



Water Office

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MEMO

DATE: July 28, 2021
TO: Smoky Hill-Saline Regional Advisory Committee Members
FROM: Keadron Pearson
RE: August 04, 2021 GoTo Meeting and Conference Call

The Smoky Hill-Saline Regional Advisory Committee (RAC) will be having a GoTo Meeting and conference call on **August 04, 2021 at 12:00 PM (CDT)**. Call-in details are below.

Join the meeting from your computer, table, or smartphone:

<https://global.gotomeeting.com/join/186546269>

Join by phone:

Dial: 1-571-317-3122

Access Code: 186-546-269

The main agenda item is discussion of the RAC's budget input for consideration by the Kansas Water Authority (KWA) in the State Water Plan Fund FY 2023 KWA budget recommendation development process.

Enclosed are the materials for the August 04, 2021 Meeting:

- Agenda
- Meeting notes from the April 2021 Meeting
- 2020 Smoky Hill-Saline RAC Budget Discussion Information from last year
- 2020 Smoky Hill-Saline RAC Message to the KWA for SFY 2022 Budget Recommendations
- Smoky Hill-Saline RAC Draft Goals & Actions Plan
- Smoky Hill-Saline RAC Membership Table

If you cannot participate, or have any questions or concerns regarding the meeting, please contact me by telephone at (620) 765-7489 or by e-mail at Keadron.Pearson@kwo.ks.gov.



**SMOKY HILL - SALINE
REGIONAL ADVISORY COMMITTEE
MEETING AGENDA**

DATE: August 04, 2021
TIME: 12:00 PM (CDT)
LOCATION: GoTo Meeting ([Meeting Materials](#))

Join the meeting from your computer, table, or smartphone:

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Enter access code: 186-546-269

AGENDA DETAILS

- I. **Welcome and Introductions** – RAC Chair
- II. **Review of Agenda** – RAC Chair/Members
- III. **Review of April 2021 Meeting Notes** – RAC Chair/Members
- IV. **Updates**
 - a. **Kansas Water Authority (KWA)** – KWO Planner
 - b. **Kansas Water Office** – KWO Planner
- V. **Regional Activities**
 - a. **Budget Discussion & Recommendations** – RAC Chair/Members
Recommendations to send to the KWA on the State Water Plan Fund
- VI. **Other Business** – RAC Chair
 - a. **Agency Reports**
 - b. **Public comments**
 - c. **Questions and Future Agenda Items from RAC Members**
 - d. **Messages to the KWA**
 - e. **Future Meetings**
 - i. Kansas Water Authority: August 17
 - ii. Governor's Water Conference: November 16-18

Note: underlined items are action items for RAC

Smoky Hill-Saline Regional Advisory Committee Meeting

10:00 AM (CST), Tuesday, April 20, 2020

GoTo Webinar/Conference Call

Member Attendance:

Name	City	Category	Term	Present
Bevin Law (Chair)	Longford, KS	Conservation	2021	Yes
Holly Dickman (Vice-Chair)	Hays, KS	Large Public Water Supply	2023	Yes
Daniel Baffa	Salina, KS	Conservation/Environment	2021	Yes
Tom Lutgen	Salina, KS	Industry/Commerce (cc)	2023	No
Chris Meyer	Sylvan Grove, KS	Agriculture (cc)	2023	No
Tim Sanders	Chapman, KS	Agriculture 2	2021	Yes
Timothy Scheck	Russell, KS	Industry/Commerce 2	2021	No
Baron Shively	McPherson, KS	Conservation/Environment 2	2023	No
Brad Shogren	Lindsborg, KS	Irrigation	2021	Yes
Martha Tasker	Salina, KS	Public Water Supply (cc)	2023	No
Jon Quinday	Russell, KS	At Large Public 2	2023	Yes
VACANT	VACANT	At Large Public (cc)	2021	N/A
VACANT	VACANT	Small Public Water Supply	2023	N/A

Others in attendance:

Name	Affiliation
Keadron Pearson	KWO
Josh Olson	KWO
Kirk Tjelmeland	KWO
Allen Roth	KWA
Jeff Crispin	City of Hays
Kelly Stewart	KDA-DWR
Jennifer Nichols	KDHE
David Bollenback	KCC

1. **Welcome and Introductions:** The meeting was called to order at 10:03 A.M. (CST) by Chairman, Bevin Law. All present provided self-introductions.
2. **Review of Agenda:** The agenda was reviewed. There were no adjustments or additions needed.
3. **Review of March 2021 Meeting Notes:** The meeting notes from the March 2021 meeting were discussed. There were no additions or corrections.
4. **Updates:**
 - a. **Kansas Water Authority (KWA):** Keadron Pearson (KWO) informed the RAC of recent updates that had occurred to the KWA.
 - b. **Kansas Water Office (KWO):** Keadron Pearson (KWO) gave an update on personnel and agency changes that had occurred since the last RAC meeting.

Membership: Bevin Law, Chair, Longford, KS; Holly Dickman, Vice-Chair, Hays, KS; Daniel Baffa, Salina, KS; John Leiker, Ellis, KS; Tom Lutgen, Salina, KS; Chris Meyer, Sylvan Grove, KS; Tim Sanders, Chapman, KS; Timothy Scheck, Russell, KS; Baron Shively, McPherson, KS; Brad Shogren, Lindsborg, KS; Martha Tasker, Salina, KS; Jon Quinday, Russell, KS.

KWO Planner: Keadron Pearson, 620-765-7489, keadron.pearson@kwo.ks.gov

- c. **Legislative:** Keadron Pearson (KWO) gave an overview on the House Committee on Water and provided an update on what has been occurring with the State Water Plan Budget.

5. Regional Activities:

- a. **Water Injection Dredging (WID) Demonstration at Tuttle Creek Lake by Josh Olson (KWO):** Josh Olson (KWO) gave a presentation on the Water Injection Dredging (WID) demonstration that has taken place Tuttle Creek Lake. The presentation was followed by questioned from RAC members and discussion.
- b. The Chair informed members of current vacancies on the RAC. Keadron Pearson (KWO) reminded the committee members of the upcoming RAC Membership drive that will be taking place beginning in May.

6. Other Business:

a. **Agency Reports –**

David Bollenback (KCC): Informed the RAC of that KCC out of Wichita is working to combine abandon wells for plugging.

Jennifer Nichols (KDHE): Informed the RAC that Kanopolis has been identified for the drinking water protection program. They are currently accessing the options for it.

Kirk Tjelmeland (KWO): Informed the RAC of recent updates to KWO.

b. **Public Comments – None**

- c. **Questions and Future Agenda Items from RAC Members –** It was requested that the next meeting be in the last two weeks of July. Keadron Pearson (KWO) will send out a Doodle Poll to members to get date and time set.

d. **Messages to the KWA – None**

e. **Future Meeting –**

- i. RAC Informational Budget Webinar: April 23
- ii. Kansas Water Authority: April 26
- iii. Water in Kansa Webinar Series, Extreme Events Monitoring: April 28
- iv. Governor's Water Conference: November 16-18

The meeting was adjourned at 11:14 A.M. (CST).

2020 RAC SWP BUDGET DISCUSSION

Today

Near-Term Budget Discussion

- ❖ Collect feedback from the RACs based on:
 - What is currently funded for each of the programs?
 - How much is spent in each region by program?
- ❖ Summarize feedback and provide to KWA Budget Committee for FY 2022 SWPF Budget Recommendations

Longer-Term Budget Discussion

- ❖ Planners will continue to work with the RACs
 - Incorporate any changes (additions, modifications) to RAC goals/action plans as part of the 5-year update to the KWP
 - Review of updated Goals/Action plans to determine full funding needs
- ❖ Incorporate budget needs for full implementation of Goals and Action Plans into updated State Water Plan

State Water Plan Fund: FY 2020 & FY 2021 Appropriations

900 SW Jackson, Suite 404
Topeka, KS 66612

Water Authority

Fax: (785) 296-0878
www.kwo.ks.gov

Connie Owen, Chair

Laura Kelly, Governor

EXPENDITURES	FY 2020 Appropriation*	FY2021 KWA Budget Recs	FY 2021 Appropriation
Department of Health and Environment			
Contamination Remediation	\$ 1,088,301	\$ 1,088,301	\$ 1,088,301
Nonpoint Source Program	\$ 365,880	\$ 303,208	\$ 303,208
TMDL Initiatives	\$ 290,871	\$ 280,738	\$ 280,738
Harmful Algae Bloom Pilot	\$ 893,130	\$ 450,000	\$ 450,000
Watershed Restoration/Protection (WRAPS)	\$ 840,898	\$ 730,884	\$ 730,884
Drinking Water Protection Program	\$ 350,000	\$ 500,000	\$ 350,000
SUBTOTAL--KDHE	\$ 3,829,080	\$ 3,353,131	\$ 3,203,131
Department of Agriculture			
Interstate Water Issues	\$ 584,172	\$ 490,007	\$ 490,007
Subbasin Water Resources Management	\$ 777,957	\$ 608,949	\$ 608,949
Water Use	\$ 142,778	\$ 72,600	\$ 72,600
Water Resources Cost Share	\$ 2,571,508	\$ 2,448,289	\$ 2,698,289
Nonpoint Source Pollution Asst.	\$ 2,299,045	\$ 1,857,836	\$ 1,857,836
Aid to Conservation Districts	\$ 2,192,637	\$ 2,192,637	\$ 2,342,637
Watershed Dam Construction	\$ 550,000	\$ 950,000	\$ 750,000
Water Quality Buffer Initiative	\$ 414,516	\$ 200,000	\$ 200,000
Riparian and Wetland Program	\$ 479,997	\$ 154,024	\$ 154,024
Water Transition Assistance Program/CREP	\$ 469,367	\$ 599,745	\$ 699,745
Irrigation Technology	\$ 132,540	\$ 200,000	\$ 100,000
Crop and Livestock Research	\$ 350,000	\$ 350,000	\$ 350,000
Streambank Stabilization	\$ 1,000,000	\$ 1,000,000	\$ 750,000
Real-Time Water Mgmt - Telemetry - <i>SWRM</i>		\$ 25,000	
Water Supply Restoration Program		\$ 465,000	
SUBTOTAL--KDA	\$ 11,964,517	\$ 11,614,087	\$ 11,074,087
Kansas Water Office			
Assessment and Evaluation	\$ 796,522	\$ 700,000	\$ 829,900
MOU - Storage Operations & Maintenance	\$ 410,000	\$ 480,100	\$ 480,100
Stream Gaging	\$ 423,130	\$ 423,130	\$ 423,130
Technical Assistance to Water Users	\$ 348,219	\$ 425,000	\$ 325,000
Vision Education Strategy	\$ 100,000	\$ 100,000	\$ 100,000
Reservoir and Water Quality Research	\$ 350,000	\$ 350,000	\$ 350,000
Water Tech Farms	\$ 75,000	\$ 75,000	\$ 75,000
Watershed Conservation Practice Imp	\$ 700,000	\$ 1,000,000	\$ 1,000,000
Equus Beds Chloride Plume Project	\$ 50,000	\$ 50,000	\$ 50,000
Milford Lake Watershed RCPP	\$ 200,000	\$ 200,000	\$ 200,000
Water Injection Dredging (WID)		\$ 660,000	\$ 660,000
Arbuckle Study	\$ 68,000	\$ 100,000	\$ -
Flood Response Study	\$ 100,000		\$ -
SUBTOTAL--KWO	\$ 3,620,871	\$ 4,563,230	\$ 4,493,130
University of Kansas--Geological Survey	\$ 26,841	\$ 26,841	\$ 26,841
State Employee Pay			
KPERS Reamortization			
Total State Water Plan Expenditures	\$ 19,441,309	\$ 19,557,289	\$ 18,797,189

Kansas Water Plan Budget Guidelines

Water Plan Funds should be allocated to maximize accomplishing the goals and objectives established by the Kansas Statutes, the Kansas Water Authority and the Regional Advisory Committees. Fundamental to the budget process shall be a prioritization of expenditures that are required to do legally, necessary to implement the Vision/State Water Plan, and discretionary expenditures that can be justified based upon defined benefits.

In particular, budgeted funds should be allocated with the following principles:

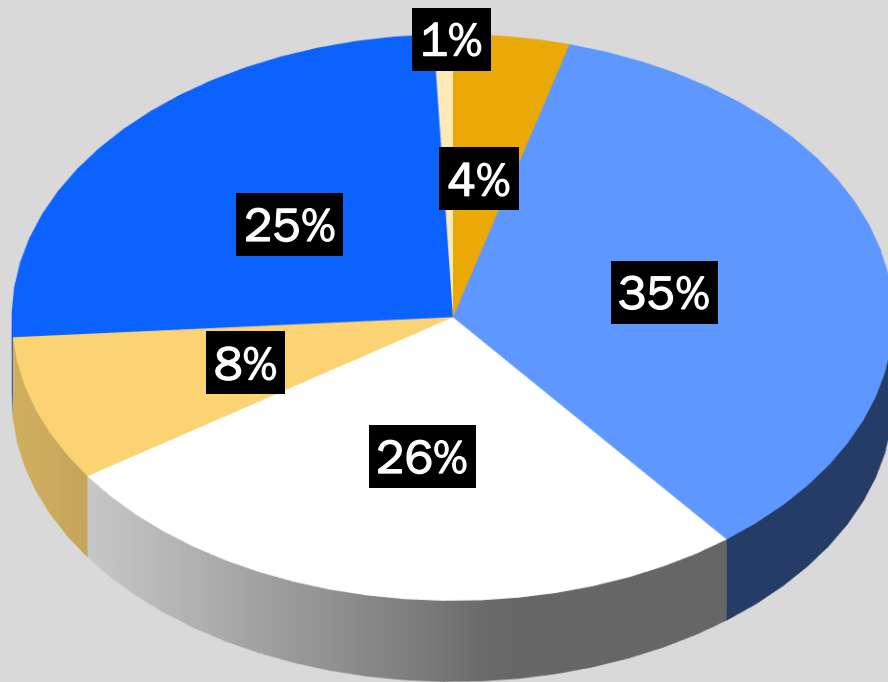
- Statutory Obligations shall be met first.
 - For instance, K.S.A. 82a-2101 requires that proceeds from the Clean Drinking Water Fee be allocated by providing not less than 15% to provide on-site technical assistance for public water supply systems, with the remainder being used to renovate and protect lakes which are used directly as a source of water for such public water supply systems
- All budgeted funds should be tied to one of the projects and initiatives established by the 50-year Water Vision/State Water Plan. Allocation of funds should be supported by appropriate metrics and benchmarks, which clearly demonstrate the past (where applicable), current and future benefit of such expenditures.
- Per K.S.A. 82a-951, State Water Plan funding “shall not be used for . . . replacing full-time equivalent positions of any state agency.” Positions have been added for programs to implement the Kansas Water Plan. The Kansas Water Authority should encourage funding for staff positions supporting State Water Plan programs and projects to be from the State General Fund removing any confusion and allowing additional funds to be used for implementation activities.
- Funds raised through fees on specific users, such as K.S.A. 82a-954, K.S.A. 2-1205 and K.S.A. 2-2204 should be used to fund projects or initiatives that benefit the users paying those fees, or mitigate environmental impacts caused by said users, including:
 - Agricultural users
 - Public water supply systems
 - Industrial users
 - Stock watering
- Allocation of funds should be reasonably related to:
 - The source of the funds,
 - Geographical balance (i.e. NE, NW, SE & SW), including consideration for RAC Regional balance
 - Hydrological (ground water vs. surface water) resource balance
 - An equitable mix of rural vs. urban interests.
 Exceptions will be considered for high-priority or time-sensitive cases requiring significant funding for the implementation of an individual priority project.
- Priority must be given to long term contractual, or multi-year obligations such as:
 - Contracts with the Corps of Engineers for O&M costs of federal reservoirs
 - Bonded indebtedness for projects such as the 15-year bond issue for the 2018 dredging of John Redmond Reservoir
 - Contracts with the USGS for stream gages
- Consideration may be given to projects or initiatives that involve cost shares from other sources, such as Federal, state, local and private funding.
- Consideration may be given to expenditures that can be justified based upon emerging threats to water resources, including appropriate research initiatives.



State Water Plan Fund: FY 2020 & FY 2021 Appropriations

	FY 2020	FY2021 KWA	FY 2021
EXPENDITURES	State Water Plan Fund Budget Categories		
Department of Health and Contamination Remediation Nonpoint Source Program TMDL Initiatives Harmful Algae Bloom Pilot Watershed Restoration/Protection Drinking Water Protection	Groundwater Initiatives	Water Quality	Reservoir Water Supply & Sedimentation
SUBTOTAL--KDHE			
Department of Agriculture Interstate Water Issues Subbasin Water Resources Water Use Water Resources Cost Share Nonpoint Source Pollution Aid to Conservation Districts Watershed Dam Construction Water Quality Buffer Initiative Riparian and Wetland Program Water Transition Assistance Irrigation Technology Crop and Livestock Research Streambank Stabilization Real-Time Water Management - Water Supply Restoration	Water TAP/CREP (KDA) Irrigation Technology (KDA) Crop and Livestock Research (KDA) Real-Time Water Mgmt - Telemetry (KDA) Water Tech Farms (KWO) Kansas Geological Survey (KGS)	Interstate Water Issues (KDA) Subbasin Water Resources Management (KDA) Water Use (KDA)	Vision Education Strategy (KWO) Assessment and Evaluation (KWO)
SUBTOTAL--KDA		Contamination Remediation (KDHE) Nonpoint Source Program (KDHE) TMDL Initiatives (KDHE) Harmful Algae Bloom Pilot (KDHE) Watershed Restoration/Protection (KDHE) Drinking Water Protection Program (KDHE) Nonpoint Source Pollution Asst. (KDA) Technical Assistance to Water Users (KWO) Equus Beds Chloride Plume Project (KWO) Milford Lake Watershed RCPP (KWO) Arbuckle Study (KWO)	
Kansas Water Office Assessment and Evaluation MOU - Storage Operations Stream Gaging Technical Assistance to Vision Education Strategy Reservoir and Water Quality Water Tech Farms Watershed Conservation Equus Beds Chloride Plume Milford Lake Watershed Water Injection Dredging Arbuckle Study Flood Response Study		Aid to Conservation Districts (KDA) Riparian and Wetland Program (KDA) Stream Gaging (KWO) Reservoir and Water Quality Research (KWO)	Water Resources Cost Share (KDA) Watershed Dam Construction (KDA) Water Quality Buffer Initiative (KDA) Streambank Stabilization (KDA) Water Supply Restoration Program (KDA) MOU - Storage Operations & Maintenance (KWO) Watershed Conservation Practice Implementation (KWO) Water Injection Dredging (WID) (KWO)
SUBTOTAL--KWO			
University of Kansas--Geology			
State Employee Pay KPERS Reamortization			
Total State Water Plan Expenditures			

State Water Plan Expenditures Fy 2015-2019 - Budget Categories

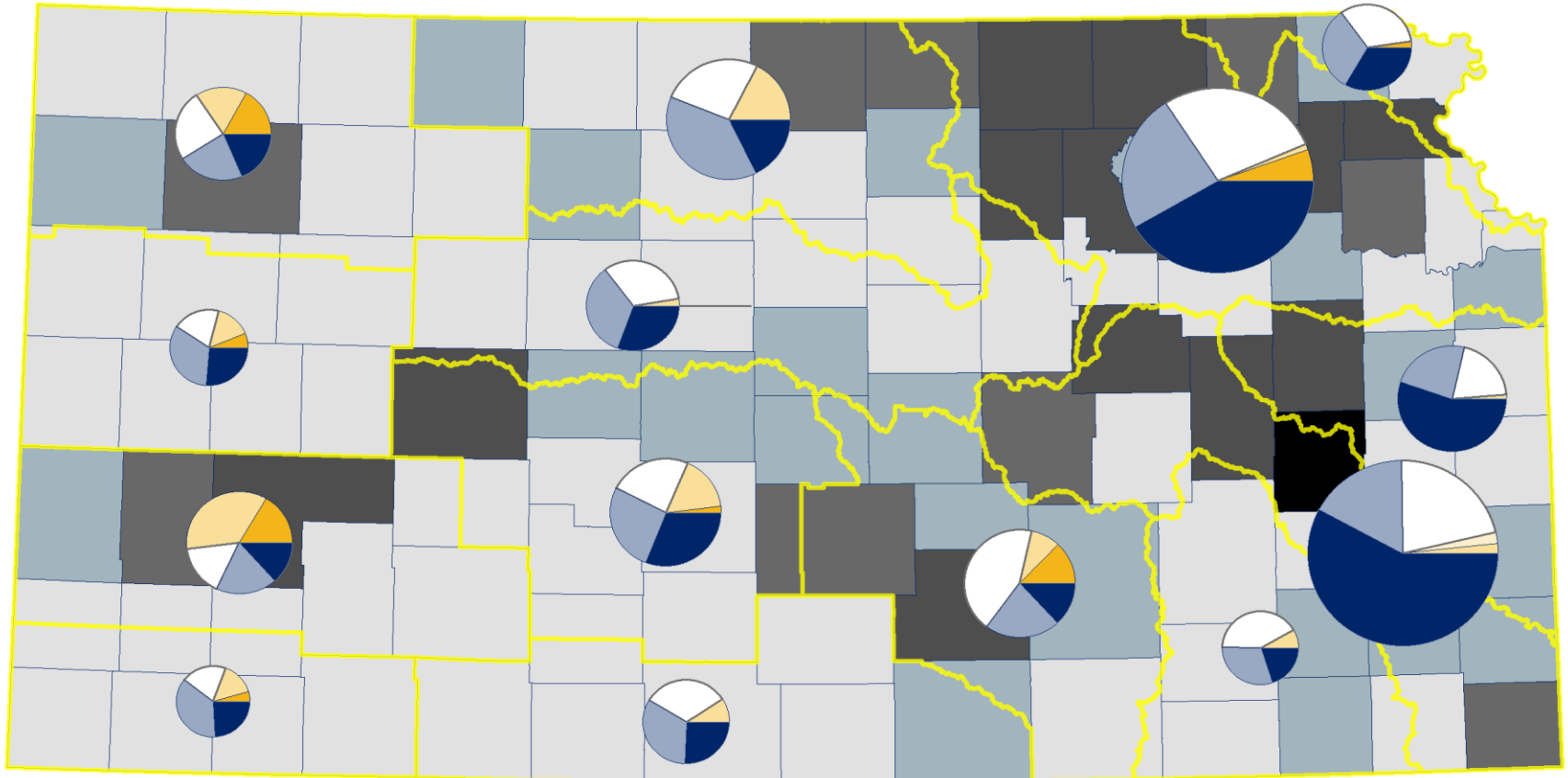


- 1 Groundwater Initiatives (WTF, Wichita ASR)
- 2 Reservoir Water Supply & Sedimentation (O&M, SBS, dredge, study)
- 3 Water Quality
- 4 Groundwater Initiatives & Water Quality
- 5 Reservoir & Water Quality Totals

Total State Water Plan Fund

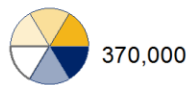
	Average FY15-19	Percent Total
1 Groundwater Initiatives (WTF, Wichita ASR)	\$ 576,748	4%
2 Reservoir Water Supply & Sedimentation (O&M, SBS, dredge, study)	\$ 4,734,357	35%
3 Water Quality	\$ 3,536,047	26%
4 Groundwater Initiatives & Water Quality	\$ 1,127,388	8%
5 Reservoir & Water Quality Totals	\$ 3,431,720	25%
6 Groundwater, Reservoir, & Water Quality	\$ 95,773	1%
Totals	\$ 13,502,032	



Average State Water Plan Fund Distribution by Budget Category FY2015 - 2019 Data



Kansas Water Office January 22, 2020






State Water Plan Fund Categories

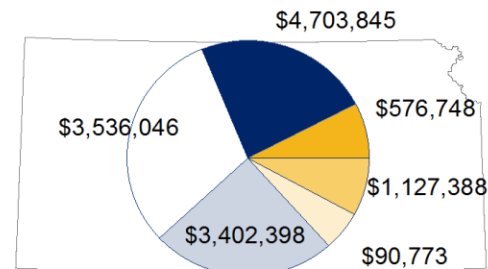


-  Groundwater Initiatives
-  Groundwater & Water Quality

-  Groundwater, Reservoir, Water Quality
-  Water Quality
-  Reservoir & Water Quality
-  Reservoir Water Supply & Sedimentation

County SWPF Distribution

-  \$38,030 - \$100,000
-  \$100,000 - \$150,000
-  \$150,000 - \$200,000
-  \$200,000 - \$500,000
-  \$500,000 - \$1,158,000



Sources:
 Kansas Dept. of Agriculture
 Kansas Dept. of Health & Environment
 Kansas Water Office
 Kansas Dept. of Revenue

ISSUE
KWP Categories



KANSAS WATER PLAN
Goals/Action Plans



IMPLEMENTATION
Projects/Initiatives
funded with SWPF

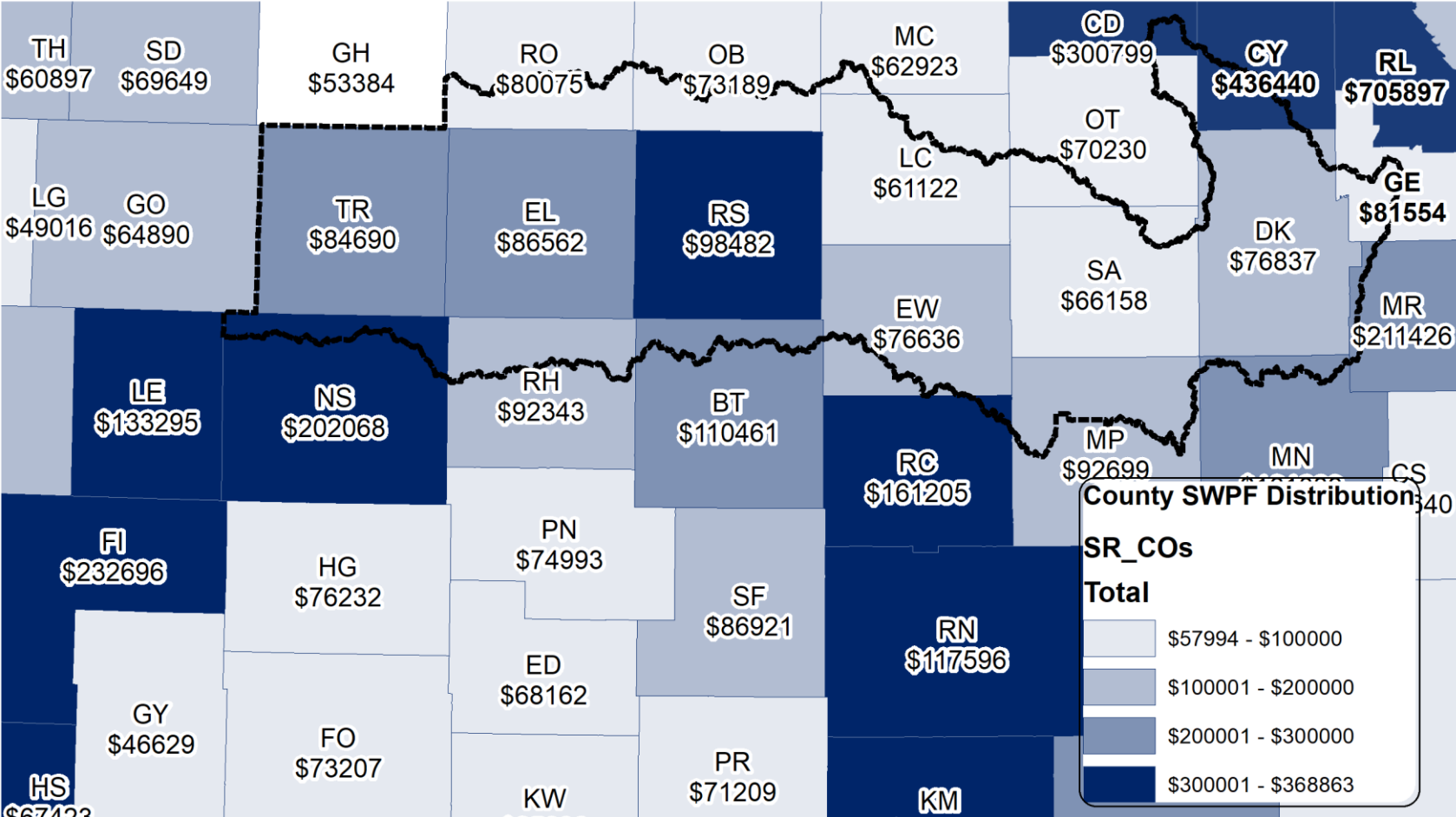
Smoky Hill-Saline Regional Advisory Committee Reservoir Water Supply & Sedimentation - State Water Plan Fund Budget

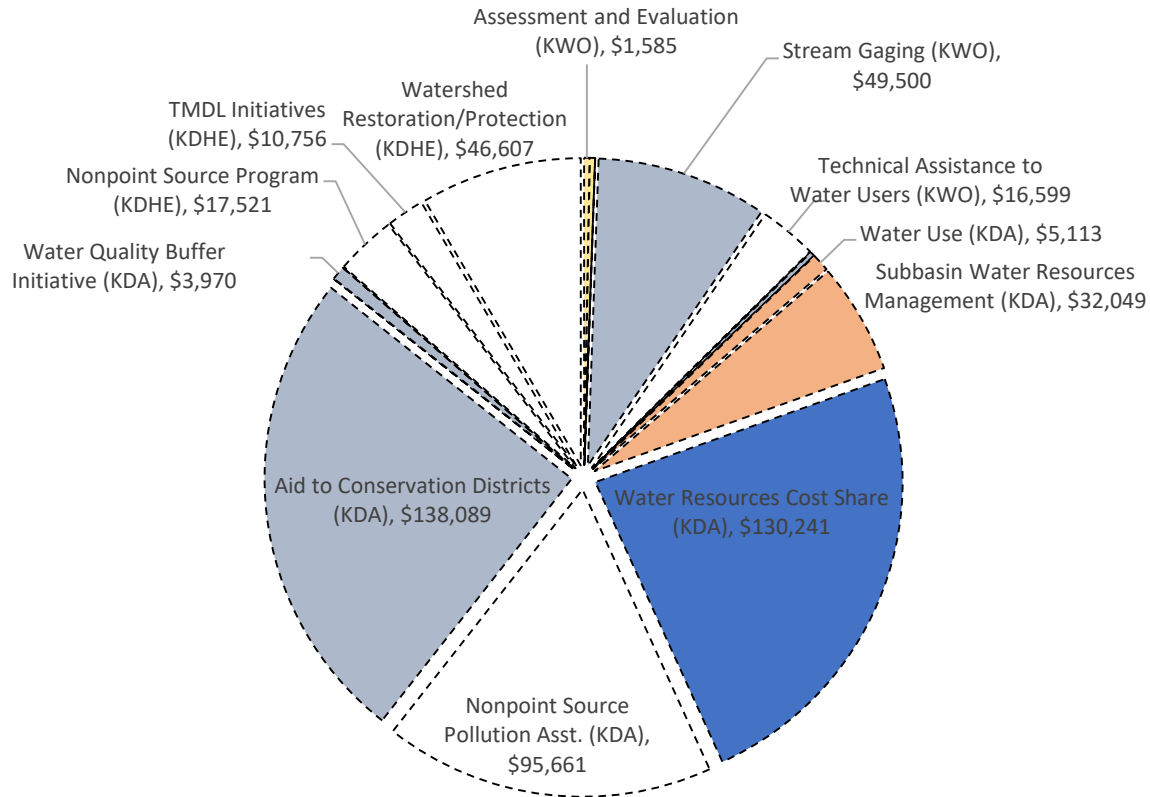
Issue: Increasing of water supply liabilities. Reservoirs are filling with sediment, leading to increased water quality issues and reduction in water supply for Kansans.

Reservoir Water Supply & Sedimentation

	Program	Description	RAC Avg. Expenditure FY17-19	KWA FY 2021 Requested	FY 2021 Appropriated	FY 19/20 metric	FY 2022 Goal	Cost Share Funding	Full Funding Need	RAC Goals Supported
<div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">Prevention</div> <div style="text-align: center;">↓</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">Monitoring & Study</div> <div style="text-align: center;">↓</div> <div style="border: 1px solid black; padding: 2px;">Response</div>	Water Resources Cost Share (KDA)	To increase implementation of best management conservation practices that reduce sediment, phosphorus and other specified pollutants in high priority HUC 12 watersheds. Also increasing the implementation of practices that aid in the conservation of surface and ground water through the adoption of irrigation technology such as soil moisture probes.	\$ 130,241	\$ 2,448,289	\$ 2,698,289			Yes		Supports RAC Priority Goal 3,
	Water Quality Buffer Initiative (KDA)	Improve water quality by establishing more vegetative filter strips and riparian forest buffers along streams.	\$ 3,970	\$ 154,024	\$ 200,000					Supports RAC Priority Goal 3,
	Aid to Conservation Districts (KDA)	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.	\$ 138,089	\$ 2,192,637	\$ 2,342,637					Supports RAC Priority Goal 3,
	Nonpoint Source Pollution Asst. (KDA)	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. Additional technical assistance in high priority areas through the use of contribution agreement conservation technician positions in partnership with NRCS.	\$ 138,089	\$ 1,857,836	\$ 1,857,836			Yes		Supports RAC Priority Goal 3,
	Subbasin Water Resources Management (KDA)	Works to improve enhanced basin-level water management through the gathering and analysis of water right and hydrologic data, and the development of decision support products to help state and local stakeholders make sound water management decisions	\$ 32,049	\$ 608,949	\$ 608,949					Supports RAC Priority Goal 4,
	Watershed Restoration/Protection (KDHE)	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.	\$ 46,607	\$ 730,884	\$ 730,844			Yes		Supports RAC Priority Goal 3,
	Assessment and Evaluation (KWO)	Used to contract for a variety of data collection and studies. The overall objective of the program is to provide the water planning and vision process with the background information necessary to make decisions and improve implementation.	\$ 1,585	\$ 700,000	\$ 829,900					Supports RAC Priority Goal 1, 2, 4,
	Stream Gaging (KWO)	Support the continuous monitoring of streamflows on key streams and rivers in Kansas. The information serves multiple purposes, public and private entities, and the general public.	\$ 49,500	\$ 423,130	\$ 423,130					Supports RAC Priority Goal 1, 3,
	Technical Assistance to Water Users (KWO)	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 U.S. EPA rules and regulations of the department of health and environment.	\$ 16,599	\$ 423,000	\$ 325,000					Supports RAC Priority Goal 4,
	Watershed Dam Construction (KDA)	To meet unmet needs in unfunded dam construction (over a 1,000 new sites) and rehabilitation of existing flood control dams (there are approximately 1,500 existing dams).	\$ -	\$ 950,000	\$ 750,000			Yes		Supports RAC Priority Goal 1,
End Goal or Policy Intent:	Increased water security. Extend the usable lifetimes of public water supply and flood control reservoirs, to protect future water supply for Kansans.									

Smoky Hill-Saline RAC State Water Plan Expenditures FY 2017 - 2019





FY2017-19 SWPF Average

Assessment and Evaluation (KWO)	\$	1,585	Water Resources Cost Share (KDA)	\$	130,241
GIS (KWO)	\$	1,496	Nonpoint Source Pollution Asst. (KDA)	\$	95,661
Stream Gaging (KWO)	\$	49,500	Aid to Conservation Districts (KDA)	\$	138,089
Technical Assistance to Water Users (KWO)	\$	16,599	Water Quality Buffer Initiative (KDA)	\$	3,970
Planner	\$	1,300	Nonpoint Source Program (KDHE)	\$	17,521
Water Use (KDA)	\$	5,113	TMDL Initiatives (KDHE)	\$	10,756
Subbasin Water Resources Management (KDA)	\$	32,049	Watershed Restoration and Protection Strategy (KDHE)	\$	46,607

Smoky Hill-Saline Regional Advisory Committee
SFY 2022 Budget Recommendation
Message to the KWA

The Smoky Hill-Saline RAC supports the proposed budget and would like to highlight the following priorities that are important to fund in order to accomplish and carryout the goals and actions plan of the Smoky Hill-Saline RAC. These items include Water Resources Cost-Share (KDA) and Streambank Stabilization (KDA) that help promote water quality, increased aid to Conservations Districts (KDA), increased support for programs that provide education and outreach to the public, and Kansas Runs on Water (KWO).

Smoky Hill-Saline Regional Advisory Committee
Goals & Actions Plan
Draft Revisions

Revised Goal #1: Increase available water supply, water supply storage, and interconnectivity among public water supplies within the Smoky Hill – Saline Planning Region to ensure the water supplies available exceeds demand by at least 10% by the year 2060.

Action steps:

- Support agencies in evaluating the possibility of a permanent conservation pool rise at Kanopolis Reservoir.
- Evaluate Kanopolis Reservoir to determine the feasibility of dredging and initiate project if deemed viable.
- Determine if there is a need for additional water supply reservoirs within region.
- Explore control of Phreatophyte, “deep rooted plants”, control within riparian areas.
- Explore the possibility of direct potable reuse.
- Support agencies in developing and implementing a Certified Irrigator Program.

Revised Goal #2: Support a statewide conservation education program/model which is applicable to all public water supplies which quantifies water conservation efforts on customer usage.

Action Steps:

- Develop a youth-based water conservation education program which is tied to school curriculum.
- Provide producers with tools and resources needed to make informed management decisions which improve water use efficiency.
- Educate all Planning Region stakeholders on the benefits of water conservation, thus working towards sustainable use of the region’s water surface and groundwater resources.
- Work with groups of interest to ensure Smoky Hill-Saline Planning Region stakeholders are educated on the benefits of water conservation.

Revised Goal #3: Reduce sediment and total suspended solids (TSS) concentrations within the lakes and streams within the Smoky Hill – Saline Planning Region.

Action Steps:

- Method of attaining goal can include the continued support of best management practice (BMP) implementation for practices which reduce sediment runoff.
- Focus BMP implementation within priority areas identified in the Big Creek Middle Smoky Hill River Watersheds 9 Element Watershed Protection Plan.

- Complete by 2034 - Final year of 9 Element Watershed Protection Plan is 2034. Provide a reduction of 26% TSS concentrations on the Smoky Hill River at Ellsworth as noted within the 9 Element Watershed Protection Plan.
- Remove sediment-impaired waters from the KDHE TMDL list.
- Continued support of locally led and driven efforts, such as the WRAPS program and projects within the region, within watersheds and the BMPs noted for implementation within the 9 Element Watershed Plans.
- Continue to support NRCS programs/initiatives such as RCPP, EQIP, easement programs, WRP, CSTP, etc., which can be utilized to implement sediment-reducing BMPs as well as improve soil health. Identify sources of sediment contributing to TSS/sediment in water bodies (i.e. streambank assessments, etc.).
- Continue to support KDA-DOC programs/initiatives such as the nonpoint source program, watershed program, water resource conservation program and the funding provided to DOC through the State Water Plan fund.
- BMP implementation above water supply waters to help facilitate settling out of solids before entry into water supply water (i.e. forebays, settling basins). BMP implementation should continue to reduce sedimentation rate of Kanopolis Reservoir as well as other water supply sources.
- Enhance and continue to support information/educational (I&E) efforts focused towards landowners to help reduce sediment runoff on their respective property.
- Include consideration of Wilson Reservoir and the upstream watershed of sediment sources which could impact capacity including bathymetric survey analysis to help quantify current capacity of lake.
- Evaluate sediment and nutrient loading originating from watershed above Herington Reservoir which could impact its viability as a public water supply source. Utilize the June 2008 bathymetric surveys on Herington Reservoir and Herington City Lake as baseline characterization of current capacity lost in lakes due to sedimentation.

Revised Goal #4: Increase public water supply water use efficiency for suppliers within the region.

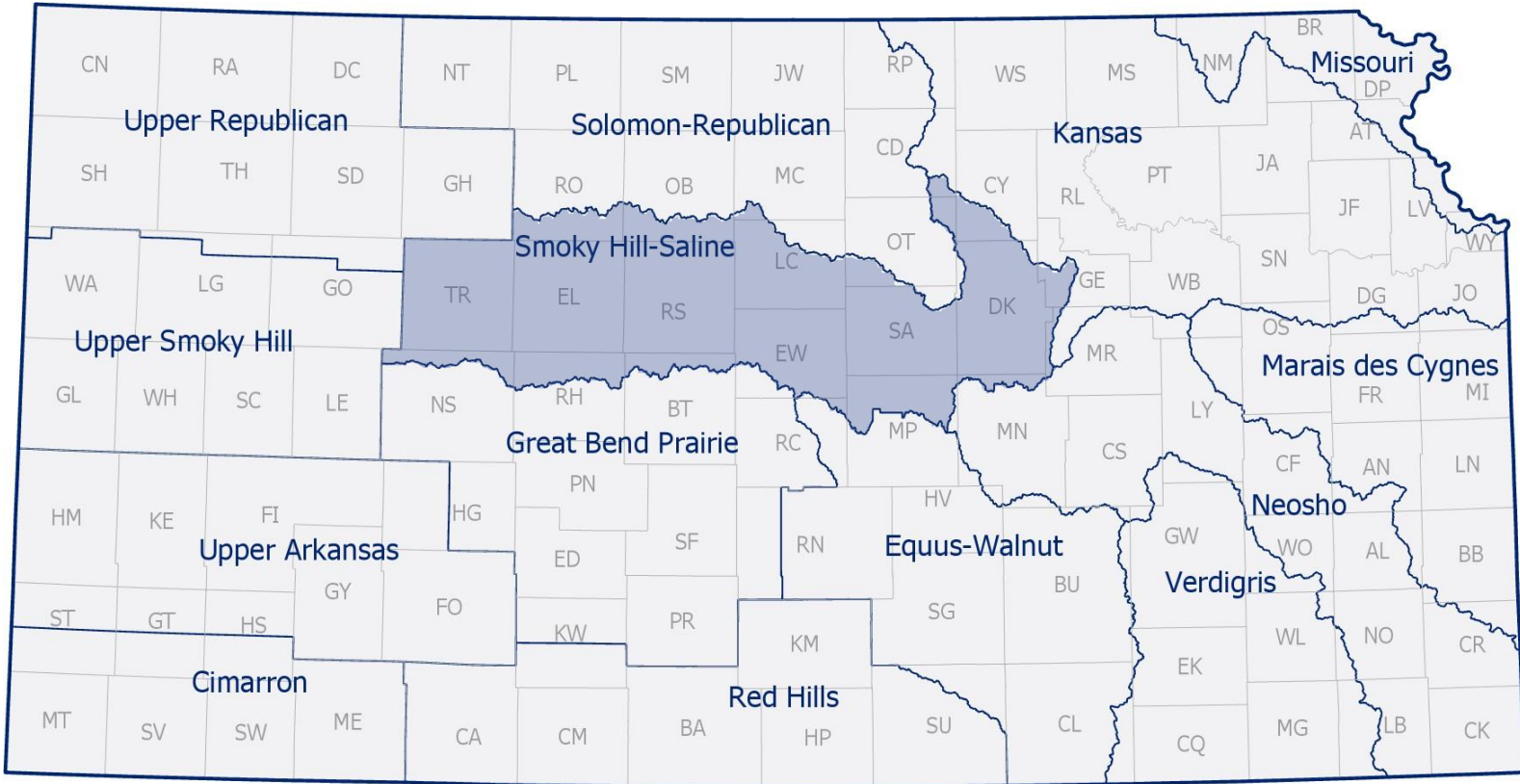
Action Steps:

- Method of attaining goal can include the promotion of development of new or updated water conservation program plans for public water supplies within the Smoky Hill – Saline Planning Region
- Implementation of conservation measures which lead to all public water supplies in the Smoky Hill – Saline Planning Region operating in the bottom 1/3rd of Gallons per Capita Per Day (GPCD) when compared to other public water supplies within respective Regions used for GPCD comparison.
- Complete by 2025. The results of the efforts will be obtaining the same or increased outputs within participating municipalities while utilizing the same or less amounts of water.
- All public water supplies follow the 2007 Kansas Municipal Water Guidelines and have a recently updated conservation plan.
- Public water supplies evaluate the feasibility of water conservation rates.

- Public water supplies develop and promote rebate programs geared towards water conservation efforts for water customers.
- Develop a “tool box” of educational information PWSs could utilize to pass information along to customers.
- Work through the framework of existing statewide education efforts to develop region-wide outreach campaign promoting water conservation efforts.
- Report GPCD values on an annual basis at RAC meetings
- Develop an independent technical task force to help large water users within public water supply systems to improve water use efficiency.
- Hold annual public water supply “field days” to share current water conservation efforts. Making sure media is involved with promotion of these events.



Smoky-Hill Saline Regional Advisory Committee



Membership			
Name	City	Category	Term
Bevin Law (Chair)	Longford, KS	Conservation	2021
Holly Dickman (Vice-Chair)	Hays, KS	Large Public Water Supply	2023
Martha Tasker	Salina, KS	Public Water Supply (cc)	2023
Timothy Scheck	Russell, KS	Industry/Commerce 2	2021
Chris Meyer	Sylvan Grove, KS	Agriculture (cc)	2023
Tim Sanders	Chapman, KS	Agriculture 2	2021
Dan Baffa	Salina, KS	Conservation/Environment (cc)	2021
Baron Shively	McPherson, KS	Conservation/Environment 2	2023
Brad Shogren	Lindsborg, KS	Irrigation	2021
Tom Lutgen	Salina, KS	Industry/Commerce (cc)	2023
Jon Quinday	Russell, KS	At Large Public 2	2023
VACANT	VACANT	Small Public Water Supply	2023
VACANT	VACANT	At Large Public (cc)	2021

(cc) – Core Category