



December 19, 2016, Concordia, Kansas

October 7, 2016, Wakefield, Kansas

September 8, 2016, Topeka, Kansas

July 13, 2016, Topeka, Kansas

July 7, 2016, Topeka, Kansas

June 17, 2016, Topeka, Kansas

April 29, 2016, Topeka, Kansas

March 25, 2016, Topeka, Kansas

February 25, 2016, Topeka, Kansas

January 13, 2016, Topeka, Kansas



Kansas & Solomon-Republican Joint Regional Advisory Committee Meeting Notes

Kansas & Solomon-Republican Joint Regional Advisory Committee Meeting

10:00 am, Monday, December 19, 2016

Concordia Chamber of Commerce Meeting Room, 606 Washington St., Concordia, KS

Kansas RAC Members in Attendance:

Name	City	Category	Term	Present
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	No
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	No
Blake Follis	Topeka, KS	At Large Public (cc)	2019	No
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	No
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	No
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Solomon-Republican RAC Members in Attendance:

Name	City	Category	Term	Present
Donald Hellwig (Chair)	Solomon, KS	Agriculture	2017	Yes
Mike Brzon	Courtland, KS	At Large Public	2017	Yes
John Cockerham	Osborne, KS	Conservation/Environment (cc)	2017	No
Raymond Debey	Cawker City, KS	Agriculture (cc)	2019	Yes
Timothy Driggs	Phillipsburg, KS	Public Water Supply (cc)	2019	No
Stacey Forshee	Ottawa County, KS	At Large Public	2019	Yes
Keith Houghton	Tipton, KS	Fish, Wildlife & Recreation	2019	No
James (JP) Metzler	Minneapolis, KS	Industry and Commerce (cc)	2019	No
Terry Nelson	Phillips County, KS	Irrigation West	2017	Yes
David Pfizenmaier	Clay Center, KS	At Large Public	2017	Yes
Arnold Ross	Webber, KS	Irrigation East	2019	Yes
Scott Ross	Stockton, KS	At Large Public (cc)	2017	Yes

Others in attendance:

Name	Agency	Name	Agency	Name	Agency
Robert Reschke	KDA/DOC	Amanda Reed	KDHE	Greg Sherbert	CY Cons. Dist.
Earl Lewis	KWO	Terry Alstatt	USDA-NRCS	Tom Stiles	KDHE
Jennifer Nichols	KDHE	Tracy Streeter	KWO	Deb Baker	KAWS
Marlene Stamm	NCK LEPG	Galene Biery	KRWAD #1	Sherry Koster	NCK LEPG
Bruce Wells	NRCS	Nina Meyer	WS Cons. Dist.	Susie Swanson	State Leg.
Dennis Reedy	Public	Leslie Holthaus	MS Cons. Dist.	Margaret Fast	KWO
Dana Ladner	KDA	Tom Meek	Milford WRAPS	Kirk Tjelmeland	KWO

Membership: Kansas - Sarah Hill-Nelson (Chair), Marlene Bosworth, Brad Bradley, Glenn Brunkow, Dawn Buehler, Blake Follis, Heath Horyna, Daniel Howell, Darci Meese, Katie Miller, William Ramsey, Sharon Schwartz, Greg Wilson **S&R** - Donald Hellwig (Chair), Mike Brzon, John Cockerham, Raymond Debey, Timothy Driggs, Stacey Forshee, Keith Houghton, James (JP) Metzler, Terry Nelson, David Pfizenmaier, Arnold Ross
KWO Planners: Margaret Fast, margaret.fast@kwo.ks.gov Kirk Tjelmeland, kirk.tjelmeland@kwo.ks.gov

1. **Welcome and Introductions:** Don Hellwig and Sarah Hill-Nelson, Chairs, called the meeting to order at 10:02 am and all present providing self-introductions.
2. **Kansas & Solomon-Republican Common Ground:** Margaret and Tj started off the power point with an explanation of common geography between the two RACs. Sarah and Don went through the main portion of the power point that illustrated common Action Items between the two RACs: Water Storage in Existing Reservoirs, Additional Storage in Multipurpose Lakes, Water Delivery Efficiency, Sediment Reduction in Reservoirs and Reservoir Nutrients. Sarah also asked Katie Miller, KS RAC to highlight the Kansas Basin Watershed Management System the committee is promoting to target funding for sediment and nutrient reduction into priority hot spots. The power point is posted on the KWO web site at <http://www.kwo.org/Regional-Advisory-Committees.html>
3. **Conservation Districts (Tom Meek and Rob Reschke)** – Tom went through a power point that illustrated best management practices in Clay County that had been installed through cost share programs including waterways, streambank stabilization, buffers and cover crops. He also showed one slide of particular interest was of a ravine on a piece of property in Clay Co. where the landowner was involved in absolutely no government programs. He went on to say that landowners as a whole are doing a pretty good job in keeping over 90% of phosphorous in the field (in his estimate) but there is always room for improvement. Amanda Reed from KDHE informed the group that the Milford drainage phosphorous reduction load has been increased significantly to 1 million pounds/year due to recent assessments. Rob presented a map that is still under construction and is not available to the public yet. The map is for watershed areas broken down to the HUC 8 with practices applied, money invested, sediment reduction and a couple of items. Both RACs thought this would be very useful in making informed decisions when targeting conservation dollars. Tom's presentation posted on the KWO web site <http://www.kwo.org/Regional-Advisory-Committees.html>
4. **Update from NRCS (Bruce Wells)** – Bruce had a general power point, the talk illustrated their moto, Helping People Help the Land. He stated they don't plan for programs; they use programs to implement plans. Bruce went on to explain that NRCS has a presence in every county in KS and they provide free technical assistance on a variety of concerns: soil, water, air, plants and animals. NRCS has a 9 step plan that is implemented to help clients achieve their goals. Environmental Quality Incentive Program (EQIP) is their flagship program; 60% has to benefit livestock. Regional Conservation Partnership Program (RCPP) is one that is generating some interest by some of the RAC's. He showed a picture of a gully on White Rock Creek that was adding 68 tons/year to the Creek. Bruce talked a little about terraces, waterways and other BMP's and their benefits. He mentioned the Ogallala Aquifer Initiative which is designed to reduce the quantity of water removed from the aquifer and improve water quality using conservation practices. Bruce flipped through the RCPP slides another tool NRCS has available to provide assistance to producers and landowners. He mentioned the Watershed Rehabilitation Program has been in place for 15 years and has provided millions of dollars for rehab projects across Kansas. The power point is posted at <http://www.kwo.org/Regional-Advisory-Committees.html>
5. **Update on Milford WRAPS (Deb Baker)** – Deb gave a short update on the Milford WRAPS plan. The plan is good and is based off of good information; however since it is over 5 years old a good deal of the information needs to be updated, ex: public water supply information. Deb said they had new aerial photos and they had done some ground - truthing recently to insure their accuracy.
6. **Update on Kansas Water Authority Meeting December 15th - Wichita** – Sarah gave a quick overview of meeting and said the most conversation was about the \$16 million that was in the budget for dredging. Earl

elaborated on the Blue Ribbon Funding Task Force and the possibility of the funding for the budget going forward. Given the current financial situation of the state increasing the Kansas Water Plan budget seems slim.

7. **Agency and Public Input** –There was no other agency or public comment.

8. **Meeting was adjourned – 12:20 pm**

9. **Future Meetings:**

- a. HAB Meeting: January 18th, Topeka, KS
- b. Kansas Water Authority: January 24-25th, Ramada Inn Downtown 426 SE 6th, Topeka, KS
- c. Kansas RAC: January TBD
- d. Solomon-Republican RAC: To be determined (Doodle Poll will be sent out) – February
- e. Forum on Reservoir Health (KACEE hosted) Meeting: February 9th, Wakefield, KS



Kansas Regional Advisory Committee Meeting Notes

October 7, 2016
Wakefield United Methodist Church Fellowship Hall
Wakefield, Kansas

Members Attendance:

Name	City	Category	Term	Present
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	Yes
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

Sign in available upon request. Over seventy people were in attendance for the HAB Forum.

Welcome and Introductions:

Self-introductions were made.

Focus on Goal 4 – Water Consumption: By 2035, reduce per capita water consumption by 10 percent by 2035 through conservation, education and pricing mechanisms.

A draft action plan was included in the meeting materials. The Action Plan was reviewed point by point. The Action Plan has a focus on wise use of water through metering, proactive attention to unaccounted for water, and water conservation plans. An education component was also seen as critical to the objective of wise water use. A section on Incentives was included with a statement that the RAC would continue to work with stakeholders to explore incentive-based approaches. Will moved and Glen seconded to adopt the Action Plan as modified during the meeting. Motion passed unanimously.

Focus on Implementation of Harmful Algae Bloom Action Plan One of the Goals of the region is to reduce the duration and frequency of harmful algal blooms. The RAC and the KWA had approved an action plan that included a focus on nutrient reduction and coordination with lake communities, as well as the state and federal agencies involved in monitoring and management of the reservoir. This meeting was a public forum on what is known about the algal blooms in Milford and the options to address them.

Tom Stiles, KDHE, and Jennifer Graham and Guy Foster, USGS, reviewed recent conditions, what is being learned, and the causes and distribution of the blooms in-lake and downstream.

Heath Horyna, RAC member, overviewed the Kansas Regional Advisory Committee Harmful Algae Bloom Goal Action Plan and in lake and watershed implementation opportunities. Sarah Hill - Nelson reviewed a concept of focusing funding on high priority regional needs, known as the Kansas Basin Watershed Management System. Tracy Streeter reviewed

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov

some current and potential funding opportunities. The presentations ended with a review of lake level management alternatives; the Kansas City District Corps of Engineers was seeking public input on alternatives that had been brought forward. The presentations from the Forum are posted on the RAC page on www.kwo.org.

Public Comments:

- Lake Level Management Option. 4 Options. Does the KWO have an input? Yes. But it is a joint decision. Will be decided this fall and will have an impact on 2016-2017 elevations. Decision needs to be made shortly.
- Alternative 3 is the preferred option
 - Percentage of pool?
- Alternative 1 is 4,000 acres. Alternative 3 - 2600 acres.
- Is lowering the level of the lake the most cost-effective method? Is there a monetary impact to that?
 - Corps does not have a cost associated.
 - Water that would be released is not water that is under contract by the state.
- Marina concerned about foundations of the marina that could be impacted by a very low level of the lake. They are not sure how that would impact the foundations. Thunderbird is most at risk.
- There are risks to dropping the water after the lake has already frozen. Drawdown would be paused during freezing.
- Question about Fort Riley. Has there been any discussion of the possible contributions of the Fort to phosphorus?
 - Stiles – Fort says they haven’t used phosphorous in 20 years but are planning discussions with Fort to address legacy phosphorous that could be attributable to the Fort.
 - Constructed wetlands on Madison Timber and creeks as an option?
 - Study is going to be done by DOD on this Fort-related phosphorus
- Any consideration of harvesting the phosphorous off the lake.
 - Stiles says it would cost a lot of energy to harvest it
- Republican/Solomon asks if we are trying to coordinate with Nebraska.
 - RAC has discussed the importance of cross-jurisdictional discussion including Nebraska, Tribes, etc.
- Corps looking at inflows in surveys. Has been stated regularly that there are nutrients from Nebraska. Definitely nutrients coming from Nebraska. Survey shows a significant increase in nutrients once you cross the Kansas border. Increasing phosphorous along the way as you go downstream. Farnum and Madison are less than 2% of the load coming into the lake. Nebraska nutrients are going into Harlan and Lovewell.
- Any study of existing beneficial algae and seeing what we can do to assist the beneficial algae?
 - Blue-Green is always out-competing good algae so far.
 - Some work adding nutrient silica but the scale is so large to do that that it is not feasible.
- Lake Water Management. When will the decision be made? Needs to happen for this winter. Corps and Kansas Water Office will collaborate. Will occur “very near future”.
- Producer and DOC Employee - Challenge is knowing exactly what we need to do. Lots of open lot hog operations are already disappearing. Lots of CRP and no-till has been added. That ought to help. Concerning that there might be unintended consequences with some practices. Ag needs a clearer roadmap as far as what practices are the most effective.
- Factor in that we have a reduced volume of water that is being impacted because due to increased sediment there is less water in the reservoir so smaller quantities of water are bearing burden of greater amount of phosphorous.
- Study on what it would take to lower phosphorous going into Lake Erie by 40%. Tried 12 different regimens. 5 Effective combinations of practices are effective, but have to be adopted on a comprehensive scale to be effective. We know what practices work. Problem is getting it done.

- RAC will provide the 5 Key Practices and put them on website and make them available to WRAPs. A summary of the study is linked here <http://www.ns.umich.edu/new/multimedia/videos/23620-lake-erie-phosphorus-reduction-targets-challenging-but-achievable>. The full study is sited in the link. Here is a fact sheet. <http://graham.umich.edu/media/pubs/InformingLakeErieAgricultureNutrientManagement-Summary.pdf>
- Kansas Forest Service has put \$\$ into prevention side of water quality. Forest Service RCP program allows for assessments on watersheds. They are doing focused educational programming on that.
 - Ag Buffer Initiative is new. Recently released software. Assess a cultivated field and design a buffer system around the field that requires much less buffer than was historically thought to be necessary. The Forest Service has the capability to do this assessment. Key Point is that you can get same impact with less land being dedicated to buffers. Ties to the NRCS soil map.
- Landowner in the area commented he had been through EQIP. Has buffer strips. Most ag community does soil testing. Doesn't want to use more fertilizer than they have to because they are in business and it is \$\$\$. Ag doesn't want to pollute either.
 - Is the water cleaner? Is this part of the problem? Lack of turbidity... is this part of the problem?
 - Stiles – lake is clearer due to inputs but also zebra mussels. Zebras are feeding on the good algae which is also part of the problem.
 - Stiles – warmth of environment is also part of the problem.
- Producer: soil testing, buffer strips... what else can they do. Need to put on some fertilizer but is already dedicated to not putting on any more.
- Wm. Bradley – Buffer strips are to intercept. Known that there is x% uptake. Study looked at cover crops so that phosphorous would get soaked up in the field. Cover crops can also limit the amount of fertilizer that needs to be put on long-term.
- Literature. Atrazine issue taught us that timing of application is really important. Is there a timing element to application of fertilizer?
- Question about phosphorous. Are there monitoring stations in place so we can get a better handle on where the phosphorous is coming from?
- Could we have some sort of numeric criteria that we should be working towards? We aren't sure right now what the optimum number is. We need a target.
- WRAPS – does have a plan in place. We do have water quality stations. Inputs are really spread out. KDHE has been doing modeling. WRAPS plan has been developed that says how much phosphorous needs to be used to get reservoirs in better condition. 40 year implementation plan has been put in place by WRAPS.
- Downstream users: 1.) Identify what the phosphorous target is. 2.) Need increased measurement to get a handle on where the phosphorous is coming from. Is it possible that it is just a handful of users? Need more work to try to identify sources of phosphorous.
- KDHE does have a number. There is an estimate for what loads need to be to bring it down. There are goals and a plan to meet that goal through the WRAPS plan.
- Could the situation be improved with increased monitoring?
- The targeting has been done through the WRAPS plan. Stiles explained where the monitoring is happening. There is a gap below Clay Center and into the lake.
- Criteria can't be set.
- Stiles - Need money and manpower to get a better handle on the source of the phosphorous.
- Horyna – phosphorous is unique in that it stays in the system longer. It continues to be available. Phosphorous can only be removed by physical removal.
 - Taken up by algae. Algae dies and it goes back into the system.
- Phosphorous enters the sediment, but given turnover it can get back into the system.

- Zone C – Can we do more testing in Zone C? One idea is that the nursery is north of the causeway and that is what is creating the problems in Zone C.
- Is there phosphorous in the lake now that is getting re-integrated into the system AND phosphorous that is coming into the system?
 - Yes. The lake is chock full of phosphorous – both phosphorous that was already in the land and phosphorous that is added through inflows.
- Did the flood of '93 bring a bunch more phosphorous in?
 - In '93 it was getting flushed though. In 2011 the lake couldn't release water because of flooding on the Missouri.
- The bloom is self-sustaining
- The phosphorous doesn't go away; it stays in the system.
- EQIP prioritization is now reflecting the need to address HABs
- CRP conservation priorities are not reflecting the HAB needs.

Future Actions:

The RAC is committed to continuing the dialogue and finding solutions.

Upcoming Meetings (for the RAC):

- Next RAC – TBD. Probably early next year, or upon call of the chair.
- Blue Ribbon Funding Task Force – October 31
- KWA December 15 – Wichita
- Governor's Conference on the Future of Water in Kansas – November 14-15 – Manhattan



Kansas Regional Advisory Committee Meeting Notes

September 8, 2016
Kansas Water Office Conference Room

Members Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	Yes
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietsort	Topeka	Ks Dept. of Ag
Monty Breneman	Salina	Natural Resources Conservation Service
Jim Krueger	Abilene	Kansas Association of Conservation Districts
Julie Carey	New Strawn	US Army Corps of Engineers
Tom Stiles	Topeka	Kansas Department of Health and Environment
Rob Reschke	Manhattan	KS Dept. of Ag, Division of Conservation
Leslie Holthaus	Marysville	Marshall Co Conservation District
Galen E Biery	Topeka	Ks River Water Assurance District #1
Margaret Fast	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office
Katie Ingels	Topeka	Kansas Water Office
Dana Ladner	Manhattan	Kansas Department of Agriculture
Tracy Streeter	Topeka	Kansas Water Office

Welcome and Introductions:

Self-introductions were made.

Milford Lake – Harmful Algae Blooms

Tracy Streeter and Tom Stiles asked for time at the beginning of the meeting to discuss the issue of the summer long algae blooms at especially the upper end of Milford Lake. The communities have become very interested and concerned. At the same time, the users on the Kansas River are concerned when releases are made, possibly transporting toxins to the river and to downstream water supply intakes. Tracy asked the Committee to consider having their October RAC meeting

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov



Kansas Regional Advisory Committee Meeting Notes

at Milford Lake. The Committee agreed to meet October 7 at Milford at 9. Special invites to area residents and decision makers would be issued.

Water Vision Education and Public Outreach Supplement Presentation – Dana Ladner, KDA

Dana reviewed the education supplement of the vision. This is posted on the KWO website on the Vision page.

Report from Kansas Water Authority September 1 Meeting – Sarah Hill - Nelson

Sarah reported that the KWA approved the Kansas RAC action plan on the Kansas Watershed Basin Management System, Sedimentation and Algae Blooms. There is interest potentially piloting the KBWM as a way for regions to fund and solve their own problems.

Focus on Goal 4 – Water Consumption: By 2035, reduce per capita water consumption by 10 percent by 2035 through conservation, education and pricing mechanisms.

A draft action plan was included in the meeting materials that had been developed from member input. Included was a proposal to develop a financial arm of the Kansas basin watershed Management System which would incentivize wise use of water and implement conservation measures when necessary. The key concept was a fee that could help make the connection between use and protection of water. This was recognized as a long term goal. This idea generated significant discussion. It was decided to pull out the financial discussion and place it in a separate section, keeping the sections on unaccounted for water and conservation plans under this goal 4. Members were asked to send bullet points on their ideas on generating funding locally that could be spent regionally.

Public Comments:

Allyn had made testimony to the Blue Ribbon Funding Task Force that is linked here.

http://www.kwo.org/Vision/BRTF/April2016_PublicInput/Funding/Rpt_Testimony_Funding.pdf

Next Meetings:

RAC

- October 7, 9:00 am – RAC meeting, Milford Lake. Goal 4 and HAB

KWA

- October 18, 2016



Kansas Regional Advisory Committee Meeting Notes

July 13, 2016
Conference Call Meeting

Members Attendance:

Name	City	Category	Term	Present
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	No
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	No
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	No
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

Name	Town	Representing
Katie Tietsort	Topeka	Ks Dept. of Ag
Rob Reschke	Manhattan	KS Dept. of Ag, Division of Conservation
Margaret Fast	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office

Roll Call:

Margaret called roll to determine that a quorum of the members were present.

Input to Kansas Technical Committee meeting – Katie Miller

Katie had reported at the July 7th RAC meeting on her attendance at the NRCS Kansas Technical Committee subcommittee on EQIP on behalf of the RAC. Since that time, Katie has continued to work with the agencies to develop a common recommendation to the KTC, which meets July 20. Katie had distributed (through Margaret) to the RAC a proposed letter to the KTC on the ranking system. Each point in the letter was reviewed and discussed by the RAC. Katie mentioned that the priorities on the reservoirs may still be tweaked. Greg asked if population served is considered; the priority is more related to sediment locating. On the item recommending the SWAT model priority subwatersheds be used for ranking, a question was raised whether this is just for sediment or if phosphorus was included. Katie would inquire. Once maps of priority areas are updated, they will be shared with the RAC.

Greg moved to approve these recommendations with allowances for needed modifications, giving Katie Miller the authority to speak on behalf of the RAC; Marlene seconded. Motion carried unanimously.

In addition, a letter was reviewed from the Kansas Forest Service to the KTC requesting that a conservation practice on streambank protection be added as an eligible EQIP practice to the RCPP Grant that the Forest Service. Greg moved and Glen seconded that Katie be authorized to sign on behalf of the RAC. The motion passed unanimously.

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov



Kansas Regional Advisory Committee Meeting Notes

Other Items

Dan Howell ask that at some point the committee discuss current changes in the CRP program.

Next Meetings:

August 3, 8:30 am - Webinar. Focus on Goal 4 – conservation.

August 8, 1:00 – RAC meeting, KWO conference Room. Finalize Action Plans for goals 1 and 2. Discuss crafting action plan for goal 4.

August 31-September 1 – KWA meeting, Emporia. Sarah Hill Nelson plans to attend

September 8, 9:30 am – RAC meeting, KWO conference room. _ Continued discussion and possible action on Goal 4.

October 6, 9:30 am – RAC meeting, Westar Professional Development Center. All Goal Action Plans finalized.

October 18-19 (TENTATIVE) – KWA meeting

November 14-15 – Governor’s Conference on the Future of Water



Kansas Regional Advisory Committee Meeting Notes

July 7, 2016
Kansas Water Office Conference Room

Members Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	No
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	No
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietsort	Topeka	Ks Dept. of Ag
Tom Stiles	Topeka	Ks Dept. of Health and Environment
Amanda Reed	Topeka	Ks Dept. of Health and Environment
Galen E Biery	Topeka	Ks River Water Assurance District #1
Rob Reschke	Manhattan	KS Dept. of Ag, Division of Conservation
Roberta Spencer	Holton	Jackson Co Conservation District
Nina Meyer	Washington	Washington Co Conservation District
Amy Bott	Washington	Washington Co Conservation District
Margaret Fast	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office
Ginger Harper	Topeka	Kansas Water Office
Kirk Tjelmeland	Topeka	Kansas Water Office
Brad Loveless	Topeka	Westar/Kansas Water Authority
Thomas Topi	Kansas City	US Army Corps of Engineers

Welcome and Introductions:

Self-introductions were made.

June 17 Meeting Note Review:

The meeting notes were accepted as written.

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov



Kansas Regional Advisory Committee Meeting Notes

Report from Kansas Technical Committee meeting – Katie Miller

Katie attended the NRCS Kansas Technical Committee subcommittee on EQIP on behalf of the RAC as per the Kansas Basin Watershed Management System. The agencies that would constitute the Leadership committee were also in attendance. There was discussion about priorities within the Kansas Region and across the state. Katie agreed to continue to work with the agencies to develop a recommendation to the KTC, which meets July 20. Katie will distribute a proposal for review by the RAC; a conference call meeting to discuss was scheduled for July 13, 8:30 am.

Focus on Goals 1 and 2 Action Plan Development

Earl Lewis had prepared a draft for discussion as follow-up from the webinar he presented on June 30 to begin the discussion of the reservoir storage goals. The draft as revised during discussion is attached to these notes.

The committee was encouraged to review the Reservoir Roadmap prior to the August 8 meeting, focusing on the Kansas Basin Section and Volume II. The links are:

http://www.kwo.org/Reservoirs/ReservoirRoadmap/Rpt_Reservoir_Roadmap_Volume_II.pdf

http://www.kwo.org/Reservoirs/ReservoirRoadmap/Rpt_Reservoir_Roadmap_Volume_III_KLR.pdf

The entire Reservoir Roadmap, as well as a variety of additional information about reservoirs can be found here:

<http://www.kwo.org/Reservoirs.html>

The August meeting will have a focus of review and possible approval of the draft action plan for Goals 1 and 2.

Review of KDHE information on funding needs for nutrient and HAB control

Amanda Reed reviewed the Milford WRAPS plan to determine costs for implementation of nutrient reduction BMPS. The presentation she used is posted on this page: <http://www.kwo.org/Regional-Advisory-Committees.html>

As a result of the discussion, the HAB action plan for Goal 5 was revised to include funding needs. In addition, the sedimentation action plan for goal 3 was revised to assure consistency in language. (Both of these plans are attached to these notes).

Overview of Huntzinger Proposal: An example of an implementation project for Kansas Basin Watershed Management System

The strategy for managing Corps land to protect Clinton reservoir had been presented by Tom Huntzinger to the Blue Ribbon Funding Task force and was included in the mailing materials for the July 7 RAC meeting. This is the type of proposal that could be evaluated and prioritized within the Kansas Basin Watershed Management System. Since the proposal dealt with public lands, and that is an action item in both the sedimentation and HAB goal action plans, Tracy Streeter mentioned that he had initiated discussion with KDWP, the agency that manages the land. He suggested it may be useful for the RAC to invite the KDWP to provide information on how public lands are handled now. The committee agreed. KWO staff was asked to determine the best time for that presentation, in view of the other work the RAC is doing on goal action plan development.

Public Comments:

Allyn Lockner made a comment that the funding needs suggested in the action plans should state that they be adjusted for inflation. The RAC discussed and determined that wasn't needed. He also commented that there should be a review of the needs to maintain reservoir level before or along with undertaking dredging. The RAC determined this was already covered in the draft action plan and would have further discussion at the next meeting.



Kansas Regional Advisory Committee Meeting Notes

Next Meetings:

July 13, 8:30 am – teleconference re: KTC input

August 3, 8:30 am - Webinar. Focus on Goal 4 – conservation.

August 8, 1:00 – RAC meeting, KWO conference Room. Finalize Action Plans for goals 1 and 2 (Reservoir Storage). Discuss crafting action plan for goal 4 (Conservation).

August 31-September 1 – KWA meeting, Emporia. Sarah Hill Nelson plans to attend

September 8, 9:30 am – RAC meeting, KWO conference room. Continued discussion and possible action on Goal 4.

October 6, 9:30 am – RAC meeting, Westar Professional Development Center. All Goal Action Plans finalized.

Committee To Do Items:

1. Review Reservoir Road map (see links above)
2. Review draft action plan for goals 1 and 2 (action plan drafted by Earl Lewis and discussed July 7).



Kansas Regional Advisory Committee Meeting Notes

Kansas Regional Advisory Committee Meeting

June 17, 2016

Westar Professional Development Center, Topeka, Ks

Members Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	No
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	No
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietsort	Topeka	Ks Dept. of Ag
Tom Stiles	Topeka	Ks Dept. of Health and Environment
Amanda Reed	Topeka	Ks Dept. of Health and Environment
Galen E Biery	Topeka	Ks River Water Assurance District #1
Jacob Gray	Topeka	Ks Division of Emergency Management
Jarran Tindle	Manhattan	Kansas Forestry Service
Rob Reschke	Manhattan	KS Dept. of Ag, Division of Conservation
Wayne Luckert	Topeka	Shawnee Co. Conservation District
Judy Boltman	Topeka	Shawnee Co Conservation District
Roberta Spencer	Holton	Jackson Co Conservation District
Nina Meyer	Washington	Washington Co Conservation District
John Wunder	Valley Falls	State Conservation Commission
Margaret Fast	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office
Ginger Harper	Topeka	Kansas Water Office
Amanda Sales	Topeka	Kansas Water Office
Martin Koch	Topeka	Kansas Water Office
Thomas Topi	Kansas City	US Army Corps of Engineers

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov

Welcome and Introductions:

Self introductions were made.

April 29 Meeting Note Review:

Sarah reviewed the last the work of the committee since they first met in October 2015. A system for coordination of targeting of funding and technical assistance has been the focus of each meeting. The April 29 meeting notes described the discussion and transition. They were accepted as written.

Action Plan Review:

Kansas Basin Watershed Management System Action Plan

With the purpose of clearly describing the Kansas Basin Watershed Management System (KBWM System), the committee removed any description of the KBWM System from the Sedimentation and Harmful Algal Bloom (HAB) Action Plans and put it into a separate document (action plan) that would apply to both the Sedimentation and HAB Action Plans. A variety of changes were made to the draft included in the mailing, including:

- Moving “Action is Grassroots” to the top of the list of the four key principles;
- Adding Kansas Forest Service to the Kansas Interagency Watershed Leadership Team;
- Adding the encouragement of cross-jurisdictional coordination with the state of Nebraska and federally-recognized Tribes;
- Placing the 4 key principle bullet point on the charts, as well as flipping the chart to show the WRAPS stakeholder leadership teams, conservation district boards and landowners at the top of the chart to emphasize the importance of the grassroots action. In the revised version of the chart the KBWM Interagency Watershed Leadership Team shows that it is serving in a supportive role to the landowners who must work together to make the final determination of which projects are executed within the prioritized region.

Each of these changes were discussed and passed by unanimous votes of the committee. Other editorial changes were also made.

Glen moved and Katie seconded that the Kansas Basin Watershed Management System Action Plan be approved as modified. Motion carried unanimously.

Sedimentation Goal Action Plan

This Plan was then reviewed bullet by bullet. The KBWM System is incorporated by reference. A variety of editorial changes were made. A motion was made to modify the statement as shown: “Within ~~ten~~ five years all state and federal lands surrounding each reservoir ~~and~~ in the watershed must have implemented best management practices as identified through the KBWM system.” Those changes carried by majority vote. Blake moved and Darci seconded that the Sedimentation Goal Action Plan be approved as modified. Motion carried unanimously.

Harmful Algal Bloom Goal Action Plan

Sarah began the discussion clarifying that even if the goal is not attainable as currently worded, the KWA has advised the RACs to develop action plans to get started addressing the goal, with modification later if needed. A variety of clarifying and editorial changes were made, including a determination to consistently refer to “harmful algal blooms,” incorporating the KWBM system by reference and ordering points in a manner consistent with the Sedimentation Goal Action Plan. Dan moved and Glen seconded to approve the Harmful Algal Bloom Goal Action Plan as modified. Motion carried unanimously.



Kansas Regional Advisory Committee Meeting Notes

Public Comments:

Allyn Lockner made comments on the Plans that went to the need for technical training, accountability and record keeping, working with Nebraska and the Tribal nations in Kansas. Each of those points was discussed and the committee either determined the plans already addressed the comment (i.e. the need for technical assistance) or added a comment (coordination with Nebraska and federally recognized tribes).

Next Meetings:

June 30, 8:00 am - Webinar. Earl Lewis will provide a webinar on background on reservoir storage as the committee moves into discussion of the next goals.

July 7, 9:30 – RAC Meeting, KWO Conference room. Agenda will include discussion of goals 1 and 2, information from KDHE about funding needed for nutrient and harmful algal bloom control, and an overview and possible endorsement of Tom Huntzinger proposal as presented before the Blue Ribbon Funding Task Force for Water Resources Management.

August 8, 1:00 – RAC meeting, KWO conference Room. Finalize Action Plans for goals 1 and 2.

August 31-September 1 – KWA meeting, Emporia

September 8, 9:30 am – RAC meeting, KWO conference room. Discussion on goal 4.

October 6, 9:30 am – RAC meeting, Westar Professional Development Center. All Goal Action Plans finalized.

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov



Kansas Regional Advisory Committee Meeting Notes

Kansas Regional Advisory Committee Meeting

April 29, 2016 9:30 am

Westar Professional Training Facility

Topeka, Kansas

Members' Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	Yes
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietzort	Topeka	Ks Dept. of Ag
Roger Wolfe	Topeka	Ks Dept. of Wildlife, Parks and Tourism
Tom Stiles	Topeka	Ks Dept. of Health and Environment
Amanda Reed	Topeka	Ks Dept. of Health and Environment
Galen E Biery	Topeka	Ks River Water Assurance District #1
Rob Reschke	Manhattan	KS Dept. of Ag, Division of Conservation
Bob Atchison	Manhattan	Kansas Forestry Service
Bruce Wells	Salina	NRCS
Wayne Luckert	Topeka	SN CO conservation district
Jim Krueger	Abilene	Kansas Association of Conservation Districts
John Wunder	Valley Falls	State Conservation Commission
Margaret Fast	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office
Earl Lewis	Topeka	Kansas Water Office
Cara Hendricks	Topeka	Kansas Water Office

Welcome and Introductions:

Self-Introductions were made.

Meeting notes:

Meeting notes from February and March were reviewed. The February 25, 2016 meeting notes were approved as mailed.

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov

In the March 25 meeting notes, a comment about Division of Conservation funding being first come first served was discussed and modified to read “All projects that come in are ranked and prioritized as determined by the county; it is voluntary for the landowner to apply.”

During the discussion of the March meeting notes, a variety of issues were raised and points made as follows:

- Cost share money is distributed to every county, not necessarily as a legal requirement, but in accordance with state appropriations, which is law.
- Some funding through the Division of Conservation is currently specifically targeted to watersheds or to priority areas that have been established in conjunction with the Kansas Department of Health and Environment (KDHE). This funding is in a specific set-aside account. The source of the funds is the state water plan fund.
- One member thought this sounded very ad hoc and based on the squeaky wheel. There was elaboration to indicate how prioritizing was done.
- Maps of priority areas that are now established will be shared with the committee. These include the TMDL priority watersheds and the Regional Conservation Partnership Program See attached map.
- The Watershed Restoration and Protection Strategy (WRAPS) funding is committed to implementation of the approved Nine-Element Plan based on a formula that includes implementation performance as measured by load reduction estimates and water quality monitoring data per dollar spent. Accountability for public money committed to the program is included in the WRAPS funding formula; projects with lower performance may not rank high enough to get funding.
- There is maintenance of practices for a specific time period depending on the practice, regardless of whether it is funded through WRAPS or the Conservation Districts.

March meeting notes were approved as modified as shown above.

Updates since March Meeting: Focus on the Kansas Basin Watershed Management (KBWM) System

A key purpose of the April meeting was to flesh out the KBWM System concept as it has been discussed and developed through the course of the Kansas RAC Meetings. This proposed system has continued to take form as the Kansas RAC has met. At this time, the Kansas RAC has expressed a desire to use the KBWM System as a methodology to be used in both the Sedimentation and Harmful Algal Bloom (HAB) Action Plans, at a minimum.

One area of agreement in discussions on the KBWM System is that there are lots of good things currently being done to install sediment and nutrient best management practices by the NRCS, DOC, conservation districts, Kansas Forest Service, WRAPs, and others. Although there are many good things happening and progress has been made, the RAC proposes that significantly increased coordination and watershed prioritization is critical to achieving the sedimentation and HAB goals established for the Region. In recognition that there are many things working well with the allocation and distribution of current funding, the Kansas RAC elected to propose that the KBWM System be used for all new dollars allocated. This would allow the KBWM System to serve as a pilot project.

Prior to the March meeting, the RAC Members were requested to submit flowcharts or org charts that would help clarify how each member thought the KBWM System would function best. The flowcharts submitted prior to the meeting had been reviewed by the KWO and the chairperson in preparation for the April meeting. The chart submitted by Marlene Bosworth that was included with the mailing materials, was reviewed first, because it was determined that it best reflected previous discussions held by the RAC. The Bosworth Chart conveys additional coordination (handled by the KS Interagency Watershed Committee), but also clearly illustrates the importance of continued local/landowner input and relationships with the conservation districts and the regional WRAPs that are already in place. The Bosworth Chart also illustrates an enhanced communication and coordination between the conservation districts and the WRAPs groups.



Kansas Regional Advisory Committee Meeting Notes

As discussed and/or illustrated by the Bosworth Chart, the KS Interagency Watershed Committee would be coordinated by the Kansas Water Office. The KS Interagency Watershed Committee would be responsible for establishing the science-based prioritization of projects, and ensuring that new funding was distributed to address the most critical problems in the watershed. These dollars and associated projects would be handled by existing agencies (Conservation Districts, WRAPs, NRCS etc.), but would have received funding based on their classification as a high priority project by the KS Interagency Watershed Committee. This coordinated approach would ensure that all organizations that work on addressing sedimentation and HAB issues would know which areas were prioritized (for sedimentation or HABs), and which agencies had funding. (Note: It was noted that it would be difficult to make decisions with a very large committee. In response to that, the chairperson conferred with various agencies and developed the concept of the Kansas Interagency Watershed Committee Leadership Team. It is suggested that this smaller group would be informed by the larger Interagency Watershed Committee, but final decisions regarding funding allocation to various regions would be handled by the smaller leadership group).

A question came up if conservation district money can be split into watershed pots. Some is now, but not all. Under the KBWM System, one might envision that a single conservation district could potentially work with two or more watershed areas, such that some of the funding that conservation district received would be designated only for a small portion of that district.

The Bosworth Chart also illustrates strong relationships between the RAC, the Kansas Interagency Watershed Committee, and the NRCS technical committee. Bruce Wells, NRCS, elaborated on the NRCS Kansas Technical Committee (KTC) role. They generally meet 1 time per year, with committee meetings held prior. The purpose is to make recommendations to the state conservationist to align programs with state needs. (The committees are meeting the week of June 20th this year). NRCS money is assigned to specific resource concern areas, however the committees can provide suggest priorities to the KTC. The state conservationist takes the recommendations seriously.

One member thought the system being discussed was getting too bogged down in the weeds. One RAC member has consistently suggested a clearinghouse to help producers get help that is needed. Between the local conservation districts, the NRCS, and the WRAPS coordination, there needs to be an idea of the best project, and the groups need to work together to make action on the part of the landowner easy and accessible. It was highlighted that what works best for a landowner is not necessarily the RACs priority; however these are voluntary programs. That is why the RAC has included "Outreach" as the 3rd key principle in the KWBM System. As illustrated by the Bosworth Chart, the priorities would be set by the KS Interagency Watershed Committee, but the Outreach portion would be handled by WRAPS Coordinators in collaboration with Conservation Districts. With the additional communication and collaboration which is anticipated as a result of the KWBM System, WRAPS Coordinators should have increased capacity to act as a single point of communication (or clearinghouse as suggested by one member) to communicate all the opportunities available to landowners and to shepherd them through the various processes required to receive funding for projects.

The streambank model was reviewed as an example. This is a coordinated approach among KDHE, KWO and KDA that was developed over several months that emphasizes increased interagency communication and coordination, interagency priorities, and pooling of resources, with a unified outreach strategy to promote awareness and support. This streambank model served as a model for many aspects of the KBWM System.

The committee then heard from Greg Wilson who had also submitted a flowchart elaborating on his idea of a process to prioritize projects. This was included with the meeting materials. A key takeaway from the Wilson Chart was that the RAC needed to ensure accountability through the KBWM System. This accountability is still under discussion by the



Kansas Regional Advisory Committee Meeting Notes

RAC, but key aspects include required annual reporting from funding recipients which would inform decisions the KS Interagency Watershed Committee would make with regard to subsequent years' funding.

The discussion then returned to review of the draft sedimentation plan in the context of the Bosworth chart. Many of the points in the plan were agreed to. During this discussion, the idea of applying an enhanced watershed prioritization to new money only was emphasized. The committee took a look at a flow chart that was not in the mailing that was modeled after the streambank approach described above. New money would be funneled through the KWO to the agencies to be applied to priority projects identified locally and prioritized through a management team. Accountability and transparency would be paramount. Current funding would continue basically as is, with enhanced coordination at the local level between conservation districts and WRAPS coming as a byproduct of the KBWM System which would be in place for new money only.

As discussion continued looking again at the sedimentation plan, it was recognized that the plan that was in the mailing was not the latest, however, the one that was reviewed on the lap top did include recent changes, including highlighting the 4 points that describe the system right up front. Because of the confusion, and the time, discussion on the sedimentation plan will be continued in the next meeting.

Harmful Algae Bloom (HAB) Goal Action Plan

Heath had prepared a comprehensive list of HAB practices that included in-lake and out-of-lake watershed management practices. These had been included in the meeting materials. He reviewed these and Sarah asked that all review prior to next meeting.

Next meeting

RAC - The next KS RAC meeting will be June 17, 9:30 am. The meeting will focus on the sedimentation and HAB action plan. The Kansas Basin Watershed Management System is applicable to both plans and the Action Plans will be reviewed in the context of the KBWS System to ensure that the plans fit within the KBWM System as it has evolved and that the Committee remains in agreement on all points.

The next goal the committee will work on is "to increase water storage capacity and availability". Sarah asked Earl Lewis to prepare an informational seminar.

KWA meeting - May 18-19 - Katie Miller will represent the region at the May 18 KWA meeting in Oakley. She will highlight the 4 elements of the system.



Kansas Regional Advisory Committee Meeting Notes

Kansas Regional Advisory Committee Meeting

March 25, 2016 9:30 am

Westar Professional Training Facility

Topeka, Kansas

Members' Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	Yes
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	No
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietsort	Topeka	Ks Dept. of Ag
Roger Wolfe	Topeka	Ks Dept. of Wildlife, Parks and Tourism
Tom Stiles	Topeka	Ks Dept. of Health and Environment
Amanda Reed	Topeka	Ks Dept. of Health and Environment
Galen E Biery	Topeka	Ks River Water Assurance District #1
Troy Munsch	Manhattan	NRCS
Rob Reschke	Manhattan	Ks Dept. of Ag-Division of Conservation
Wayne Luckert	Topeka	SN CO conservation district
Margaret Fast	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office

Welcome and Introductions:

Self-Introductions were made.

Focus on Kansas Basin Watershed Management System (KBWMS)

The meeting focus was to discuss the KBWMS and hear from the agencies how this might work. The system is characterized by 4 key elements – It is watershed based, prioritization is science based and accounts for the entire watershed, there is an active outreach component to recruit landowner participation and the grassroots bottom up input on priorities and action is the basis. After initial opening discussion, Sarah opened the floor to the agencies.

- Conservation district is a delivery mechanism for state programs,

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov

- They work with NRCS and wraps to meet the needs of their county.
- All projects that come in are ranked and prioritized as determined by the county; it is voluntary for the landowner to apply.
- There are some shared overarching goals, i.e. TMDL, SWP
- Counties do have authority to work with another county.
- Watershed priorities mean not everyone gets a piece of the pie.
- Elected supervisors do set priorities for funding, special funding could be set
- NRCS can knock on doors and do outreach, landowners meetings, etc.
- Technical assistance
- This basic approach is what is similar to DOC – prioritized projects, TA and funding
- The idea can works from WRAPS program perspective; challenge is the coordinator for the area is usually ½ time – couldn't sell \$5 million in a year!
- TA is a a bottle neck
- Coordination + organization is key (coordinization)
- Does the chart convey too much top down
- Forest service sees holistic watershed management as a benefit
- RCPP is new targeted program
- Have priorities and outreach
- Peer to peer mentoring
- New CREP will have focus in Kansas; The Nature Conservancy has new program; RCPP is focused here
 - Possible out of these and existing do a pilot?
 - Working within the existing structure and boundaries
- Get recommendations to KTC; recommend a “pilot” type approach
- Need a strawman for this approach
- Why create another structure,
- State and federal programs not as silo' d as it sound; there are agreements among the agencies now; there are personality issues that interfere at times
- The streambank model is a good one
- Recommendations could be made to the KTC for priorities on the annual allocation for EQIP to NRCS
- There are various priorities now
 - WG to groups of counties
 - Grazing land health in zones
 - Wildlife resource concern, etc.

Challenge to members – draw your own flow chart, diagram to show how this could work. Add costs if possible. Agencies will do one of how it works now.

Next Meeting

Next RAC meeting will be April 8, 2016, 9:30 at the same location. Focus will be on the flow chart and the plan focused on the KS BWMS.

Sedimentation information that was ready for discussion on HAB; and any new links will be posted with notes.



Kansas Regional Advisory Committee Meeting Notes

Kansas Regional Advisory Committee Meeting

February 25, 2016 9:30 am
Westar Professional Training Facility
Topeka, Kansas

Members' Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	Yes
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	Yes
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietsort	Topeka	Ks Dept. of Ag
Roger Wolfe	Topeka	Ks Dept. of Wildlife, Parks and Tourism
Tom Stiles	Topeka	Ks Dept. of Health and Environment
Amanda Reed	Topeka	Ks Dept. of Health and Environment
Galen E Biery	Topeka	Ks River Water Assurance District #1
Jennifer Graham	Lawrence	US Geological Survey
Kerry Wedel	Topeka	Delaware WRAPS
Margaret Fast	Topeka	Kansas Water Office
Ginger Harper	Topeka	Kansas Water Office
Tracy Streeter	Topeka	Kansas Water Office

Welcome and Introductions:

Self-Introductions were made.

Approval of Notes:

January meeting notes were approved as presented.

How are Water Projects in Kansas Funded?

Margaret Fast presented an overview of funding, primarily focused on the State Water Plan Fund.

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov

Harmful Algal Bloom Action Plan:

The majority of the meeting was on finalizing the goal action plan. Sarah highlighted the Kansas Basin Watershed Management System as the structure through which HAB as well as sedimentation will be addressed. The priorities of the system are that it is watershed based, with science-based prioritization, has a strong outreach component and grassroots input and actions.

HAB presentation: Jennifer Graham, USGS gave an overview of a 5-year study in the Kansas River looking at sources, frequency of occurrence and potential causes of algal toxins and taste and odor causing compounds in the river, along with models to provide estimates that water supplies could use. The presentation also highlighted some similarities and differences between events in the Kansas River and the Ohio River that occurred during the summer of 2015. The presentation is posted on the KWO web site.

The discussion then returned to discussion of the draft plan and revision of a revised chart showing the Ks Basin Watershed Management System. **The reworked draft plan and chart are attached.**

Three homework items were volunteered for that will be discussed at the next meeting:

- List of BMP's to address algal blooms
- Management practices to avoid
- Feedback on annual RAC meeting in the watershed

General Format Comments on Sedimentation Action Plan:

There were none at this time. However, RAC members should continue to save notes and comments for final review and adjustment of the Sedimentation Action Plan at a later point.

Remaining Goal Action Plan Timing:

The RAC plans to continue work on the goals as follows:

- March – Complete work on HAB Draft Plan
- April/May – Work on per capita water consumption reduction goal
- June/July – Work on water storage capacity goal, as well as additional storage possibilities (2 goals)

Public Comments:

Allyn Lockner has been working on Collaborative Action planning. He offered to share work he has done on building and maintaining collaborative working relationships.

Agency Comments

DWR provided a short update on the development of rules and regulations.

Next Meeting

Next RAC meeting will be March 25, 2016, 9:30 at the same location.



Kansas Regional Advisory Committee Meeting Notes

Kansas Regional Advisory Committee Meeting

January 13, 2016 9:30 am
Westar Professional Training Facility
Topeka, Kansas

Members' Attendance:

<i>Name</i>	<i>City</i>	<i>Category</i>	<i>Term</i>	<i>Present</i>
Marlene Bosworth	Sabetha, KS	Conservation/Environment (cc)	2019	Yes
Brad (William) Bradley	Overland Park, KS	Fish and Wildlife	2017	Yes
Glenn Brunkow	Westmoreland, KS	Agriculture (cc)	2017	Yes
Dawn Buehler	Eudora, KS	Recreation	2019	Yes
Blake Follis	Topeka, KS	At Large Public (cc)	2019	Yes
Sarah Hill-Nelson, Chair	Lawrence, KS	Industry/Commerce	2019	Yes
Heath Horyna	Topeka, KS	Industry/Commerce (cc)	2017	Yes
Daniel Howell	Frankfort, KS	Agriculture	2017	Yes
Darci Meese	Lenexa, KS	Public Water Supply (cc)	2019	Yes
Katie Miller	Junction City, KS	Conservation/Environment	2019	Yes
William Ramsey	Leawood, KS	Planning, Restoration and Protection	2017	No
Sharon Schwartz	Washington, KS	WRAPs	2019	No
Greg Wilson	Olathe, KS	Water Assurance District	2017	Yes

Others in attendance:

<i>Name</i>	<i>Town</i>	<i>Representing</i>
Allyn Lockner	Topeka	Himself
Katie Tietsort	Topeka	Ks Dept. of Ag
Roger Wolfe	Topeka	Ks Dept. of Wildlife, Parks and Tourism
Tom Stiles	Topeka	Ks Dept. of Health and Environment
Travis Sieve	Topeka	Ks Dept. of Health and Environment
Julie Coleman	Topeka	Ks Dept. of Health and Environment
Galen E Biery	Topeka	Ks River Water Assurance District #1
Guy Foster	Lawrence	US Geological Survey
Jennifer Graham	Lawrence	US Geological Survey
Margaret Fast	Topeka	Kansas Water Office
Ginger Harper	Topeka	Kansas Water Office
Earl Lewis	Topeka	Kansas Water Office

Welcome and Introductions:

Self-Introductions hosted by Chairperson Sarah Hill Nelson.

Approval of Notes:

Notes from the October and December meetings were approved as presented.

Sedimentation Action Plan:

The majority of the meeting was on finalizing the goal action plan, as shown.

Membership: Sarah Hill-Nelson, Lawrence, KS; Marlene Bosworth, Sabetha, KS; Brad Bradley, Overland Park, KS; Glenn Brunkow; Dawn Buehler, Eudora, KS; Blake Follis, Topeka, KS; Heath Horyna, Topeka, KS; Daniel Howell, Frankfort, KS; Darci Meese, Lenexa, KS; Katie Miller, Wichita, KS; William Ramsey, Leawood, KS; Sharon Schwartz, Washington, KS; Greg Wilson, Olathe, KS
KWO Planner: Margaret Fast, 785-296-3185; margaret.fast@kwo.ks.gov

Sedimentation Goal Action Plan As Developed and Adopted by the Kansas Regional Advisory Committee January 13, 2016

Goal: Reduce the cumulative sediment rate of federal reservoirs and other water supply lakes by 10 percent in the Kansas region every 10 years through implementation of watershed best management practices.

Action Plan:

- Utilize the Kansas Basin Watershed Management System to reduce the cumulative sediment rate in the reservoirs and water supply lakes by 10% in the Kansas basin. This is accomplished by authorizing funding of \$5 M every year for 30 years to the System. The Kansas Basin Watershed Management System consists of the following:
 - Expand the individual WRAPS' goals to include the concept of reservoir sustainability with the goal of maintaining storage capacity in Kansas Basin reservoirs.
 - Add reservoir sustainability and reduction of sedimentation as a primary focus of the Kansas WRAPS Work Group (Work Group).
 - Action remains grassroots-driven and voluntary, but the Work Group emphasizes inter-agency coordination and prioritization of projects with sufficient state technical advisors.
 - A critical component of the additional funding includes having state technical expertise such that NRCS can dovetail and assist with projects, but the projects could go forward in the event NRCS were not available. This encourages collaboration between the two groups, but eliminates the reliance on NRCS.
 - Establish programs with universities to leverage relevant departments for expertise and student resources.
 - Underscore that the WRAPS System implements best management practices, which include a large range of measures.
 - Expand upon the already existing coordination among relevant state and federal agencies to incorporate additional goals as they are developed by Regional Advisory Committees (RACs).
- The System will be administered with an overall sediment reduction goal of 10% for the entire basin, not per reservoir, over 10 years.
- Achieving the stated goals requires the broadest participation possible. To effect a science-based solution, it is important that all relevant lands be analyzed to assess their issues and identify solutions. This may be a long-term process.
- Within ten years, all state and federal lands surrounding each reservoir must have implemented best management practices.
- We encourage Kansas to develop a state-wide goal that all lands within the State will have voluntary Comprehensive Conservation Plans. Potential methods to achieve this include the following:
 - By the end of the ten year goal time frame, all Kansas watershed and soil conservation dollars will only be distributed to lands which have completed a voluntary Comprehensive Conservation Plan, assistance with which will be provided by the WRAPS System.
 - By the end of the ten year goal time frame, we encourage all land adjacent to Kansas streams to employ best management practices, such as buffers.
- Education about the WRAPS system and its goals and functions should be included in the Governor's "Water Vision Education and Outreach Program."

Funding Recommendations

The Kansas Water Authority (KWA) has specifically requested that the RACs put forth concepts on how we should fund raise to pay for the necessary work. Should we make this a subset of our recommendations? (**NOTE:** Since the January meeting of the KWA, discussion on this item will be delayed until the other action plans are completed).

Previously-discussed options:

- Revisit the funding formula on the Federal side of WRAPS. Current formula relies heavily upon population. Land use should be a weighing factor. May require assistance of congressional delegation.
- Coordinate existing and additional funding through the state water plan
- Examples of Other States
 - Missouri –
 - Minnesota – new law wrapping together art & water protection
- Increase Water Fees
- Fines
- Sales Tax
- Discuss as a group

Other Items:

There was one other additional item that was not discussed due to time constraints.

Alternative Coordination & Prioritization Approach:

- One member sees a strong role for the KWA in all of this. Discuss. Is this necessary or feasible?
 - Could additional funding carry with it the requirement that WRAPS report annually to the Kansas Water Authority? Could the funds be distributed through the KWA?
 - KWA-level interstate reservoir sustainability compact? (This is a big ask.)
 - The KWA would be the group that identifies priority projects and allocates the funding. Is the KWA really prepared to do this? Concern that this would be a lot of work for the KWA that could be carried out through the proposed chart in time already allocated to agencies.
- What role does the State Conservation Commission play in all of this?

Next Goal

The next goal for development of a plan will be the harmful blue green algae bloom issue: “After 2020, reduce duration and frequency of harmful algae blooms disrupting recreation in lakes such that blooms last under a week and do not occur until after Labor Day”. A webinar will be held Tuesday, January 26, 9-10:30. The focus will be:

1. Define what the problem is
2. Identify what’s been done to date
3. Identify where the gap is and what needs to be done.

Next Meeting

January 26, 2016, 9:00am – Webinar on Harmful Algae Blooms
February 25, 2016, 9:30 RAC meeting.