

MINUTES OF THE JOINT MEETING OF THE SENATE AGRICULTURE AND THE SENATE
NATURAL RESOURCES COMMITTEES

The meeting was called to order by Chairperson Derek Schmidt at 8:30 a.m. on January 17, 2001 in Room 423-S of the Capitol.

All members were present except: All present

Committee staff present: Raney Gilliland, Legislative Research Department
Jill Wolters, Revisor of Statutes
Betty Bomar, Secretary
Judy Krase, Secretary

Conferees appearing before the committee:

Al LeDoux, Director, Kansas Water Office
Kent Lamb, Chairman, Kansas Water Authority
Cliff Mayo, Member, Kansas Water Authority
Jerry Blain, Member, Kansas Water Authority
Clark Duffy, Assistant Director, Kansas Water Office

Others attending: See attached list

Senator Robert Tyson, Chairman, Senate Natural Resources Committee introduced Al LeDoux, Director, Kansas Water Office.

Al LeDoux introduced, to the Committee, the members of the Kansas Water Authority who were present. (Attachment 1) A copy of *Key Water Documents* was distributed to members of the Committees. (A copy is on file in the Office of the Legislative Research Department)

Kent Lamb, Chairman, Kansas Water Authority, testified that only through the faithful exercise of sound data collection and evaluation, the participation of all affected stakeholders, and the unbiased commitment of everyone to the development of achievable goals and policies will Kansas have the quantity and quality of water necessary to sustain itself in the years to come. Each of the twelve river basins have their own identifiable needs and resources to be addressed. The "one size fits all" concept does not produce acceptable outcomes.

The Kansas Water Authority believes the planning process established by the Legislature and the Governor to formulate and initiate best management practices will secure the sound and stable water policies for all Kansans for the future. (Attachment 2)

Cliff Mayo, Member, Kansas Water Authority, stated he is from Garden City, and an irrigator. One of the biggest issues facing Kansans in western Kansas is groundwater depletion. The Ogallala portion of the High Plains Aquifer is being withdrawn faster than it is being recharged. It is necessary that a workable plan for conserving water be achieved and the Kansas Water Authority is working on the challenge. The 2000 report for House Substitute for Senate Bill 287 addressed aquifer resources in the reports: 1) aquifer resources, surface water and long-term prospects for transition to dryland farming; and 2) the potential for competing water needs and the means to address that competition. The Kansas Geological Survey developed an atlas to the Kansas High Plains Aquifer, to answer questions posed by the 1999 legislation. The atlas has been extremely helpful in determining the state of groundwater resources. (Attachment 3)

Included in the Kansas Water Authority recommendations is the need to develop a new management approach for managing the Ogallala Aquifer that addresses the rate of groundwater depletion in western Kansas and protects water for future generations.

Mr. Mayo stated he chaired an ad hoc committee, appointed by Al LeDoux, which met last fall and recommended that specific federal actions be taken to conserve the High Plains Aquifer through the eight states it underlies: Texas, Oklahoma, New Mexico, and parts of Colorado, Wyoming and Nebraska, which all face severe decline areas in the aquifer. The Committee agreed that action is needed at the federal,

state, local and individual levels to manage this depleting resource.

Jerry Blain, Member, Kansas Water Authority, and Superintendent, City of Wichita Water Department, testified that the public water supplies, including municipal water suppliers, rural water districts, wholesale water districts and assurance districts, are crucial to the state. Kansas has approximately 900 public water suppliers. It is necessary to develop water goals: 1) to develop water reservoir storage to meet current and future needs; 2) to assure that municipal water systems can meet drought conditions; 3) to assure that water suppliers meet safe drinking water standards; 4) to assure that water suppliers have technical, financial and managerial capacity; and 5) to encourage local planning to support state water programs. (Attachment 4)

Mr. LeDoux showed a 9-minute video emphasizing the Kansas approach to the implementation of water quality, narrated by Bill Kurtis.

Clark Duffy, Kansas Water Office, reviewed the Kansas Water Authority recommendation to the 2001 Legislature: 1) Amend the Multipurpose Small Lakes Act; 2) provide funding for the State Water Plan, and 3) to approve the Water Marketing Contract for Miami County Rural Water District #1 from Hillsdale Reservoir. (Attachment 5)

The meeting adjourned at 9:30 a.m.

The next meeting for Senate Natural Resources is scheduled for January 19.

Joint Natural Resources
SENATE AGRICULTURE COMMITTEE GUEST LIST

DATE: January 17, 2001

NAME	REPRESENTING
Doug Smith	Pinegar-Smith Company
Jerry D. Smith	Ks Water Office
TRACY STREETER	Cons. Comm.
Dow PAXSON	Ks Water Aut.
WAYNE BOSSERT	NW KS GMD 4, COLBY
Cliff Mayo	KWA
Bill Hamm	KWA
Kent Lamb	KWA
Jerry Blain	KWA
Roger L. Boyd	KWA
Al LeDoux	Ks Water Office
Shawn Steele	KWA
Jerry D. Smith	KDOCH
Sharon Falk	GMD #5
Lodd Johnson	KLA
Paul S. Asse	KWA
Lee Allison	KGS
David L. Pope	KWA / KDA-DWR
Doug Wareham	KUFA / KFOA

Kansas Water Authority

Briefing on

Water Issues

Before the

2001 Legislature

January 2001

Introductions

Overview of Entire Briefing

**Al LeDoux, Director
Kansas Water Office**

Overview of Planning Process

**Kent Lamb, Chairman
Kansas Water Authority**

STATE OF KANSAS



Bill Graves, Governor

KANSAS WATER OFFICE
Al LeDoux
Director

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**KANSAS WATER AUTHORITY
LEGISLATIVE BRIEFINGS**

Introductory Comments

Al LeDoux, Director, Kansas Water Office

House Environment Committee
Senate Natural Resources and Agriculture Committees
House Agriculture Committee
January 16th & 17th, 2001

Introductions of Kansas Water Authority members present and presenters for today.

Kent Lamb, Chairman, Kansas Water Authority, will address the overall planning process, Cliff Mayo, Member, Kansas Water Authority, will discuss groundwater management issues, and Jerry Blain, Member, Kansas Water Authority, will discuss public water supply issues. I will come back and make a few comments about water quality and Clark Duffy, Assistant Director, will summarize our legislative initiatives.

Those of you who know me, know of my abiding interest in water. What you may not know is that when I'm not thinking water, I'm tending my cattle. My bet is that you share a commitment to whatever it is you do for a living or a pastime. No matter how important water is, it is not at the forefront of your world. That is why the water plan process is so valuable. Water is in good hands, whether or not it is the center of your work

Kent will speak to you now.

THE KANSAS WATER AUTHORITY

NAME	OCCUPATION	REPRESENTING	TERM EXPIRES
Kent Lamb, Chairman (316) 348-2315 RR 1, Box 69 Macksville, KS 67557-9402	Farmer/Irrigator	Governor	Pleasure
Al LeDoux, Secretary (785) 296-3185 901 S. Kansas Avenue Topeka, KS 66612-1249 al@kwo.state.ks.us	Director	Kansas Water Office	Ex Officio
Dr. M. Lee Allison (785) 864-3965 University of Kansas – Campus West 1930 Constant Avenue Lawrence, KS 66047-3726 lallison@kgs.ukans.edu	Director	KS Geological Survey	Ex Officio
Gerald Blain (316) 269-4764 1815 W. Pine Wichita, KS 67203-3230 blain_j@ci.wichita.ks.us	Superintendent City of Wichita	GMD's #2 & #5	05/01/02
Dr. Roger L. Boyd (785) 594-3172 (h) P. O. Box 65 (785) 594-4547 (w) Baldwin City, KS 66006-0065 boyd@harvey.bakeru.edu	Professor of Biology Baker University	Environment/ Conservation	01/15/01
David Brenn (316) 276-3246 P. O. Box 597 Garden City, KS 67846 dbrenn@odsgc.net	Sr. Vice-President/ General Manager Garden City Co.	GMD's #1, #3, and #4	01/15/03
Jamie Clover Adams (785) 296-3558 109 SW 9 th Street, Suite 400 Topeka, KS 66612 jadams@kda.state.ks.us	Secretary	KS Department of Agriculture	Ex Officio
William R. Hamm (316) 284-0707 P. O. Box 884 Newton, KS 67114-0884 wrh@southwind.net	Insurance/ Investments	State Association of KS Watersheds	05/01/02
Dr. Ron Hammerschmidt (785) 296-1535 KS Dept. of Health & Environment Forbes Field, Building 740 Topeka, KS 66620-0001 rhammers@kdhe.state.ks.us	Director	Division of Environment	Ex Officio
Dr. Marc Johnson (785) 532-7137 113 Waters Hall Kansas State University Manhattan, KS 66506 agdean@ksu.edu	Director	Agricultural Experiment Station	Ex Officio
Cliff Mayo (316) 276-7583 1909 Grandview East Garden City, KS 67846-8325	Farmer/Stockman	Speaker of the House	07/12/03
David Mueller (785) 965-2628 1172 330 th Tampa, KS 67483 muel@tctelco.net	Farmer/Stockman	Kansas Rural Water Association	05/01/04
Don Paxson (785) 421-2364 P. O. Box 487 Penokee, KS 67659-0487 dpaxson@ruraltel.net	Businessman/ Farmer	KS Assoc. of Conservation Districts	05/01/04

NAME	OCCUPATION	REPRESENTING	TERM EXPIRES
David L. Pope (785) 296-3717 Kansas Department of Ag 109 SW 9 th Street, 2 nd Floor Topeka, KS 66612 dpope@kda.state.ks.us	Chief Engineer	Division of Water Resources	Ex Officio
Paul Sasse (316) 331-2253 (h) 215 N Second Street (316) 332-2506 (w) Independence, KS 67301 citymgr@horizon.hit.net	City Manager City of Independence	League of Municipalities	01/15/01
Gordon Schmidt (316) 543-2628 10320 N Wheat State Road Inman, KS 67546-8109	Farmer	Public	08/31/04
Gary Sherrer (785) 296-2741 700 SW Harrison, Suite 1300 Topeka, KS 66603-3712 gsherrer@kdoch.state.ks.us	Lt. Governor/ Secretary	Department of Commerce & Housing	Ex Officio
Sharon Steele (785) 462-2558 965 Prairie View Colby, KS 67701-4303 psteel@colby.ixks.com	Farmer	Public	01/15/04
Tracy Streeter (785) 296-3600 109 SW 9 th Street, Suite 500 Topeka, KS 66612 tstreeter@scc.state.ks.us	Executive Director	State Conservation Commission	Ex Officio
Paul Tobia (316) 529-7463 P. O. Box 12283 Wichita, KS 67277-2283 paul_tobia@vul.com	Plant Manager Vulcan Chemicals	KS Association of Commerce and Industry	01/15/03
Dick Weisser (913) 681-2697 (h) 20004 Riggs Stillwell, KS 66085-9459 dweisser@prodigy.net	Board Chairman WD #1 JO County	President of the Senate	07/01/01
Steve Williams (785) 296-2281 900 SW Jackson, Suite 502 Topeka, KS 66612 steve@wp.state.ks.us	Secretary	KS Department of Wildlife and Parks	Ex Officio
John Wine (785) 271-3100 1500 SW Arrowhead Road Topeka, KS 66604 j.wine@kcc.state.ks.us	Chair	Kansas Corporation Commission	Ex Officio

The Kansas Water Authority

The Kansas Water Authority is within and a part of the Kansas Water Office. It is responsible for advising the Governor, the Legislature, and the Director of the Kansas Water Office on water policy issues, for approving the *Kansas Water Plan* and revisions thereto, for approving water storage sales, federal contracts, administrative regulations, and legislation proposed by the Kansas Water Office.

STATE OF KANSAS



Bill Graves, Governor

KANSAS WATER OFFICE
Al LeDoux
Director

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**KANSAS WATER AUTHORITY
LEGISLATIVE BRIEFINGS**

Al LeDoux, Director, Kansas Water Office
WATER QUALITY

House Environment Committee
Senate Natural Resources and Agriculture Committees
House Agriculture Committee
January 16th & 17th, 2001

You will hear from the Kansas Department of Health and Environment and/or Kansas State University and the State Conservation Commission on activities related to the development and implementation of TMDL's. The primary role of the Kansas Water Authority is coordination of public input on setting implementation priorities, and the coordination of where and when we put our resources to get the most bang for the buck. Overall, this process is working extremely well. We want to assure you that it will continue.

We have a 9-minute video that emphasizes the Kansas approach to implementation of water quality. This is the voluntary, incentive-based approach highlighted in the Governor's Water Quality Initiative. Bill Curtis narrates.

**Role of Kansas Water Authority
& State Water Plan in Water Quality**

- *Kansas Water Plan* contains high priority TMDLs
- *Kansas Water Plan* makes recommendations on targeting resources to priority TMDLs
- *Kansas Water Plan* has identified need to ensure comprehensive and coordinated implementation and tracking of progress



Kent Lamb, Chairman
RR 1, Box 69, Macksville, KS 67557 (316) 348-2315

**KANSAS WATER AUTHORITY
LEGISLATIVE BRIEFINGS**

Kent Lamb, Chairman, Kansas Water Authority
WATER PLANNING PROCESS

House Environment Committee
Senate Natural Resources and Agriculture Committees
House Agriculture Committee
January 16th & 17th, 2001

The greatest challenge of a challenge is the gap of time between the present and the D-day of confrontation. One could embrace apathy, denial, or dissension to deal with the particular problem instead of collectively, proactively committing our resources, citizens, and governmental agencies to bridge the uncertainties into successes for the people of Kansas. You are facing many challenges, one of which is water, this session that will test your best cooperative efforts.

We could leave to chance the future water decisions of our state by doing nothing or embracing a "quick fix". Only through the faithful exercise of sound data collection and evaluation, participation of all affected stakeholders, and the unbiased commitment of everyone to the development of achievable goals and policies will Kansans, in the future, have the quantity and quality of water that is so necessary and precious. I am certain that our first challenge is one of process before solution and implementation.

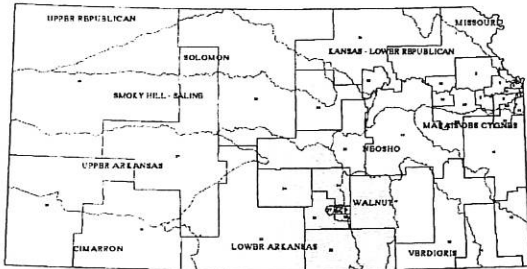
The most frustrating challenge is the one in which either it doesn't directly impact you or with which you are not particularly familiar or has been around a long time without any successful solution. Today's water issues are included in all the above.

Each of the twelve basins in the state have their own identifiable needs and resources to be addressed. Further delineation and definition of unique areas within each basin is necessary for planning purposes in the development appropriate and workable management practices. The "one size fits all" concept will not produce acceptable outcomes.

The Kansas Water Authority believes in the planning process that has been established by the Legislature and the Governor to formulate and initiate best management practices that will secure the sound and stable water policies for all Kansans for the future.

State Water Plan Coordinates
With Stakeholders On An
Annual Basis

Senate



One Size Does Not Fit All



KANSAS WATER AUTHORITY

901 South Kansas Avenue, Topeka, KS 66612-1249 (785) 296-3185



Kent Lamb, Chairman

RR 1, Box 69, Macksville, KS 67557 (316) 348-2315

**KANSAS WATER AUTHORITY
LEGISLATIVE BRIEFINGS**

**Cliff Mayo, Member, Kansas Water Authority
GROUNDWATER MANAGEMENT**

House Environment Committee
Senate Natural Resources and Agriculture Committees
House Agriculture Committee
January 16th & 17th, 2001

1) (slide: map of Ogallala)

I am an irrigator in western Kansas. I can attest to the fact that our biggest water issue is groundwater depletion. The single most important source of water for western Kansas, the Ogallala portion of the High Plains Aquifer, is being withdrawn much faster than it is being recharged.

Pumping practices for irrigation is the largest single use for this water. But, I want to impress upon you, irrigation is not a dirty word, the produce derived from irrigation is not a dirty practice and the economy and lifestyle of that area is not a dirty reality. Irrigation is the lifeblood of western Kansas.

2) (slide: map of water use reductions necessary for sustainability)

The dilemma then is... sustaining our natural resource, water, while retaining the economy.

The colors in this slide indicate various amounts of water use reduction necessary to achieve zero depletion. The red indicates a reduction of 75%, while lighter colors represent a lesser amount of reduction to accomplish zero depletion.

Senate Natural Resources Committee

Date 1-17-01

Attachment # 3

You can imagine what this would do to the economy if this were suddenly implemented, not only for western Kansas, but for all of Kansas.

The Kansas Water Authority is working on this challenge.

3) (slide: map of estimated usable lifetime)

Without a reasonable, workable plan of attack for conserving our water, in many areas the water will be depleted. This map indicates 25 years or less in red with yellow being 100 to 150 years left.

please note the spottiness; it isn't all red.

4) (slide: title of KWA Report on SB 287)

The Kansas Water Authority 2000 report for House Substitute for Senate Bill 287 addressed our aquifer resources in two of the reports:

1. Aquifer resources, surface water and long-term prospects for transition to dryland farming; and
2. The potential for competing water needs and the means to address that competition.

The atlas to the Kansas High Plains Aquifer, from the Kansas Geological Survey, developed out of the need to answer those questions put to us by the 1999 legislature. It has been extremely helpful in determining the state of our groundwater resources.

5 (slide: a new idea for managing the Ogallala Aquifer)

In the Kansas Water Authority recommendations in the report is a practice to develop a new management approach for the Ogallala Aquifer. We will be reviewing a new proposal at our meeting this week.

This approach, which we reviewed briefly in December, would address the ground water decline rates in the Ogallala, and protect some water for future generations. A portion of the aquifer, based on the amount of recharge, would be managed for zero depletion. It hasn't yet been reviewed by the Full Authority, and it would need a lot of discussions with those who live in western Kansas, but it is a new idea that might help us best manage the aquifer for today's and tomorrows water needs.

6) (slide: Mayo Committee Report)

Last fall, I chaired an ad hoc committee appointed by Al LeDoux. Our report, "Federal Actions Necessary for The Conservation and Environmental Preservation of the High Plains Aquifer" included the concept of "while preserving the economy".

The recommendations were for specific federal actions to be taken to help conserve the High Plains Aquifer through the eight states it

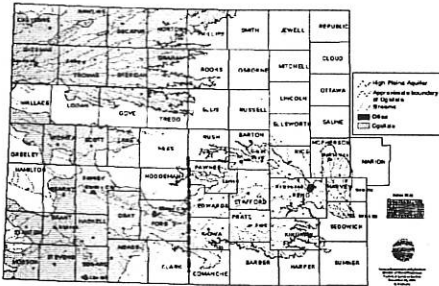
underlies. Texas, Oklahoma, New Mexico, and parts of Colorado, Wyoming, and Nebraska all face severe decline areas in the aquifer. The committee consisted of men whose professional lives involves the High Plains Aquifer in some way; many of the committee members are irrigators that rely on that water source. All of us agreed that action is needed at the federal, as well as the state and local and individual levels, to better manage this depleting resource.

Governor Graves has reviewed and endorsed the efforts of this report, and sent it to Senators Brownback and Roberts, and Representative Moran. We want to promote action for federal legislation. Support from the state legislature on these efforts are greatly appreciated. At the end of this briefing, Clark Duffy will summarize all of the Kansas Water Authority legislative needs, including possible action on this item.

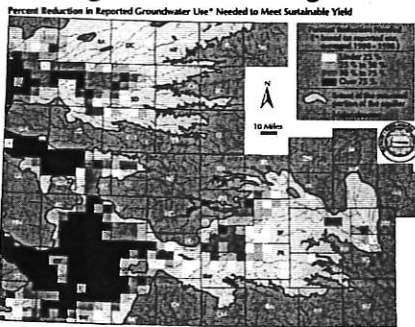
High Plains Aquifer Ground Water Management

Cliff Mayo
Kansas Water Authority

High Plains Aquifer Management of the Ogallala

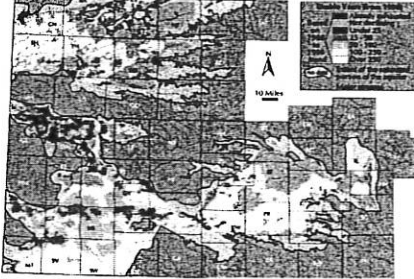


High Plains Aquifer Management of the Ogallala



High Plains Aquifer Management of the Ogallala

Estimated usable lifetime for large volume pumping from the High Plains Aquifer, assuming current water-level trends continue and the aquifer is exhausted when saturated thickness is 20 feet or less.



Kansas Water Authority 2000 Report For House Substitute For SB 287

- Aquifer resources, surface water and long term prospects for transitions to dryland farming.
- The potential for competing water needs and means to address that competition.

High Plains Aquifer Management of the Ogallala

- A New Idea for Managing the Ogallala Aquifer that will:
 - Address the Rate of Ground Water Depletion in Western Kansas
 - And Protect Some Water for Future Generations

**High Plains Aquifer
Management of the Ogallala**

➤Committee Report on:

- Federal Actions Necessary for the Conservation and Environmental Preservation of the High Plains Aquifer

Public Water Supply

**Jerry Blain
Kansas Water Authority**

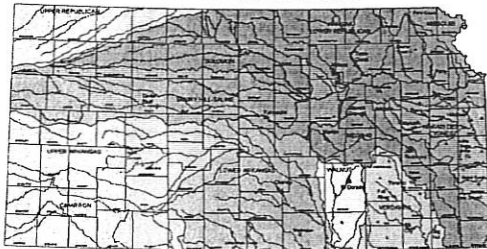
Public Water Supply

- Public water supplies are crucial to the State of Kansas.
- Public water supplies include municipal water suppliers, rural water districts, wholesale water districts, and assurance districts.
- Kansas has approximately 900 public water suppliers.

Water Plan Goals

- Develop water reservoir storage to meet current & future.
- Assure that municipal water systems can meet drought conditions.
- Assure that water suppliers meet safe drinking water standards.
- Assure that water suppliers have technical, financial, & managerial capacity.
- Encourage local planning that supports State water programs.

Public Water Supply Lakes in Kansas



Existing Programs

- Water Supply & Demand Estimates.
- Water Marketing Program – 12 COE Reservoirs.
- Kansas Water Assurance Program – 8 Reservoirs.
- Large Reservoir Finance Program.
- Multipurpose Small Lakes Program.

Drought Monitoring

- Monitors minimum desirable streamflows.
- Monitors drought conditions.
- Influences the operations of assurance districts.
- Informs the Governor, influences Governors Drought Response Team.

Public Water Supply Program

- Reviews the technical, financial and managerial ability of a public water supply.

Public Water Supply Financial Assistance Programs

- Public Water Supply Revolving Loan Program.
- U.S. Rural Development Financial Assistance Program.
- Community Development Block Grant Program.

Kansas Water Authority
Recommendations to the 2001 Legislature

Clark Duffy
Kansas Water Office

Legislation

Governor's Recommendation

- | | |
|--|----------------------------|
| > Amend Multipurpose Small Lakes Act | > Concur |
| > Establish Source water Development Fund | > Defer |
| > Assist Watershed Districts | > Address Administratively |
| > Transfer Collection Responsibility for State Water Plan Fund | > Defer |
| > Stabilize Rate for Water Marketing | > Appropriation Proviso |
| > Re-establish Water Assurance Fund | > Technical Clean-Up |

Recommendations HS for SB 287

Governor's Recommendations

- | | |
|---|------------------|
| > Resolution in support of Federal Action on High Plains Aquifer | > Support |
| > Resolution in support of Reallocation of John Redmond Reservoir | > Not Considered |

Recommended Expenditures

- State Water Plan Fund ➤ See Attached
- \$45,000 for Ogallala Aquifer Institute ➤ Not Recommended
- \$300,000 to Compare Water Quality in Kansas with other States ➤ Not Recommended

Approved Water Marketing Contracts

- Miami County RWD #1 from Hillsdale Reservoir ➤ The Legislature has 30 days to disapprove

Potential Future Contract

- Purchase of Storage from Kanopolis Reservoir

Key Water Documents

- Purpose and Process – *Kansas Water Plan*
- HydroGRAM
- Report to the Governor & 2001 Legislature
- Executive Summary for House Substitute for SB 287
- Committee Report – High Plains Aquifer
- *Kansas Water Plan* – FY 2002

KANSAS WATER AUTHORITY RECOMMENDATIONS
Expenditures by Agency

WPF REQUESTS	FY 2001	FY 2002 Agency Request	FY 2002 KWA Recommendation	FY 2002 Governor's Recommendation
KDHE				
Non-point source technical assistance	469,430	479,832	479,832	482,435
TMDL initiative / Use attainability	420,000	420,000	420,000	406,900
Assessment of sediment quality	50,000	50,000	50,000	50,000
SWP contamination remediation	1,397,840	1,397,023	1,397,023	1,397,506
Local environmental protection	1,800,000	1,800,000	1,800,000	1,800,000
Subtotal	\$4,137,270	*\$4,146,855	4,146,855	4,136,841
Carryover/other			(532,910)	
Total		\$3,900,000	*\$3,613,945	
KDWP				
Biological monitoring	50,000	50,000	50,000	50,000
River Recreation	0	100,000	100,000	
Total	\$50,000	\$150,000	\$150,000	50,000
KCC				
Oil and gas remediation	\$400,000	\$400,000	\$0	400,000
KDA				
Floodplain management	131,849	135,576	135,576	136,647
Interstate water issues	202,795	241,073	241,073	243,905
Subbasin water resources	649,145	643,255	643,255	651,597
Best Management Practices	50,000	0	0	
Subtotal	\$1,033,789	**\$1,019,904	\$1,019,904	1,032,149
Carryover/other			(226,946)	
Total			**\$792,958	
SCC				
Non-point source pollution control	3,000,000	3,000,000	3,000,000	3,150,000
Water resources cost-share program	4,450,000	4,450,000	4,450,000	4,450,000
Riparian and wetland protection	200,000	200,000	200,000	200,000
Water quality buffer initiative	80,000	80,000	140,134	265,134
Aid to conservation districts	1,035,500	1,038,000	1,038,000	1,038,000
Watershed dam construction assistance	805,000	805,000	805,000	805,000
Multipurpose small lakes	230,000	230,000	422,750	230,000
Water rights purchase			***69,433	69,433
Total	\$9,800,500	\$9,803,000	\$10,055,884	10,207,567
KWO				
PMIB loan	270,413	263,991	263,991	263,991
O & M per MOU	370,787	387,833	387,833	437,883
Cedar Bluff O & M	59,000	50,000	50,000	
Assessment & evaluation	200,000	250,000	250,000	200,000
KWRI (research)	0	140,000	140,000	
Weather modification	349,000	349,000	349,000	178,000
Stream gaging program	370,000	****0	****0	416,000
Technical assistance to water users	440,000	440,000	440,000	440,795
Groundwater condition evaluation	70,000	0	0	
DASC support	159,500	133,773	133,773	143,773
GIS database development	250,000	250,000	250,000	250,000
GIS administrative support	17,800	10,000	10,000	
Public information	30,000	56,500	56,500	30,000
Public education	60,000	100,000	100,000	60,000
Stream team	0	50,000	50,000	
Federal cost-share program	250,000	250,000	250,000	250,000
Total	\$2,896,500	\$2,731,097	\$2,731,097	2,670,392
University of Kansas				
Geological Survey				50,000
Grand Total	\$18,318,059	\$17,777,055	\$17,343,884	18,546,949

* Request for FY 2002 State Water Plan is \$3,900,000. Kansas Department of Health & Environment's (KDHE) 404B includes a balance forward of \$418,210 from FY 2001 and \$57,200 as charges for technical and skilled services. The 404B shows total FY 2002 expenditures of \$4,146,855 and a balance forward of \$228,855. The Kansas Water Authority recommends that KDHE's request of \$3,900,000 be reduced by \$57,200 charges for technical and skilled services and the \$228,855 balance forward.

** Request for FY 2002 State Water Plan Fund is \$792,958. The amount shown includes a balance forward of \$226,946.
 *** Not included in total for State Conservation Commission (SCC). Agency will identify \$69,433 from other SCC programs.
 **** Funding for the Stream Gaging Program (\$416,000) is being requested as a State General Fund enhancement.