### **MEMO**

DATE: June 17, 2019

TO: Missouri RAC Members and Advisors

FROM: Kirk Tjelmeland

RE: June 27, 2019 Meeting



900 SW Jackson Street, Suite 404

Topeka, KS 66612 Phone: (785) 296-3185 Fax: (785) 296-0878

www.kwo.org

The next meeting of the Missouri Regional Advisory Committee will be held on Thursday, June 27, 2019 at 9:00 a.m. at the in the USD 409 Community Meeting Room, 626 Commercial, Atchison, KS 66002.

The Missouri mainstem reservoirs are holding a good deal of water and the release from Gavins Point is expected to remain high for months. Causing continued flooding issues up and down the river. At the June 27<sup>th</sup> meeting we'll have a couple presentations, one on a budget update, review of our RACs Goals and Action Plans and a look at the narrated PowerPoint. Hope to see you the morning of June 27<sup>th</sup>.

Enclosed please find the following meeting materials:

- Agenda
- April 25<sup>th</sup> Notes
- Budget Information
- KWA Memo on Vision
- RAC Goals and Action Plans
- Press Release

If you cannot attend, or have any questions or concerns regarding the meeting, please feel free to contact me at Kirk.Tjelmeland@kwo.ks.gov or by phone at 785-368-8149.





DATE: Thursday, June 27, 2019

**TIME:** 9:00 AM

USD 409 Meeting Room
LOCATION: 626 Commercial

Atchison, KS 66002

**AGENDA DETAILS** 

I. Welcome/Introductions

II. RAC Business

a. Review of the April 25<sup>th</sup> meeting notes

b. MO River Subcommittee Report

c. Ag Subcommittee Report

III. Update KWO on Budget - Earl & Jackie - KWO

IV. Review of RAC Goals and Action Plans - Tj - KWO

V. Update on RAC Membership

VI. Narrated PPT for Conservation District Meetings

VII. Other Issues or Agency Updates:

**VIII. Public Comments\*** 

IX. Upcoming Meetings:

a. KWA meeting, July 30-31, 2019, Goodland, KS

b. Next Missouri RAC meeting? (Sept./Oct.)

c. Adjourn

\*Public Comments are limited to 3-5 minutes and limited to issues related to regional goals, action plans or other water resource issues or concerns.



### Missouri Regional Advisory Committee Meeting Thursday April 25, 2019, 9:00 am USD 409 Community Meeting Room, 626 Commercial, Atchison, Kansas 66002

### **Members in Attendance:**

Name	City	Category	Term	Present
Carl Johnson (Chair)	Leavenworth, KS	Conservation/Environment (cc)	2019	Yes
John Bishop	Atchison, KS	Recreation	2019	Yes
Neil Coufal	Troy, KS	At Large Public (cc)	2021	Yes
Stephen Glaser	Atchison, KS	Industry/Commerce (cc)	2019	Yes
Jeffrey Grossenbacher	Bern, KS	Agriculture (cc)	2019	Yes
Chris Griffin	Troy, KS	WRAPs	2021	Yes
Alan Kelley	White Cloud, KS	Iowa Tribe of Kansas and NB	2019	No
Joel Mahnken	Leavenworth, KS	Public Water Supply (cc)	2021	Yes
Brett Neibling (VC)	Highland, KS	Agriculture 2	2019	No
Darcy Nightingale	Hiawatha, KS	Agriculture Industry	2021	Yes
Bill Shroyer	Sabetha, KS	Public Water Supply 2	2019	No
Luke Terry	Robinson, KS	Fish and Wildlife	2021	Yes
Michelle Wirth	Kansas City, KS	Public Water Supply 3	2021	Yes

#### Others in attendance:

Name	Town	Representing
Mike Dulin	KC	USACE
Jud Kneuvean	KC	USACE
Ginger Harper	Topeka	USACE
Marcus Clem	St. Joe	St. Joe News Press
Eula M. Morrow	MO	Self
Ben Hircfhl	MO	Self
May Meyers	Atchison	Atchison Globe
Travis Sieve	Topeka	KDHE
Margaret Chemas	Troy	KSU Extension
Kent Askren	Topeka	KFB
Chris Beightel	Manhattan	KDA-DWR
Allen Larson	Effingham	NRCS
Jake Geiger	Troy	Self
Earl Lewis	Topeka	KWO
Cara Hendricks	Lawrence	KWO
Nate Westrup	Topeka	KWO
Katie Ingles	Holton	KWO
Kirk Tjelmeland	Topeka	KWO

Membership: Carl Johnson, Chair, Leavenworth, KS; John Bishop, Atchison, KS; Neil Coufal, Troy, KS; Stephen Glaser, Atchison, KS; Jeffery Grossenbacher, Bern, KS; Chris Griffin, Troy, KS; Alan Kelley, White Cloud, KS; Joel Mahnken, Leavenworth, KS; Brett Neibling, Highland, KS; Darcy Nightingale, Hiawatha, KS; Bill Shroyer, Sabetha, KS; Luke Terry, Robinson, KS; Michelle Wirth, Kansas City, KS KWO Planner: Kirk Tjelmeland, 785-368-8149; Kirk.Tjelmeland@kwo.ks.gov



- I) Welcome and Introductions: Carl started the meeting at 9:00 am, with self-introductions starting with the RAC members and then everyone else in the room.
- II) Update on Missouri River Flooding: Earl framed this discussion with three questions: what is the extent of the current levee damage and estimated recovery time, current flood management strategies and future flooding projections. He then introduced Jud Kneuvean from the Kansas City District. Jud delivered this discussion with some assistance from Mike Dulin. The presentation is available here. Jud gave the group a little perspective on the Kansas City District and that it covers nearly ¼ of the contiguous US. He moved right into the runoff events from Mach 13-15<sup>th</sup> stating that the Platte and Niobrara Rivers were contributing over 100,000 cfs each to the Missouri River during this period with higher undocumented peaks. The Corps had people on the ground assisting with sandbags, pumps and HESCO barriers and aerial reconnaissance. Jud said currently there are 64 levee breaches and that 350 miles of levees sustained some sort of damage, with 200,000 acres inundated in MO and about 12,000 inundated in KS. Repairs will take time and will be costly, at least a couple years to rebuild and possibly \$50 million which has to come from congress. Temporary measures are being taken right now to close the breaches however some of the holes are massive, 60-80' deep. It was asked if I-29 was still closed and it is and will remain so for probably a couple of weeks. He showed some pictures of the flooding and levee breaches, federal levees are designed for 100 year floods and local levees are designed for a 5-10 year flood. Carl asked if the floods are more frequent and intense than the 100 year flood design. Jud thought that inflows were trending upward and more sporadic however the levees can only be built back to preexisting conditions. Gavins point will continue to release 55,000 cfs until necessary water is passed through the system, unless downstream flooding becomes an issue. Jud added there is a good portion of the Missouri River watershed that is uncontrolled. The mountain snowpack is a little above normal and will be passing through the system shortly. There was talk of the cost of rebuilding the levees and that there is a 20% local match either in-kind or cash which could be difficult to generate in some areas. Jud mentioned that there seems to be more loading (water on levees) which is partially attributed to roughness of the river and the speed of the conveyance of water downstream. He thought the damage suffered in this flooding is similar to 1993.
- **III) Break:** There was a short break with multiple side conversations taking place about the Missouri River flooding.

#### **IV)** Comments on the April KWA Meeting in Abilene:

- a. RAC Membership Carl mentioned the plan to have all current members of the RAC whose term is expiring in June fill out a new application. These applications will be reviewed by the RAC Operations Committee and appointments made at the July Water Authority meeting. We are short a couple applications for existing members and there has been one non-member application submitted. The application is available on the Kansas Water Office (KWO) website and members were encouraged to solicit some additional people to apply.
- **b.** Water Vision/Water Plan Carl led this discussion stating that this is an opportunity to review the Vision, it has been 5 years since it was drafted. Tj added there has been a tentative schedule



laid out to review the Goals and Action Plans. Each RAC will review these and at the next meeting looking at places where progress has been made or not and making adjustments. There will also be public meetings associated with this to provide more input with the entire process being wrapped up in a year. The Goals and Action Plan will be sent out prior to the next meeting for members to review and be ready to contribute at our next meeting.

### **V) RAC Business:**

- **a.** The February 12<sup>th</sup> meeting notes were reviewed and accepted as written.
- b. The MO River Subcommittee: Michelle asked about possible FEMA funding due to the flooding, Earl stated that this event didn't reach the established threshold. She went on to report that the MRRIC celebrated its 10 year anniversary at the KC meeting in November. The committee is looking at the Interception-rearing complexes (IRCs) effectiveness and also the flow rate at Ft. Peck that will be completed by 2020. There are two retirements off of the committee and they have no replacements yet. Michelle stated the recent flooding affected 13 utilities along the river, limiting access to facilities and causing increase raw treatment with low Alkalinity during the flooding. She also mentioned that Atchison was affected with a boil water order but wasn't sure what other communities were.
- c. The Ag Subcommittee: Jeff stated that the recent flooding has caused considerable damage to farmers along the river with the loss of uninsured grain and the bins in which it was stored in. Producers won't be able to get a crop off of the ground this year and they can't get flood insurance until the levees are rebuilt. The impact to Kansas producers was far less than to Missouri or Iowa producers.
- VI) **Update on Irrigation in the Region:** Darcy Nightingale gave a presentation on new irrigation technology which can be found here. He mentioned there is a good deal of information out there, example the KWO website. He added the platform his company uses is AgSense and that recent technology has producers being able to use their phone to control every phase of their irrigation and access necessary data. Darcy said there is a different mindset for eastern producers since they don't have the history with irrigation, they want the technology to make the system work for them. The systems they are using can have their own weather station or can grab information from other local stations to help make irrigation decisions. The system looks at historical data and help make management decisions for the future improving the producer's bottom line. A Veris Topsoil is used to set the application rates for each degree of the pivot, this is a standard feature allowing proper water application. A Full Zone VRI splits the circle into 1,800 individual blocks that the system can apply water to individually however this more costly, \$20-\$30,000. Producer may not be using less water but is using what they have more efficiently. The return on investment for these systems when commodity prices where high was 2 to 3 years now it is 7 to 8 years. His company is working towards artificial intelligence, using flight imagery of crop growth patterns showing anomalies which could be a plugged nozzle or a flat tire. Darcy pulled up some continuous well monitoring to show that irrigation wells were not impacting a public water supplier. Chris asked about putting well data together so you could get a better picture and Darcy said that can be done. Carl asked about the use of soil moisture probes and Darcy said they have producers that use them but they usually apply water to meet the needs of the driest probe.



- VII) Update on the Budget: Earl Lewis walked the group through a spreadsheet with the FY2020 Governor's recommendations and the Conference Committees recommendations which can be found here. The legislators didn't pass a budget before they left and so when they come back in May this is one of the items they must tackle. The spreadsheet is broken down by agency. The Kansas Department of Health and Environment (KDHE) the concern is drinking water supply so the Conference Committee added nearly \$750,000 to the Governor's recommendations. For the Kansas Department of Agriculture (KDA) the areas of concern were Water Resource Cost Share, Aid to Conservation Districts, and retirement of water rights through CREP and Hemp research with nearly \$800,000 added to the Governor's budget recommendations. The KWO budget remained the same but \$200,000 was moved to another line to help cover the cost of the Kansas River Reservoirs Flood and Sediment Study. This \$3 million project is a 3 to 5 year study with a 25/75 match that has just been launched. KWO's portion of the study is \$750,000 which wasn't budgeted for in FY2020. Legislators have committed to keeping the \$3.25 million in the budget they provided last year. During the June RAC meeting more information will be relayed on the budget as we move forward.
- VIII) Other Issues or Agency Updates: Chris Griffin started the discussion noting that we didn't receive the Conservation Collaboration Grant (CCG) for the Doniphan Co. Water Quality Technology Farm. In the letter from the NRCS it was mentioned that this would be a good application for a Conservation Innovation Grant (CIG) so the group will consider this. Chris wanted to also make sure we keep the MO RAC presentation at the Annual Conservation District meetings at the top of the list of things to do. She also mentioned that the DP Co. Conservation District is looking to use some of its WRAPS money for cover crops on the land devastated by the recent flooding. Travis Sieve (KDHE) said they are going to put \$5,000 into cover crops in the area. Travis also mentioned there were 9 public water supplies that had a boil water order in place during this last round of Missouri River flooding.
- **IX) Public Comments:** There were no comments.
- **X)** Upcoming Meetings:
  - **a. KWA meeting, July 30-31, 2019, Goodland, KS** Tour of a Water Quality Tech Farm on the first day with involvement from Northwest Tech College and their efforts.
  - b. Next Missouri RAC meeting Thursday, June 27th 9-noon, USD 409 meeting room
  - c. Meeting adjourned at 11:30 am

### **MEMO**

DATE: May 24, 2019

TO: Regional Advisory Committees FROM: Earl Lewis, Acting Director

RE: State Water Plan Fund Budget Recommendations



900 SW Jackson Suite 404

Topeka, KS 66612 Phone: (785) 296-3185 Fax: (785) 296-0878

www.kwo.org

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

		FY2018		FY2018 Carry		FY2019	FY2019 w/carry			FY2020
EXPENDITURES		Actuals		Forward	A	ppropriated		forward	A	ppropriated
Department of Health and Environment										
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
SUBTOTALKDHE	\$	1,656,602	\$	31,332	\$	2,453,515	\$	2,484,847	\$	3,200,422
Department of Agriculture										
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	*	,	*	20,0.0	\$	100,000	\$	100,000	\$	100,000
Crop and Livestock Research					Ψ	. 00,000	Ψ.	.00,000	\$	350,000
Hemp Research					\$	100,000	\$	100,000	Ψ	000,000
Sorghum Crop Research					\$	150,000	\$	150,000		
Streambank Stabilization					\$	500,000	\$	500,000	\$	500,000
SUBTOTALKDA	\$	6,887,534	\$	1,101,146	\$	9,046,614	\$	10,147,760	\$	9,824,087
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Kansas Water Office	_	44004=	_	4.47.070	_	450.000	•			<b>700.000</b>
Assessment and Evaluation	\$	446,047	\$	147,976	\$	450,000	\$	597,976	\$	700,000
GIS Database Development	\$	50,000	\$	-	\$	-	\$	-		440.000
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	\$	-	\$	-	\$	-		
SUBTOTALKWO	\$	2,692,002	\$	487,195	\$	3,333,130	\$	3,820,325	\$	3,333,130
University of KansasGeological Survey	\$	26,841	\$	26,841	\$	26,841	\$	26,841	\$	26,841
State Employee Pay Plan									\$	37,935
Total State Water Plan Expenditures	\$	11,262,979	\$	1,646,514	\$	14,860,100	\$	16,479,773	\$	16,422,415

	FY2018	FY2018 Carry		FY2019	F'	/2019 w/carry	FY2020
REVENUE	Actuals	Forward	A	ppropriated		forward	Projected
Beginning Balance	\$ 718,547		\$	2,197,007	\$	2,197,007	\$ 521,409
Transfers and Adjustments							
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)
SUBTOTALAdjustments	\$ 822,438	\$	\$	2,017,829	\$	2,017,829	\$ 3,273,461
Receipts							
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
SUBTOTALReceipts	\$ 11,919,001	\$ -	\$	12,786,346	\$	12,786,346	\$ 12,627,545
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
Ending Balance	\$ 2,197,007	\$ -	\$	2,141,083	\$	521,410	\$ 0

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

FY2021 Funding Requests by Vision Categories

						Wa	ter Conservation
Eundina	Requesting			FY2020 egislature		FY2021	
Agency	Agency	Description		Approved		Agency Request	Explanation and Justification
							To protect water supply storage and improve water quality in reservoirs across Kansas that provides water to municipal and
KWO	KWO	Watershed Conservation Practice	\$	700,000	\$	1,800,000	industrial customers through implementation of watershed conservation practices within Vision priority watersheds.
							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
KWO	KWO	Milford Lake Watershed RCPP	\$	200,000	\$	200,000	nutrient loading contributing to the formation of HABs in Milford Lake.
							Raise awareness of water issues within the state and increase the knowledge of those working within water-related careers.
KWO	KWO	Vision Education Strategy	\$	100,000	\$	250,000	Partnering State Agencies: KDA, KDHE, KDWP&T, and KWO
							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
KDHE	KDHE	Watershed Restoration and Protection	\$	730,884	\$	730,884	citizen and stakeholder input and participation on watershed management and protection issues.
							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
KDA	KDA	Non-Point Source Pollution	\$	1,857,836	\$	2,157,836	positions in partnership with NRCS (\$200K) without having to reduce Cost-Share funds.
							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
KDA	KDA	Riparian and Wetland	\$	154,024	\$	404,024	Impairment.
							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
KDA	KDA	Water Resource Cost Share	\$	2,448,289	\$	2,948,289	conservation district boards and landowners accomplish water quality and quantity goals.
							To meet needs in unfunded dam construction (3 new sites: Marmaton WJD 102, Allen Creek WD 89 and Mill Creek WD 98)
***	****	W. 115 G		550.000		4 450 000	and rehabilitation of 8-10 existing flood control dams. State cost-share for New Construction and Rehabilitation are capped at
KDA	KDA	Watershed Dam Construction	\$	550,000	\$	1,450,000	\$120,000 per site per district.
							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,
KDA	KDA	CREP	\$	299,745	\$	699,745	
							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
KDA	KDA	Water Quality Buffer Initiative	\$	200,000	\$	200,000	
							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
IZD A	IZD A	Grand and Gradult artists	ф	500.000	ф	1 500 000	all 3 of the priority watersheds. Current estimated cost of completion for these 22 projects is approximately \$3,750,000.
KDA	KDA	Streambank Stabilization	\$	500,000	\$	1,500,000	
							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
KDA	KDA	Water Transition Assistance Program			\$	200,000	Forever and other interest groups to reduce pumping and increase recharge in targeted areas.
							Funding for three (\$300,000) Water Conservation Specialists. Two working in Garden City. One working in Stockton.  These positions promote monitor and conduct the technical work of the
		Water Conservation Specialists					These positions specialize in WCAs and LEMAs. These positions promote, monitor and conduct the technical work of the
ND V	KDV	Water Conservation Specialists Subbasin Water Resources Mgmt			\$	200,000	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			Þ	300,000	To support, coordinate and supervise water conservation specialists in the field offices by performing targeted outreach and
KDA	KDA	Subbasin Water Resources Mgmt			\$	125.000	promotion for WCAs and LEMAs. Cost includes travel.
13.071	110/1	0	otal \$	7,740,778	-	12,965,778	promotion for the land 222.71 to Cost metados turies.
		Sub-1	otal 🦻	7,740,778	Ф	12,905,778	

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

FY2021 Funding Requests by Vision Categories

						Wa	ter Management
				FY2020		FY2021	
	Requesting			egislature		Agency	
Agency	Agency	Description		Approved		Request	Explanation and Justification
							Day V. S. A. 920, 2101. Not less than 150/ of the Clean Drinking Weter Easthall be used for technical assistance to untur users
							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
KWO	KIWO	T. 1 1 A	ф.	225 000	¢.	425.000	
KWO	KWO	Technical Assistance to Water Use	ers \$	325,000	\$	425,000	environmental protection agency and rules and regulations of the department of health and environment.  Investigate and demonstrate in-lake treatment options such as ultrasound, superoxide or other chemical treatments in
KDHE	KDIE	II CIAI DI DI	ф	450,000	ф	450,000	Reservoir. The objective is to assess the effectiveness of such treatment options at minimizing the impact of Harmful Algae
KDHE	KDHE	Harmful Algae Bloom Pilot	\$	450,000	\$	450,000	Blooms (HABs).
							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
KDHE	KDHE	TMDL Initiatives	\$	278,029	\$	278,029	as the water quality standards program.
							Provides enhanced water management by conducting hydrologic analyses at the subbasin level, developing decision support
KDA	KDA	Subbasin Water Resources Mgmt	\$	608,949	\$	608,949	information and products, and performing enhanced water right protection through enforcement.
							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
KDA	KDA	Interstate Water Issues	\$	490,007	\$	490,007	represent Kansas's interest.
							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
KDA	KDA	Water Use Study	\$	72,600	\$	72,600	independent quality control on the water use data.
							To maintain and enhance conservation district operations by addressing annual inflationary costs. This enhancement provides
KDA	KDA	Aid to Conservation Districts	\$	2,192,637	\$	2,492,637	opportunities for matching by county governments as per K.S.A. 2-1907b.
		Interstate Water Engineer					
KDA	KDA	Interstate Water Issues			\$	100,000	To enhance the existing interstate team to help administer and enforce the Kansas-Colorado Arkansas River Compact.
							Purchase equipment to replace aging and deteriorating water pressure transducers, rate loggers, data loggers, and telemetry.
		Real-Time Water Mgmt - telemetr	y				Would be same equipment as KGS uses to bring consistency to mutual data collection efforts and economy of scale for
KDA	KDA	Subbasin Water Resources Mgmt			\$	125,000	maintenance.
		DWR Application Specialist					
KDA	KDA	Subbasin Water Resources Mgmt			\$	85,000	Programmer that will work on WRIS, WRIS Mobile, WSI, and GIS-related applications.
		Public Access to Water Right Info				,	To preserve and provide comprehensive public access to water right information by scanning existing paper files and making
KDA	KDA	Subbasin Water Resources Mgmt			\$	150,000	them electronically accessible through online services
-12.1		Zama da sa maren area d	Sub-Total \$	4,417,222	¢	5,277,222	and the second s
			Sub-Total \$	4,417,422	Ф	3,411,444	

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

FY2021 Funding Requests by Vision Categories

					Technol	ogy and Crop Varieties
			1	FY2020	FY2021	
<b>Funding</b>	Requesting		Le	egislature	Agency	
Agency	Agency	Description	A	Approved	Request	Explanation and Justification
						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
KWO	KWO	Water Technology Farms	\$	75,000	\$ 250,00	Farms.
						Support the continuous monitoring of streamflow's on key streams and rivers in Kansas, to determine flood stages for various
KWO	KWO	Streamgaging	\$	423,130	\$ 430,00	streams and to help forecast when and where streams will crest during floods.
						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
KWO	KWO	Reservoir & Water Quality Research	\$	350,000	\$ 350,00	continuation of the Kansas River Alluvial Index Well Network and the associated stream aquifer model.
KDA	KDA	Crop and Livestock Research	\$	350,000	\$ 350,00	Work on research projects as identified by industry. See below for some current ideas.
						To increase the implementation of practices that aid in the conservation of surface and ground water through the adoption of
KDA	KDA	Irrigation Technology	\$	100,000	\$ 200,00	irrigation technology such as automated soil moisture probes, remote sensing units and mobile drip irrigation systems.
		Sub-Total	\$	1,298,130	\$ 1,580,00	

	Additional Sources of Supply										
				FY2020		FY2021					
Funding	Requesting		L	Legislature		Agency					
Agency	Agency	Description	A	pproved		Request	Explanation and Justification				
							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				
KWO	KWO	Assessment & Evaluation	\$	700,000	\$	700,000	and studies.				
	Operation and Maintenance costs associated with reservoir water storage paid to the Corps of Engineers for water supply for										
KWO	KWO	MOU - Storage Operation & Maint.	\$	410,000	\$	480,100	storage not yet dedicated to a water marketing customer or water assurance district.				
						WID injects water in the bottom of the reservoir, creating hereby density currents which are capable of transporting large					
KWO	KWO	Water Injection Dredging (WID)			\$	1,500,000	amounts of sediment. The sediments are sluiced out of the reservoir.				
							Call into service storage not needed for water quality purposes in Milford & Perry Reservoirs. This is currently shown as an				
KWO	KWO	Future Use Storage Purchase			\$	2,358,300	unfunded liability with a end of contract balloon payments in 2034 and 2041, respectively.				
							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				
KWO	KWO	Equus Beds Chloride Plume Project	\$	50,000	\$	100,000	wells around areas of chloride contamination.				
							Evaluation, monitoring, and remediation of contaminated soil and groundwater sites when the responsible party is unknown				
KDHE	KDHE	Contamination Remediation	\$	1,088,301	\$	1,088,301	or is unable to undertake the necessary action.				
							The program purpose is to insure all Kansas communities have a source of clean, healthy, affordable drinking water by				
KDHE	KDHE	Drinking Water Protection	\$	350,000	\$	350,000	planning and implementing strategies to prevent and mitigate contamination.				
							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				
		Water Structures Professional Engineer					of conflicts and communication with landowners, contractors and other engineers. This position would ensure that succession				
KDA	KDA	Interstate Water Issues			\$	100,000	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.				
		Sub-Total	\$	2,598,301	\$	7,141,701					

FY2020 FY2021
Approved Requested

Total \$ 16,054,431 \$ 26,964,701

### **MEMO**

DATE: April 15, 2019

TO: Kansas Water Authority

FROM: Earl Lewis

RE: Vision and the Kansas Water Plan



900 SW Jackson Street, Suite 404

Topeka, KS 66612 Phone: (785) 296-3185 Fax: (785) 296-0878

www.kwo.ks.gov

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 accompanying concept paper further describing this process is included within meeting mailing materials.

Additional information on this process will be shared with the full KWA at future meetings.

This is for informational purposes only. No Kansas Water Authority action necessary at this time.

	Action	Step	Goal		Status	2019 Update
N	lissouri REGIONS					
	Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region  Any and all available information about groundwater quality and quality will be collected and compiled.	N/A	#1	#3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
	Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region  Digital database from the collected historical and online existing data would be constructed.	N/A	#1	#3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
	Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region	N/A	#1	#3	Complete	Part of Phase II it to recheck the accuracy of this map
	Digital maps of updated bedrock surface topography, saturated aquifer thickness, pre-glacial drainage ways, water use, and groundwater quality from digital databases would be prepared					
	Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region	A determination of groundwater in storage and groundwater quality conditions in the glacial,	#1	#3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
	An assessment report would be prepared that includes:	alluvial and bedrock aquifers in the area.				

Action	Step	Goal	Status	2019 Update
Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region	A determination of the greatest needs for collection of additional data.	#1 #3	Complete	Phase I report documented the need additional data collection to make decisions
An assessment report would be prepared that includes:				
Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region  An assessment report would be prepared that includes:	Recommendations on the need for, and number and location of wells to allow for well level and quality monitoring on a continuing	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
	basis.			
Evaluate what is known about groundwater quantity and quality in glacial, alluvial and bedrock aquifers in the Missouri Region	N/A	#1 #3	Complete	This Phase I was completed by KGS
This phase would be conducted by the KGS for at a cost of \$50,000. The work would take 12 months, beginning August 2017.				
Collection of additional data and re-evaluation of groundwater information	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of
Based on needs as determined in the evaluation phase, obtain a scope of work on collection of additional data that would improve the characterization of the glacial, alluvial and bedrock aquifers. Main expected field activities would include: drilling, hydraulic testing, and groundwater sampling and analysis.				the project
Collection of additional data and re-evaluation of groundwater information	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of
Enter new data into databases developed in the evaluation phase.				the project

Action	Step	Goal	Status	2019 Update
Collection of additional data and re-evaluation of groundwater information  Re-evaluate groundwater recharge estimates at a more detailed scale than the currently available potential annual recharge estimates based on soils.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
Collection of additional data and re-evaluation of groundwater information  Combine existing and new data to establish safe groundwater yields and a groundwater quality baseline.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
Collection of additional data and re-evaluation of groundwater information  On the basis of future climate and water usage conditions, establish a plan to periodically update safe yield estimates of groundwater resources.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
Collection of additional data and re-evaluation of groundwater information  This phase would be a minimum of 18 months, as determined in the evaluation phase. Cost would be determined in Phase 1.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
Maintain and Improve groundwater quality conditions  Evaluate groundwater quality protection practices based on needs as determined in the assessment.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
Maintain and Improve groundwater quality conditions  Within 3 years after the baseline is established, a plan to implement best management practices will be developed to maintain and improve existing conditions.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project

Action	Step	Goal	Status	2019 Update
Ongoing monitoring and evaluation  Expand groundwater level monitoring wells as determined during Assessment phase.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
Ongoing monitoring and evaluation  Monitoring and reevaluation of groundwater quality conditions should continue at 5 year intervals.	N/A	#1 #3	In Progress	Year one of Phase II has been completed and 5 wells have been located and equipped with monitoring devices and a web page built to display the information being collected
Collect data on a voluntary basis to evaluate the benefits of tile outlet terrace systems within the Missouri Region. Prior to proposing any design changes to outlets of tile terraces in the Missouri Region, conduct research on cropland field input amounts (rates, dates applied, how it was applied, etc.) and collect water samples to evaluate the water runoff into the streams in the region. Collect data working with interested local landowners with assistance of area conservation districts, Kansas Department of Health and Environment (KDHE), Natural Resources Conservation Service (NRCS) and other existing agencies. Collection sites will be: tile terrace runoff, waterway runoff, land with no conservation work or no conservation tillage, and land with no conservation work but using no-till.	N/A	#2	In Progress	Ted Peltier is nearing completion of his EPA Tile Outlet Terrace work and will present to the RAC later this year
Collection of Additional Data  Collect data on the benefits of capturing and reusing water on a producer's property.	N/A	#2	In Progress	Darcy Nightingale gave a presentation to the RAC on the use of ponds/construction as an irrigation source and the variety of irrigation technology available

Action	Step	Goal	Status	2019 Update
Collection of Additional Data  Gather existing information on the impact of extreme events (droughts and floods) on water quality and availability of water resources into the future in the Missouri Region.	N/A	#2	In Progress	Jud Kneuvean of the Kansas City District of the Corps of Engineers gave a presentation on current Missouri River Flooding, damages, rebuilding process and flood frequency
Collection of Additional Data  Assess what other interest groups, agencies and individuals locally and from states with similar topography and precipitation (Iowa, South Dakota, Nebraska, and Missouri,) can provide on alternative projects that could contribute to water quality in the Missouri Region.	N/A	#2	Continuous	Continue to have local group present at RAC meetings on their water issues. Reach to other states and get a representative to present at an upcoming RAC meeting
Implementation  Support and encourage implementation of the best management practices (BMPs) in the adopted 9-Element Plan. Those BMPs are: No-till, cover crops, grassed and forested buffers, convert steep slopes, sediment basins, pasture management, nutrient management, livestock waste management, alternative watering supplies, streambank stabilization, onsite wastewater system repair, urban lawn management, pet waste management. The Plan should be updated every 5-years.	N/A	#2	In Progress	The Healthy Watersheds grant was not funded
Implementation  Focus on finding local volunteers that are willing to adopt and promote new practices, including streambank stabilization.	N/A	#2	In Progress	The Doniphan County Water Quality Tech Farm has been given the go ahead. Chris, RAC member, has secured funding for first year soil and water sampling

Action	Step	Goal	Status	2019 Update
Implementation  Ensure the value of maintenance of BMPs is understood to allow BMPs to have the desired long term effects, through education and outreach.	N/A	#2	Continuous	Multiple presentations by RAC members at annual Conservation District meetings.
Implementation  Recognize the value of protection of water quality through education and outreach.	N/A	#2	Continuous	Multilple presentations by RAC members to a wide variety of audiences
Implementation  Prevent sedimentation by using existing cost - share programs through the Kansas Department of Agriculture, Division of Conservation (DOC); KDHE; and NRCS, to fund conservation practices in the Missouri Region.	N/A	#2	In Progress	A Doniphan County RCPP was developed to help prevent sediment from leaving fields and moving onto county roads, entering second year of RCPP
Implementation  Continue to use the NRCS for technical assistance on implementation practices suited to the unique topography of the Missouri Region.	N/A	#2	In Progress	One of the RAC member works out of the NRCS office and keeps the group well informed
Implementation  Prioritize the existing ranking systems from agencies, to secure funding for protecting water quality and water supply in the Missouri Region.	N/A	#2	Not Started	
Implementation  Raise awareness about water quality and the importance of proper urban lawn application.	N/A	#2	Continuous	Presentations at Annual County Conservation District meetings made mention of this

	Action	Step	Goal	Status	2019 Update
	Monitoring  Determine if additional monitoring sites are needed to better characterize and prioritize project priorities in the Region.	N/A	#2	In Progress	Year one of Phase II has been completed and these issues will be addressed over the next 4 years of the project
	Funding Needs  To ensure water quality is maintained and improved, the state should fully fund the Kansas Water Plan for implementation of best management practices through programs of the DOC, KDHE and others as needed.	N/A	#2	In Progress	Presentations at Annual County Conservation District meetings made mention of this
	Funding Needs  Ensure continued and improved coordination with the NRCS to access and make the best use of funding for priority projects for water quality protection in the Region.	N/A	#2	In Progress	RAC member that works in local NRCS continues to advocate for water quality protection in the Missouri Region
•	Funding Needs  Assess possible involvement of other agencies, businesses and interest groups to determine interest and possible funding of water quality projects in the Region.	N/A	#2	Other	BOR WaterSmart Grant for DP County, wasn't approved
	Funding Needs  Continue to ensure that funding from the Clean Drinking  Water Fee Fund for technical assistance for small public  water supply systems is maintained at least at the current level.	N/A	#2	Not Started	
	Funding Needs  Include funding for streambank stabilization projects as identified in the WRAPS 9 Element Plan.	N/A	#2	Not Started	There are no targeted priority areas in the Missouri Region

Action	Step	Goal	Status	2019 Update
Funding Needs  Fully fund the 9-Element Plan implementation (approximately \$140,000/year).	N/A	#2	Continuous	KDHE reorganized WRAPS so the potential to address the needs is a little uncertain right nos
Funding Needs	N/A	#2	Not Started	
Develop a funding strategy within the next year for additional data collection and implementation as identified above in a phased manner in conjunction with DOC, NRCS, and KDHE and others as appropriate. Funding needs will then be reviewed on an annual basis and brought to the KWA.				



900 SW Jackson Street, Suite 404

Topeka, KS 66612

Phone: (785)-296-3185

Fax: (785)-296-0878

www.kwo.ks.gov

Earl Lewis, Acting Director

Laura Kelly, Governor

Meeting Notice: June 17, 2019

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



### **Missouri RAC Meeting in Atchison**

June 27, 9 a.m., in the USD 409 Community Meeting Room

The Kansas Water Office's (KWO) Missouri Regional Advisory Committee (RAC) will meet to discuss current water issues affecting the region as well as the state.

The meeting will be Thursday, June 27, at 9 a.m., in the USD 409 Community Meeting Room, 626 Commercial in Atchison, Kansas. The RAC will get an update on the budget process for the upcoming fiscal year and review the Goals and Action Plans for the Region.

The agenda and meeting materials will be available at <a href="www.kwo.ks.gov">www.kwo.ks.gov</a> 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.

Note to Editor: The Americans with Disabilities Act, (42 U.S.C. 12101) requires the Kansas Water Office to print the reasonable accommodations messages.

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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.