,487	\$ 1,857,836
Aid to Conservation Districts	\$ 2,000,000	\$ -	\$ 2,092,637	\$ 2,092,637	\$ 2,192,637
Watershed Dam Construction	\$ 528,157	\$ -	\$ 551,373	\$ 551,373	\$ 550,000
Water Quality Buffer Initiative	\$ 140,648	\$ 125,022	\$ 200,000	\$ 325,022	\$ 200,000
Riparian and Wetland Program	\$ 44,363	\$ 372,495	\$ 152,651	\$ 525,146	\$ 154,024
Water Transition Assistance Program/CREP	\$ 222,280	\$ 25,975	\$ 201,963	\$ 227,938	\$ 299,745
Irrigation Technology			\$ 100,000	\$ 100,000	\$ 100,000
Crop and Livestock Research					\$ 350,000
Hemp Research			\$ 100,000	\$ 100,000	
Sorghum Crop Research			\$ 150,000	\$ 150,000	
Streambank Stabilization			\$ 500,000	\$ 500,000	\$ 500,000
<b>SUBTOTAL--KDA</b>	<b>\$ 6,887,534</b>	<b>\$ 1,101,146</b>	<b>\$ 9,046,614</b>	<b>\$ 10,147,760</b>	<b>\$ 9,824,087</b>
<b>Kansas Water Office</b>					
Assessment and Evaluation	\$ 446,047	\$ 147,976	\$ 450,000	\$ 597,976	\$ 700,000
GIS Database Development	\$ 50,000	\$ -	\$ -	\$ -	
MOU - Storage Operations & Maintenance	\$ 363,699	\$ -	\$ 350,000	\$ 350,000	\$ 410,000
Stream Gaging	\$ 350,000	\$ -	\$ 431,282	\$ 431,282	\$ 423,130
Technical Assistance to Water Users	\$ 382,256	\$ 39,219	\$ 325,000	\$ 364,219	\$ 325,000
Vision Education Strategy	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000
Reservoir and Water Quality Research					\$ 350,000
Water Tech Farms	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 75,000
Kansas Alluvial	\$ 100,000	\$ -	\$ 50,000	\$ 50,000	
Streambank Study	\$ -	\$ -	\$ 100,000	\$ 100,000	
Bathymetric Study	\$ -	\$ 100,000	\$ 100,000	\$ 200,000	
Harmful Algae Bloom Study	\$ -	\$ -	\$ 100,000	\$ 100,000	
Watershed Conservation Practice Imp	\$ -	\$ -	\$ 900,000	\$ 900,000	\$ 700,000
Equus Beds Chloride Plume Project	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000
Milford Lake Watershed RCPP	\$ -	\$ 200,000	\$ 200,000	\$ 400,000	\$ 200,000
Water Resource Planner	\$ -	\$ -	\$ 101,848	\$ 101,848	
Streambank Stabilization	\$ 1,000,000	\$ -	\$ -	\$ -	
<b>SUBTOTAL--KWO</b>	<b>\$ 2,692,002</b>	<b>\$ 487,195</b>	<b>\$ 3,333,130</b>	<b>\$ 3,820,325</b>	<b>\$ 3,333,130</b>
<b>University of Kansas--Geological Survey</b>					
State Employee Pay Plan					\$ 37,935
<b>Total State Water Plan Expenditures</b>	<b>\$ 11,262,979</b>	<b>\$ 1,646,514</b>	<b>\$ 14,860,100</b>	<b>\$ 16,479,773</b>	<b>\$ 16,422,415</b>

<b>REVENUE</b>	<b>FY2018 Actuals</b>	<b>FY2018 Carry Forward</b>	<b>FY2019 Appropriated</b>	<b>FY2019 w/carry forward</b>	<b>FY2020 Projected</b>
<b>Beginning Balance</b>	\$ 718,547		\$ 2,197,007	\$ 2,197,007	\$ 521,409
<b>Transfers and Adjustments</b>					
State General Fund Transfer	\$ 1,400,000		\$ 2,750,000	\$ 2,750,000	\$ 4,005,632
Economic Development Fund Transfer	\$ -		\$ 500,000	\$ 500,000	\$ 500,000
Release of Prior Year Encumbrance	\$ 479,604				
Other Service Charges	\$ 203,260		\$ 28,255	\$ 28,255	\$ 28,255
Transfers to SGF - John Redmond Bond	\$ (1,260,426)		\$ (1,260,426)	\$ (1,260,426)	\$ (1,260,426)
<b>SUBTOTAL--Adjustments</b>	<b>\$ 822,438</b>	<b>\$ -</b>	<b>\$ 2,017,829</b>	<b>\$ 2,017,829</b>	<b>\$ 3,273,461</b>
<b>Receipts</b>					
Municipal Water Fees	\$ 2,993,852		\$ 3,267,271	\$ 3,267,271	\$ 3,267,271
Clean Drinking Water Fee Fund	\$ 2,701,067		\$ 2,820,674	\$ 2,820,674	\$ 2,710,279
Industrial Water Fees	\$ 904,987		\$ 1,120,701	\$ 1,120,701	\$ 1,065,021
Stock Water Fees	\$ 368,617		\$ 464,256	\$ 464,256	\$ 458,695
Pesticide Registration Fees	\$ 1,431,093		\$ 1,334,523	\$ 1,334,523	\$ 1,375,453
Fertilizer Registration Fees	\$ 3,354,186		\$ 3,568,921	\$ 3,568,921	\$ 3,584,360
Pollution Fines and Penalties	\$ 158,620		\$ 165,000	\$ 165,000	\$ 150,000
Sand Royalties	\$ 6,580		\$ 45,000	\$ 45,000	\$ 16,466
<b>SUBTOTAL--Receipts</b>	<b>\$ 11,919,001</b>	<b>\$ -</b>	<b>\$ 12,786,346</b>	<b>\$ 12,786,346</b>	<b>\$ 12,627,545</b>
Total Available	\$ 13,459,986		\$ 17,001,183	\$ 17,001,183	\$ 16,422,415
Less: Expenditures	\$ 11,262,979		\$ 14,860,100	\$ 16,479,773	\$ 16,422,415
<b>Ending Balance</b>	<b>\$ 2,197,007</b>	<b>\$ -</b>	<b>\$ 2,141,083</b>	<b>\$ 521,410</b>	<b>\$ 0</b>



**State Water Plan Fund Transfer Request (SGF/EDIF)**  
**FY2021 Funding Requests by Vision Categories**

**Water Conservation**

<i>Funding Agency</i>	<i>Requesting Agency</i>	<i>Description</i>	<i>FY2020 Legislature Approved</i>	<i>FY2021 Agency Request</i>	<i>Explanation and Justification</i>
KWO	KWO	Watershed Conservation Practice	\$ 700,000	\$ 1,800,000	To protect water supply storage and improve water quality in reservoirs across Kansas that provides water to municipal and industrial customers through implementation of watershed conservation practices within Vision priority watersheds.
KWO	KWO	Milford Lake Watershed RCPP	\$ 200,000	\$ 200,000	Nutrient runoff within the Milford Lake watershed in Kansas is a source of nutrient loading contributing to aquatic conditions which promote formation of harmful algal blooms (HABs) within Milford Lake. This RCPP project will look to implement conservation practices within the Milford Lake watershed to decrease nutrient runoff, thus decreasing the introduction of new nutrient loading contributing to the formation of HABs in Milford Lake.
KWO	KWO	Vision Education Strategy	\$ 100,000	\$ 250,000	Raise awareness of water issues within the state and increase the knowledge of those working within water-related careers. Partnering State Agencies: KDA, KDHE, KDWP&T, and KWO
KDHE	KDHE	Watershed Restoration and Protection	\$ 730,884	\$ 730,884	WRAPS contributes to the Kansas NPS Management Plan through the implementation of a voluntary targeted watershed-based program funded by CWA 319 and State Water Plan Funds. This program is unique because it works to seek citizen and stakeholder input and participation on watershed management and protection issues.
KDA	KDA	Non-Point Source Pollution	\$ 1,857,836	\$ 2,157,836	To implement additional soil health education activities in 105 county conservation districts as well as increasing landowner/operator scholarships to soil health educational seminars such as the annual No-Till on the Plains Conference (\$100K). Fund technical assistance in high priority areas through the use of contribution agreement conservation technician positions in partnership with NRCS (\$200K) without having to reduce Cost-Share funds.
KDA	KDA	Riparian and Wetland	\$ 154,024	\$ 404,024	Open the Initiative up to the remaining targeted watersheds in Kansas for enrollment. These funds would have the potential to promote conservation efforts on 1,100-1,500 acres in areas targeted by the State of Kansas for Sediment and Nutrient Impairment.
KDA	KDA	Water Resource Cost Share	\$ 2,448,289	\$ 2,948,289	To increase implementation of voluntary best management conservation practices that reduce sediment, soil erosion, phosphorus and other specified pollutants above federal reservoirs and in high priority HUC 12 watersheds. Mgmt practices such as the adoption of no-till, soil testing and prescribed grazing are offered along with structural practices to assist local conservation district boards and landowners accomplish water quality and quantity goals.
KDA	KDA	Watershed Dam Construction	\$ 550,000	\$ 1,450,000	To meet needs in unfunded dam construction (3 new sites: Marmaton WJD 102, Allen Creek WD 89 and Mill Creek WD 98) and rehabilitation of 8-10 existing flood control dams. State cost-share for New Construction and Rehabilitation are capped at \$120,000 per site per district.
KDA	KDA	CREP	\$ 299,745	\$ 699,745	Retire 6,186 ac-ft of water rights in Zone D with targeted enrollment of 4,124 irrigated acres in the Rattlesnake Creek impairment area [7,732 ac-ft & 5,155 irrigated acres with \$500,000 total]. DOC will partner with landowners, TNC, WaterPACK, GMD#5 and other interest groups to reduce pumping and conserve limited water resources.
KDA	KDA	Water Quality Buffer Initiative	\$ 200,000	\$ 200,000	Voluntary incentive program for landowners and operators who enroll in, or are eligible to enroll in the federal Continuous Conservation Reserve Program (CCRP). The Initiative provides state payments in addition to the CCRP annual payments for establishing either grass filter strips or riparian forest buffers in High Priority TMDL Watersheds
KDA	KDA	Streambank Stabilization	\$ 500,000	\$ 1,500,000	The Kansas Interagency Streambank Team has a total of 22 project sites that are being designed for construction or are seeking landowner contracts. These project are estimated to reduce sedimentation by 85,878 tons/year with projects located in all 3 of the priority watersheds. Current estimated cost of completion for these 22 projects is approximately \$3,750,000. Ground truthing for additional sites will continue in SFY2020.
KDA	KDA	Water Transition Assistance Program		\$ 200,000	Retire irrigation water rights in proximity to municipal water wells in the Wichita / Greeley counties RCPP project (Playas Recharging Kansas Communities). DOC will partner with NRCS, Playa Lakes Joint Venture, Ducks Unlimited, Pheasants Forever and other interest groups to reduce pumping and increase recharge in targeted areas.
KDA	KDA	Water Conservation Specialists <i>Subbasin Water Resources Mgmt</i>		\$ 300,000	Funding for three (\$300,000) Water Conservation Specialists. Two working in Garden City. One working in Stockton. These positions specialize in WCAs and LEMAs. These positions promote, monitor and conduct the technical work of the management programs. These positions are currently implementing Vision goals and objectives of water management. The WCAs are a voluntary program.
KDA	KDA	Water Conservation Manager <i>Subbasin Water Resources Mgmt</i>		\$ 125,000	To support, coordinate and supervise water conservation specialists in the field offices by performing targeted outreach and promotion for WCAs and LEMAs. Cost includes travel.
<b>Sub-Total</b>			<b>\$ 7,740,778</b>	<b>\$ 12,965,778</b>	



**State Water Plan Fund Transfer Request (SGF/EDIF)**  
**FY2021 Funding Requests by Vision Categories**

<b>Water Management</b>					
<i>Funding Agency</i>	<i>Requesting Agency</i>	<i>Description</i>	<i>FY2020 Legislature Approved</i>	<i>FY2021 Agency Request</i>	<i>Explanation and Justification</i>
KWO	KWO	Technical Assistance to Water Users	\$ 325,000	\$ 425,000	Per K.S.A 82a-2101, Not less than 15% of the Clean Drinking Water Fee shall be used for technical assistance to water users to aid such systems in conforming to responsible management practices and complying with regulations of the United States environmental protection agency and rules and regulations of the department of health and environment.
KDHE	KDHE	Harmful Algae Bloom Pilot	\$ 450,000	\$ 450,000	Investigate and demonstrate in-lake treatment options such as ultrasound, superoxide or other chemical treatments in Reservoir. The objective is to assess the effectiveness of such treatment options at minimizing the impact of Harmful Algae Blooms (HABs).
KDHE	KDHE	TMDL Initiatives	\$ 278,029	\$ 278,029	Monitoring and assessment program to track trends and conditions in surface waters to achieve the objective of the Kansas Water Plan and maintain state primacy for administration of federal water quality programs. The section has primary responsibility for surface water chemical and biological monitoring and assessment, the 303(d) and TMDL programs, as well as the water quality standards program.
KDA	KDA	Subbasin Water Resources Mgmt	\$ 608,949	\$ 608,949	Provides enhanced water management by conducting hydrologic analyses at the subbasin level, developing decision support information and products, and performing enhanced water right protection through enforcement.
KDA	KDA	Interstate Water Issues	\$ 490,007	\$ 490,007	Provides state and consulting expertise to protect Kansas's interest in the Kansas-Colorado Arkansas River Compact and the Kansas-Colorado-Nebraska Republican River Comact. Staff and experts perform physical inspections across state lines and perform independent water accounting to ensure compliance. Staff and experts also review Colorado and Nebraska statutes, rules and regulations, and participate in water-related meetings throughout the basin to maintain good relationships and represent Kansas's interest.
KDA	KDA	Water Use Study	\$ 72,600	\$ 72,600	Kansas has the most thorough and accurate water use reporting system in the nation. Recently, funding from the Water Use Study Program helped develop an online water use reporting system to further improve the accuracy of our water use data and the efficiency reporting it. This year over 90% of mandatory reports were submitted through the online system increasing the accuracy of the data and making it available sooner. Funds a contract with the Kansas Geological Survey to maintain and enhance the online water use reporting system, and a contract with the United States Geological Survey to perform independent quality control on the water use data.
KDA	KDA	Aid to Conservation Districts	\$ 2,192,637	\$ 2,492,637	To maintain and enhance conservation district operations by addressing annual inflationary costs. This enhancement provides opportunities for matching by county governments as per K.S.A. 2-1907b.
KDA	KDA	Interstate Water Engineer		\$ 100,000	To enhance the existing interstate team to help administer and enforce the Kansas-Colorado Arkansas River Compact.
KDA	KDA	Real-Time Water Mgmt - telemetry		\$ 125,000	Purchase equipment to replace aging and deteriorating water pressure transducers, rate loggers, data loggers, and telemetry. Would be same equipment as KGS uses to bring consistency to mutual data collection efforts and economy of scale for maintenance.
KDA	KDA	Subbasin Water Resources Mgmt		\$ 85,000	Programmer that will work on WRIS, WRIS Mobile, WSI, and GIS-related applications.
KDA	KDA	DWR Application Specialist		\$ 150,000	To preserve and provide comprehensive public access to water right information by scanning existing paper files and making them electronically accessible through online services
KDA	KDA	Public Access to Water Right Info.		\$ 150,000	
		<b>Sub-Total</b>	<b>\$ 4,417,222</b>	<b>\$ 5,277,222</b>	

## State Water Plan Fund Transfer Request (SGF/EDIF)

### FY2021 Funding Requests by Vision Categories

<b>Technology and Crop Varieties</b>					
<i>Funding Agency</i>	<i>Requesting Agency</i>	<i>Description</i>	<i>FY2020 Legislature Approved</i>	<i>FY2021 Agency Request</i>	<i>Explanation and Justification</i>
KWO	KWO	Water Technology Farms	\$ 75,000	\$ 250,000	Continued development and enhancement of demonstration farms that allow the installation and testing of the latest irrigation technologies and soil moisture management, as well as the opportunity to evaluate the effectiveness of conservation practice implementation in reducing sediment and nutrient runoff on a whole field scale. Enhancement to include Water Quality Tech Farms.
KWO	KWO	Streamgaging	\$ 423,130	\$ 430,000	Support the continuous monitoring of streamflow's on key streams and rivers in Kansas, to determine flood stages for various streams and to help forecast when and where streams will crest during floods.
KWO	KWO	Reservoir & Water Quality Research	\$ 350,000	\$ 350,000	Continued coordination, support and implementation of reservoir-related data collection, analysis and research of sediment and HABs, research related to sediment-reducing practices such as streambank stabilization projects, as well as the continuation of the Kansas River Alluvial Index Well Network and the associated stream aquifer model.
KDA	KDA	Crop and Livestock Research	\$ 350,000	\$ 350,000	Work on research projects as identified by industry. See below for some current ideas.
KDA	KDA	Irrigation Technology	\$ 100,000	\$ 200,000	To increase the implementation of practices that aid in the conservation of surface and ground water through the adoption of irrigation technology such as automated soil moisture probes, remote sensing units and mobile drip irrigation systems.
<b>Sub-Total</b>			<b>\$ 1,298,130</b>	<b>\$ 1,580,000</b>	

<b>Additional Sources of Supply</b>					
<i>Funding Agency</i>	<i>Requesting Agency</i>	<i>Description</i>	<i>FY2020 Legislature Approved</i>	<i>FY2021 Agency Request</i>	<i>Explanation and Justification</i>
KWO	KWO	Assessment & Evaluation	\$ 700,000	\$ 700,000	Provide the Water Planning and Vision process with the background information necessary to make decisions and improve implementation of projects. KWO contracts with consultants, universities and re-search entities for a variety of data collection and studies.
KWO	KWO	MOU - Storage Operation & Maint.	\$ 410,000	\$ 480,100	Operation and Maintenance costs associated with reservoir water storage paid to the Corps of Engineers for water supply for storage not yet dedicated to a water marketing customer or water assurance district.
KWO	KWO	Water Injection Dredging (WID)		\$ 1,500,000	WID injects water in the bottom of the reservoir, creating hereby density currents which are capable of transporting large amounts of sediment. The sediments are sluiced out of the reservoir.
KWO	KWO	Future Use Storage Purchase		\$ 2,358,300	Call into service storage not needed for water quality purposes in Milford & Perry Reservoirs. This is currently shown as an unfunded liability with a end of contract balloon payments in 2034 and 2041, respectively.
KWO	KWO	Equus Beds Chloride Plume Project	\$ 50,000	\$ 100,000	Chloride contamination within the Equus Beds Aquifer resulting from previous oil field production has resulted in areas of groundwater which is unsuitable for most uses. Remediation of areas of high chloride concentrations within the Equus Beds would help generate an additional water supply source as well as help protect and prolong the useable lifespan of groundwater wells around areas of chloride contamination.
KDHE	KDHE	Contamination Remediation	\$ 1,088,301	\$ 1,088,301	Evaluation, monitoring, and remediation of contaminated soil and groundwater sites when the responsible party is unknown or is unable to undertake the necessary action.
KDHE	KDHE	Drinking Water Protection	\$ 350,000	\$ 350,000	The program purpose is to insure all Kansas communities have a source of clean, healthy, affordable drinking water by planning and implementing strategies to prevent and mitigate contamination.
KDA	KDA	Water Structures Professional Engineer <i>Interstate Water Issues</i>		\$ 100,000	Water Structures Engineer for activities which include independent review of complex engineering calculations and constriction documents for dams, channel changes, stream obstructions, floodplain fills and levees in order to process water structure permits. The work includes field inspections of construction and completed projects, safety inspections, resolution of conflicts and communication with landowners, contractors and other engineers. This position would ensure that succession in staff is appropriately and responsibly planned for.
KDA	KDA	Water Supply Restoration		\$ 465,000	Partner with the City of Augusta to rehabilitate Santa Fe Lake which serves as one of their water supply reservoirs.
<b>Sub-Total</b>			<b>\$ 2,598,301</b>	<b>\$ 7,141,701</b>	

	<i>FY2020 Approved</i>	<i>FY2021 Requested</i>
<b>Total</b>	<b>\$ 16,054,431</b>	<b>\$ 26,964,701</b>

# MEMO



DATE: May 16, 2019  
TO: Regional Advisory Committee Members  
FROM: Matt Unruh  
RE: 2019 RAC Membership Process

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

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Currently the Kansas Water Office (KWO) is in the process of soliciting applications for membership on all 14 of the Regional Advisory Committees (RAC) across Kansas. The RACs play a vital role in advising the Kansas Water Authority (KWA) on implementation of each region's water supply priorities as part of the *Kansas Water Vision* and the Kansas water planning process as a whole. RAC members also help identify and provide input on other emerging water resource related issues/concerns and serve as a local voice in water resource-related discussions.

Starting first in the Winter 2019 edition of The WaterFront newsletter and continuing at the end of April through the month of May through KWO's communication channels, word has been put out regarding the current call for applications for RAC membership to fill currently vacant positions as well as for the RAC positions with terms expiring in 2019. KWO Water Resource Planners have been reaching out to current RAC members with terms expiring in 2019 to inquire about their interest in having their names remain under consideration for re-appointment on the RACs by the KWA. If you are a current RAC member with a 2019 term expiration and have not either submitted an application or confirmed your interest in no longer serving on your respective RAC beyond your current term please do so as soon as possible.

After the end of May, KWO staff will compile all applications submitted from current RAC members with 2019 term expirations as well as applications from individuals not currently serving on a RAC and review all applications with members of the KWA at a meeting of the KWA RAC Operations Committee. At this meeting, which has yet to be scheduled but will take place in advance of the July 30-31 KWA meeting in Goodland, the KWA RAC Operations Committee will develop membership recommendations for the full KWA to take action on from the entire applicant pool for currently vacant RAC positions as well as those positions with terms expiring in 2019. Action by the full KWA will take place on these membership recommendations at the July 30-31 KWA meeting in Goodland. For positions with terms expiring in 2019 the KWA will make appointments for 4 year terms through 2023.

# MEMO



DATE: May 16, 2019  
TO: Regional Advisory Committee Members  
FROM: Matt Unruh  
RE: Vision and the Kansas Water Plan

900 SW Jackson Street, Suite 404  
Topeka, KS 66612  
Phone: (785) 296-3185  
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At the April 2019 Kansas Water Authority (KWA) meeting in Abilene, Acting Kansas Water Office (KWO) Director Earl Lewis provided the following report to the full KWA:

*In January 2015, The Long Term Vision for the Future of Water Supply in Kansas was completed to provide a long-term planning framework to address declines of the High Plains/Ogallala Aquifer, decreasing reservoir water supply storage lost due to sedimentation as well as other items tied to water conservation, water management, technology & crop varieties, and additional sources of supply. Governor Kelly recognizes the value of the water resources of Kansas and for the economic prosperity of the state and has expressed the desire to initiate a process to help measure implementation progress and make necessary adjustments to help the long-term success of water resource planning efforts within Kansas. As we approach the 5 year anniversary of the Vision it is now time to evaluate progress made on implementation to this point, identify new water resource issues, update and develop new Regional Goals and Actions Plans, and incorporate these items into the Kansas Water Plan.*

*Starting today and over the course of the coming months a process will be initiated with the following proposed strategic objectives in mind:*

- *Evaluation of progress made and make changes based on implementation results to date*
- *Identification of additional issues and/or topics not previously addressed*
- *Identification of priority regional water resource projects*
- *Reorganization of Vision and incorporation of action items into the Kansas Water Plan*

*Included within this proposed process will be the opportunity for local stakeholders to provide input on local water resource issues, including those which might not be currently accounted for in the current Vision or associated regional goals and action plans. Development of new or modifications to existing regional goals and action plans are to be expected from this process, as well as evaluation of the statewide Vision document for reorganization and consolidation purposes. Ultimately, this process will yield a merged Vision/Kansas Water Plan document with will be utilized to help guide the water resource planning efforts of Kansas.*

An attachment to this memo includes a concept paper describing the proposed strategic objectives, core principles, process, and tentative timeline associated with this effort. Starting with the June RAC meetings, KWO Water Resource Planners will share Regional Action Plan implementation progress reports with all 14 of the RACs and begin to engage in discussions with RAC members regarding the current status of Action Plan implementation efforts and set the stage for future discussions on development of new/revised Regional Goals and associated Action Plans. Ultimately, the guidance and feedback provided through the RACs will play a prominent role in the overall process of reorganization and incorporation of the Vision into the Kansas Water Plan.

## **The Long-Term Vision for the Future of Water Supply in Kansas: A Concept for Reorganization and Incorporation into the Kansas Water Plan**

In January 2015, *The Long Term Vision for the Future of Water Supply in Kansas (Vision)* was completed to provide a long-term planning framework to address declines of the High Plains/Ogallala Aquifer, decreasing reservoir water supply storage lost due to sedimentation as well as other items tied to water conservation, water management, technology & crop varieties, and additional sources of supply. As we approach the five-year anniversary of the *Vision* it is now timely to evaluate progress made on implementation to this point, identify new water resource issues, develop new Regional Goals and Actions Plans, and incorporate these items into the *Kansas Water Plan*. The following document outlines a draft concept for these actions to take place.

### **PROPOSED STRATEGIC OBJECTIVES**

- Evaluate progress made and make changes based on implementation results to date
- Identification of additional issues and/or topics not previously addressed
- Identification of priority regional water resource projects
- Reorganization of *Vision* and incorporation of action items into the *Kansas Water Plan*

### **PROPOSED CORE PRINCIPLES**

- Ensuring Each Citizen has Reliable Water Supply
- Conserving and Extending the High Plains Aquifer
- Securing, Protecting and Restoring our Kansas Reservoirs
- Improving our State's Water Quality
- Developing and Maintaining our State and Local Water Infrastructure
- Develop a Long-Term, Affordable & Sustainable Method to Provide Financing for Implementation of the *Kansas Water Plan*

### **PROPOSED PROCESS**

- Provide the opportunity for local stakeholders to engage:
  - Hold public input meetings within each of the 14 Regional Planning Areas
  - Provide feedback from public meetings to Regional Advisory Committee (RAC) for each Regional Planning Area. Once feedback is evaluated RACs will:
    - Determine if new/revised Regional Goals are necessary for the region.
    - Determine if new/revised Regional Goal Action Plans are necessary.
    - Develop new Regional Goals and Actions Plans with support from the Kansas Water Office (KWO).
    - Present new Regional Goals and Action Plans to the Kansas Water Authority (KWA) for review and approval.
    - Identify Priority Projects Necessary to Make Implementation Progress.

- Maintain a statewide view on issues which impact multiple regions or the state as a whole:
  - KWO staff conduct status review of all statewide action items within *Vision*.
  - The KWA, with support from KWO staff, will review and approve new/revised Regional Goals and associated Action Plans.
  - The KWA, with support from KWO staff, will review all Regional Goals and Action Plans to evaluate for consolidation of implementation efforts which impact multiple regions.
  - The KWA will review input provided by RACs on identified priority projects in development of budget recommendations provided to the Governor and Legislature.
- Merging of *Vision* and *Kansas Water Plan*:
  - Once new/revised goals and action plans have been developed and approved, KWO staff will draft document, highlighting long-term water resource priorities of Kansas as well as shorter term implementation priorities.
  - Draft document will be presented to RACs for review and concurrence.
  - Following RAC concurrence, draft document will be presented to KWA for concurrence.
  - Following KWA concurrence, there will be public hearings
  - After public hearings and KWA review of hearing comments/testimony, document will be completed and utilized to help guide water resource planning efforts of Kansas

## PROPOSED TIMELINE

- **Late Spring-Early Summer 2019:**
  - RACs provide input to KWA on SFY 2021 budget recommendation development process and begin preliminary discussions on modifications to Regional Goals and Action Plans.
  - Current RAC Implementation Progress Report shared with each RAC
- **Late Summer-Early Fall 2019:**
  - Public input meetings held and RACs begin process of developing new/revised Regional Goals and Action Plans if determined necessary
- **Fall 2019-Winter 2020:**
  - Interagency Team evaluates statewide *Vision* feedback from public input meetings (*Kansas Water Office, Kansas Department of Agriculture, Kansas Department of Health & Environment, Kansas Department of Commerce, Kansas Department of Wildlife, Parks & Tourism*)
  - RACs evaluate feedback from public input meetings
  - RACs develop new/revised Regional Goals and/or Action Plans
  - RACs provide recommendations to KWA on new/revised Regional Goals and associated Action Plans
- **Winter-Summer 2020:**
  - Kansas Water Plan document drafted highlighting short and long-term water resource priorities of Kansas.
  - Public hearings held on draft
  - Reorganization and incorporation of *The Long-Term Vision for the Future of Water Supply in Kansas* and the *Kansas Water Plan* completed. RACs provide input to KWA on priority projects from each region to move implementation efforts forward.