

MEMO



DATE: October 6, 2011
TO: Neosho Basin Advisory Committee Members
FROM: Bobbi Wendt, Kansas Water Office
CC: Neosho Basin Agency Advisors
RE: October 20, 2011 BAC meeting

901 S. Kansas Avenue
Topeka, KS 66612
Phone: (785) 296-3185
Fax: (785) 296-0878
www.kwo.org

The next meeting of the Neosho Basin Advisory Committee (BAC) will be held at **1:00 p.m., Thursday, October 20, 2011 at the Schermerhorn Park in the outdoor Main Pavilion, but if the weather is questionable we will meet inside at the Schermerhorn Park Nature Center. The address for both is 3501 S. Main St., Galena, KS** (map included).

Prior to the BAC meeting there will be a tour at 10:00am of the Downstream Casino Wetland. The tour will be approximately 1 hour, with lunch following the tour at the Downstream Casino Resort. Please note that if you are attending the tour, we will be meeting at the northern boundary of the parking lot, where the semis and RV's park, near the retention pond. The lunch will be buffet style and will be \$11.45/person (this includes the buffet, drink, and gratuity). The following link will provide directions to the Resort:

http://www.downstreamcasino.com/About_Directions.aspx

If you plan on attending the lunch you must [RSVP to Carl Hayes at \[chayes@cherokeecountyks.org\]\(mailto:chayes@cherokeecountyks.org\) or call 620-674-1480 by \[October 17th\]\(#\).](#)

Members of the BAC will review the Kansas Water Authority FY 2013 budget recommendations for the *Kansas Water Plan*. Information on this topic is attached. The BAC will also discuss WRAPS Projects and Multi-State Cooperation efforts.

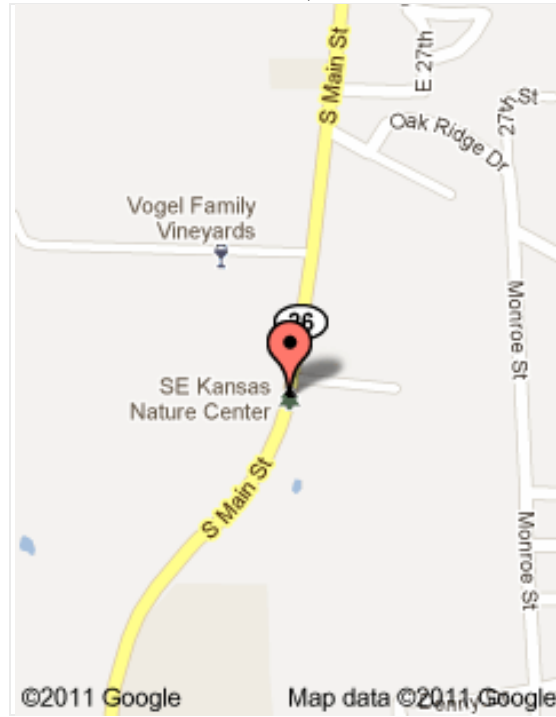
Enclosed are materials for the October 20th meeting:

- Agenda
- Press Release
- Meeting notes for the June meeting
- FY 2013 State Water Plan Fund Budget Recommendations Memo
- BAC application*

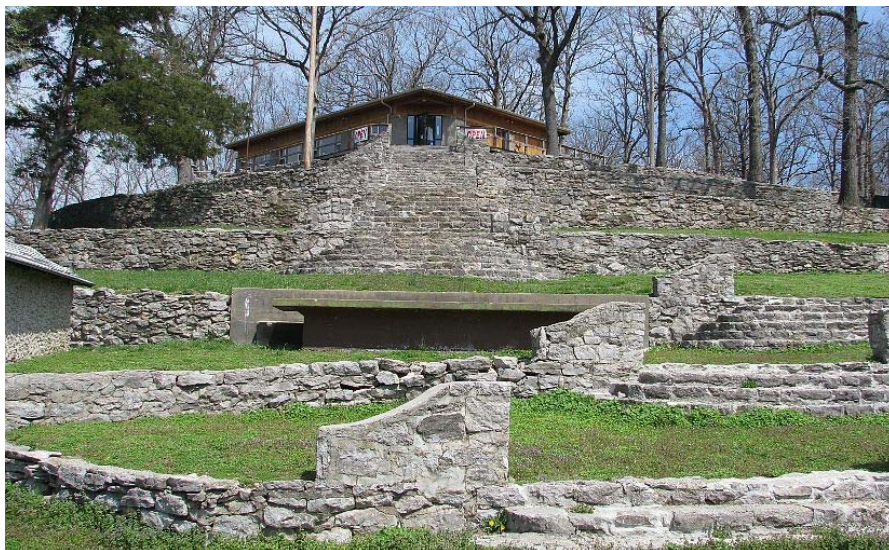
* Included in BAC members mailing materials only.

If you cannot attend, or have any questions or concerns regarding the meeting, please contact me by telephone at (785) 296-0868 or by e-mail at bobbi.wendt@kwo.ks.gov.

**Schermerhorn Park - Main Pavilion
3501 S. Main St.
Galena, KS**



Schermerhorn Park's outdoor pavilion area



Nature Center at top of hill

Neosho Basin Advisory Committee
Thursday, October 20, 2011, 1:00pm
Schermerhorn Park - Main Pavilion
3501 S. Main St.
Galena, KS

1. Welcome and Introductions

2. BAC Approval of Agenda

3. Agency Reports *

4. Public Comments**

5. Reports:

6. BAC Business

- a. Approval of June Meeting Notes
- b. Kansas Water Authority Report – Peggy Blackman (Vice-Chair)
 - i. BAC Chairs Meeting – Peggy Blackman (Vice-Chair)
 - ii. KWA FY 2013 Budget Recommendations – Earl Lewis (KWO)
- c. BAC member reports on activities related to their category
- d. Basin Priority Issue Implementation
 - i. Multi-State Initiatives
 - ii. WRAPS

7. Basin Activities/Updates

- a. Drought Update
- b. Poultry Litter

8. Other Business

- a. Message(s) to the Kansas Water Authority
- b. Kansas Water Authority meeting: November 3&4, 2011 in Lawrence, KS
- c. Future BAC Meeting Dates: March or April

9. Adjourn

Note underlined items are action items for BAC.

*Oral Agency Reports are limited to 5 minutes, written reports are welcome.

**Public Comments are limited to 2 minutes per speaker on water resource issues and concerns. Other comments should be addressed to the Director of KWO.

901 S. Kansas Avenue
Topeka, KS 66612



Phone: (785)-296-3185
Fax: (785)-296-0878
www.kwo.org

Tracy Streeter, Director

Sam Brownback, Governor

FOR IMMEDIATE RELEASE:
August 23, 2011

Contact: Katie Patterson-Ingels, 785-296-0877
katie.ingels@kwo.ks.gov
www.kwo.org

Neosho Basin Advisory Committee to Hold Meeting in Galena

The Kansas Water Office's (KWO) Neosho Basin Advisory Committee (BAC) will hold a meeting to discuss current water issues affecting the basin area as well as the state.

The meeting will be held Thursday, October 20th at 1 p.m. at Schermerhorn Park Nature Center, 3501 S. Main St in Galena. An overview for the FY 2013 State Water Plan budget as well input on its development will be discussed.

The agenda and meeting materials are available at: www.kwo.org or you may request copies by calling (785) 296-3185 or toll-free at (888) KAN-WATER (526-9283).

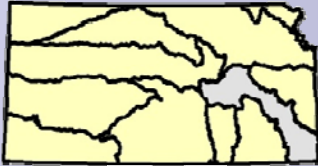
If accommodations are needed for a person with disabilities, please notify the Kansas Water Office at 901 S. Kansas Ave., Topeka, KS 66612-1249 or call (785) 296-3185 at least five working days prior to the meeting.

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

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As the state's water office, KWO conducts water planning, policy coordination and water marketing as well as facilitates public input throughout the state.

The agency prepares the KANSAS WATER PLAN, a plan for water resources development, management and conservation. KWO also reviews all water laws and makes recommendations to the Governor and Legislature for needed legislation.



Neosho Basin Advisory Committee

Meeting Notes

Neosho Basin Advisory Committee
1:00 p.m., Thursday, June 23, 2011
USFW Flint Hills Wildlife Refuge
Hartford, KS

DRAFT

Members in Attendance: Jim Triplett, Peggy Blackman, Bob Hammond, Carl Hayes, Jim Mayo, Matt Zimmerman, and Pat Sauble.

Members Absent: Steve Kubler, Morgan Marler, and Ron Nurnberg

Others in Attendance: Marilyn Eccles (Coffey County Environmental Health/LEPP), Ann Mayo (Lyon County Health Department), Jamie Gaggero (KDHE), Ann D'Alfonso (KDHE), Scott Jones (Flint Hills RC&D), Sam Seeley (Lyon County), Gerald Menefee (City of Emporia & BAC Applicant), Leonard Jirak (KDWP), Susan Metzger (KWO), and Bobbi Wendt (KWO).

Welcome and Introductions: The meeting was called to order at 1:00 p.m. by Chairperson, Jim Triplett. Jim thanked Peggy Blackman and Scott Jones for providing the lunch. Jim also thanked the USFW Service at the Flint Hills Wildlife Refuge for use of their meeting room. Jim then thanked Susan Metzger for organizing the tour of the streambank sites on the Neosho. All present provided self-introductions.

Approval of Agenda: A motion was made by Bob Hammond and seconded by Matt Zimmerman to approve the agenda. There was no discussion and a unanimous vote of approval was given.

Public Comments: There were no public comments.

Agency Reports:

Ann Mayo (Lyon County Health Department) – reported on the cuts experienced by the LEPP and that they will be funded this year by the State General Fund. LEPP was only funded for \$750,000 and will need to find a new source of funding for the next fiscal year. Ann also reported on the storm water runoff education she has been participating in with both youth and adults. She reported that the program has reached at least 300 people. She noted that in August they are hoping to replace one field inspector.

Marilyn Eccles (Coffey County Environmental Health/LEPP) – reported that she has been working on the new sanitation code and it is ready to send to the Commission for approval.

Sam Seeley (Lyon County) – reported that the County appreciates the partnership with the Neosho BAC to help with needs of the Basin.

Leonard Jirak (KDWP&T) – reported that KDWP had combined with Tourism and is incorporating economic development. Leonard reported on the status of Zebra mussels in

MEMBERS:

JAMES TRIPLETT
CHAIRPERSON
Fish and Wildlife
Pittsburg, KS

PEGGY BLACKMAN
VICE CHAIRPERSON
WRAPS
Marion, KS

CARL HAYES
At-Large Public
Columbus, KS

MATHEW ZIMMERMAN
Water Assurance District
Emporia, KS

MORGAN MARLER
Other Public Water
Supplier
Hillsboro, KS

PAT SAUBLE
Agriculture
Cedar Point, KS

ROBERT HAMMOND
Industry/Commerce
New Strawn, KS

RONALD NURNBERG
Watershed District
Emporia, KS

STEVE KUBLER
Municipal Public Water
Supply
Chanute, KS

JIM MAYO
Conservation/
Environment
Elmdale, KS

For questions please
contact:
Bobbi Wendt
Basin Planner
785-296-3185
bobbi.wendt@kwo.ks.gov

He then noted that Yates Center City Lake has worked to eradicate Eurasian Milfoil from their 210 acre lake and it looks to be successful. He also reported that Gridley City Lake is to be drained and renovated to install a water control valve and help to eliminate the carp. He then stated that the paddlefish are doing well in John Redmond Reservoir, with about 150 to 300 harvested annually.

Reports:

Ann D'Alfonso (KDHE) - reported on the status of the WRAPS projects in the Neosho Basin. Ann gave a brief summary of accomplishments and concerns of each of the 8 WRAPS groups.

BAC Business:

- a. A motion was made by Bob Hammond and seconded by Peggy Blackman to approve the March meeting notes. There was no discussion and a unanimous vote of approval was given.
- b. Jim Triplett (Chair and Fish & Wildlife) gave a report on the BAC Chairs' meeting held at the KWA meeting on May 18, 2011 in Hill City. Jim reported on the items discussed at the KWA meeting. Jim noted that the new KWA Chair, Gary Harshberger, would be chairing the next KWA meeting. Jim also discussed that Carl Nuzman, Chair for of the BAC Chairs, was stepping down and that a new Chair would need to be nominated. Jim then reported on the items discussed at the KWA meeting.

Legislative Update: Bobbi gave an update on recent legislative action including the bills that had received KWA approval for introduction. These bills included:

Bills passed by the legislature

SB 122 – Authorizing the director of the Kansas Water Office to grant easements on navigable rivers-**Passed by legislature and approved by the Governor**

SB 124 – Creating Lower Smoky Hill Water Supply Access Program - - **Combined with other legislation, passed by the legislature, pending Governor's approval**

SB 191 – Amending Water Rights Conservation Program – **Amended into SB 124**

HB 2231 – Amending provisions of water right flex accounts. – **Amended into SB 124**

HB 2357 – Creating the Arkansas River Gaging fund– **Amended into SB 124**

HB 2133 – Funding for local health departments and moneys recovered from water litigation – **Combined with other legislation, passed by the legislature and approved by the Governor**

SB 147 – Modification to Interstate Water Litigation Fund – **Amended into HB 2133**

SB 214 – Redefining "person" in the Groundwater Management District Act – **Combined with other legislation, passed by the legislature and approved by the Governor**

HB 2272 – Exempting certain minor construction projects from state and federal regulations. – **Amended into SB 214**

Bills not passed by the legislature

SB 187 – Making Water Bank Act permanent – Kansas Water Authority endorsed legislation – introduced and heard in Committee on Natural Resources, no action taken, carried forward to next session.

HB 2109 – Creating the Kansas dam rehabilitation program – Kansas Water Authority endorsed legislation– introduced and heard in Committee on Agriculture and Natural Resources, no action taken, carried forward to next session.

- i. Clean Water Act Draft Guidance: Bobbi reported on the draft guidance developed by the EPA and the US Army Corps of Engineers to determine if a waterway, water body, or wetland is protected by the Clean Water Act. She reported that the KWA would be having a GLANCE Session and teleconference concerning this on June 24, 2011 at 8:30am. Anyone interested was welcomed to call and login.

- ii. Kansas Stream Mitigation Guidance Review: Bobbi reported that the KWO has convened a group to discuss, review, and provide recommendations for amendment of the Kansas Stream Mitigation Guidance (KSMG) due to concerns expressed by Watershed Districts. The next meeting for this group is June 22, 2011.

- i. Reservoir Advisory Committee: Matt Zimmerman (WAD Assurance District) reported that Reservoir Advisory Committee had its last meeting on June 15, 2011 to discuss reservoir siting criteria evaluation. He noted that this was a multi-decade process, with the need to look at both the costs associated with it, as well as the benefits that could be gained.

- ii. Nutrient Framework Guidance: Bobbi gave an update of this stating that no new developments had occurred.

BAC Member Reports:

Bob Hammond (Industry/Commerce) - reported that the Wolf Creek had been shut down, but should be up and running this weekend. Wolf Creek has not pumped water from John Redmond this year. He reported that there were no Zebra mussels in the Wolf Creek Lake at this time.

Peggy Blackman (Vice-Chair & WRAPS) - reported on the letter that was sent from Hillsdale Water Quality Project (HWQP) to KDHE. She noted that the WRAPS process was cumbersome and that the WRAPS groups often struggle to develop 9 Element Plans. She also noted that with such a long process it is difficult to get local buy in, which is essential in a successful WRAPS project. Peggy also reported that the Upper Cottonwood WRAPS has been approved for funding for the full \$150,000 it asked for. The Upper Cottonwood WRAPS have had problems with SLT formation, but are continuing to focus on streambank rehabilitation. Peggy reported that there will be a Cover Crop Workshop sometime at the end of August, 2011. She also noted that on July 6, 2011 there will be a public meeting for the ARRA funding for the Upper Cottonwood WRAPS at 7:00pm in Emporia. She then reported that there will be an Envirofest on October 4, 2011 at Marion County Park.

Matt Zimmerman (Water Assurance District) - reported that Woodson County RWD No. 1 has abandoned its water rights to the State. Matt noted that the City of Emporia has completed its study on water demand and the City also won best tasting water of Kansas.

Pat Sauble (Agriculture) - reported on the concern with EPA and dust levels based on EPA's review of criteria for particulate matter. He also noted there had been some larger land sales in the area.

Carl Hayes (At-Large Public) - reported on NRDRA Projects, including the near completion of GIS layers for the area, transformation of areas with fescue to native prairie, and working to create a lab research area for local fisheries. Carl reported that the second pharmaceutical collection was successful with a collection of 144lbs of prescription drugs. He then reported that the Treece Buyout was almost complete with all families moving, but one. He noted that Spring River WRAPS will be participating in the Annual Water Festival at Wildcat Glades in Joplin.

Jim Triplett (Chair and Fish & Wildlife) - reported that the Grand Lake Watershed Council is working to get the groups in Kansas, Oklahoma, Missouri, and Arkansas together so they groups can collaborate with one another. Jim reported on the effort to work on legislative support for the area. Jim also reported that he has been working with Lower Shoal Creek and Spring River WRAPS.

BAC membership: Consideration of Basin Advisory Committee applications:

A motion was made by Bob Hammond and seconded by Matt Zimmerman to vote on all nominees with one vote since there was only one nominee per category. There was no discussion and a unanimous vote of approval was given.

- (1) Jim Triplett nominee for the Fish and Wildlife category was recommended by the BAC for approval by the KWA.
- (2) Gerald Menefee nominee for the Water Assurance District category was recommended by the BAC for approval by the KWA.
- (3) Carl Hayes nominee for the At-Large Public category was recommended by the BAC for approval by the KWA.

A motion was made by Bob Hammond and seconded by Jim Mayo. There was no discussion and a unanimous vote of approval was given.

1. Jim Triplett nominee for Chairperson of the Neosho BAC was recommended by the BAC for approval by the KWA.

A motion was made by Pat Sauble and seconded by Jim Mayo. There was no discussion and a unanimous vote of approval was given.

Basin Priority Issue Implementation:

Carl Hayes (At-Large Public) reported on the various Four and Three State initiatives in the Ozark Aquifer and Spring River Area. Carl mentioned that he is working on a spreadsheet to track the Four and Three State Groups around the SE Kansas Area so as much progress can be made and efforts won't be duplicated.

Basin Activities and Updates:

Aquatic Nuisance Species Policy Issue: Bobbi Wendt (KWO) presented an overview of the ANS Policy Issue that had been approved as a working draft by the KWA at their May 18th meeting. Bobbi noted that there will be a public hearing on June 30, 2011 at 10:30am at the KWO. Comments will be accepted until July 19, 2011. Bobbi stated that she would accept any comments now on the ANS Policy Issue or a message may also be sent to the KWA concerning the ANS Policy Issue.

It was noted that it is important to look at the efforts other states to find a program that is successful in managing ANS. Need to look beyond education.

Other BAC Business

Message(s) to the KWA: The Neosho BAC does not have any messages to send to the KWA.

Upcoming Meeting:

- a. The next meeting of the Kansas Water Authority will be held on August 11 & 12, 2011 in Lyons, KS.
- b. The next BAC meeting was tentatively scheduled for October 13, 2011 at Schermerhorn Park, with tour and lunch prior to the meeting at the Downstream Casino Wetland.

Adjourn: A motion was made by Pat Sauble and seconded by Peggy Blackman to adjourn the meeting at approximately 4:22 p.m. There was no discussion and unanimous approval was given.

MEMO



DATE: August 23, 2011
TO: Basin Advisory Committee Members and Advisors
FROM: Earl Lewis
RE: FY 2013 State Water Plan Fund Budget Recommendations

901 S. Kansas Avenue
Topeka, KS 66612
Phone: (785) 296-3185
Fax: (785) 296-0878
www.kwo.org

At their meeting on August 12th, 2011, the Kansas Water Authority (KWA) approved budget recommendations for the Kansas Water Plan Fund in 3 distinct pieces – A Water Plan Fund “Base Budget”, the State General Fund demand transfer, and the Expanded Lottery and Gaming Fund (ELARF). Each of these is described in more detail and a handout for each component is attached.

The committees will be provided an overview at your meeting. Any input you have will be shared with the KWA at their November meeting as they discuss their report to the Governor and the FY 2012 Legislature on recommendations to implement the Kansas Water Plan.

State Water Plan Fund “Base Budget”

The KWA approved recommendations for \$13.3 million of water plan dollars. This is based on the revenue estimate with NO state general fund demand transfer. On the attached table, you see the listing of agencies’ programs that are funded with the state water plan funds. One significant addition in FY 2013 is funding for Aquatic Nuisance Species in the Kansas Department of Wildlife, Parks and Tourism’s budget. The KWA approved the addition of the policy issue to the Kansas Water Plan.

You will note 3 highlighted program lines. The funding for these programs will be reviewed again at the November KWA meeting.

Assessment and Evaluation: This line is increased by \$40,000 for the purpose of initiating a real time notification system for taste and odor for drinking water utilities using the Kansas River as a source of supply. The KWA requested that the funding be contingent on the utilities participating in funding. The KWA also requested that the price of the study be negotiated to reduce the overall cost.

Weather Stations: This line is shown zeroed out. The KWA requested that the KWO work with K-State and stakeholders who use the stations to determine the accuracy and usage of the stations.

Weather Modification: After extensive discussion, the KWA identified \$90,000 for weather modification. Potentially eliminating water plan funding was discussed due to the eroding support on the part of the counties in the target area. Support on the part of the counties and the GMD will be reviewed.

State General Fund Demand Transfer

The second piece of the FY 2013 SWP fund budget is dependent on the reinstatement of the statutory State General Fund demand transfer. The KWA has supported the development of a new program with the KDA-DOC focused on implementation of nutrient and sediment reduction projects. This voluntary program would be administered through the conservation districts to implement projects that have been locally identified to address nutrient and sediment projects through watershed restoration and protection or TMDL planning efforts.

Proposal for FY 2013 ELARF Water Projects

The third piece of the KWA recommendations on the FY 2013 budget is the identification of projects that would utilize an allocation of 10% of the ELARF funds. The estimate for FY 2013 is \$8.5 million. The projects are described on the attached sheet.

State Water Plan Fund: FY2012 - FY2013

Agency/Program	FY 2012 Legislative Approved	FY 2013 Proposal w/o ANS	FY 2013 Proposal with ANS	FY 2013 KWA Budget Committee changes
Department of Health and Environment				
Contamination Remediation	\$ 790,118	\$ 775,000	\$ 775,000	\$ 775,000
TMDL Initiatives	\$ 237,097	\$ 200,000	\$ 200,000	\$ 200,000
Local Environmental Protection Program		\$ -	\$ -	\$ -
Nonpoint Source Program	\$ 374,044	\$ 300,000	\$ 300,000	\$ 300,000
Watershed Restoration and Protection Strategy	\$ 716,351	\$ 625,000	\$ 625,000	\$ 625,000
Total--Department of Health and Environment	\$ 2,117,610	\$ 1,900,000	\$ 1,900,000	\$ 1,900,000
University of Kansas--Geological Survey				
	\$ 26,841	\$ 30,000	\$ 30,000	\$ 30,000
Department of Agriculture-DWR				
Interstate Water Issues	\$ 513,850	\$ 460,000	\$ 460,000	\$ 460,000
Subbasin Water Resources Management	\$ 702,722	\$ 640,389	\$ 619,220	\$ 619,220
Water Use	\$ 83,697	\$ 60,000	\$ 60,000	\$ 60,000
Sub-total--Department of Agriculture-DWR	\$ 1,300,269	\$ 1,160,389	\$ 1,139,220	\$ 1,139,220
Department of Ag-Division of Conservation				
Water Resources Cost Share	\$ 2,138,055	\$ 2,108,000	\$ 2,008,700	\$ 2,008,700
Nonpoint Source Pollution Asst.	\$ 2,424,078	\$ 2,108,222	\$ 2,008,691	\$ 2,008,691
Aid to Conservation Districts	\$ 2,259,754	\$ 2,260,000	\$ 2,260,000	\$ 2,260,000
Watershed Dam Construction	\$ 690,652	\$ 690,000	\$ 690,000	\$ 625,000
Water Quality Buffer Initiative	\$ 196,394	\$ 270,000	\$ 270,000	\$ 270,000
Riparian and Wetland Program	\$ 164,828	\$ 165,000	\$ 165,000	\$ 165,000
Water Supply Restoration Program	\$ 255,043	\$ 255,000	\$ 255,000	\$ 190,000
Water Transition Assistance Program/CREP	\$ 824,835	\$ 425,000	\$ 425,000	\$ 425,000
Sub-total--Dept of Ag-Division of Conservation	\$ 8,953,639	\$ 8,281,222	\$ 8,082,391	\$ 7,952,391
Total--Department of Agriculture	\$ 10,253,908	\$ 9,441,611	\$ 9,221,611	\$ 9,091,611
Kansas Water Office				
Assessment and Evaluation *	\$ 469,492	\$ 500,000	\$ 500,000	\$ 540,000
GIS Data Base Development	\$ 173,640	\$ 200,000	\$ 180,000	\$ 170,000
MOU - Storage Operations and Maintenance	\$ 366,802	\$ 360,364	\$ 360,364	\$ 360,364
Technical Assistance to Water Users	\$ 409,044	\$ 433,000	\$ 433,000	\$ 413,000
Weather Stations *	\$ 48,620	\$ 30,000	\$ 30,000	\$ -
Water Resource Education	\$ 38,200	\$ 45,000	\$ 45,000	\$ 45,000
Weather Modification *	\$ 97,935	\$ -	\$ -	\$ 90,000
Wichita Aquifer Recharge Project	\$ 657,459	\$ 400,000	\$ 390,000	\$ 500,000
Neosho River Basin Issues	\$ -	\$ -	\$ -	\$ -
Total--Kansas Water Office	\$ 2,261,192	\$ 1,968,364	\$ 1,938,364	\$ 2,118,364
Department of Wildlife and Parks				
ANS		\$ -	\$ 250,000	\$ 200,000
Stream (Biological) Monitoring	\$ -	\$ -	\$ -	\$ -
Total--Department of Wildlife and Parks	\$ -	\$ -	\$ 250,000	\$ 200,000
Total State Water Plan Expenditures	\$ 14,659,551	\$ 13,339,975	\$ 13,339,975	\$ 13,339,975

State Water Plan Resource Estimate	FY 2012 Legislative Approved	FY 2013 Proposal w/o ANS	FY 2013 Proposal with ANS	FY 2013 KWA Budget Committee changes
Beginning Balance	\$ 888,621	\$ (82,288)	\$ (82,288)	\$ (82,288)
Adjustments				
Standardized Water Data Fund Transfer	\$ 300,000			
Feral Swine Eradication Fund Transfer	\$ (175,000)			
Livestock Market Report Fund Transfer	\$ (20,000)			
Grain Warehouse Inspection Fund Transfer	\$ (75,000)			
Transfer to Kansas Corporation Commission	\$ (400,000)	\$ (364,000)	\$ (364,000)	\$ (364,000)
Subtotal--Adjustments	\$ (370,000)	\$ (364,000)	\$ (364,000)	\$ (364,000)
Revenues				
State General Fund Transfer	\$ -	\$ -	\$ -	\$ -
Economic Development Fund Transfer	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
Fee Revenue	\$ 12,058,642	\$ 11,786,263	\$ 11,786,263	\$ 11,786,263
Total Receipts	\$ 14,058,642	\$ 13,786,263	\$ 13,786,263	\$ 13,786,263
Total Available	\$ 14,577,263	\$ 13,339,975	\$ 13,339,975	\$ 13,339,975
Less: Expenditures	\$ (14,659,551)	\$ (13,339,975)	\$ (13,339,975)	\$ (13,339,975)
Ending Balance	\$ (82,288)	\$ -	\$ -	\$ -

* these budget recommendations will be re-visited in November by the KWA to determine if the funding is warranted at the recommended level. Should the funding levels be modified, the KWA will advise the Governor and Legislature of the amended recommendations.

DRAFT

FY 2013 SWPF Budget Request – Nutrient and Sediment Reduction

Amount: \$6,000,000 – dependent upon reinstatement of the statutory State General Fund demand transfer.

Agency: Kansas Department of Agriculture, Division of Conservation (KDA-DOC)

Purpose: Fund implementation of nutrient and sediment reduction practices in high priority areas.

Background: Excess nutrients in Kansas waters have caused algal blooms leading to suspension of drinking water production, interruption of recreational access to lakes and reservoirs, increased drinking water production costs, fish kills, and toxicity to livestock and domestic animals. Reservoirs are integral to Kansas' water supply infrastructure, providing water supply for more than two-thirds of the state's population. Sedimentation is impacting these reservoirs, reducing the capacity to store water to meet our needs.

Development of a new program within the KDA-DOC will allow for a more targeted approach in reducing sedimentation and nutrient loading into waterways and reservoirs.

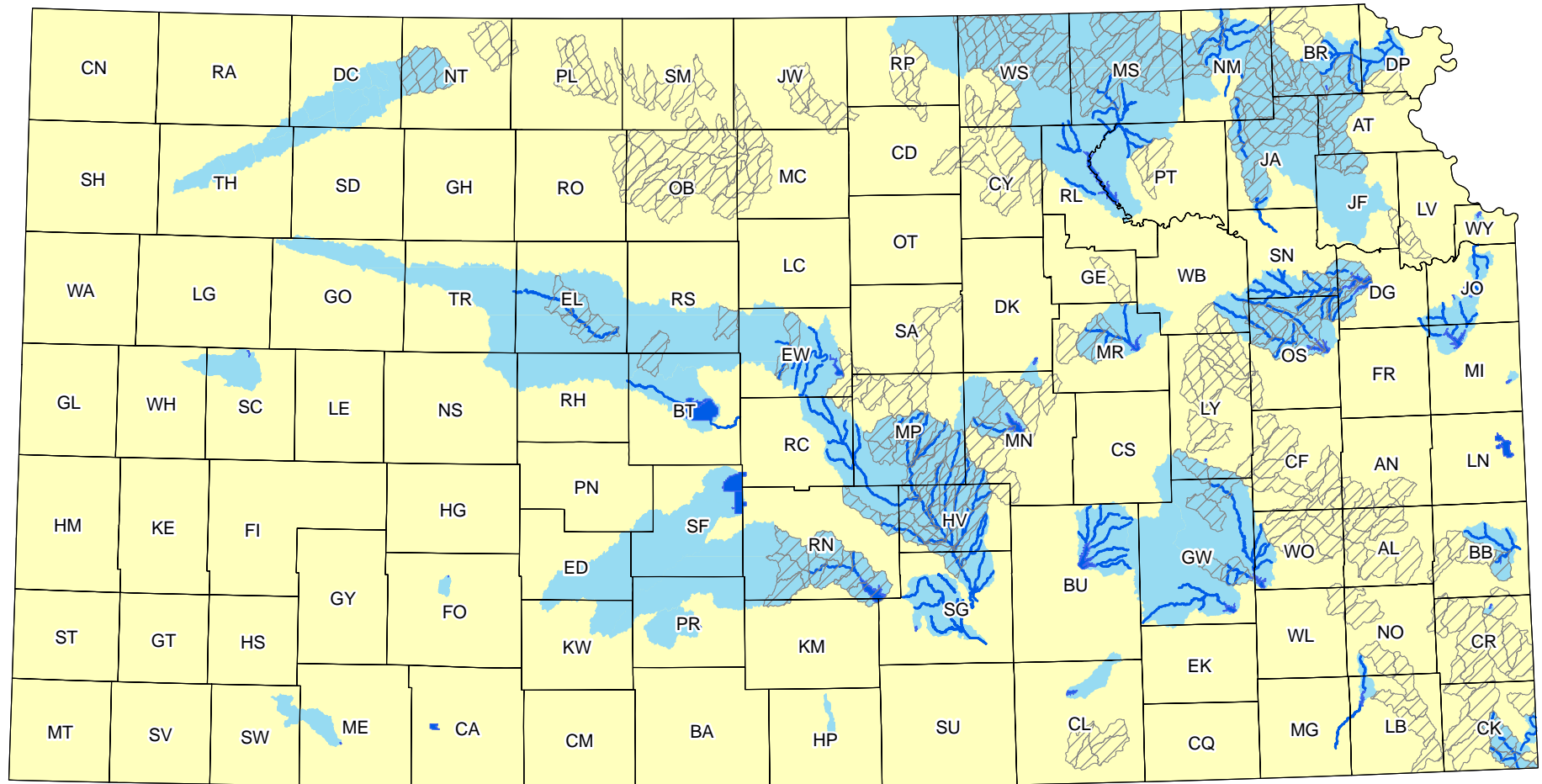
The program, as proposed, would link existing efforts by local Watershed Restoration and Protection Strategy (WRAPS) groups with implementation efforts through conservation districts. Local WRAPS Stakeholder Leadership Teams (SLTs) have, in many cases, now developed the required 9-element plans that can lead to implementation. The completed or draft plans to date (18 plans representing about 50% of the WRAPS groups) identify more than \$7 million per year in estimated best management practices (BMPs) needed to achieve their water quality goals, chiefly tied to achievement of Total Maximum Daily Loads (TMDLs) for nutrients and sediment.






WRAPS coordinators are in a prime position to help identify projects that will have the most benefit to meet the goals of those plans. Local conservation districts are already well equipped to efficiently provide the cost share programs to local producers. Having WRAPS coordinators work with local producers to obtain cost share through the conservation districts will insure program dollars are spent on the highest priority projects. In some situations, high priority nutrient and sediment TMDLs that are not addressed in WRAPS plans may be identified as a critical need; these, too, would be eligible for this program (see attached map).

Due to the voluntary nature of the program and the fact that watersheds span multiple counties, the program would be an "on demand" funding mechanism rather than a county allocation approach. The local conservation district would request funding for each project, or group of

projects, once they are identified. State agency staff would prioritize and respond to funding requests based on highest nutrient reduction for dollar spent.

Best Management Practice (BMP) Implementation Areas to Address Nutrients and Sediment



-  Watershed Plan Priority HUC 12 Watershed (Tier 1 Funding Priority Areas)
-  High Priority TMDL Watershed (Tier 2 Funding Priority Areas)
-  High Priority TMDL Lake/Wetland/Wildlife Area (Tier 2 Funding Priority Areas)
-  High Priority TMDL Stream (Tier 2 Funding Priority Areas)
-  County Boundary

Proposal for FY 2013 ELARF Water Projects

In recent years, the Kansas Water Authority has request an allocation of 10% of the expanded gaming revenues for water related projects. This overall request remains in place and the following are the suggested projects to be included with the Kansas Water Authority budget recommendations for FY 2013. The current estimate for 10% of the ELARF revenues for FY 2013 is \$8.5 million.

Conserving and Extending the Useful Life of Aquifers – \$2,900,000

Improved Irrigation Systems Efficiency and Management – \$1,000,000

To maintain the current crop production levels and reduce total irrigation water use, technological and management improvements are essential. Agricultural engineers state the possibility of reducing irrigation water use by 25% with an energy savings of 35%, which would result in a net economic improvement to the individual producer and his/her community. Funding will allow for demonstrations of these water and energy saving technologies.

Water Right Purchase – \$1,000,000

The High Plains aquifer, particularly the Ogallala portion, is over developed in most areas in Kansas. Long term declines indicate the current level of use is unsustainable. Additional funding is essential to expand the Water Transition Assistance Program (WTAP), which allows the state to purchase and permanently retire water rights in priority areas that are closed to new appropriations. This program is essential to conserve and extend the life of the Ogallala aquifer.

Market Based Seed Grants – \$300,000

Stimulating new industry and/or value added agriculture that uses less total water than irrigation is critical in transitioning western Kansas to a lower water use economy. A key component to Governor Brownback's approach is economic development. Grant funding would be leveraged with additional funding opportunities for applicants to develop and implement innovative approaches and business ventures for western Kansas.

Aquifer Storage and Recovery – \$600,000

Aquifer storage and recovery is a method of capturing high flow events and storing water underground. The City of Wichita has successfully implemented an aquifer storage and recovery (ASR) project that captures high river flows in the Little Arkansas River and stores the water in the Equus Beds aquifer. This benefits the city by reducing reliance on surface water and reduces the salt contamination of the aquifer. This funding will provide opportunities for research of additional ASR projects throughout the state.

Reservoir Restoration and Protection – \$3,800,000

Storage Restoration – \$1,500,000

Dredging involves the physical removal of accumulated sediment through mechanical, hydraulic, or pneumatic means. Funding is needed to ensure projects within the Water Supply Restoration program for reservoir dredging and disposal of dredged materials are carried out in a timely manner.

Streambank Stabilization –\$1,000,000

Growing evidence shows that a significant source of sediment in streams is generated from stream channels and edge of field gullies. Streambank erosion can contribute nutrients such as phosphorus, which can cause water quality impairments. Funding is needed to continue the process of implementing reach-based streambank stabilization.

Dam Rehabilitation – \$1,000,000

There are nearly 6,000 dams in Kansas regulated by the Department of Agriculture, Division of Water Resources. With an average age of 40 years, some dams are exhibiting structural deficiencies, while post-construction development of others has raised their hazard classes. Funding is needed to meet the financial requirements for small dam rehabilitation and upgrades.

Reservoir Data Analysis System – \$300,000

Establish a continuing program of integrated reservoir assessment as a part of a broader statewide effort to understand, predict, and plan for the numerous challenges facing the reservoirs that supply drinking water to much of the state.

Improving and Protecting Waters - \$1,000,000

Aquatic Nuisance Species Protection – \$750,000

Aquatic nuisance species (ANS) have invaded Kansas lakes and streams and expanded populations continue to be discovered in Kansas aquatic environments. Funding would be targeted towards education, inspections and enforcement to reduce the spread of ANS in Kansas.

Remediation of Contaminated Sites – \$250,000

The Contamination Remediation Program was developed with the specific objective of providing a mechanism to address sites where the responsible party is not known, or is not viable and where there are no federal, state, or other funding sources available to complete required investigation and cleanup activities. Funding will be used to actively investigate, remediate and monitor sites in which contaminants have impacted soil, ground water and/or surface water in the state.

Improved Monitoring and Data Collection – \$800,000

LiDAR Data Acquisition - \$500,000

High resolution evaluation data will be derived from Light Detecting and Ranging (LiDAR) technology. Data will be useful for flood emergency management, community planning, reservoir sustainability research and other water resource evaluations.

Expanded Streamgage Network – \$100,000

Streamflow data from U.S. Geological Survey (USGS) stations are used by federal, state and local government for planning and decisions related to agriculture, industry, urban water supplies, riverine and riparian habitat and flood hazard identification. An expanded streamgage network would enhance the state's ability to plan during times of drought and flood, as well as, to monitor Interstate Water Compacts.

Expanded Weather Station Network – \$100,000

Data from automated weather stations is an important tool for the management of water resources. Several networks of these stations exist across the state, each designed to meet specific purposes. Funding will be focused on maintenance and operation of existing stations, development of new stations, and upgrading of network support capabilities.

Suspended Sediment Monitoring - \$100,000

The purpose of the network is to characterize suspended sediment transport and deposition in Kansas reservoirs. The information gained from the network will be used to implement management strategies to reduce sedimentation and increase available water supply.