

**Kansas Water Authority Meeting
Conference Call
8:30 a.m. – October 10, 2017**

<i>Time</i>	<i>Agenda Item</i>	<i>Presenter</i>	<i>KWA Advice</i>	<i>KWA Decision</i>	<i>Page No.</i>
8:30 am	Call to Order/Introductions	Gary Harshberger			
8:35 am	Approval of Minutes of August 17, 2017 & September 6, 2017			X	1
8:40 am	KWA PWS Committee	Dennis Schwartz	X		5
9:00 am	KWA RAC Operations Committee	Greg Graff & Matt Unruh		X	7
9:05 am	KWA Planning Update	Matt Unruh			
	<i>State of the Resource</i>		X		8
9:10 am	KWA Budget Committee	Karma Mason			9
9:40 am	Research Coordination	Earl Lewis			11
9:55 am	KWA Annual Report to the Governor and Legislature	Earl Lewis & Ginger Harper	X		14
	Regional Advisory Committee Updates				
10:05 am	<i>Hays Water Conservation Field Day: Smoky Hill-Saline RAC</i>	Martha Tasker, Diane Knowles	X		
	<i>Drought Exercise: Marais Des Cygnes, Neosho, & Verdigris RACs</i>	Lori Kuykendall, Angela Anderson, & John Black	X		
10:15 am	Director's Report	Tracy Streeter			
10:30 am	New Business				
10:45 am	Adjourn				

Upcoming Kansas Water Authority Meetings: December 12, 2017, McPherson, KS; January 23-24, 2018, Topeka, KS

Minutes

KANSAS WATER AUTHORITY Pittsburg, Kansas

Aug 17, 2017

Regular Meeting

CALL TO ORDER: Chairman Gary Harshberger called the **Aug 17, 2017** Kansas Water Authority meeting to order at **8:55** a.m. at Memorial Auditorium, Pittsburg, KS

MEMBERS PRESENT: Gary Harshberger, Chairman; Mike Armstrong; John Bailey; Mark Fischer, Greg Graff; Randy Hayzlett; Alan King; Calvin Kissick; Brad Loveless; Karma Mason; Dennis Schwartz; Ted Nighswonger; Lynn Wobker; Rolfe Mandel; Ed Martinko; Rob Reschke; Dan Devlin; Tracy Streeter

MEMBERS ABSENT: Pat Apple; Jackie McClaskey; Nick Jordan

APPROVAL OF MINUTES:

Motion No. 08-17-01 It was moved by **Dennis Schwartz** and seconded by **Mark Fischer** the **May 17, 2017** Minutes for the Regular Meeting of the Kansas Water Authority be approved as presented. **Motion carried with no dissenting votes.**

KWA/KWO OPERATIONS:

Lower Republican Background

Earl Lewis provided this update.

Lower Republican River Basin Feasibility Study for Reservoirs Update

Katie Miller, with Burns & McDonnell provided this update.

Lower Republican River Basin Oasis Model, Final Report

Andrea Brookfield, with Kansas Geological Survey provided this update.

Research Coordination Work Group

Ed Martinko and **Dan Devlin** presented

Research Coordination Work Group

Presented by **Ed Martinko** and **Dan Devlin**

Moved by Brad Loveless, seconded by Greg Graff-to direct KWO to work with KWRI regarding research legislation.

KWA/PWS Committee-Negotiation Requests

Motion No. 08-17-02 It was moved by **Dennis Schwartz** and seconded by **John Bailey** to approve the Kansas Water Office to enter into negotiations for the Wolf Creek Marketing Contract.

LEGISLATURE/BUDGET UPDATE:

SWPF Update FY 17-18

Karma Mason provided this update.

SWPF Budget Discussion FY 19

Karma Mason provided this update.

Motion No. 08-17-03

It was moved by **Karma Mason** and seconded by **Mark Fischer** to adopt the recommendation of the KWA Budget Committee for the SWPF Funding priorities for FY 2019

Water Planning Update:

Lower Water Quality Summit Update

Matt Unruh provided this update.

KWA RAC COMMITTEE:

RAC Member Appointments

Greg Graff and **Matt Unruh** presented

Motion No. 08-17-04

It was moved by Dennis Schwartz and seconded by Ted Nighswonger to adopt the RAC Operations Committee recommendation for RAC member appointments as noted.

Equus-Walnut

Steve Hieger presented an update.

Kansas

Lori Kuykendal presented an update.

Missouri

Carl Johnson presented an update.

Neosho

Angela Anderson presented an update.

Smoky Hill-Saline

Martha Tasker presented an update.

Verdigris

John Black presented an update.

GMD Assessment Fee Proposed Legislation

Calvin Kissick and **Tim Boese** presented this update.

DIRECTOR'S REPORT: **Tracy Streeter** provided the Director's Report.

NEW BUSINESS:

HR3383 Legislation

Ginger Harper presented an update.

Motion No. 18-07-05

It was moved by **Karma Mason** and seconded by **Mark Fischer** to endorse HR3383, a bill to designate the Wichita-Valley Center Flood Control Project as the M.S. “Mitch” Mitchell Floodway.

UPCOMING MEETINGS: October 10, 2017 Conference Call

Adjournment

The KWA adjourned at **3:22** p.m.

Minutes

**KANSAS WATER AUTHORITY
Conference Call**

Sept 6, 2017

Conference Call

CALL TO ORDER: Chairman Gary Harshberger called the **Sept 6, 2017** Kansas Water Authority meeting to order at **8:00** a.m. on the phone.

MEMBERS PRESENT: Gary Harshberger, Chairman; Mike Armstrong; John Bailey; Mark Fischer, Greg Graff; Randy Hayzlett; Alan King; Calvin Kissick; Brad Loveless; Karma Mason; Dennis Schwartz; Ted Nighswonger; Lynn Wobker; Tracy Streeter

MEMBERS ABSENT:

KWA/KWO OPERATIONS:

Additional Match for the RCPP Proposal

Tracy Streeter provided this update.

Motion No. 09-17-01 It was moved by Dennis Schwartz and seconded by Mark Fischer that the Kansas Water Authority recommend \$200,000.00 annually from the State Water Plan Fund be targeted to the Milford Reservoir Regional Conservation Partnership Program proposal for FY 2018-FY 2022.

Motion No. 09-17-02 It was moved by Karma Mason and seconded by Dennis Schwartz that the KWA recommend \$400,000.00 in FY 2018 supplemental funding for KDHE in-lake studies and remediation techniques for combating HAB's in the Reservoirs.

UPCOMING MEETINGS: October 10, 2017 Conference Call

Adjournment The KWA adjourned at **8:28** a.m.

MEMO



DATE: October 6, 2017
TO: Kansas Water Authority
FROM: Dennis Schwartz, Chair, Public Water Supply Committee
Cara Hendricks, P.E.
RE: Public Water Supply Committee Update

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

The purpose of this memorandum is to provide an update to the Authority regarding the following items related to the KWA Public Water Supply (PWS) Committee and associated PWS programs:

Informational Items:

- Introduction of New Advisory Members
- Value of Assurance Storage Policy Discussion – Update

Introduction of New Advisory Members

In accordance with the newly revised Internal Policy Memorandum (IPM) #11 which establishes the standing committee on Public Water Supply program operations, two new advisory members were recently appointed by the KWA Chair and have agreed to serve a three-year term as follows:

Industrial Customer Representative

- Jared Morrison, Westar Energy
Director, Water and Waste Programs

Assurance District Member Representative

- Greg Wilson, CPA
KRWAD No. 1 and MRWAD No. 2 Representative

The previous advisory member representing industrial customers was Terry McCormick with Westar Energy, whose three-year term has expired. The appointment of Greg Wilson as a representative of assurance districts fills the newly-created advisory member position established by the revised IPM #11.

The new advisory members attended the Oct. 3rd PWS Committee meeting, at which they were introduced and welcomed to the Committee by the Chair.

Value of Assurance Storage Policy Introduction/Discussion

The policy discussion regarding the value of water supply storage was introduced to the KWA as part of the PWS Committee's update to the Authority at its May 18, 2017 meeting. Since that time, the Kansas Water Office has contracted with Burke Griggs of Washburn University to perform a comprehensive evaluation of the following policy question: **How should the state value water supply storage in reservoirs?**

One of the main drivers of this question is the fact that over the next few years, many of the existing long-term capped-rate marketing contracts will be ending. If renewed, these contracts, currently capped at \$0.10 per 1,000 gallons, will be contracted at the variable marketing rate, which for CY 2018 is \$0.392 per 1,000 gallons. As the end dates for these contracts near, the KWO has recognized the need to review the current statutes and regulations with regard to potential assurance storage purchases that may be discussed with upcoming marketing customers, if that is a viable option.

Since the initial development of the water assurance district program, there has been only one purchase of additional assurance storage in 2009 in the Marais des Cygnes Assurance District. The potential for future purchases of assurance storage has emphasized the need to ensure that the methodology for valuing this storage is clear and consistent, and that

the state's public water supply programs are not significantly impacted. In addition, since the last assurance purchase in 2009, protection and restoration of state-owned storage have been identified as part of the public water supply planning needs included in the 2017 PWS Comprehensive Capital Development Plan.

Burke attended the Oct. 3rd PWS Committee meeting, at which Committee members engaged in additional discussion and provided some feedback with regard to the scope of Burke's work. The Committee is prepared to hear from Burke at a later meeting regarding the status of his research and the associated findings.

This report is for information only. No action is needed at this time.

MEMO



DATE: October 2, 2017
TO: Kansas Water Authority
FROM: Matt Unruh
RE: KWA RAC Operations Committee Update

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The KWA RAC Operations Committee held a conference call on September 29 to discuss a message to the KWA from the Cimarron Regional Advisory Committee. The following message was developed by the Cimarron RAC at their August 11 meeting following the Hatcher Farms Water Technology Farm Field Day:

The Cimarron RAC would like to see a joint meeting to set up between Kansas and Oklahoma on how to extend the life of the Ogallala aquifer in the two states through conservation.

KWO Staff Input: Following the Hatcher Farms Water Technology Farm Field Day there was a good deal of the discussion at the RAC meeting regarding ways to improve communication and coordination with regional stakeholders as well as Ogallala Aquifer users in Oklahoma. A meeting in Liberal focusing on stakeholders within Beaver and Texas counties in Oklahoma could be an effective way to improve general awareness of conservation efforts ongoing within Kansas and Oklahoma and present the opportunity for potential future collaboration on groundwater conservation activities in both states.

Resolution: The KWA supports the Cimarron RAC and their desire to have dialogue with neighboring areas of the Oklahoma Panhandle. A meeting with Oklahoma stakeholders could be beneficial from an information and educational standpoint to bring stakeholders up to date on Ogallala Aquifer conservation efforts ongoing in both states but it is important to understand that there could be limitations on any types of actions moving forward from this discussion. The KWA would appreciate future updates from the Cimarron RAC on this topic.

The KWA RAC Operations Committee recommends KWA approval of the Resolution

MEMO



DATE: October 5, 2017
TO: Kansas Water Authority
FROM: Matt Unruh
RE: State of the Resource Update

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As noted within *A Long-Term Vision for the Future of Water Supply in Kansas*, “Following the first year of the goal setting process and annually thereafter, the Kansas Water Authority will evaluate progress towards meeting milestones and overall goals and will assess the need for further action. Annual public meetings will be held in each water resource planning region, highlighting the current groundwater, surface water and water storage conditions. Additionally, progress towards achieving the goals will be assessed through the Kansas Water Plan every five years.”

In conjunction within this annual evaluation noted within the Vision, KWO staff are currently working on development of reports which evaluate water resource conditions within each of the 14 Regional Planning Areas as well as evaluation of implementation progress being made within each of the respective regions as future needs. This development process also includes the opportunity for each of the RACs to provide comments on the content within each of the reports to help make these reports useful tools RAC members can use within their respective regions to assist with stakeholder outreach activities.

Following completion of these reports, each of the RACs will work with their KWO planner to determine the most effective way to share this information with regional stakeholders. A State of the Resource meeting date has already been identified by the Marais des Cygnes RAC, with other meetings anticipated to be scheduled in the future.

This item is for informational purposes only. No KWA Action required.

MEMO



DATE: October 6, 2017
TO: Kansas Water Authority
FROM: Karma Mason and Katie Mitchell
RE: KWA Budget Committee

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The Kansas Water Authority Budget Committee had a conference call on October 6, 2017. Primary topics of the call included:

1. State Water Plan Fund - SGF Transfer and EDIF Fund Transfer Request for FY2018 and FY2019
 - a. Spreadsheet attached and detailed documentation contained in separate link
2. Special Committee on Natural Resources – Interim Meeting on October 31st & November 13th
3. KWA Annual Report to the Governor and 2018 Legislature

Karma Mason (chair), Gary Harshberger, Brad Loveless, Randy Hazlett and Mark Fischer were present on the call along with agency and university representatives.

The Budget Committee was presented the KWA approved Enhancement Request for FY2018 and FY2019 that was submitted to the Division of Budget on September 15, 2017. A spreadsheet is included on the following page. A detailed description of each line item request is included as a separate attachment.

The Budget Committee was also made aware of the interim legislative Special Committee on Natural Resources meetings scheduled for Tuesday, October 31, and Monday, November 13. The topic will be water, value of water, water funding, and water projects. The Special Committee requested KWO to review:

- existing funding methods, rationale for funding methods and rates, arears in state contributions,
- 10 – 20-year prioritized list of project types and projected annual,
- relationships/coordination between agency programs,
- what effectiveness measurements are used to determine program, and
- how agencies measure success of their investments in ways that are quantifiable and understandable to legislators and the public.

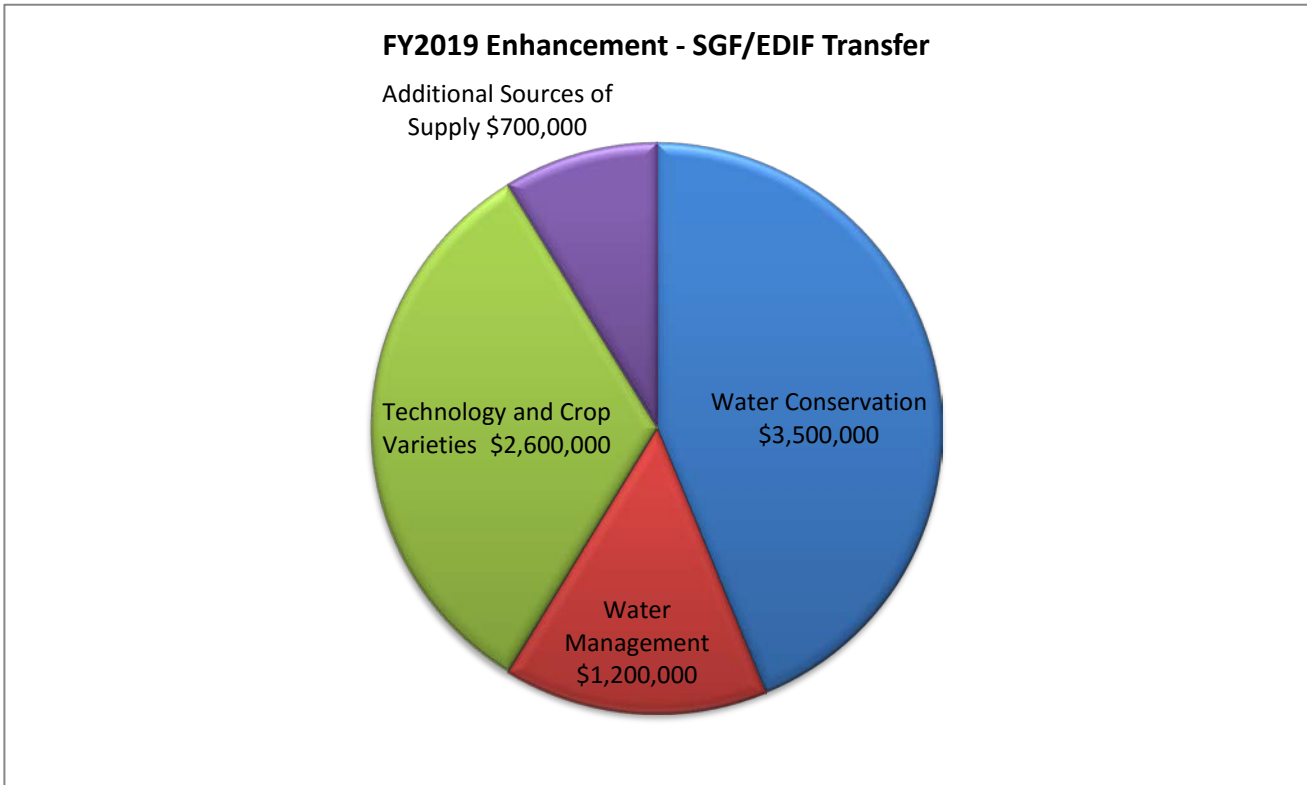
Other agencies and universities received similar requests. KWO will be reaching out to the other agencies and universities in an attempt to coordinate presentations. KWO will use the recommendations of funding needs provided to the Blue Ribbon Task Funding Force as the basis for the 10 – 20 year prioritized project type list. The full KWA will receive a briefing on the status of the Special Committee requests.

The Budget Committee reviewed the format for the budget submittal which categorized the enhancement requests under the major Water Vision themes of Water Conservation, Water Management, Technology and Crop Varieties and Additional Sources of Supply. The Committee agreed to propose utilizing this formatting for the KWA Annual Report to the Governor and Legislature. A draft table of contents for the Annual Report will be discussed at the October 10th KWA Conference Call as well.

Attachments (2)

Enhancement Request FY2018 & FY2019

State Water Plan Fund SGF/EDIF Transfer – FY2018 & FY2019			
		FY2018	FY2019
Water Conservation			
	Vision Strategic Education Plan	\$0	\$500,000
	Watershed Conservation Practice Implementation – BMP Team	\$0	\$1,800,000
	Milford Lake Watershed RCPP Project	\$200,000	\$200,000
	Streambank Stabilization	\$0	\$1,000,000
Water Management			
	Harmful Algae Bloom Pilot	\$400,000	\$500,000
	Contamination Remediation	\$0	\$400,000
	Interstate Water Compact Compliance	\$0	\$100,000
	Water Structures Inspections	\$0	\$200,000
Technology and Crop Varieties			
	Irrigation Technology	\$0	\$1,000,000
	Water Technology Farms	\$0	\$250,000
	Vision Implementation Research – Research Coordination Group	\$0	\$500,000
	Telemetry	\$0	\$850,000
Additional Sources of Supply			
	Waters Leaving the State Evaluation	\$0	\$200,000
	Equus Beds Chloride Plume Project	\$0	\$500,000
FY2018 & FY2019 Enhancement Request Total		\$600,000	\$8,000,000



MEMO



DATE: October 6, 2017
TO: Kansas Water Authority
FROM: Earl Lewis, Assistant Director
RE: Water Research Coordination

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At the August 2017 meeting in Pittsburg, KS, the Kansas Water Authority (KWA) discussed coordination of water research and the potential to have a committee of the Authority dedicated to that purpose.

In response to that request, staff met with representatives of each of the primary water research entities in Kansas and with the Kansas Water Research Institute Administrative Council. Many of the entities are represented on both groups.

There was consensus that with some minor revisions, the Administrative Council of the Kansas Water Research Institute (KWRI) could serve as the research coordination entity associated with and advisory to the KWA. The Director of the Kansas Geological Survey, the Director of the Kansas Biological Survey and the Director of the Agricultural Experiment Stations of Kansas State University, or their designees, currently serve on both the KWA and KWRI. Likewise, staff from Kansas Water Office, Kansas Department of Health and Environment and Kansas Department of Agriculture also serves on both bodies. To further improve connection between the two bodies, and increase transparency, we suggest appointment of two voting members of the KWA to the KWRI Council.

A description of the KWRI purpose and the role and membership of the Administrative Council is contained on the following pages.

Kansas Water Office staff recommends that the Kansas Water Authority adopt the Kansas Water Research Institute Administrative Council as the Research Committee of the Kansas Water Authority with the structure and purpose as outlined in the following pages.

Roles and Mission

The KWRI has two main roles: 1) to provide and facilitate a communications network among professionals working on water resources research and education; and 2) to support research and dissemination of results on high priority topics, as identified by the Kansas Water Authority.

The mission of the KWRI is to:

- develop and support research on high priority water resources problems and objectives, as identified through the state water planning process;
- coordinate water related research planning;
- promote dissemination of water related research results to policy makers, program staff and the general public;
- serve as a resource to policy and decision makers;
- advise Kansas Water Authority;
- facilitate effective communication amongst water resources professionals; and
- foster the dissemination and application of research results.

Planned Activities

Accomplishing the mission of KWRI is accomplished by doing the following (but not necessarily limited to only these things):

- Supporting research through a competitive grants program that encourages:
 - interdisciplinary approaches
 - interagency collaboration
 - scientific innovation
 - support of students and new young scientists
 - cost-effectiveness
 - relevance to present and future water resource issues/problems as identified in the State Water Plan
 - refereed publications
- Facilitating communication through seminars, conference, and/or electronic networks
- Fostering dissemination and application of results through conferences, briefings, white papers, and/or newsletters
- In implementing these activities, KWRI desires to:
- Be “proactive” rather than “reactive” in addressing the water resource problems of the state
- Involve the many water resources stakeholders in identifying research needs and utilize their input to prioritize the water resources research needs of the state
- Foster collaboration among state agencies, federal agencies, and institutions of higher education in the state on water resources issues
- Leverage additional financial support from state, private, and other federal sources
- Be recognized in Kansas as a major institution to go to for water resources research

Competitive Grant Process

September 1. The Administrative Council (see “Governance” below) meets to discuss and develop the prioritized list of research and technology transfer needs for the “Call for Proposals” and to revise “Call for Proposals” guidelines.

September 15. The Call of pre-proposals is issued.

November 15. Proposal submission due date.

December 15. Select successful projects. Project review panel will consist of members of the KWRI Administrative Council.

January 1. Deliver plan of work to USGS.

March 1. USGS issues contract/KWRI issues subcontracts.

KWRI Governance

Kansas State University is the legal entity that represents the Kansas Water Resources Institute to USGS, and the Director of KWRI, appointed by Kansas State University, is legally responsible for the management of KWRI. However, to be as inclusionary as possible in decision making, KWRI utilizes an Administrative Council composed of representatives from participating higher education or research institutions, state agencies, and federal agencies to assist the Director in policy-making for KWRI. The responsibilities of the Administrative Council are to:

- Participate in the general policymaking for KWRI
- Approve changes to the charter
- Approve the membership of the Council
- Serve a role in planning committee for the the Governor's Water Conference
- Establish the water research, priorities for Kansas and the KWRI, to be reflected in the annual Calls for Proposals
- Establish the technology transfer, educational, and communication priorities for KWRI
- Participate in the selection of projects to be funded
- Participate in the development of an annual plan of work and budget for KWRI
- Participate in raising additional financial support for KWRI
- The Administrative Council shall be composed of the following:
 - Director of KWRI
 - A representative from USGS
 - A representative of the Kansas Water Office
 - A representative of Kansas State University
 - A representative of the Environment Division - Kansas Department of Health and Environment
 - A representative from the Division of Water Resources - Kansas Department of Agriculture
 - A representative from USDA-NRCS
 - A representative from the Kansas Biological Survey
 - A representative from the Kansas Geological Survey
 - A representative of the University of Kansas
 - Others, as appropriate
 - Liaisons will also be identified from Emporia State University, Wichita State University, Pittsburg State University, and Fort Hays State University that will assist in networking their faculty into the KWRI.
 - Two voting members of the Kansas Water Authority
 - The Director of KWRI serves as Chairman of the KWRI Administrative Council.
- The Council meets not less than twice per year and as frequently as deemed necessary.

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